

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

AMS OPTION		0
COMMITMENT OPTIONS		3
CONDITIONAL PERCENTILE	%	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 CUST IMPACT		
ESCALATION EMERGENCY DISP COST		
ESCALATION EMERGENCY ENERGY COST		
ESCALATION FIXED COST ADJER		
ESCALATION INTERCHANGE PROFIT RE		
ESCALATION UNIT RUNNING RATE		0
FIXED FUEL ALLOCATION METHOD		0
FUEL ADJUSTMENT SWITCH		4
FUEL LIMIT OPTION		
INFLATION OPTION		2
INTERCHANGE METHOD		0
INVENTORY CALCULATION SWITCH		3
MARGINAL COSTS DIAGNOSTICS		
MULTIPLE SEGMENTS		Y
MOST RUN INTERCHANGE FLAG		0
NUMBER OF COST CURVE STEPS		40
NUMBER OF SUBPERIODS		3
PROBABILITY METHOD		C
SEASONAL DISPATCH FLAG		1
SELLBACK OWNERSHIP COMPANY		0
SELLBACK RETENTION COMPANY		0
TREATMENT OF MAINTENANCE		1
UNIT PROFITABILITY FLAG		0

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.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	2	2	2	2	2	2	2
EMERGENCY CUSTOMER IMPACT	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00
EMERGENCY DISPATCH COST	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00
EMERGENCY ENERGY COST	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00
EXTERNAL GENERATION COST BILLING RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
EXTERNAL REPLACEMENT COST RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ADDRESS INTERCHANGE BILLING RATIO	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 SELBACK ENERGY RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RELIABILITY TARGET	MM-% 99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.						
SEASONAL RMU PROFILE	0	0	0	0	0	0	0
SPINNING RESERVE REQUIREMENT	4.50	4.50	4.50	4.50	4.50	4.50	4.50
UNIT RUNNING RATE ANNUAL PEAK	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	2	2	2	2	2	2	2
EMERGENCY CUSTOMER IMPACT	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00
EMERGENCY DISPATCH COST	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00
EMERGENCY ENERGY COST	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00
EXTERNAL GENERATION COST BILLING RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
EXTERNAL REPLACEMENT COST RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ADDRESS INTERCHANGE BILLING RATIO	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 SELBACK ENERGY RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RELIABILITY TARGET	MM-% 99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.						
SEASONAL RMU PROFILE	0	0	0	0	0	0	0
SPINNING RESERVE REQUIREMENT	4.50	4.50	4.50	4.50	4.50	4.50	4.50
UNIT RUNNING RATE ANNUAL PEAK	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	2	2	2	2	2	2	2
EMERGENCY CUSTOMER IMPACT	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00
EMERGENCY DISPATCH COST	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00
EMERGENCY ENERGY COST	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00
EXTERNAL GENERATION COST BILLING RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
EXTERNAL REPLACEMENT COST RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ADDRESS INTERCHANGE BILLING RATIO	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 SELBACK ENERGY RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RELIABILITY TARGET	MM-% 99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.						
SEASONAL RMU PROFILE	0	0	0	0	0	0	0
SPINNING RESERVE REQUIREMENT	4.50	4.50	4.50	4.50	4.50	4.50	4.50
UNIT RUNNING RATE ANNUAL PEAK	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	2	2	2	2	2	2	2
EMERGENCY CUSTOMER IMPACT	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00
EMERGENCY DISPATCH COST	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00	\$/MWH -1.00
EMERGENCY ENERGY COST	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00	\$/MWH 32.00
EXTERNAL GENERATION COST BILLING RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
EXTERNAL REPLACEMENT COST RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ADDRESS INTERCHANGE BILLING RATIO	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 SELBACK ENERGY RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RELIABILITY TARGET	MM-% 99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.						
SEASONAL RMU PROFILE	0	0	0	0	0	0	0
SPINNING RESERVE REQUIREMENT	4.50	4.50	4.50	4.50	4.50	4.50	4.50
UNIT RUNNING RATE ANNUAL PEAK	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	2	2
EMERGENCY CUSTOMER IMPACT	\$/MWH 0.00	\$/MWH 0.00
EMERGENCY DISPATCH COST	\$/MWH -1.00	\$/MWH -1.00
EMERGENCY ENERGY COST	\$/MWH 32.00	\$/MWH 32.00
EXTERNAL GENERATION COST BILLING RATIO	1.00	1.00
EXTERNAL REPLACEMENT COST RATIO	0.00	0.00
FIXED ADDRESS INTERCHANGE BILLING RATIO	0.00	0.00
INTERCHANGE PROFIT RETENTION PER %	0.00	0.00
INTERCHANGE PROFIT RETENTION THR \$/MWH	0.00	0.00
MARKUP OF SELBACK ENERGY RATIO	0.00	0.00
RELIABILITY TARGET	MM-% 99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.99998998528.	
SEASONAL RMU PROFILE	0	0
SPINNING RESERVE REQUIREMENT	4.50	4.50
UNIT RUNNING RATE ANNUAL PEAK	0.00	0.00
UNIT RUNNING RATE CURVE POINTER	0	0



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COMMITMENT LEVEL			
DUMP ENERGY SALE PRICE	\$/MWH	65.00	65.00
ECONOMY INTERCHANGE METHOD		0.00	0.00
EMERGENCY CUSTOMER IMPACT		2	2
EMERGENCY DISPATCH COST	\$/MWH	0.00	0.00
EMERGENCY DISPATCH PROFILE		-1.00	-1.00
EMERGENCY ENERGY COST	\$/MWH	0	0
EMERGENCY ENERGY PROFILE		32.00	32.00
EXTERNAL GENERATION COST BILLING RATIO		0	0
EXTERNAL REPLACEMENT COST BILLING RATIO		1.00	1.00
FIXED ADDER INTERCHANGE BILLING RATIO		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 \$/MWH		0.00	0.00
MARKUP OF SELLBACK ENERGY RATIO		0.00	0.00
RELIABILITY TARGET	MM-%	0.00	0.00
RESERVE MARGIN TARGET		99998998528.99998998528.	
SEASONAL RMD PROFILE		0	0
SPINNING RESERVE REQUIREMENT	\$/MWH	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	In-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	Derated 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/Dlg, 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 Definitlon	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
	WEEK00	WEEK00	WEEK00	WEEK00	WEEK00	WEEK00	WEEK00
SEASONS	8	9	10	11	12		
	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
WEEK PROFILE	WEEK00	WEEK00	WEEK00	WEEK00	WEEK00		







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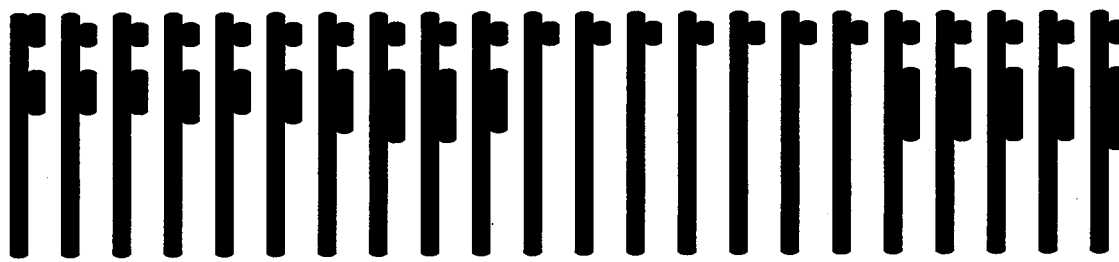
















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4-Company East Optimization

----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- 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	2	3	4	5	6	7
1 TPOOL_11							
1 WKDAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE ENTRY	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
SEASONAL PROFILE ENTRY	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 ENTRY	1.00	0.98	0.94	0.90	0.88	0.89	0.90
SUBPERIODS							
1 WKDAY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SEASONAL PROFILE ENTRY	0.90	0.89	0.90	0.94	0.96		
2 WKNIGHT	0.90	0.89	0.90	0.94	0.96		
SEASONAL PROFILE ENTRY	0.90	0.89	0.90	0.94	0.96		
3 WKEND	0.90	0.89	0.90	0.94	0.96		
SEASONAL PROFILE ENTRY	0.90	0.89	0.90	0.94	0.96		
SUBPERIODS							
2 TPOOL_12							
1 WKDAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE ENTRY	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
SEASONAL PROFILE ENTRY	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 ENTRY	1.00	0.98	0.94	0.89	0.87	0.88	0.89
SUBPERIODS							
1 WKDAY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.93	0.96		
2 WKNIGHT	0.89	0.88	0.89	0.93	0.96		
SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.93	0.96		
3 WKEND	0.89	0.88	0.89	0.93	0.96		
SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.93	0.96		
SUBPERIODS							
3 TPOOL_13							
1 WKDAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE ENTRY	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
SEASONAL PROFILE ENTRY	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 ENTRY	1.00	0.98	0.94	0.89	0.88	0.88	0.90
SUBPERIODS							
1 WKDAY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SEASONAL PROFILE ENTRY	0.90	0.89	0.90	0.94	0.96		
2 WKNIGHT	0.90	0.89	0.90	0.94	0.96		
SEASONAL PROFILE ENTRY	0.90	0.89	0.90	0.94	0.96		
3 WKEND	0.90	0.89	0.90	0.94	0.96		
SEASONAL PROFILE ENTRY	0.90	0.89	0.90	0.94	0.96		
SUBPERIODS							
4 TPOOL_14							
1 WKDAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE ENTRY	0.90	0.89	0.90	0.94	0.96		
2 WKNIGHT	0.90	0.89	0.90	0.94	0.96		
SEASONAL PROFILE ENTRY	0.90	0.89	0.90	0.94	0.96		
3 WKEND	0.90	0.89	0.90	0.94	0.96		
SEASONAL PROFILE ENTRY	0.90	0.89	0.90	0.94	0.96		



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GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE  
SEASONS

6 TPOOL_16								
1	2	3	4	5	6	7		
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY		

- 1 WKDAY
- 2 WKNIGHT
- 3 WKEND

SEASONAL PROFILE ENTRY	1.00	0.99	0.95	0.91	0.90	0.90	0.92
SEASONAL PROFILE ENTRY	1.00	0.99	0.95	0.91	0.90	0.90	0.92
SEASONAL PROFILE ENTRY	1.00	0.99	0.95	0.91	0.90	0.90	0.92

SEASONAL PROFILE  
SEASONS

6 TPOOL_16								
8	9	10	11	12				
AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				

- 1 WKDAY
- 2 WKNIGHT
- 3 WKEND

SEASONAL PROFILE ENTRY	0.91	0.90	0.91	0.95	0.97		
SEASONAL PROFILE ENTRY	0.91	0.90	0.91	0.95	0.97		
SEASONAL PROFILE ENTRY	0.91	0.90	0.91	0.95	0.97		

SEASONAL PROFILE  
SEASONS

7 TPOOL_17								
1	2	3	4	5	6	7		
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY		

- 1 WKDAY
- 2 WKNIGHT
- 3 WKEND

SEASONAL PROFILE ENTRY	1.00	0.99	0.95	0.91	0.90	0.91	0.92
SEASONAL PROFILE ENTRY	1.00	0.99	0.95	0.91	0.90	0.91	0.92
SEASONAL PROFILE ENTRY	1.00	0.99	0.95	0.91	0.90	0.91	0.92

SEASONAL PROFILE  
SEASONS

7 TPOOL_17								
8	9	10	11	12				
AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				

- 1 WKDAY
- 2 WKNIGHT
- 3 WKEND

SEASONAL PROFILE ENTRY	0.92	0.91	0.92	0.95	0.98		
SEASONAL PROFILE ENTRY	0.92	0.91	0.92	0.95	0.98		
SEASONAL PROFILE ENTRY	0.92	0.91	0.92	0.95	0.98		

SEASONAL PROFILE  
SEASONS

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

- 1 WKDAY
- 2 WKNIGHT
- 3 WKEND

SEASONAL PROFILE ENTRY	1.00	0.99	0.95	0.92	0.91	0.91	0.92
SEASONAL PROFILE ENTRY	1.00	0.99	0.95	0.92	0.91	0.91	0.92
SEASONAL PROFILE ENTRY	1.00	0.99	0.95	0.92	0.91	0.91	0.92

SEASONAL PROFILE  
SEASONS

8 TPOOL_18								
8	9	10	11	12				
AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				

- 1 WKDAY
- 2 WKNIGHT
- 3 WKEND

SEASONAL PROFILE ENTRY	0.92	0.91	0.92	0.96	0.98		
SEASONAL PROFILE ENTRY	0.92	0.91	0.92	0.96	0.98		
SEASONAL PROFILE ENTRY	0.92	0.91	0.92	0.96	0.98		

SEASONAL PROFILE  
SEASONS

9 TPOOL_19								
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	0.95	0.92	0.91	0.91	0.92				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.92	0.91	0.91	0.92				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.92	0.91	0.91	0.92				
SEASONAL PROFILE												
9 TPOOL_19												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.92	0.91	0.92	0.96	0.98						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.92	0.91	0.92	0.96	0.98						
3	WKEND											
SEASONAL PROFILE ENTRY		0.92	0.91	0.92	0.96	0.98						
SEASONAL PROFILE												
10 TPOOL_20												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.92	0.91	0.91	0.92				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.92	0.91	0.91	0.92				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.92	0.91	0.91	0.92				
SEASONAL PROFILE												
10 TPOOL_20												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.92	0.91	0.92	0.96	0.98						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.92	0.91	0.92	0.96	0.98						
3	WKEND											
SEASONAL PROFILE ENTRY		0.92	0.91	0.92	0.96	0.98						

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE		11 TPOOL_21						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	0.99	0.96	0.92	0.91	0.91	0.93
2	WKNIGHT	1.00	0.99	0.96	0.92	0.91	0.91	0.93
3	WKEND	1.00	0.99	0.96	0.92	0.91	0.91	0.93
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE		11 TPOOL_21						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.92	0.92	0.92	0.96	0.98		
2	WKNIGHT	0.92	0.92	0.92	0.96	0.98		
3	WKEND	0.92	0.92	0.92	0.96	0.98		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE		12 TPOOL_22						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	0.99	0.96	0.92	0.91	0.92	0.93
2	WKNIGHT	1.00	0.99	0.96	0.92	0.91	0.92	0.93
3	WKEND	1.00	0.99	0.96	0.92	0.91	0.92	0.93
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE		12 TPOOL_22						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.93	0.92	0.93	0.96	0.98		
2	WKNIGHT	0.93	0.92	0.93	0.96	0.98		
3	WKEND	0.93	0.92	0.93	0.96	0.98		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE		13 TPOOL_23						
SEASONS		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	0.92	0.92	0.93
2	WKNIGHT	1.00	0.99	0.96	0.93	0.92	0.92	0.93
3	WKEND	1.00	0.99	0.96	0.93	0.92	0.92	0.93
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE		13 TPOOL_23						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.93	0.92	0.93	0.96	0.98		
2	WKNIGHT	0.93	0.92	0.93	0.96	0.98		
3	WKEND	0.93	0.92	0.93	0.96	0.98		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE		14 TPOOL_24						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	0.93	0.92	0.93	0.96	0.98		
2	WKNIGHT	0.93	0.92	0.93	0.96	0.98		
3	WKEND	0.93	0.92	0.93	0.96	0.98		
SEASONAL PROFILE ENTRY								

4-Company East Optimization

SUBPERIODS		14 TPOOL_24											
		AUGUST 8		SEPTEMBER 9		OCTOBER 10		NOVEMBER 11		DECEMBER 12			
1	WKDAY	1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.92	0.92	0.92	0.93	0.93
SEASONAL PROFILE ENTRY													
2	WKNIGHT	1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.92	0.92	0.92	0.93	0.93
SEASONAL PROFILE ENTRY													
3	WKEND	1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.92	0.92	0.92	0.93	0.93
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE		15 TPOOL_25											
		AUGUST 8		SEPTEMBER 9		OCTOBER 10		NOVEMBER 11		DECEMBER 12			
1	WKDAY	1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.92	0.92	0.92	0.93	0.93
SEASONAL PROFILE ENTRY													
2	WKNIGHT	1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.92	0.92	0.92	0.93	0.93
SEASONAL PROFILE ENTRY													
3	WKEND	1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.92	0.92	0.92	0.93	0.93
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE		15 TPOOL_25											
		AUGUST 8		SEPTEMBER 9		OCTOBER 10		NOVEMBER 11		DECEMBER 12			
1	WKDAY	0.93	0.92	0.93	0.96	0.96	0.96	0.96	0.98				
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.93	0.92	0.93	0.96	0.96	0.96	0.96	0.98				
SEASONAL PROFILE ENTRY													
3	WKEND	0.93	0.92	0.93	0.96	0.96	0.96	0.96	0.98				
SEASONAL PROFILE ENTRY													



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE 16 TPOOL\_26 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 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 16 TPOOL\_26 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 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 17 TPOOL\_27 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

SUBPERIODS	1 WKDAY	1.00	0.99	0.96	0.93	0.92	0.93	0.94
SEASONAL PROFILE ENTRY	2 WKNIGHT	1.00	0.99	0.96	0.93	0.92	0.93	0.94
SEASONAL PROFILE ENTRY	3 WKEND	1.00	0.99	0.96	0.93	0.92	0.93	0.94

SEASONAL PROFILE 17 TPOOL\_27 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 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 18 TPOOL\_28 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 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 18 TPOOL\_28 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 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 19 TPOOL\_29 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

4-Company East Optimization

SUBPERIODS		19 TPOOL_29													
		20 TPOOL_30													
		SEASONAL PROFILE													
SEASONS		SEASONS													
		SUBPERIODS													
1	WKDAY	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
1	WKDAY	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94
2	WKNIGHT	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94
3	WKNIGHT	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94
1	WKDAY	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94
2	WKNIGHT	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94
3	WKNIGHT	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94
1	WKDAY	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94
2	WKNIGHT	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94
3	WKNIGHT	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94
1	WKDAY	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94
2	WKNIGHT	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94
3	WKNIGHT	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	21 TPOOL_31	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 WKNGHT	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	21 TPOOL_31	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.94	0.93	0.94	0.96	0.96	0.98		
2 WKNGHT	0.94	0.93	0.94	0.96	0.96	0.98		
3 WKEND	0.94	0.93	0.94	0.96	0.96	0.98		
SEASONAL PROFILE SEASONS	22 TPOOL_32	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 WKNGHT	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	22 TPOOL_32	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.94	0.93	0.94	0.97	0.98			
2 WKNGHT	0.94	0.93	0.94	0.97	0.98			
3 WKEND	0.94	0.93	0.94	0.97	0.98			
SEASONAL PROFILE SEASONS	23 TPOOL_33	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 WKNGHT	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	23 TPOOL_33	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.94	0.93	0.94	0.97	0.98			
2 WKNGHT	0.94	0.93	0.94	0.97	0.98			
3 WKEND	0.94	0.93	0.94	0.97	0.98			
SEASONAL PROFILE SEASONS	24 TPOOL_34	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	0.94	0.93	0.94	0.97	0.98			
2 WKNGHT	0.94	0.93	0.94	0.97	0.98			
3 WKEND	0.94	0.93	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	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	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	0.93	0.93	0.94	
SEASONAL PROFILE												
24 TPOOL_34												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.93	0.94	0.97	0.98						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.94	0.93	0.94	0.97	0.98						
3	WKEND											
SEASONAL PROFILE ENTRY		0.94	0.93	0.94	0.97	0.98						
SEASONAL PROFILE												
25 TPOOL_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	0.94	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	0.94		
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	0.94	0.93	0.93	0.93	0.93	0.94		
SEASONAL PROFILE												
25 TPOOL_35												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
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 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	0.97	0.94	0.93	0.94	0.94
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.99	0.97	0.94	0.93	0.94	0.94
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.99	0.97	0.94	0.93	0.94	0.94
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	26 TPOOL_36	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.94	0.94	0.94	0.97	0.98		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.94	0.94	0.94	0.97	0.98		
SEASONAL PROFILE ENTRY								
3 WKEND		0.94	0.94	0.94	0.97	0.98		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	27 TPOOL_37	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		1.00	0.99	0.97	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	0.95
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.99	0.97	0.94	0.94	0.94	0.95
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	0.97	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	0.95
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.99	0.97	0.94	0.94	0.94	0.95
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	28 TPOOL_38	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.94	0.94	0.94	0.97	0.98		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.94	0.94	0.94	0.97	0.98		
SEASONAL PROFILE ENTRY								
3 WKEND		0.94	0.94	0.94	0.97	0.98		
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		0.94	0.94	0.94	0.97	0.98		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.94	0.94	0.94	0.97	0.98		
SEASONAL PROFILE ENTRY								
3 WKEND		0.94	0.94	0.94	0.97	0.98		
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		0.94	0.94	0.94	0.97	0.98		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.94	0.94	0.94	0.97	0.98		
SEASONAL PROFILE ENTRY								
3 WKEND		0.94	0.94	0.94	0.97	0.98		
SEASONAL PROFILE ENTRY								

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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	0.95
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	0.95
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	0.95
SEASONAL PROFILE												
SEASONS												
30 TPOOL_39												
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER						
		8	9	10	11	12						
		0.94	0.94	0.94	0.97	0.94	0.94	0.94	0.94	0.94	0.94	0.95
SUBPERIODS												
30 TPOOL_40												
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER						
		8	9	10	11	12						
		0.94	0.94	0.94	0.97	0.94	0.94	0.94	0.94	0.94	0.94	0.95
SUBPERIODS												
30 TPOOL_40												
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER						
		8	9	10	11	12						
		0.94	0.94	0.94	0.97	0.94	0.94	0.94	0.94	0.94	0.94	0.95

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	31 TDEIV_11	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY															
2 WKNIGHT															
SEASONAL PROFILE ENTRY															
3 WKEND															
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	31 TDEIV_11	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY															
2 WKNIGHT															
SEASONAL PROFILE ENTRY															
3 WKEND															
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	32 TDEIV_12	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY															
2 WKNIGHT															
SEASONAL PROFILE ENTRY															
3 WKEND															
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	33 TDEIV_13	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY															
2 WKNIGHT															
SEASONAL PROFILE ENTRY															
3 WKEND															
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	33 TDEIV_13	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY															
2 WKNIGHT															
SEASONAL PROFILE ENTRY															
3 WKEND															
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	34 TDEIV_14	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY															
2 WKNIGHT															
SEASONAL PROFILE ENTRY															
3 WKEND															
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	34 TDEIV_14	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY															
2 WKNIGHT															
SEASONAL PROFILE ENTRY															
3 WKEND															
SEASONAL PROFILE ENTRY															

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.98	0.95	0.90	0.89	0.90	0.89	0.90	0.91		
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.98	0.95	0.90	0.89	0.90	0.89	0.90	0.91		
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.98	0.95	0.90	0.89	0.90	0.89	0.90	0.91		
SEASONAL PROFILE												
SEASONS												
34 TDELIV_14												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.91	0.90	0.91	0.95	0.97						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.91	0.90	0.91	0.95	0.97						
3	WKEND											
SEASONAL PROFILE ENTRY		0.91	0.90	0.91	0.95	0.97						
SEASONAL PROFILE												
SEASONS												
35 TDELIV_15												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.90	0.89	0.90	0.89	0.90	0.91		
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.90	0.89	0.90	0.89	0.90	0.91		
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.90	0.89	0.90	0.89	0.90	0.91		
SEASONAL PROFILE												
SEASONS												
35 TDELIV_15												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.91	0.90	0.91	0.95	0.97						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.91	0.90	0.91	0.95	0.97						
3	WKEND											
SEASONAL PROFILE ENTRY		0.91	0.90	0.91	0.95	0.97						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	36 TDELV_16	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY			1.00	0.99	0.95	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	36 TDELV_16	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	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	37 TDELV_17	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY			1.00	0.99	0.95	0.92	0.91	0.91	0.91	0.91	0.91	0.91	0.92		
2 WKNIGHT															
SEASONAL PROFILE ENTRY			1.00	0.99	0.95	0.92	0.91	0.91	0.91	0.91	0.91	0.91	0.92		
3 WKEND															
SEASONAL PROFILE ENTRY			1.00	0.99	0.95	0.92	0.91	0.91	0.91	0.91	0.91	0.91	0.92		
SEASONAL PROFILE SEASONS	37 TDELV_17	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY			0.92	0.91	0.92	0.96	0.98								
2 WKNIGHT															
SEASONAL PROFILE ENTRY			0.92	0.91	0.92	0.96	0.98								
3 WKEND															
SEASONAL PROFILE ENTRY			0.92	0.91	0.92	0.96	0.98								
SEASONAL PROFILE SEASONS	38 TDELV_18	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY			1.00	0.99	0.95	0.92	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.92	
2 WKNIGHT															
SEASONAL PROFILE ENTRY			1.00	0.99	0.95	0.92	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.92	
3 WKEND															
SEASONAL PROFILE ENTRY			1.00	0.99	0.95	0.92	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.92	
SEASONAL PROFILE SEASONS	38 TDELV_18	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY			0.92	0.92	0.92	0.96	0.98								
2 WKNIGHT															
SEASONAL PROFILE ENTRY			0.92	0.92	0.92	0.96	0.98								
3 WKEND															
SEASONAL PROFILE ENTRY			0.92	0.92	0.92	0.96	0.98								
SEASONAL PROFILE SEASONS	39 TDELV_19	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY			0.92	0.92	0.92	0.96	0.98								
2 WKNIGHT															
SEASONAL PROFILE ENTRY			0.92	0.92	0.92	0.96	0.98								
3 WKEND															
SEASONAL PROFILE ENTRY			0.92	0.92	0.92	0.96	0.98								

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SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.92	0.91	0.91	0.93				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.92	0.91	0.91	0.93				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.92	0.91	0.91	0.93				
SEASONAL PROFILE SEASONS												
39 TDELY_19												
	AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12		
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.92	0.92	0.92	0.96	0.98						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.92	0.92	0.92	0.96	0.98						
3	WKEND											
SEASONAL PROFILE ENTRY		0.92	0.92	0.92	0.96	0.98						
SEASONAL PROFILE SEASONS												
40 TDELY_20												
	JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4	MAY	5	JUNE	6
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 SEASONS												
40 TDELY_20												
	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						

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
SUBPERIODS								
1 WKDAY	1.00	0.99	0.96	0.92	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	0.92	0.93
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	0.99	0.96	0.92	0.92	0.92	0.92	0.93
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	41 TDELIV_21	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.93	0.92	0.93	0.96	0.96	0.98		
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.93	0.92	0.93	0.96	0.96	0.98		
SEASONAL PROFILE ENTRY								
3 WKEND	0.93	0.92	0.93	0.96	0.96	0.98		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	42 TDELIV_22	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.93
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.93
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.93
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	42 TDELIV_22	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.93	0.92	0.93	0.96	0.96	0.98		
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.93	0.92	0.93	0.96	0.96	0.98		
SEASONAL PROFILE ENTRY								
3 WKEND	0.93	0.92	0.93	0.96	0.96	0.98		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	43 TDELIV_23	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.93
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.93
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.93
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	43 TDELIV_23	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.93	0.92	0.93	0.96	0.96	0.98		
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.93	0.92	0.93	0.96	0.96	0.98		
SEASONAL PROFILE ENTRY								
3 WKEND	0.93	0.92	0.93	0.96	0.96	0.98		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	44 TDELIV_24	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	0.93	0.92	0.93	0.96	0.96	0.98		
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.93	0.92	0.93	0.96	0.96	0.98		
SEASONAL PROFILE ENTRY								
3 WKEND	0.93	0.92	0.93	0.96	0.96	0.98		
SEASONAL PROFILE ENTRY								



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	46 TDELIV_26	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		1.00	0.99	0.96	0.93	0.92	0.93	0.94
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.99	0.96	0.93	0.92	0.93	0.94
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.99	0.96	0.93	0.92	0.93	0.94
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	46 TDELIV_26	8	9	10	11	12		
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	47 TDELIV_27	1	2	3	4	5	6	7
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	47 TDELIV_27	8	9	10	11	12		
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	48 TDELIV_28	1	2	3	4	5	6	7
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	48 TDELIV_28	8	9	10	11	12		
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	49 TDELIV_29	1	2	3	4	5	6	7
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												
49 TDELIV_29												
		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12	
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.93	0.94	0.96	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	0.96	0.98			
3	WKEND											
SEASONAL PROFILE ENTRY		0.94	0.93	0.94	0.96	0.96	0.96	0.96	0.98			
SEASONAL PROFILE												
SEASONS												
50 TDELIV_30												
		JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4	MAY	5	JUNE
SUBPERIODS												
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												
50 TDELIV_30												
		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12	
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.93	0.94	0.97	0.98						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.94	0.93	0.94	0.97	0.98						
3	WKEND											
SEASONAL PROFILE ENTRY		0.94	0.93	0.94	0.97	0.98						

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	51 TDELIV_31	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY															
2 WKNIGHT															
SEASONAL PROFILE ENTRY															
3 WKEND															
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	51 TDELIV_31	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY															
2 WKNIGHT															
SEASONAL PROFILE ENTRY															
3 WKEND															
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	52 TDELIV_32	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY															
2 WKNIGHT															
SEASONAL PROFILE ENTRY															
3 WKEND															
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	53 TDELIV_33	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY															
2 WKNIGHT															
SEASONAL PROFILE ENTRY															
3 WKEND															
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	53 TDELIV_33	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY															
2 WKNIGHT															
SEASONAL PROFILE ENTRY															
3 WKEND															
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	54 TDELIV_34	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY															
SEASONAL PROFILE ENTRY															
2 WKNIGHT															
SEASONAL PROFILE ENTRY															
3 WKEND															
SEASONAL PROFILE ENTRY															

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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												
54 TDEIV_34												
SEASONS												
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER						
		8	9	10	11	12						
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						
SEASONAL PROFILE												
55 TDEIV_35												
SEASONS												
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY				
		1	2	3	4	5	6	7				
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	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				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	0.94	0.94	0.94	0.94				
SEASONAL PROFILE												
55 TDEIV_35												
SEASONS												
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER						
		8	9	10	11	12						
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 = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	56 TDELV_36	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		1.00		0.99		0.97		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		0.95	
SEASONAL PROFILE ENTRY															
3 WKEND		1.00		0.99		0.97		0.94		0.94		0.94		0.95	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	56 TDELV_36	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY		0.95		0.94		0.95		0.97		0.98		0.98		0.95	
SEASONAL PROFILE ENTRY															
2 WKNIGHT		0.95		0.94		0.95		0.97		0.98		0.98		0.95	
SEASONAL PROFILE ENTRY															
3 WKEND		0.95		0.94		0.95		0.97		0.98		0.98		0.95	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	57 TDELV_37	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY		0.95		0.94		0.95		0.97		0.98		0.98		0.95	
SEASONAL PROFILE ENTRY															
2 WKNIGHT		0.95		0.94		0.95		0.97		0.98		0.98		0.95	
SEASONAL PROFILE ENTRY															
3 WKEND		0.95		0.94		0.95		0.97		0.98		0.98		0.95	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	57 TDELV_37	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		1.00		0.99		0.97		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		0.95	
SEASONAL PROFILE ENTRY															
3 WKEND		1.00		0.99		0.97		0.94		0.94		0.94		0.95	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	58 TDELV_38	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		1.00		0.99		0.97		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		0.95	
SEASONAL PROFILE ENTRY															
3 WKEND		1.00		0.99		0.97		0.94		0.94		0.94		0.95	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	58 TDELV_38	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY		0.95		0.94		0.95		0.97		0.98		0.98		0.95	
SEASONAL PROFILE ENTRY															
2 WKNIGHT		0.95		0.94		0.95		0.97		0.98		0.98		0.95	
SEASONAL PROFILE ENTRY															
3 WKEND		0.95		0.94		0.95		0.97		0.98		0.98		0.95	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	59 TDELV_39	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		0.95		0.94		0.95		0.97		0.98		0.98		0.95	
SEASONAL PROFILE ENTRY															
2 WKNIGHT		0.95		0.94		0.95		0.97		0.98		0.98		0.95	
SEASONAL PROFILE ENTRY															
3 WKEND		0.95		0.94		0.95		0.97		0.98		0.98		0.95	
SEASONAL PROFILE ENTRY															



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS 63 Amos1\_11 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 0.96 0.96 0.94 0.93  
 2 WKNIGHT SEASONAL PROFILE ENTRY 1.00 0.99 0.97 0.96 0.96 0.94 0.93  
 3 WKEND SEASONAL PROFILE ENTRY 1.00 0.99 0.97 0.96 0.96 0.94 0.93

SEASONAL PROFILE SEASONS 63 Amos1\_11 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.92 0.91 0.90 0.87 0.87  
 2 WKNIGHT SEASONAL PROFILE ENTRY 0.92 0.91 0.90 0.87 0.87  
 3 WKEND SEASONAL PROFILE ENTRY 0.92 0.91 0.90 0.87 0.87

SEASONAL PROFILE SEASONS 64 Amos1\_12 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

SUBPERIODS

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

SEASONAL PROFILE SEASONS 64 Amos1\_12 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.98 0.98 0.98 0.99 1.00  
 2 WKNIGHT SEASONAL PROFILE ENTRY 0.98 0.98 0.98 0.99 1.00  
 3 WKEND SEASONAL PROFILE ENTRY 0.98 0.98 0.98 0.99 1.00

SEASONAL PROFILE SEASONS 65 Beck\_11 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

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 65 Beck\_11 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  
 2 WKNIGHT SEASONAL PROFILE ENTRY 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

SEASONAL PROFILE SEASONS 66 Am3\_11 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

4-Company East Optimization

SUBPERIODS		66 AM3_11											
		8	9	10	11	12							
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
1	WKDAY	1.00	0.99	0.98	0.97	0.96	0.95	0.93					
SEASONAL PROFILE ENTRY													
2	WKNIGHT	1.00	0.99	0.98	0.97	0.96	0.95	0.93					
SEASONAL PROFILE ENTRY													
3	WKEND	1.00	0.99	0.98	0.97	0.96	0.95	0.93					
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS		67 AM3_12											
		1	2	3	4	5	6	7					
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY					
1	WKDAY	0.94	0.96	0.98	0.96	0.97	0.98	0.98	0.98				
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.94	0.96	0.98	0.96	0.97	0.98	0.98	0.98				
SEASONAL PROFILE ENTRY													
3	WKEND	0.94	0.96	0.98	0.96	0.97	0.98	0.98	0.98				
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS		67 AM3_12											
		8	9	10	11	12							
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
1	WKDAY	0.99	0.98	0.99	1.00	1.00	1.00	1.00					
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.99	0.98	0.99	1.00	1.00	1.00	1.00					
SEASONAL PROFILE ENTRY													
3	WKEND	0.99	0.98	0.99	1.00	1.00	1.00	1.00					
SEASONAL PROFILE ENTRY													



4-Company East Optimization

SUBPERIODS		73 Card2_11											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							JULY
		8	9	10	11	12							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
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
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
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS													
SUBPERIODS		74 Card2_12											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							JULY
		8	9	10	11	12							7
1	WKDAY	0.95	0.96	0.97	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.95	0.96	0.97	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SEASONAL PROFILE ENTRY													
3	WKEND	0.95	0.96	0.97	0.97	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							JULY
		8	9	10	11	12							7
1	WKDAY	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY													
3	WKEND	0.99	0.99	0.99	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.PARAMETERS.

SEASONAL PROFILE 76 Card3\_11

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

SUBPERIODS  
1 WKDAY SEASONAL PROFILE ENTRY 0.96 0.97 0.98 0.99 0.99 0.99 1.00  
2 WKNIGHT SEASONAL PROFILE ENTRY 0.96 0.97 0.98 0.99 0.99 0.99 1.00  
3 WKEND SEASONAL PROFILE ENTRY 0.96 0.97 0.98 0.99 0.99 0.99 1.00

SEASONAL PROFILE 76 Card3\_11

SEASONS 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  
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 77 Card3\_12

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

SUBPERIODS  
1 WKDAY SEASONAL PROFILE ENTRY 0.99 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 0.99 1.00  
3 WKEND SEASONAL PROFILE ENTRY 0.99 0.99 0.99 0.99 0.99 0.99 1.00

SEASONAL PROFILE 77 Card3\_12

SEASONS 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  
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 79 AM2\_11

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 0.98 0.98 0.97 0.96 0.95  
2 WKNIGHT SEASONAL PROFILE ENTRY 1.00 0.99 0.98 0.98 0.97 0.96 0.95  
3 WKEND SEASONAL PROFILE ENTRY 1.00 0.99 0.98 0.98 0.97 0.96 0.95

SEASONAL PROFILE 79 AM2\_11

SEASONS AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS  
1 WKDAY SEASONAL PROFILE ENTRY 0.94 0.93 0.91 0.90 0.90 0.90  
2 WKNIGHT SEASONAL PROFILE ENTRY 0.94 0.93 0.91 0.90 0.90 0.90  
3 WKEND SEASONAL PROFILE ENTRY 0.94 0.93 0.91 0.90 0.90 0.90

SEASONAL PROFILE 80 AM2\_12

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		0.93	0.94	0.95	0.95	0.96	0.96	0.96	0.96	0.96	0.96	0.97
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.93	0.94	0.95	0.95	0.96	0.96	0.96	0.96	0.96	0.96	0.97
3	WKEND											
SEASONAL PROFILE ENTRY		0.93	0.94	0.95	0.95	0.96	0.96	0.96	0.96	0.96	0.96	0.97
SEASONAL PROFILE SEASONS		80	AM2_12									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.97	0.97	0.98	0.99	1.00						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.97	0.97	0.98	0.99	1.00						
3	WKEND											
SEASONAL PROFILE ENTRY		0.97	0.97	0.98	0.99	1.00						
SEASONAL PROFILE SEASONS		82	CLR_V_11									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	1.00	0.99	0.99	0.99	0.98	0.99	0.99	0.98	0.99	
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	1.00	0.99	0.99	0.99	0.98	0.99	0.99	0.98	0.99	
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	0.99	0.99	0.99	0.98	0.99	0.99	0.98	0.99	
SEASONAL PROFILE SEASONS		82	CLR_V_11									
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	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	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	0.99





4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.99	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	0.99	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	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												
88 CSV14_11												
	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	1.00	1.00	1.00	1.00	1.00						
2	WKNIGHT	1.00	1.00	1.00	1.00	1.00						
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00						
3	WKEND	1.00	1.00	1.00	1.00	1.00						
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00						
SEASONAL PROFILE SEASONS												
89 CSV14_12												
	JANUARY 1		FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7				
1	WKDAY	0.88	0.91	0.93	0.95	0.96	0.96	0.97				
	SEASONAL PROFILE ENTRY	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				
	SEASONAL PROFILE ENTRY	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 ENTRY	0.88	0.91	0.93	0.95	0.96	0.96	0.97				
SEASONAL PROFILE SEASONS												
89 CSV14_12												
	AUGUST 8		SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12						
1	WKDAY	0.98	0.99	0.99	0.99	1.00						
	SEASONAL PROFILE ENTRY	0.98	0.99	0.99	0.99	1.00						
2	WKNIGHT	0.98	0.99	0.99	0.99	1.00						
	SEASONAL PROFILE ENTRY	0.98	0.99	0.99	0.99	1.00						
3	WKEND	0.98	0.99	0.99	0.99	1.00						
	SEASONAL PROFILE ENTRY	0.98	0.99	0.99	0.99	1.00						

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.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	1.00		
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.98	0.99	0.99	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
3 WKEND	0.98	0.99	0.99	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	92 CSV56_12	8 AUGUST	9 SEPTEMBER	10 OCTOBER	11 NOVEMBER	12 DECEMBER		
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	1.00
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.98	0.98	0.98	0.99	0.99	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
3 WKEND	0.98	0.98	0.98	0.99	0.99	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	95 Nucl_11	8 AUGUST	9 SEPTEMBER	10 OCTOBER	11 NOVEMBER	12 DECEMBER		
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								
SEASONAL PROFILE SEASONS	96 Nucl_12	1 JANUARY	2 FEBRUARY	3 MARCH	4 APRIL	5 MAY	6 JUNE	7 JULY



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

SEASONAL PROFILE SEASONS	98 Nucl_14	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.95	0.95	0.95	0.95	0.97	0.98	1.00
SEASONAL PROFILE ENTRY								
2 WKNIIGHT		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	98 Nucl_14	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		1.00	0.98	0.93	0.91	0.91		
SEASONAL PROFILE ENTRY								
2 WKNIIGHT		1.00	0.98	0.93	0.91	0.91		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.98	0.93	0.91	0.91		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	99 Nucl_15	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.96	0.96	0.96	0.95	0.97	0.98	1.00
SEASONAL PROFILE ENTRY								
2 WKNIIGHT		0.96	0.96	0.96	0.95	0.97	0.98	1.00
SEASONAL PROFILE ENTRY								
3 WKEND		0.96	0.96	0.96	0.95	0.97	0.98	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	99 Nucl_15	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		1.00	0.98	0.98	0.95	0.96		
SEASONAL PROFILE ENTRY								
2 WKNIIGHT		1.00	0.98	0.98	0.95	0.96		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.98	0.98	0.95	0.96		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	100 Nucl_16	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.96	0.96	0.96	0.96	0.97	0.98	1.00
SEASONAL PROFILE ENTRY								
2 WKNIIGHT		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	0.97	0.98	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	100 Nucl_16	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		1.00	0.98	0.98	0.96	0.96		
SEASONAL PROFILE ENTRY								
2 WKNIIGHT		1.00	0.98	0.98	0.96	0.96		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.98	0.98	0.96	0.96		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	101 Nucl_17	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.98	0.98	0.96	0.96		
SEASONAL PROFILE ENTRY								
2 WKNIIGHT		1.00	0.98	0.98	0.96	0.96		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.98	0.98	0.96	0.96		
SEASONAL PROFILE ENTRY								





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SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.99	0.99	0.99	0.99	0.99	0.97	0.98	1.00			
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.99	0.99	0.99	0.99	0.99	0.97	0.98	1.00			
3	WKEND											
	SEASONAL PROFILE ENTRY	0.99	0.99	0.99	0.99	0.99	0.97	0.98	1.00			
SEASONAL PROFILE SEASONS												
		108	Nuc2_12									
		8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER	
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.99	0.98	0.96	0.96	0.96	0.96	0.96	0.96			
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.99	0.98	0.96	0.96	0.96	0.96	0.96	0.96			
3	WKEND											
	SEASONAL PROFILE ENTRY	0.99	0.98	0.96	0.96	0.96	0.96	0.96	0.96			
SEASONAL PROFILE SEASONS												
		109	Nuc2_13									
		8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER	
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.99	0.98	0.96	0.96	0.96	0.96	0.92	0.92	0.92		
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.99	0.98	0.96	0.96	0.96	0.96	0.92	0.92	0.92		
3	WKEND											
	SEASONAL PROFILE ENTRY	0.99	0.98	0.96	0.96	0.96	0.96	0.92	0.92	0.92		



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		110 Nuc2_14						
SUBPERIODS		1	2	3	4	5	6	7
SEASONAL PROFILE ENTRY		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 ENTRY		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		
SEASONAL PROFILE ENTRY		0.99	0.98	0.96	0.96	0.96	0.96	
SEASONAL PROFILE ENTRY		0.99	0.98	0.96	0.96	0.96	0.96	
SEASONAL PROFILE ENTRY		0.99	0.98	0.96	0.96	0.96	0.96	
SEASONAL PROFILE SEASONS		111 Nuc2_15						
SUBPERIODS		1	2	3	4	5	6	7
SEASONAL PROFILE ENTRY		0.99	0.99	0.99	0.95	0.97	0.98	1.00
SEASONAL PROFILE ENTRY		0.99	0.99	0.99	0.95	0.97	0.98	1.00
SEASONAL PROFILE ENTRY		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		
SEASONAL PROFILE ENTRY		0.99	0.98	0.97	0.96	0.96	0.96	
SEASONAL PROFILE ENTRY		0.99	0.98	0.97	0.96	0.96	0.96	
SEASONAL PROFILE ENTRY		0.99	0.98	0.97	0.96	0.96	0.96	
SEASONAL PROFILE SEASONS		112 Nuc2_16						
SUBPERIODS		1	2	3	4	5	6	7
SEASONAL PROFILE ENTRY		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 ENTRY		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		
SEASONAL PROFILE ENTRY		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 ENTRY		0.96	0.96	0.96	0.96	0.97	0.98	1.00
SEASONAL PROFILE SEASONS		113 Nuc2_17						
SUBPERIODS		1	2	3	4	5	6	7
SEASONAL PROFILE ENTRY		0.99	0.98	0.97	0.94	0.94	0.94	
SEASONAL PROFILE ENTRY		0.99	0.98	0.97	0.94	0.94	0.94	
SEASONAL PROFILE ENTRY		0.99	0.98	0.97	0.94	0.94	0.94	



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	115 Nuc2_19	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	0.96	0.96	0.96	0.96	0.96	0.97	0.98	1.00
2 WKNIGHT	0.96	0.96	0.96	0.96	0.96	0.97	0.98	1.00
3 WKEND	0.96	0.96	0.96	0.96	0.96	0.97	0.98	1.00
SEASONAL PROFILE SEASONS								
115 Nuc2_19								
SUBPERIODS								
1 WKDAY	1.00	0.98	0.97	0.98	0.98	0.98	0.98	1.00
2 WKNIGHT	1.00	0.98	0.97	0.98	0.98	0.98	0.98	1.00
3 WKEND	1.00	0.98	0.97	0.98	0.98	0.98	0.98	1.00
SEASONAL PROFILE SEASONS								
116 Nuc2_20								
SUBPERIODS								
1 WKDAY	0.96	0.96	0.96	0.96	0.96	0.97	0.98	1.00
2 WKNIGHT	0.96	0.96	0.96	0.96	0.96	0.97	0.98	1.00
3 WKEND	0.96	0.96	0.96	0.96	0.96	0.97	0.98	1.00
SEASONAL PROFILE SEASONS								
116 Nuc2_20								
SUBPERIODS								
1 WKDAY	1.00	0.98	0.97	0.96	0.96	0.96	0.96	1.00
2 WKNIGHT	1.00	0.98	0.97	0.96	0.96	0.96	0.96	1.00
3 WKEND	1.00	0.98	0.97	0.96	0.96	0.96	0.96	1.00
SEASONAL PROFILE SEASONS								
118 Gav12_11								
SUBPERIODS								
1 WKDAY	0.96	0.98	0.98	0.99	1.00	1.00	1.00	1.00
2 WKNIGHT	0.96	0.98	0.98	0.99	1.00	1.00	1.00	1.00
3 WKEND	0.96	0.98	0.98	0.99	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS								
118 Gav12_11								
SUBPERIODS								
1 WKDAY	1.00	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	1.00
3 WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS								
119 Gav12_12								
SUBPERIODS								
1 WKDAY	1.00	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	1.00
3 WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

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SUBPERIODS												
SEASONAL PROFILE ENTRY												
1	WKDAY		0.94	0.96	0.97	0.98	0.98	0.99	0.99			
SEASONAL PROFILE ENTRY												
2	WKNIGHT		0.94	0.96	0.97	0.98	0.98	0.99	0.99			
SEASONAL PROFILE ENTRY												
3	WKEND		0.94	0.96	0.97	0.98	0.98	0.99	0.99			
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE												
SEASONS												
119 GAV12_12												
		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12	
SUBPERIODS												
SEASONAL PROFILE ENTRY												
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												
121 G1n56_11												
		JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4	MAY	5	JUNE
												JULY
SUBPERIODS												
SEASONAL PROFILE ENTRY												
1	WKDAY		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			
SEASONAL PROFILE ENTRY												
3	WKEND		0.99	0.99	0.99	0.99	0.99	0.99	0.99			
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE												
SEASONS												
121 G1n56_11												
		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12	
SUBPERIODS												
SEASONAL PROFILE ENTRY												
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												

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE	122 GIN56_12	1	2	3	4	5	6	7
SEASONS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
SUBPERIODS								
1 WKDAY	1.00	0.98	0.97	0.97	0.96	0.95	0.94	
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	0.98	0.97	0.97	0.96	0.95	0.94	
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	0.98	0.97	0.97	0.96	0.95	0.94	
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE	122 GIN56_12							
SEASONS	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
SUBPERIODS								
1 WKDAY	0.94	0.93	0.93	0.93	0.93			
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.94	0.93	0.93	0.93	0.93			
SEASONAL PROFILE ENTRY								
3 WKEND	0.94	0.93	0.93	0.93	0.93			
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE	124 KMR_11							
SEASONS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
SUBPERIODS								
1 WKDAY	1.00	1.00	1.00	1.00	1.00	0.99	0.98	
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	1.00	1.00	1.00	1.00	0.99	0.98	
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	1.00	1.00	1.00	1.00	0.99	0.98	
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE	124 KMR_11							
SEASONS	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
SUBPERIODS								
1 WKDAY	0.95	0.94	0.93	0.92	0.92			
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.95	0.94	0.93	0.92	0.92			
SEASONAL PROFILE ENTRY								
3 WKEND	0.95	0.94	0.93	0.92	0.92			
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE	125 KMR_12							
SEASONS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
SUBPERIODS								
1 WKDAY	1.00	0.97	0.95	0.93	0.92	0.91	0.90	
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	0.97	0.95	0.93	0.92	0.91	0.90	
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	0.97	0.95	0.93	0.92	0.91	0.90	
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE	125 KMR_12							
SEASONS	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
SUBPERIODS								
1 WKDAY	0.89	0.89	0.89	0.89	0.89			
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.89	0.89	0.89	0.89	0.89			
SEASONAL PROFILE ENTRY								
3 WKEND	0.89	0.89	0.89	0.89	0.89			
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE	127 KMR_11							
SEASONS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
SUBPERIODS								
1 WKDAY								
SEASONAL PROFILE ENTRY								
2 WKNIGHT								
SEASONAL PROFILE ENTRY								
3 WKEND								
SEASONAL PROFILE ENTRY								

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												
127 KNWR_11												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SEASONAL PROFILE												
SEASONS												
128 KNWR_12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.96	0.94	0.93	0.92	0.91	0.91	0.91	0.91	0.91	0.91
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.96	0.94	0.93	0.92	0.91	0.91	0.91	0.91	0.91	0.91
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.96	0.94	0.93	0.92	0.91	0.91	0.91	0.91	0.91	0.91
SEASONAL PROFILE												
SEASONS												
128 KNWR_12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
3	WKEND											
SEASONAL PROFILE ENTRY		0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE		131 KYGR_11						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	0.96	0.96	0.99	0.96	0.96	0.96	0.99
2	WKNIGHT	0.96	0.96	0.99	0.96	0.96	0.96	0.99
3	WKEND	0.96	0.96	0.99	0.96	0.96	0.96	0.99
SEASONAL PROFILE		131 KYGR_11						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	1.00	0.99	0.98	0.98	1.00		
2	WKNIGHT	1.00	0.99	0.98	0.98	1.00		
3	WKEND	1.00	0.99	0.98	0.98	1.00		
SEASONAL PROFILE		133 MTCH_11						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.96	0.97	0.98	0.99	0.99	1.00	1.00
2	WKNIGHT	0.96	0.97	0.98	0.99	0.99	1.00	1.00
3	WKEND	0.96	0.97	0.98	0.99	0.99	1.00	1.00
SEASONAL PROFILE		133 MTCH_11						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
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		134 MTCH_12						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	0.96	0.98	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
3	WKEND	0.96	0.98	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE		134 MTCH_12						
SEASONS		8	9	10	11	12		
SUBPERIODS		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		136 MNTR_11						
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

SUBPERIODS		136 MNTR_11											
		8	9	10	11	12							
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
1	WKDAY	1.00	0.99	0.99	0.98	0.97	0.96	0.95					
SEASONAL PROFILE ENTRY													
2	WKNIGHT	1.00	0.99	0.99	0.98	0.97	0.96	0.95					
SEASONAL PROFILE ENTRY													
3	WKEND	1.00	0.99	0.99	0.98	0.97	0.96	0.95					
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS		137 MNTR_12											
		1	2	3	4	5	6	7					
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY					
1	WKDAY	1.00	0.95	0.95	0.95	0.95	0.95	0.96					
SEASONAL PROFILE ENTRY													
2	WKNIGHT	1.00	0.95	0.95	0.95	0.95	0.95	0.96					
SEASONAL PROFILE ENTRY													
3	WKEND	1.00	0.95	0.95	0.95	0.95	0.95	0.96					
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS		137 MNTR_12											
		8	9	10	11	12							
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
1	WKDAY	0.95	0.94	0.92	0.91	0.93							
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.95	0.94	0.92	0.91	0.93							
SEASONAL PROFILE ENTRY													
3	WKEND	0.95	0.94	0.92	0.91	0.93							
SEASONAL PROFILE ENTRY													



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	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	0.98	0.99
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.95	0.95	0.95	0.95	0.94	0.98	0.99
SEASONAL PROFILE ENTRY								
3 WKEND		0.95	0.95	0.95	0.95	0.94	0.98	0.99
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	1.00	1.00
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.99	0.99	0.99	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
3 WKEND		0.99	0.99	0.99	1.00	1.00	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



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		146 PSPR_12						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
	SEASONAL PROFILE ENTRY	1.00	0.98	0.97	0.96	0.95	0.95	0.94
2	WKNIGHT	1.00	0.98	0.97	0.96	0.95	0.95	0.94
	SEASONAL PROFILE ENTRY	1.00	0.98	0.97	0.96	0.95	0.95	0.94
3	WKEND	1.00	0.98	0.97	0.96	0.95	0.95	0.94
	SEASONAL PROFILE ENTRY	1.00	0.98	0.97	0.96	0.95	0.95	0.94
SEASONAL PROFILE SEASONS		146 PSPR_12						
SUBPERIODS		8	9	10	11	12		
1	WKDAY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.93	0.93		
2	WKNIGHT	0.94	0.94	0.94	0.93	0.93		
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.93	0.93		
3	WKEND	0.94	0.94	0.94	0.93	0.93		
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.93	0.93		
SEASONAL PROFILE SEASONS		147						
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
SEASONAL PROFILE SEASONS		147						
SUBPERIODS		8	9	10	11	12		
1	WKDAY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00		
2	WKNIGHT	1.00	1.00	1.00	1.00	1.00		
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00		
3	WKEND	1.00	1.00	1.00	1.00	1.00		
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE SEASONS		148 PCWY_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
SEASONAL PROFILE SEASONS		148 PCWY_11						
SUBPERIODS		8	9	10	11	12		
1	WKDAY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
	SEASONAL PROFILE ENTRY	0.97	0.96	0.96	0.96	0.95		
2	WKNIGHT	0.97	0.96	0.96	0.96	0.95		
	SEASONAL PROFILE ENTRY	0.97	0.96	0.96	0.96	0.95		
3	WKEND	0.97	0.96	0.96	0.96	0.95		
	SEASONAL PROFILE ENTRY	0.97	0.96	0.96	0.96	0.95		
SEASONAL PROFILE SEASONS		149 PCWY_12						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
	SEASONAL PROFILE ENTRY	0.97	0.96	0.96	0.96	0.95		

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 SEASONS	152 ROCK_12	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		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
3 WKEND		1.00	0.99	0.99	0.98	0.97	0.96	0.95
SEASONAL PROFILE SEASONS	152 ROCK_12	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		0.94	0.94	0.94	0.93	0.94		
2 WKNIGHT		0.94	0.94	0.94	0.93	0.94		
3 WKEND		0.94	0.94	0.94	0.93	0.94		
SEASONAL PROFILE SEASONS	154 STRT_11	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		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
3 WKEND		0.93	0.95	0.96	0.97	0.98	0.98	0.99
SEASONAL PROFILE SEASONS	154 STRT_11	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		0.99	1.00	1.00	1.00	1.00		
2 WKNIGHT		0.99	1.00	1.00	1.00	1.00		
3 WKEND		0.99	1.00	1.00	1.00	1.00		
SEASONAL PROFILE SEASONS	155 STRT_12	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		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
3 WKEND		1.00	0.99	0.98	0.98	0.97	0.97	0.96
SEASONAL PROFILE SEASONS	155 STRT_12	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		0.96	0.96	0.96	0.96	0.96		
2 WKNIGHT		0.96	0.96	0.96	0.96	0.96		
3 WKEND		0.96	0.96	0.96	0.96	0.96		
SEASONAL PROFILE SEASONS	157 FCI23_11	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		0.96	0.96	0.96	0.96	0.96		
2 WKNIGHT		0.96	0.96	0.96	0.96	0.96		
3 WKEND		0.96	0.96	0.96	0.96	0.96		

4-Company East Optimization

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	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	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	0.99	
SEASONAL PROFILE SEASONS		157	TC123_11	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	0.99	0.99	0.99	0.99	0.99	0.99	
2	WKNIGHT												
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	0.99	0.99	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	0.99	0.99	0.99	
SEASONAL PROFILE SEASONS		158	TC123_12	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY
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	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	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	0.99	
SEASONAL PROFILE SEASONS		158	TC123_12	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER
SUBPERIODS													
1	WKDAY												
SEASONAL PROFILE ENTRY		0.99	1.00	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	1.00	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	1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	

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
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		

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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									
		8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER	
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	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									
		1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6
		7	JULY									
SUBPERIODS												
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									
		8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER	
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.91	0.91	0.93	0.96	0.96	0.96	0.96	0.96	1.00	1.00	1.00
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	0.91	0.91	0.93	0.96	0.96	0.96	0.96	0.96	1.00	1.00	1.00
3	WKEND											
	SEASONAL PROFILE ENTRY	0.91	0.91	0.93	0.96	0.96	0.96	0.96	0.96	1.00	1.00	1.00



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE												
168 DARB_11												
SUBPERIODS												
1	WKDAY	0.97	0.97	0.95	0.89	0.88	0.90	0.91				
SEASONAL PROFILE ENTRY												
2	WKNIGHT	0.97	0.97	0.95	0.89	0.88	0.90	0.91				
SEASONAL PROFILE ENTRY												
3	WKEND	0.97	0.97	0.95	0.89	0.88	0.90	0.91				
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE												
168 DARB_11												
SUBPERIODS												
1	WKDAY	0.92	0.92	0.93	0.96	1.00						
SEASONAL PROFILE ENTRY												
2	WKNIGHT	0.92	0.92	0.93	0.96	1.00						
SEASONAL PROFILE ENTRY												
3	WKEND	0.92	0.92	0.93	0.96	1.00						
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE												
170 WATR_11												
SUBPERIODS												
1	WKDAY	0.95	0.95	0.92	0.78	0.78	0.79	0.79				
SEASONAL PROFILE ENTRY												
2	WKNIGHT	0.95	0.95	0.92	0.78	0.78	0.79	0.79				
SEASONAL PROFILE ENTRY												
3	WKEND	0.95	0.95	0.92	0.78	0.78	0.79	0.79				
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE												
170 WATR_11												
SUBPERIODS												
1	WKDAY	0.80	0.81	0.82	0.97	1.00						
SEASONAL PROFILE ENTRY												
2	WKNIGHT	0.80	0.81	0.82	0.97	1.00						
SEASONAL PROFILE ENTRY												
3	WKEND	0.80	0.81	0.82	0.97	1.00						
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE												
171 CDW_12												
SUBPERIODS												
1	WKDAY	1.00	1.00	0.97	0.87	0.86	0.87	0.88				
SEASONAL PROFILE ENTRY												
2	WKNIGHT	1.00	1.00	0.97	0.87	0.86	0.87	0.88				
SEASONAL PROFILE ENTRY												
3	WKEND	1.00	1.00	0.97	0.87	0.86	0.87	0.88				
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE												
171 CDW_12												
SUBPERIODS												
1	WKDAY	0.89	0.90	0.91	0.95	0.99						
SEASONAL PROFILE ENTRY												
2	WKNIGHT	0.89	0.90	0.91	0.95	0.99						
SEASONAL PROFILE ENTRY												
3	WKEND	0.89	0.90	0.91	0.95	0.99						
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE												
172 CDW_13												
SUBPERIODS												
1	JANUARY											
2	FEBRUARY											
3	MARCH											
4	APRIL											
5	MAY											
6	JUNE											
7	JULY											
75												

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.86	0.85	0.83	0.80	0.80	0.80	0.83	0.86			
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.86	0.85	0.83	0.80	0.80	0.80	0.83	0.86			
3	WKEND											
	SEASONAL PROFILE ENTRY	0.86	0.85	0.83	0.80	0.80	0.80	0.83	0.86			
SEASONAL PROFILE SEASONS		172	CDM_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		173	CDM_14									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.87	0.88	0.88	0.89			
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.87	0.88	0.88	0.89			
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.87	0.88	0.88	0.89			
SEASONAL PROFILE SEASONS		173	CDM_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						

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER - GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		174 CDW_15													
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	1.00	0.98	0.93	0.88	0.86	0.88	0.89	1.00	0.98	0.93	0.88	0.86	0.88	0.89
2	WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.88	0.89	1.00	0.98	0.93	0.88	0.86	0.88	0.89
3	WKEND	1.00	0.98	0.93	0.88	0.86	0.88	0.89	1.00	0.98	0.93	0.88	0.86	0.88	0.89
SEASONAL PROFILE SEASONS		174 CDW_15													
SUBPERIODS		8	9	10	11	12	8	9	10	11	12				
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
1	WKDAY	0.89	0.88	0.89	0.94	0.98	0.89	0.88	0.89	0.94	0.98				
2	WKNIGHT	0.89	0.88	0.89	0.94	0.98	0.89	0.88	0.89	0.94	0.98				
3	WKEND	0.89	0.88	0.89	0.94	0.98	0.89	0.88	0.89	0.94	0.98				
SEASONAL PROFILE SEASONS		175 CDW_16													
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	1.00	0.98	0.93	0.88	0.86	0.88	0.89	1.00	0.98	0.93	0.88	0.86	0.88	0.89
2	WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.88	0.89	1.00	0.98	0.93	0.88	0.86	0.88	0.89
3	WKEND	1.00	0.98	0.93	0.88	0.86	0.88	0.89	1.00	0.98	0.93	0.88	0.86	0.88	0.89
SEASONAL PROFILE SEASONS		175 CDW_16													
SUBPERIODS		8	9	10	11	12	8	9	10	11	12				
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
1	WKDAY	0.89	0.88	0.89	0.94	0.98	0.89	0.88	0.89	0.94	0.98				
2	WKNIGHT	0.89	0.88	0.89	0.94	0.98	0.89	0.88	0.89	0.94	0.98				
3	WKEND	0.89	0.88	0.89	0.94	0.98	0.89	0.88	0.89	0.94	0.98				
SEASONAL PROFILE SEASONS		176 CDW_17													
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	1.00	0.98	0.93	0.88	0.86	0.88	0.89	1.00	0.98	0.93	0.88	0.86	0.88	0.89
2	WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.88	0.89	1.00	0.98	0.93	0.88	0.86	0.88	0.89
3	WKEND	1.00	0.98	0.93	0.88	0.86	0.88	0.89	1.00	0.98	0.93	0.88	0.86	0.88	0.89
SEASONAL PROFILE SEASONS		176 CDW_17													
SUBPERIODS		8	9	10	11	12	8	9	10	11	12				
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
1	WKDAY	0.89	0.88	0.89	0.94	0.98	0.89	0.88	0.89	0.94	0.98				
2	WKNIGHT	0.89	0.88	0.89	0.94	0.98	0.89	0.88	0.89	0.94	0.98				
3	WKEND	0.89	0.88	0.89	0.94	0.98	0.89	0.88	0.89	0.94	0.98				
SEASONAL PROFILE SEASONS		177 CDW_18													
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	0.89	0.88	0.89	0.94	0.98	0.89	0.88	0.89	0.94	0.98				
2	WKNIGHT	0.89	0.88	0.89	0.94	0.98	0.89	0.88	0.89	0.94	0.98				
3	WKEND	0.89	0.88	0.89	0.94	0.98	0.89	0.88	0.89	0.94	0.98				
SEASONAL PROFILE SEASONS		177 CDW_18													
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

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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													
SUBPERIODS		178 DRES_09											
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY					
		1	2	3	4	5	6	7					
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													
SUBPERIODS		178 DRES_09											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
		8	9	10	11	12							
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		179 DRES_13													
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7
1	WKDAY	0.87	0.87	0.82	0.78	0.78	0.81	0.84	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
2	WKNIGHT	0.87	0.87	0.82	0.78	0.78	0.81	0.84							
3	WKEND	0.87	0.87	0.82	0.78	0.78	0.81	0.84							
SEASONAL PROFILE SEASONS		179 DRES_13													
SUBPERIODS		8	9	10	11	12	8	9	10	11	12				
1	WKDAY	0.85	0.85	0.88	0.97	1.00	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
2	WKNIGHT	0.85	0.85	0.88	0.97	1.00									
3	WKEND	0.85	0.85	0.88	0.97	1.00									
SEASONAL PROFILE SEASONS		180 DRES_14													
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7
1	WKDAY	1.00	0.98	0.90	0.85	0.83	0.85	0.86	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
2	WKNIGHT	1.00	0.98	0.90	0.85	0.83	0.85	0.86							
3	WKEND	1.00	0.98	0.90	0.85	0.83	0.85	0.86							
SEASONAL PROFILE SEASONS		180 DRES_14													
SUBPERIODS		8	9	10	11	12	8	9	10	11	12				
1	WKDAY	0.86	0.85	0.86	0.93	0.96	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
2	WKNIGHT	0.86	0.85	0.86	0.93	0.96									
3	WKEND	0.86	0.85	0.86	0.93	0.96									
SEASONAL PROFILE SEASONS		181 DRES_15													
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7
1	WKDAY	1.00	0.98	0.90	0.85	0.83	0.85	0.86	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
2	WKNIGHT	1.00	0.98	0.90	0.85	0.83	0.85	0.86							
3	WKEND	1.00	0.98	0.90	0.85	0.83	0.85	0.86							
SEASONAL PROFILE SEASONS		181 DRES_15													
SUBPERIODS		8	9	10	11	12	8	9	10	11	12				
1	WKDAY	0.86	0.85	0.86	0.93	0.96	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
2	WKNIGHT	0.86	0.85	0.86	0.93	0.96									
3	WKEND	0.86	0.85	0.86	0.93	0.96									
SEASONAL PROFILE SEASONS		182 DRES_16													
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7
1	WKDAY	0.86	0.85	0.86	0.93	0.96	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY		
2	WKNIGHT	0.86	0.85	0.86	0.93	0.96									
3	WKEND	0.86	0.85	0.86	0.93	0.96									
SEASONAL PROFILE SEASONS		182 DRES_16													
SUBPERIODS		79													

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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												
182 DRES_16												
8	AUGUST											
9	SEPTEMBER											
10	OCTOBER											
11	NOVEMBER											
12	DECEMBER											
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												
183 DRES_17												
1	JANUARY											
2	FEBRUARY											
3	MARCH											
4	APRIL											
5	MAY											
6	JUNE											
7	JULY											
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												
183 DRES_17												
8	AUGUST											
9	SEPTEMBER											
10	OCTOBER											
11	NOVEMBER											
12	DECEMBER											
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												

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.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								

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SUBPERIODS		187 DRES_18											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							JULY
		8	9	10	11	12							7
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	WKENDD	1.00	0.98	0.91	0.87	0.85	0.86	0.88					
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS													
SUBPERIODS		188 DRES_19											
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE						JULY
		1	2	3	4	5	6						7
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	WKENDD	1.00	0.99	0.91	0.87	0.85	0.86	0.88					
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS													
SUBPERIODS		188 DRES_19											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
		8	9	10	11	12							
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	WKENDD	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		189 DRES_20						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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		189 DRES_20						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
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		191 LMRG_11						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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		191 LMRG_11						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.87	0.87	0.88	0.97	1.00		
2	WKNIGHT	0.87	0.87	0.88	0.97	1.00		
3	WKEND	0.87	0.87	0.88	0.97	1.00		
SEASONAL PROFILE		192 LMRG_12						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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		192 LMRG_12						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
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		193 LMRG_13						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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		

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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												
193 IMRG_13												
SUBPERIODS												
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												
194 IMRG_14												
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												
194 IMRG_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						

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.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
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	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		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
3 WKENDD		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
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
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	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		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
3 WKENDD		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
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
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	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		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
3 WKENDD		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
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		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
3 WKENDD		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
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		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
3 WKENDD		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								

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SUBPERIODS		198 LMRG_18													
		8	9	10	11	12							8		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							AUGUST		
1	WKDAY	1.00	0.98	0.93	0.88	0.86	0.87	0.89							1.00
2	WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.87	0.89							1.00
3	WKEND	1.00	0.98	0.93	0.88	0.86	0.87	0.89							1.00
SEASONAL PROFILE		198 LMRG_18													
SEASONS		8	9	10	11	12							8		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							AUGUST		
SUBPERIODS		198 LMRG_18													
		8	9	10	11	12							8		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							AUGUST		
1	WKDAY	0.89	0.88	0.89	0.94	0.98							0.89		
2	WKNIGHT	0.89	0.88	0.89	0.94	0.98							0.89		
3	WKEND	0.89	0.88	0.89	0.94	0.98							0.89		
SEASONAL PROFILE		198 LMRG_18													
SEASONS		8	9	10	11	12							8		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							AUGUST		
SUBPERIODS		198 LMRG_18													
		8	9	10	11	12							8		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							AUGUST		
1	WKDAY	1.00	0.98	0.93	0.88	0.86	0.87	0.89							1.00
2	WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.87	0.89							1.00
3	WKEND	1.00	0.98	0.93	0.88	0.86	0.87	0.89							1.00
SEASONAL PROFILE		198 LMRG_18													
SEASONS		8	9	10	11	12							8		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							AUGUST		
SUBPERIODS		198 LMRG_18													
		8	9	10	11	12							8		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							AUGUST		
1	WKDAY	0.89	0.88	0.89	0.94	0.98							0.89		
2	WKNIGHT	0.89	0.88	0.89	0.94	0.98							0.89		
3	WKEND	0.89	0.88	0.89	0.94	0.98							0.89		
SEASONAL PROFILE		198 LMRG_18													
SEASONS		8	9	10	11	12							8		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							AUGUST		
SUBPERIODS		198 LMRG_18													
		8	9	10	11	12							8		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							AUGUST		

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		200 IMRG_20						
SUBPERIODS		1	2	3	4	5	6	7
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		200 IMRG_20						
SUBPERIODS		8	9	10	11	12		
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		201 IMRG_21						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		1.00	0.98	0.93	0.89	0.88	0.89	0.90
2 WKNIGHT		1.00	0.98	0.93	0.89	0.88	0.89	0.90
3 WKEND		1.00	0.98	0.93	0.89	0.88	0.89	0.90
SEASONAL PROFILE SEASONS		201 IMRG_21						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		0.90	0.89	0.90	0.95	0.98		
2 WKNIGHT		0.90	0.89	0.90	0.95	0.98		
3 WKEND		0.90	0.89	0.90	0.95	0.98		
SEASONAL PROFILE SEASONS		203 RMONE_11						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.99	0.99	0.96	0.89	0.88	0.89	0.90
2 WKNIGHT		0.99	0.99	0.96	0.89	0.88	0.89	0.90
3 WKEND		0.99	0.99	0.96	0.89	0.88	0.89	0.90
SEASONAL PROFILE SEASONS		203 RMONE_11						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		0.91	0.91	0.93	0.96	1.00		
2 WKNIGHT		0.91	0.91	0.93	0.96	1.00		
3 WKEND		0.91	0.91	0.93	0.96	1.00		
SEASONAL PROFILE SEASONS		204 RMONE_12						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.91	0.91	0.93	0.96	1.00		
2 WKNIGHT		0.91	0.91	0.93	0.96	1.00		
3 WKEND		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 206 RMONE\_14 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

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 206 RMONE\_14 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

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 207 RMONE\_15 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

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 207 RMONE\_15 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

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 208 RMONE\_16 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

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 208 RMONE\_16 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

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 209 RMONE\_17 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

SUBPERIODS

4-Company East Optimization

SUBPERIODS		209 RMONE_17													
		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	WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.87	0.89							
SEASONAL PROFILE ENTRY															
3	WREND	1.00	0.98	0.93	0.88	0.86	0.87	0.89							
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS		210 RMONE_18													
		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	WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.87	0.89							
SEASONAL PROFILE ENTRY															
3	WREND	1.00	0.98	0.93	0.88	0.86	0.87	0.89							
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS		210 RMONE_18													
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER									
		8	9	10	11	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	WREND	0.89	0.88	0.89	0.94	0.98									
SEASONAL PROFILE ENTRY															



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE		211 RMONE_19						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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		211 RMONE_19						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
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		212 RMONE_20						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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		213 RMONE_21						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	0.98	0.93	0.89	0.88	0.89	0.90
2	WKNIGHT	1.00	0.98	0.93	0.89	0.88	0.89	0.90
3	WKEND	1.00	0.98	0.93	0.89	0.88	0.89	0.90
SEASONAL PROFILE		213 RMONE_21						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.90	0.89	0.90	0.95	0.98		
2	WKNIGHT	0.90	0.89	0.90	0.95	0.98		
3	WKEND	0.90	0.89	0.90	0.95	0.98		
SEASONAL PROFILE		215 DQMT_11						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.98	0.94	0.89	0.88	0.88	0.89	0.88	0.88	0.89	
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.98	0.94	0.89	0.88	0.88	0.89	0.88	0.88	0.89	
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.98	0.94	0.89	0.88	0.88	0.89	0.88	0.88	0.89	
SEASONAL PROFILE SEASONS		215	DOMI_11									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.89	0.88	0.89	0.94	0.96						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.89	0.88	0.89	0.94	0.96						
3	WKEND											
SEASONAL PROFILE ENTRY		0.89	0.88	0.89	0.94	0.96						
SEASONAL PROFILE SEASONS		216	DOMI_12									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.98	0.94	0.88	0.87	0.87	0.87	0.87	0.87	0.89	
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.98	0.94	0.88	0.87	0.87	0.87	0.87	0.87	0.89	
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.98	0.94	0.88	0.87	0.87	0.87	0.87	0.87	0.89	
SEASONAL PROFILE SEASONS		216	DOMI_12									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.89	0.88	0.89	0.93	0.95						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.89	0.88	0.89	0.93	0.95						
3	WKEND											
SEASONAL PROFILE ENTRY		0.89	0.88	0.89	0.93	0.95						

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		217 DOMI_13						
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	0.87	0.88	0.89
2	WKNIGHT	1.00	0.98	0.93	0.88	0.87	0.88	0.89
3	WKEND	1.00	0.98	0.93	0.88	0.87	0.88	0.89
SEASONAL PROFILE SEASONS		217 DOMI_13						
SUBPERIODS		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
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		218 DOMI_14						
SUBPERIODS		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	0.98	0.95	0.90	0.89	0.89	0.91
2	WKNIGHT	1.00	0.98	0.95	0.90	0.89	0.89	0.91
3	WKEND	1.00	0.98	0.95	0.90	0.89	0.89	0.91
SEASONAL PROFILE SEASONS		218 DOMI_14						
SUBPERIODS		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
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		219 DOMI_15						
SUBPERIODS		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	0.99	0.95	0.91	0.89	0.90	0.91
2	WKNIGHT	1.00	0.99	0.95	0.91	0.89	0.90	0.91
3	WKEND	1.00	0.99	0.95	0.91	0.89	0.90	0.91
SEASONAL PROFILE SEASONS		219 DOMI_15						
SUBPERIODS		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.91	0.90	0.91	0.95	0.97		
2	WKNIGHT	0.91	0.90	0.91	0.95	0.97		
3	WKEND	0.91	0.90	0.91	0.95	0.97		
SEASONAL PROFILE SEASONS		220 DOMI_16						
SUBPERIODS		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	0.91	0.90	0.91	0.95	0.97		
2	WKNIGHT	0.91	0.90	0.91	0.95	0.97		
3	WKEND	0.91	0.90	0.91	0.95	0.97		



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	222 DOMI_18	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	1.00	0.99	0.95	0.92	0.91	0.91	0.91	0.92
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	0.99	0.95	0.92	0.91	0.91	0.91	0.92
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	0.99	0.95	0.92	0.91	0.91	0.91	0.92
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	222 DOMI_18	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.92	0.91	0.92	0.95	0.97	0.97		
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.92	0.91	0.92	0.95	0.97	0.97		
SEASONAL PROFILE ENTRY								
3 WKEND	0.92	0.91	0.92	0.95	0.97	0.97		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	223 DOMI_19	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	1.00	0.99	0.96	0.92	0.91	0.91	0.91	0.93
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	0.99	0.96	0.92	0.91	0.91	0.91	0.93
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	0.99	0.96	0.92	0.91	0.91	0.91	0.93
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	223 DOMI_19	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.92	0.92	0.92	0.95	0.97	0.97		
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.92	0.92	0.92	0.95	0.97	0.97		
SEASONAL PROFILE ENTRY								
3 WKEND	0.92	0.92	0.92	0.95	0.97	0.97		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	224 DOMI_20	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	1.00	0.99	0.96	0.92	0.91	0.91	0.91	0.93
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	0.99	0.96	0.92	0.91	0.91	0.91	0.93
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	0.99	0.96	0.92	0.91	0.91	0.91	0.93
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	224 DOMI_20	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.92	0.92	0.92	0.95	0.97	0.97		
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.92	0.92	0.92	0.95	0.97	0.97		
SEASONAL PROFILE ENTRY								
3 WKEND	0.92	0.92	0.92	0.95	0.97	0.97		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	225 DOMI_21	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	0.92	0.92	0.92	0.95	0.97	0.97		
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.92	0.92	0.92	0.95	0.97	0.97		
SEASONAL PROFILE ENTRY								
3 WKEND	0.92	0.92	0.92	0.95	0.97	0.97		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	225 DOMI_21	1	2	3	4	5	6	7

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.92	0.91	0.92	0.92	0.92	0.92	0.92	0.93
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.92	0.91	0.92	0.92	0.92	0.92	0.92	0.93
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.92	0.91	0.92	0.92	0.92	0.92	0.92	0.93
SEASONAL PROFILE												
SEASONS												
225 DOMI_21												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.93	0.92	0.93	0.95	0.97						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.93	0.92	0.93	0.95	0.97						
3	WKEND											
SEASONAL PROFILE ENTRY		0.93	0.92	0.93	0.95	0.97						
SEASONAL PROFILE												
SEASONS												
226 DOMI_22												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.92	0.92	0.92	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	0.92	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	0.92	0.93
SEASONAL PROFILE												
SEASONS												
226 DOMI_22												
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 227 DOMI\_23 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 227 DOMI\_23 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 228 DOMI\_24 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 228 DOMI\_24 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 229 DOMI\_25 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 229 DOMI\_25 AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.93 0.93 0.93 0.96 0.98  
 2 WKNIGHT 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 230 DOMI\_26 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	0.94				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.93	0.92	0.92	0.94				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.93	0.92	0.92	0.94				
SEASONAL PROFILE SEASONS												
230 DOMI_26												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.93	0.93	0.93	0.96	0.98						
2	WKNIGHT											
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												
231 DOMI_27												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.93	0.93	0.93	0.94				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.93	0.93	0.93	0.94				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.93	0.93	0.93	0.94				
SEASONAL PROFILE SEASONS												
231 DOMI_27												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.93	0.94	0.96	0.98						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.94	0.93	0.94	0.96	0.98						
3	WKEND											
SEASONAL PROFILE ENTRY		0.94	0.93	0.94	0.96	0.98						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	232 DOMI_28	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.94
2 WKNGHT	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.94
3 WKEND	1.00	0.99	0.96	0.93	0.93	0.93	0.93	0.94
SEASONAL PROFILE SEASONS	232 DOMI_28	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.94	0.93	0.94	0.96	0.96	0.98		
2 WKNGHT	0.94	0.93	0.94	0.96	0.96	0.98		
3 WKEND	0.94	0.93	0.94	0.96	0.96	0.98		
SEASONAL PROFILE SEASONS	233 DOMI_29	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	1.00	0.99	0.96	0.94	0.94	0.93	0.93	0.94
2 WKNGHT	1.00	0.99	0.96	0.94	0.94	0.93	0.93	0.94
3 WKEND	1.00	0.99	0.96	0.94	0.94	0.93	0.93	0.94
SEASONAL PROFILE SEASONS	233 DOMI_29	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.94	0.93	0.94	0.96	0.96	0.98		
2 WKNGHT	0.94	0.93	0.94	0.96	0.96	0.98		
3 WKEND	0.94	0.93	0.94	0.96	0.96	0.98		
SEASONAL PROFILE SEASONS	234 DOMI_30	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 WKNGHT	1.00	0.99	0.96	0.94	0.94	0.93	0.93	0.94
3 WKEND	1.00	0.99	0.96	0.94	0.94	0.93	0.93	0.94
SEASONAL PROFILE SEASONS	234 DOMI_30	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.94	0.93	0.94	0.96	0.96	0.98		
2 WKNGHT	0.94	0.93	0.94	0.96	0.96	0.98		
3 WKEND	0.94	0.93	0.94	0.96	0.96	0.98		
SEASONAL PROFILE SEASONS	235 DOMI_31	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	0.94	0.93	0.94	0.96	0.96	0.98		
2 WKNGHT	0.94	0.93	0.94	0.96	0.96	0.98		
3 WKEND	0.94	0.93	0.94	0.96	0.96	0.98		
SEASONAL PROFILE SEASONS	235 DOMI_31	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.94	0.93	0.94	0.96	0.96	0.98		
2 WKNGHT	0.94	0.93	0.94	0.96	0.96	0.98		
3 WKEND	0.94	0.93	0.94	0.96	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	0.93	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												
235 DOMI_31												
	AUGUST 8		SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12						
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.94	0.93	0.94	0.96	0.98						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.94	0.93	0.94	0.96	0.98						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.94	0.93	0.94	0.96	0.98						
SEASONAL PROFILE SEASONS												
236 DOMI_32												
	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	0.93	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	0.94			
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.97	0.94	0.93	0.93	0.93	0.94			
SEASONAL PROFILE SEASONS												
236 DOMI_32												
	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12							
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.94	0.93	0.94	0.96	0.98						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.94	0.93	0.94	0.96	0.98						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.94	0.93	0.94	0.96	0.98						



4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.97	0.94	0.94	0.94	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	0.94	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	0.94	0.94	0.94	0.95
SEASONAL PROFILE												
SEASONS												
240 DOMI_36												
	AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12		
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.94	0.96	0.96	0.98	0.98			
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.94	0.96	0.96	0.98	0.98			
3	WKEND											
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.94	0.96	0.96	0.98	0.98			
SEASONAL PROFILE												
SEASONS												
241 DOMI_37												
	JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4	MAY	5	JUNE	6
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	0.95
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	0.95
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	0.95
SEASONAL PROFILE												
SEASONS												
241 DOMI_37												
	AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12		
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.94	0.96	0.96	0.98	0.98			
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.94	0.96	0.96	0.98	0.98			
3	WKEND											
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.94	0.96	0.96	0.98	0.98			







4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		5.00	4.99	5.01	5.03	5.00	5.00	5.00	5.00	5.00	5.00	5.00
2	WKNIGHT											
SEASONAL PROFILE ENTRY		5.00	4.99	5.01	5.03	5.00	5.00	5.00	5.00	5.00	5.00	5.00
3	WKEND											
SEASONAL PROFILE ENTRY		5.00	4.99	5.01	5.03	5.00	5.00	5.00	5.00	5.00	5.00	5.00
SEASONAL PROFILE SEASONS												
		254	COOKI_13									
		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12	
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		5.01	5.01	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
2	WKNIGHT											
SEASONAL PROFILE ENTRY		5.01	5.01	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
3	WKEND											
SEASONAL PROFILE ENTRY		5.01	5.01	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
SEASONAL PROFILE SEASONS												
		255	COOKI_14									
		JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4	MAY	5	JUNE
												JULY
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 SEASONS												
		255	COOKI_14									
		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12	
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



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	256 COOK1_15	1 JANUARY	2 FEBRUARY	3 MARCH	4 APRIL	5 MAY	6 JUNE	7 JULY
SUBPERIODS								
1 WKDAY	5.00	5.00	5.00	5.00	5.00	4.99	5.00	5.00
SEASONAL PROFILE ENTRY								
2 WKNIGHT	5.00	5.00	5.00	5.00	5.00	4.99	5.00	5.00
SEASONAL PROFILE ENTRY								
3 WKEND	5.00	5.00	5.00	5.00	5.00	4.99	5.00	5.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	256 COOK1_15	8 AUGUST	9 SEPTEMBER	10 OCTOBER	11 NOVEMBER	12 DECEMBER		
SUBPERIODS								
1 WKDAY	5.00	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	5.00
SEASONAL PROFILE ENTRY								
3 WKEND	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	257 COOK1_16	8 AUGUST	9 SEPTEMBER	10 OCTOBER	11 NOVEMBER	12 DECEMBER		
SUBPERIODS								
1 WKDAY	5.00	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	5.00
SEASONAL PROFILE ENTRY								
3 WKEND	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	258 COOK1_17	1 JANUARY	2 FEBRUARY	3 MARCH	4 APRIL	5 MAY	6 JUNE	7 JULY
SUBPERIODS								
1 WKDAY	5.00	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	5.00
SEASONAL PROFILE ENTRY								
3 WKEND	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	258 COOK1_17	8 AUGUST	9 SEPTEMBER	10 OCTOBER	11 NOVEMBER	12 DECEMBER		
SUBPERIODS								
1 WKDAY	5.00	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	5.00
SEASONAL PROFILE ENTRY								
3 WKEND	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	259 COOK1_18	1 JANUARY	2 FEBRUARY	3 MARCH	4 APRIL	5 MAY	6 JUNE	7 JULY
SUBPERIODS								
1 WKDAY	5.00	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	5.00
SEASONAL PROFILE ENTRY								
3 WKEND	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
SEASONAL PROFILE ENTRY								

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 SEASONS												
259 COOKI_18												
8	AUGUST											
9	SEPTEMBER											
10	OCTOBER											
11	NOVEMBER											
12	DECEMBER											
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		5.00	4.99	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	4.99	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	4.99	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
SEASONAL PROFILE SEASONS												
260 COOKI_19												
1	JANUARY											
2	FEBRUARY											
3	MARCH											
4	APRIL											
5	MAY											
6	JUNE											
7	JULY											
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 SEASONS												
260 COOKI_19												
8	AUGUST											
9	SEPTEMBER											
10	OCTOBER											
11	NOVEMBER											
12	DECEMBER											
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

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE		261 COOKI_20						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	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
3	WKEND	5.00	5.00	5.00	5.00	5.00	5.00	5.00

SEASONAL PROFILE		261 COOKI_20						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	5.00	5.00	5.00	5.00	5.00		
2	WKNIGHT	5.00	5.00	5.00	5.00	5.00		
3	WKEND	5.00	5.00	5.00	5.00	5.00		

SEASONAL PROFILE		264 NOX 11						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	485.00	485.00	485.00	485.00	530.00	530.00	530.00
2	WKNIGHT	485.00	485.00	485.00	485.00	530.00	530.00	530.00
3	WKEND	485.00	485.00	485.00	485.00	530.00	530.00	530.00

SEASONAL PROFILE		264 NOX 11						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	530.00	530.00	485.00	485.00	485.00		
2	WKNIGHT	530.00	530.00	485.00	485.00	485.00		
3	WKEND	530.00	530.00	485.00	485.00	485.00		

SEASONAL PROFILE		265 NOX 12						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	650.00	650.00	650.00	650.00	2050.00	2050.00	2050.00
2	WKNIGHT	650.00	650.00	650.00	650.00	2050.00	2050.00	2050.00
3	WKEND	650.00	650.00	650.00	650.00	2050.00	2050.00	2050.00

SEASONAL PROFILE		265 NOX 12						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	2050.00	2050.00	650.00	650.00	650.00		
2	WKNIGHT	2050.00	2050.00	650.00	650.00	650.00		
3	WKEND	2050.00	2050.00	650.00	650.00	650.00		

SEASONAL PROFILE		266 NOX 13						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	109						
2	WKNIGHT							
3	WKEND							

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	550.00	550.00	550.00	550.00	1650.00	1650.00	1650.00	1650.00	1650.00	1650.00	1650.00
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	550.00	550.00	550.00	550.00	1650.00	1650.00	1650.00	1650.00	1650.00	1650.00	1650.00
3	WKEND											
	SEASONAL PROFILE ENTRY	550.00	550.00	550.00	550.00	1650.00	1650.00	1650.00	1650.00	1650.00	1650.00	1650.00
SEASONAL PROFILE SEASONS		266 NOX 13										
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1650.00	1650.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	1650.00	1650.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00
3	WKEND											
	SEASONAL PROFILE ENTRY	1650.00	1650.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00
SEASONAL PROFILE SEASONS		267 NOX 14										
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	450.00	450.00	450.00	450.00	1250.00	1250.00	1250.00	1250.00	1250.00	1250.00	1250.00
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	450.00	450.00	450.00	450.00	1250.00	1250.00	1250.00	1250.00	1250.00	1250.00	1250.00
3	WKEND											
	SEASONAL PROFILE ENTRY	450.00	450.00	450.00	450.00	1250.00	1250.00	1250.00	1250.00	1250.00	1250.00	1250.00
SEASONAL PROFILE SEASONS		267 NOX 14										
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1250.00	1250.00	450.00	450.00	450.00	450.00	450.00	450.00	450.00	450.00	450.00
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	1250.00	1250.00	450.00	450.00	450.00	450.00	450.00	450.00	450.00	450.00	450.00
3	WKEND											
	SEASONAL PROFILE ENTRY	1250.00	1250.00	450.00	450.00	450.00	450.00	450.00	450.00	450.00	450.00	450.00







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	WKNIIGHT											
SEASONAL PROFILE ENTRY		5.00	5.01	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.99
3	WKEND											
SEASONAL PROFILE ENTRY		5.00	5.01	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.99
SEASONAL PROFILE SEASONS												
277 COOK2_11												
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	WKNIIGHT											
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 SEASONS												
278 COOK2_12												
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	WKNIIGHT											
SEASONAL PROFILE ENTRY		5.00	5.00	5.00	5.00	5.00	5.00	5.02	5.00	5.00	5.00	5.00
3	WKEND											
SEASONAL PROFILE ENTRY		5.00	5.00	5.00	5.00	5.00	5.02	5.00	5.00	5.00	5.00	4.99
SEASONAL PROFILE SEASONS												
278 COOK2_12												
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	WKNIIGHT											
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



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

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



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	284 COOK2_18	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		5.00		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		5.00	
3 WKEND		5.00		5.00		5.00		5.01		5.00		5.00		5.00	
SEASONAL PROFILE SEASONS	284 COOK2_18	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY		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	
3 WKEND		5.00		5.00		5.00		5.00		5.00		5.00		5.00	
SEASONAL PROFILE SEASONS	285 COOK2_19	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY		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	
3 WKEND		5.00		5.00		5.00		5.00		5.00		5.00		5.00	
SEASONAL PROFILE SEASONS	286 COOK2_20	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		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	
3 WKEND		5.00		5.00		5.00		5.00		5.00		5.00		5.00	
SEASONAL PROFILE SEASONS	286 COOK2_20	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY		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	
3 WKEND		5.00		5.00		5.00		5.00		5.00		5.00		5.00	
SEASONAL PROFILE SEASONS	290 R_BS_11	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		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	
3 WKEND		5.00		5.00		5.00		5.00		5.00		5.00		5.00	

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
3	WKEND											
SEASONAL PROFILE ENTRY		0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE SEASONS		290	R_BS_11									
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	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	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	0.99
SEASONAL PROFILE SEASONS		291	BIGS_12									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97
SEASONAL PROFILE SEASONS		291	BIGS_12									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.97	0.98	0.99	0.98	0.98	0.99	0.98	0.99	0.99	0.99	0.99
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.97	0.98	0.99	0.98	0.98	0.99	0.98	0.99	0.99	0.99	0.99
3	WKEND											
SEASONAL PROFILE ENTRY		0.97	0.98	0.99	0.98	0.98	0.99	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 293 R\_CDI\_11  
SEASONS JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7

SUBPERIODS  
1 WKDAY SEASONAL PROFILE ENTRY 0.93 0.93 0.93 0.92 0.92 0.92 0.88

2 WKNIIGHT SEASONAL PROFILE ENTRY 0.93 0.93 0.93 0.92 0.92 0.92 0.88

3 WKEND SEASONAL PROFILE ENTRY 0.93 0.93 0.93 0.92 0.92 0.92 0.88

SEASONAL PROFILE 293 R\_CDI\_11  
SEASONS AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS  
1 WKDAY SEASONAL PROFILE ENTRY 0.96 0.97 0.97 1.00 1.00

2 WKNIIGHT SEASONAL PROFILE ENTRY 0.96 0.97 0.97 1.00 1.00

3 WKEND SEASONAL PROFILE ENTRY 0.96 0.97 0.97 1.00 1.00

SEASONAL PROFILE 294 R\_CDI\_12  
SEASONS JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7

SUBPERIODS  
1 WKDAY SEASONAL PROFILE ENTRY 0.99 0.99 1.00 0.97 0.97 0.98 1.00

2 WKNIIGHT SEASONAL PROFILE ENTRY 0.99 0.99 1.00 0.97 0.97 0.98 1.00

3 WKEND SEASONAL PROFILE ENTRY 0.99 0.99 1.00 0.97 0.97 0.98 1.00

SEASONAL PROFILE 294 R\_CDI\_12  
SEASONS AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS  
1 WKDAY SEASONAL PROFILE ENTRY 0.99 0.96 0.96 0.96 0.96

2 WKNIIGHT SEASONAL PROFILE ENTRY 0.99 0.96 0.96 0.96 0.96

3 WKEND SEASONAL PROFILE ENTRY 0.99 0.96 0.96 0.96 0.96

SEASONAL PROFILE 296 R\_CD2\_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 1.00

2 WKNIIGHT SEASONAL PROFILE ENTRY 0.98 0.98 0.98 0.98 0.98 0.98 1.00

3 WKEND SEASONAL PROFILE ENTRY 0.98 0.98 0.98 0.98 0.98 0.98 1.00

SEASONAL PROFILE 296 R\_CD2\_11  
SEASONS 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

2 WKNIIGHT SEASONAL PROFILE ENTRY 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

SEASONAL PROFILE 297 R\_CD2\_12  
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 1.00 1.00

2 WKNIIGHT SEASONAL PROFILE ENTRY 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

SEASONAL PROFILE 297 R\_CD2\_12  
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 1.00 1.00

2 WKNIIGHT SEASONAL PROFILE ENTRY 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

4-Company East Optimization

SUBPERIODS		297 R_CD2_12											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							JULY
		8	9	10	11	12							7
1	WKDAY	0.98	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.99
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.98	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.99
SEASONAL PROFILE ENTRY													
3	WKEND	0.98	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.99
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS		300 R_CLR_11											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							JULY
		8	9	10	11	12							7
1	WKDAY	0.94	0.96	0.99	0.94	1.00	0.92	0.92	0.92	0.92	0.92	0.93	
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.94	0.96	0.99	0.94	1.00	0.92	0.92	0.92	0.92	0.92	0.93	
SEASONAL PROFILE ENTRY													
3	WKEND	0.94	0.96	0.99	0.94	1.00	0.92	0.92	0.92	0.92	0.92	0.93	
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS		300 R_CLR_11											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							JULY
		8	9	10	11	12							7
1	WKDAY	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	
SEASONAL PROFILE ENTRY													
3	WKEND	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	
SEASONAL PROFILE ENTRY													

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

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

4-Company East Optimization

SUBPERIODS		306 R_CV5_11											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
		8	9	10	11	12							
SEASONAL PROFILE	SEASONS												
1 WKDAY	1	0.95	0.95	0.95	0.94	0.92	0.98	0.99					
SEASONAL PROFILE ENTRY													
2 WKNIGHT	2	0.95	0.95	0.95	0.94	0.92	0.98	0.99					
SEASONAL PROFILE ENTRY													
3 WKEND	3	0.95	0.95	0.95	0.94	0.92	0.98	0.99					
SEASONAL PROFILE ENTRY													
SUBPERIODS		307 R_CV5_12											
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY					
		1	2	3	4	5	6	7					
SEASONAL PROFILE	SEASONS												
1 WKDAY	1	1.00	1.00	0.97	0.98	0.99	0.96	0.99					
SEASONAL PROFILE ENTRY													
2 WKNIGHT	2	1.00	1.00	0.97	0.98	0.99	0.96	0.99					
SEASONAL PROFILE ENTRY													
3 WKEND	3	1.00	1.00	0.97	0.98	0.99	0.96	0.99					
SEASONAL PROFILE ENTRY													
SUBPERIODS		307 R_CV5_12											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
		8	9	10	11	12							
SEASONAL PROFILE	SEASONS												
1 WKDAY	1	0.98	1.00	1.00	0.99	1.00							
SEASONAL PROFILE ENTRY													
2 WKNIGHT	2	0.98	1.00	1.00	0.99	1.00							
SEASONAL PROFILE ENTRY													
3 WKEND	3	0.98	1.00	1.00	0.99	1.00							
SEASONAL PROFILE ENTRY													



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 0.99

2 WKNIGHT SEASONAL PROFILE ENTRY 0.96 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 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 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

3 WKEND SEASONAL PROFILE ENTRY 0.99 0.99 0.99 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

2 WKNIGHT SEASONAL PROFILE ENTRY 0.95 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

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

2 WKNIGHT SEASONAL PROFILE ENTRY 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

SEASONAL PROFILE 313 R\_GLS\_12 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

2 WKNIGHT SEASONAL PROFILE ENTRY 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

SEASONAL PROFILE 313 R\_GLS\_12 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

2 WKNIGHT SEASONAL PROFILE ENTRY 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

SEASONAL PROFILE 313 R\_GLS\_12 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

2 WKNIGHT SEASONAL PROFILE ENTRY 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

SEASONAL PROFILE 313 R\_GLS\_12 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

2 WKNIGHT SEASONAL PROFILE ENTRY 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

SEASONAL PROFILE 313 R\_GLS\_12 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

2 WKNIGHT SEASONAL PROFILE ENTRY 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

SEASONAL PROFILE 313 R\_GLS\_12 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

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	0.87	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	0.87	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	0.87	0.89
	SEASONAL PROFILE SEASONS	313 R_GL5_12										
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.90	0.90	0.90
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.90	0.90	0.90
3	WKEND											
	SEASONAL PROFILE ENTRY	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.90	0.90	0.90
	SEASONAL PROFILE SEASONS	315 R_MTN_11										
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	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	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	315 R_MTN_11										
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.98	0.98	0.98	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	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	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		316 R_MTN_12						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	0.98	0.94	0.98	0.98	1.00	1.00	1.00
2	WKNIGHT	0.98	0.94	0.98	0.98	1.00	1.00	1.00
3	WKEND	0.98	0.94	0.98	0.98	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		316 R_MTN_12						
SUBPERIODS		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
1	WKDAY	0.98	0.97	0.92	0.94	0.98		
2	WKNIGHT	0.98	0.97	0.92	0.94	0.98		
3	WKEND	0.98	0.97	0.92	0.94	0.98		
SEASONAL PROFILE SEASONS		318 R_KMR_11						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	1.00	1.00	1.00	0.99	0.99	0.99	0.97
2	WKNIGHT	1.00	1.00	1.00	0.99	0.99	0.99	0.97
3	WKEND	1.00	1.00	1.00	0.99	0.99	0.99	0.97
SEASONAL PROFILE SEASONS		319 R_KMR_12						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	1.00	1.00	1.00	0.99	1.00	0.99	0.99
2	WKNIGHT	1.00	1.00	1.00	0.99	1.00	0.99	0.99
3	WKEND	1.00	1.00	1.00	0.99	1.00	0.99	0.99
SEASONAL PROFILE SEASONS		319 R_KMR_12						
SUBPERIODS		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
1	WKDAY	0.99	0.99	0.99	0.99	1.00		
2	WKNIGHT	0.99	0.99	0.99	0.99	1.00		
3	WKEND	0.99	0.99	0.99	0.99	1.00		
SEASONAL PROFILE SEASONS		321 R_KMA_11						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	1.25						

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												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	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	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	1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE												
SEASONS												
322 R_KWA_12												
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
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												
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

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE 324 R\_MTT\_11

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

SUBPERIODS  
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 324 R\_MTT\_11

SEASONS AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS  
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 325 R\_MTT\_12

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

SUBPERIODS  
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 325 R\_MTT\_12

SEASONS AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS  
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 327 MRI-4\_11

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

SUBPERIODS  
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 327 MRI-4\_11

SEASONS AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS  
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 328 MRI-4\_12

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

SUBPERIODS  
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 Fast Optimization

SUBPERIODS		337 R_RCK_11											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
		8	9	10	11	12							
1	WKDAY	0.94	1.00	0.99	0.97	0.97	0.94	0.94	0.91				
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.94	1.00	0.99	0.97	0.97	0.94	0.94	0.91				
SEASONAL PROFILE ENTRY													
3	WKEND	0.94	1.00	0.99	0.97	0.97	0.94	0.94	0.91				
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS		338 R_RCK_12											
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY					
		1	2	3	4	5	6	7					
1	WKDAY	0.96	0.98	0.98	0.92	0.96	0.96	0.97					
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.96	0.98	0.98	0.92	0.96	0.96	0.97					
SEASONAL PROFILE ENTRY													
3	WKEND	0.96	0.98	0.98	0.92	0.96	0.96	0.97					
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS		338 R_RCK_12											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
		8	9	10	11	12							
1	WKDAY	0.97	0.96	0.97	0.98	1.00							
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.97	0.96	0.97	0.98	1.00							
SEASONAL PROFILE ENTRY													
3	WKEND	0.97	0.96	0.97	0.98	1.00							
SEASONAL PROFILE ENTRY													



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE		340 R_TNR_11						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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

SEASONAL PROFILE		340 R_TNR_11						
SEASONS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.99	0.99	0.98	0.98	0.96		
2	WKNIGHT	0.99	0.99	0.98	0.98	0.96		
3	WKEND	0.99	0.99	0.98	0.98	0.96		

SEASONAL PROFILE		341 R_TNR_12						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	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
3	WKEND	0.98	0.97	0.97	0.98	1.00	0.98	0.96

SEASONAL PROFILE		341 R_TNR_12						
SEASONS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.96	0.98	0.97	0.97	0.97		
2	WKNIGHT	0.96	0.98	0.97	0.97	0.97		
3	WKEND	0.96	0.98	0.97	0.97	0.97		

SEASONAL PROFILE		343 R_TC4_11						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	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
3	WKEND	0.91	0.91	0.91	0.89	0.96	0.98	0.98

SEASONAL PROFILE		343 R_TC4_11						
SEASONS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.97	0.98	0.96	0.96	1.00		
2	WKNIGHT	0.97	0.98	0.96	0.96	1.00		
3	WKEND	0.97	0.98	0.96	0.96	1.00		

SEASONAL PROFILE		344 R_TC4_12						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY



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

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		351 EMIS_08														
SUBPERIODS		1														
1	WKDAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY								
2	WK NIGHT	1.00	0.92	0.98	0.65	0.50	0.61	0.90								
3	WK END	1.00	0.92	0.98	0.65	0.50	0.61	0.90								
SEASONAL PROFILE SEASONS		351 EMIS_08														
SUBPERIODS		8														
1	WKDAY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER										
2	WK NIGHT	0.90	0.56	0.55	0.68	0.75										
3	WK END	0.90	0.56	0.55	0.68	0.75										
SEASONAL PROFILE SEASONS		352 EMIS_09														
SUBPERIODS		1														
1	WKDAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY								
2	WK NIGHT	0.98	0.92	0.96	0.70	0.55	0.70	1.00								
3	WK END	0.98	0.92	0.96	0.70	0.55	0.70	1.00								
SEASONAL PROFILE SEASONS		352 EMIS_09														
SUBPERIODS		8														
1	WKDAY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER										
2	WK NIGHT	1.00	0.64	0.67	0.80	0.87										
3	WK END	1.00	0.64	0.67	0.80	0.87										
SEASONAL PROFILE SEASONS		353 EMIS_10														
SUBPERIODS		1														
1	WKDAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY								
2	WK NIGHT	1.00	0.94	0.96	0.68	0.53	0.72	1.00								
3	WK END	1.00	0.94	0.96	0.68	0.53	0.72	1.00								
SEASONAL PROFILE SEASONS		353 EMIS_10														
SUBPERIODS		8														
1	WKDAY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER										
2	WK NIGHT	1.00	0.62	0.68	0.81	0.87										
3	WK END	1.00	0.62	0.68	0.81	0.87										
SEASONAL PROFILE SEASONS		354 EMIS_11														
SUBPERIODS		1														
1	WKDAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY								
2	WK NIGHT	1.00	0.62	0.68	0.81	0.87										
3	WK END	1.00	0.62	0.68	0.81	0.87										

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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												
356 EMIS_13												
SUBPERIODS												
1	WKDAY		1	2	3	4	5	6	7			
SEASONAL PROFILE ENTRY												
		0.97	0.92	0.95	0.70	0.51	0.66	0.98				
2	WKNIGHT											
SEASONAL PROFILE ENTRY												
		0.97	0.92	0.95	0.70	0.51	0.66	0.98				
3	WKEEND											
SEASONAL PROFILE ENTRY												
		1.00	1.00	1.00	1.00	1.00	1.00	1.00				
SEASONAL PROFILE												
356 EMIS_13												
SEASONS												
8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER			
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY												
		1.00	0.62	0.63	0.77	0.85						
2	WKNIGHT											
SEASONAL PROFILE ENTRY												
		1.00	0.62	0.63	0.77	0.85						
3	WKEEND											
SEASONAL PROFILE ENTRY												
		1.00	1.00	1.00	1.00	1.00						
SEASONAL PROFILE												
357 EMIS_14												
SEASONS												
8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER			
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY												
		0.99	0.94	0.97	0.71	0.51	0.68	0.99				
2	WKNIGHT											
SEASONAL PROFILE ENTRY												
		0.99	0.94	0.97	0.71	0.51	0.68	0.99				
3	WKEEND											
SEASONAL PROFILE ENTRY												
		1.00	1.00	1.00	1.00	1.00	1.00	1.00				
SEASONAL PROFILE												
358 EMIS_14												
SEASONS												
8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER			
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	WKEEND											
SEASONAL PROFILE ENTRY												
		1.00	0.98	0.93	0.88	0.86	0.87	0.89				
SEASONAL PROFILE												
358 CDW_19												
SEASONS												
8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER			
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	WKEEND											
SEASONAL PROFILE ENTRY												
		0.89	0.88	0.89	0.94	0.98						
SEASONAL PROFILE												
360 AM3_CFI1												
SEASONS												
1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7
SUBPERIODS												
SEASONAL PROFILE ENTRY												





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE 362 CDW\_20  
SEASONS 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 362 CDW\_20  
SEASONS 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 364 DAR\_11  
SEASONS JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7

SUBPERIODS  
1 WKDAY 0.99 0.99 0.96 0.92 0.91 0.92 0.93

SEASONAL PROFILE ENTRY  
2 WKNIGHT 0.99 0.99 0.96 0.92 0.91 0.92 0.93

SEASONAL PROFILE ENTRY  
3 WKEND 0.99 0.99 0.96 0.92 0.91 0.92 0.93

SEASONAL PROFILE 364 DAR\_11  
SEASONS AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS  
1 WKDAY 0.94 0.94 0.96 0.96 1.00

SEASONAL PROFILE ENTRY  
2 WKNIGHT 0.94 0.94 0.96 0.96 1.00

SEASONAL PROFILE ENTRY  
3 WKEND 0.94 0.94 0.96 0.96 1.00

SEASONAL PROFILE 365 DAR\_12  
SEASONS JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7

SUBPERIODS  
1 WKDAY 1.00 1.00 0.97 0.90 0.89 0.90 0.91

SEASONAL PROFILE ENTRY  
2 WKNIGHT 1.00 1.00 0.97 0.90 0.89 0.90 0.91

SEASONAL PROFILE ENTRY  
3 WKEND 1.00 1.00 0.97 0.90 0.89 0.90 0.91

SEASONAL PROFILE 365 DAR\_12  
SEASONS AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS  
1 WKDAY 0.92 0.92 0.93 0.95 0.99

SEASONAL PROFILE ENTRY  
2 WKNIGHT 0.92 0.92 0.93 0.95 0.99

SEASONAL PROFILE ENTRY  
3 WKEND 0.92 0.92 0.93 0.95 0.99

SEASONAL PROFILE 366 DAR\_13  
SEASONS JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7

SUBPERIODS  
1 WKDAY 0.92 0.92 0.93 0.95 0.99

SEASONAL PROFILE ENTRY  
2 WKNIGHT 0.92 0.92 0.93 0.95 0.99

SEASONAL PROFILE ENTRY  
3 WKEND 0.92 0.92 0.93 0.95 0.99

SEASONAL PROFILE 366 DAR\_13  
SEASONS JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7

SUBPERIODS  
1 WKDAY 0.92 0.92 0.93 0.95 0.99

SEASONAL PROFILE ENTRY  
2 WKNIGHT 0.92 0.92 0.93 0.95 0.99

SEASONAL PROFILE ENTRY  
3 WKEND 0.92 0.92 0.93 0.95 0.99

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SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.86	0.85	0.83	0.80	0.80	0.80	0.83	0.83	0.86		
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.86	0.85	0.83	0.80	0.80	0.80	0.83	0.83	0.86		
3	WKEND											
SEASONAL PROFILE ENTRY		0.86	0.85	0.83	0.80	0.80	0.80	0.83	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	0.88	0.89			
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.98	0.93	0.88	0.87	0.88	0.88	0.89			
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.98	0.93	0.88	0.87	0.88	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						

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	368 DAR_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	0.88	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	368 DAR_15	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	369 DAR_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	0.88	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	370 DAR_17	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
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	371 DAR_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		
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								



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

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

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.98	0.93	0.88	0.86	0.88	0.86	0.88	0.89		
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.98	0.93	0.88	0.86	0.88	0.86	0.88	0.89		
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.98	0.93	0.88	0.86	0.88	0.86	0.88	0.89		
SEASONAL PROFILE SEASONS		376 WTR_15										
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		377 WTR_16										
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.98	0.93	0.88	0.86	0.88	0.86	0.88	0.89		
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.98	0.93	0.88	0.86	0.88	0.86	0.88	0.89		
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.98	0.93	0.88	0.86	0.88	0.86	0.88	0.89		
SEASONAL PROFILE SEASONS		377 WTR_16										
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	378 WTR_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	0.88	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	378 WTR_17	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	379 WTR_18	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	379 WTR_18	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	380 WTR_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
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	380 WTR_19	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	381 WTR_20	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								

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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		381	WTR_20									
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		383	R_AM1_11									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.98	0.98	1.00	1.00	0.97	0.96	0.92				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.98	0.98	1.00	1.00	0.97	0.96	0.92				
3	WKEND											
SEASONAL PROFILE ENTRY		0.98	0.98	1.00	1.00	0.97	0.96	0.92				
SEASONAL PROFILE SEASONS		383	R_AM1_11									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.89	0.86	0.84	0.84	0.96						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.89	0.86	0.84	0.84	0.96						
3	WKEND											
SEASONAL PROFILE ENTRY		0.89	0.86	0.84	0.84	0.96						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE		384 R_AM1_12						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
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	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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		387 R_AM2_12						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
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	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SUBPERIODS								
1	WKDAY							
SEASONAL PROFILE ENTRY								
2	WKNIGHT							
SEASONAL PROFILE ENTRY								
3	WKEND							
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE		389 R_AM3_11						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SUBPERIODS								
1	WKDAY							
SEASONAL PROFILE ENTRY								
2	WKNIGHT							
SEASONAL PROFILE ENTRY								
3	WKEND							
SEASONAL PROFILE ENTRY								



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE 392 R\_CD3\_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 1.00  
 2 WKNIGHT SEASONAL PROFILE ENTRY 0.99 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 0.99 1.00

SEASONAL PROFILE 392 R\_CD3\_11 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  
 3 WKEND SEASONAL PROFILE ENTRY 1.00 1.00 1.00 1.00 1.00

SEASONAL PROFILE 393 R\_CD3\_12 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 1.00  
 2 WKNIGHT SEASONAL PROFILE ENTRY 0.99 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 0.99 1.00

SEASONAL PROFILE 393 R\_CD3\_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  
 2 WKNIGHT SEASONAL PROFILE ENTRY 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

SEASONAL PROFILE 395 R\_PW5\_11 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

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 395 R\_PW5\_11 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.78 0.78 0.78 0.78 0.78 0.78  
 2 WKNIGHT SEASONAL PROFILE ENTRY 0.78 0.78 0.78 0.78 0.78  
 3 WKEND SEASONAL PROFILE ENTRY 0.78 0.78 0.78 0.78

SEASONAL PROFILE 396 R\_PW5\_12 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

SUBPERIODS

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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										
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										
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.95	0.89	0.92	0.67	0.50	0.66	0.66	0.96			
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.95	0.89	0.92	0.67	0.50	0.66	0.66	0.96			
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
SEASONAL PROFILE SEASONS		440 Emis_15										
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						

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	441 Emts_16	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.92	0.95	0.67	0.49	0.72	0.99
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.92	0.95	0.67	0.49	0.72	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	441 Emts_16	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.99	0.57	0.65	0.78	0.86		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.99	0.57	0.65	0.78	0.86		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	442 Emts_17	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.90	0.94	0.69	0.48	0.72	0.99
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.90	0.94	0.69	0.48	0.72	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	442 Emts_17	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.97	0.55	0.63	0.76	0.85		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.97	0.55	0.63	0.76	0.85		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	443 Emts_18	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.97	0.94	0.95	0.69	0.69	0.67	0.98
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.97	0.94	0.95	0.69	0.69	0.67	0.98
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	443 Emts_18	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		1.00	0.61	0.59	0.70	0.79		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.61	0.59	0.70	0.79		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	444 Emts_19	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
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	444 Emts_19	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
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								

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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	1.00	1.00	1.00	1.00
	SEASONAL PROFILE	444	Emis_19									
	SEASONS		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12					
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	1.00	1.00	1.00	1.00	1.00	1.00
	SEASONAL PROFILE	445	Emis_20									
	SEASONS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7			
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	445	Emis_20									
	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 = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE		446 Emls_21													
SEASONS		1	2	3	4	5	6	7	1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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		446 Emls_21													
SEASONS		8	9	10	11	12	8	9	10	11	12				
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
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		447 Emls_22													
SEASONS		8	9	10	11	12	8	9	10	11	12				
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
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		448 Emls_23													
SEASONS		1	2	3	4	5	6	7	1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	0.94	0.94	0.64	0.50	0.46	0.97	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	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	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE		448 Emls_23													
SEASONS		8	9	10	11	12	8	9	10	11	12				
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
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		449 Emls_24													
SEASONS		1	2	3	4	5	6	7	1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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	WKNIIGHT											
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		449	Emis_24									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.56	0.60	0.80	0.94						
2	WKNIIGHT											
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		450	Emis_25									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.94	0.94	0.64	0.50	0.68	0.97				
2	WKNIIGHT											
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		450	Emis_25									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.56	0.60	0.80	0.94						
2	WKNIIGHT											
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 = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE		451 Emts_26						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SUBPERIODS								
1	WKDAY	0.95	0.89	1.00	0.61	0.46	0.64	0.92
SEASONAL PROFILE ENTRY								
2	WKNIGHT	0.95	0.89	1.00	0.61	0.46	0.64	0.92
SEASONAL PROFILE ENTRY								
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE		451 Emts_26						
SEASONS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SUBPERIODS								
1	WKDAY	0.89	0.53	0.57	0.76	0.90		
SEASONAL PROFILE ENTRY								
2	WKNIGHT	0.89	0.53	0.57	0.76	0.90		
SEASONAL PROFILE ENTRY								
3	WKEND	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE		452 Emts_27						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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		453 Emts_28						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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		453 Emts_28						
SEASONS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
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		454 Emts_29						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SUBPERIODS								
1	WKDAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00
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								



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		456 Emts_31													
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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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 SEASONS		456 Emts_31													
SUBPERIODS		8	9	10	11	12	8	9	10	11	12				
1	WKDAY	0.94	0.56	0.60	0.80	0.94	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
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 SEASONS		457 Emts_32													
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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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 SEASONS		457 Emts_32													
SUBPERIODS		8	9	10	11	12	8	9	10	11	12				
1	WKDAY	0.94	0.56	0.60	0.80	0.94	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
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 SEASONS		458 Emts_33													
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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
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 SEASONS		458 Emts_33													
SUBPERIODS		8	9	10	11	12	8	9	10	11	12				
1	WKDAY	0.94	0.56	0.60	0.80	0.94	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				
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 SEASONS		459 Emts_34													
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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY		
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 SEASONS		459 Emts_34													
SUBPERIODS		157													

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 SEASONS		459 Emts_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 Emts_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	1.00	1.00				
SEASONAL PROFILE SEASONS		460 Emts_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						

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

SEASONAL PROFILE 465 EE\_2011

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

SUBPERIODS  
1 WKDAY 0.97 0.76 0.76 0.67 0.63 0.87 0.98  
2 WKNIGHT 0.97 0.76 0.76 0.67 0.63 0.87 0.98  
3 WKEND 0.97 0.76 0.76 0.67 0.63 0.87 0.98

SEASONAL PROFILE 465 EE\_2011

SEASONS 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

SUBPERIODS  
1 WKDAY 1.00 0.70 0.73 0.86 0.90  
2 WKNIGHT 1.00 0.70 0.73 0.86 0.90  
3 WKEND 1.00 0.70 0.73 0.86 0.90

SEASONAL PROFILE 466 EE\_2012

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

SUBPERIODS  
1 WKDAY 0.98 0.75 0.76 0.67 0.67 0.96 1.00  
2 WKNIGHT 0.98 0.75 0.76 0.67 0.67 0.96 1.00  
3 WKEND 0.98 0.75 0.76 0.67 0.67 0.96 1.00

SEASONAL PROFILE 466 EE\_2012

SEASONS 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

SUBPERIODS  
1 WKDAY 0.94 0.74 0.71 0.83 0.97  
2 WKNIGHT 0.94 0.74 0.71 0.83 0.97  
3 WKEND 0.94 0.74 0.71 0.83 0.97

SEASONAL PROFILE 467 EE\_2013

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

SUBPERIODS  
1 WKDAY 0.86 0.73 0.69 0.61 0.56 0.82 0.99  
2 WKNIGHT 0.86 0.73 0.69 0.61 0.56 0.82 0.99  
3 WKEND 0.86 0.73 0.69 0.61 0.56 0.82 0.99

SEASONAL PROFILE 467 EE\_2013

SEASONS 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

SUBPERIODS  
1 WKDAY 1.00 0.88 0.64 0.81 0.86  
2 WKNIGHT 1.00 0.88 0.64 0.81 0.86  
3 WKEND 1.00 0.88 0.64 0.81 0.86

SEASONAL PROFILE 468 EE\_2014

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

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4-Company East Optimization

SUBPERIODS												
SEASONAL PROFILE ENTRY												
1	WKDAY		0.80	0.68	0.64	0.56	0.54	0.83	0.88			
SEASONAL PROFILE ENTRY												
2	WKNIIGHT		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												
SUBPERIODS												
SEASONAL PROFILE ENTRY												
1	WKDAY		1.00	0.73	0.61	0.78	0.82					
SEASONAL PROFILE ENTRY												
2	WKNIIGHT		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												
SUBPERIODS												
SEASONAL PROFILE ENTRY												
1	WKDAY		0.82	0.66	0.62	0.52	0.52	0.78	0.85			
SEASONAL PROFILE ENTRY												
2	WKNIIGHT		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												
SUBPERIODS												
SEASONAL PROFILE ENTRY												
1	WKDAY		1.00	0.69	0.56	0.74	0.79					
SEASONAL PROFILE ENTRY												
2	WKNIIGHT		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												

AEP 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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE ENTRY		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
SEASONAL PROFILE ENTRY		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 ENTRY		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	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SEASONAL PROFILE ENTRY		1.00	0.68	0.61	0.77	0.81		
2	WKNIGHT	1.00	0.68	0.61	0.77	0.81		
SEASONAL PROFILE ENTRY		1.00	0.68	0.61	0.77	0.81		
3	WKEND	1.00	0.68	0.61	0.77	0.81		
SEASONAL PROFILE ENTRY		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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE ENTRY		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
SEASONAL PROFILE ENTRY		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 ENTRY		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	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SEASONAL PROFILE ENTRY		0.98	0.70	0.70	0.81	0.83		
2	WKNIGHT	0.98	0.70	0.70	0.81	0.83		
SEASONAL PROFILE ENTRY		0.98	0.70	0.70	0.81	0.83		
3	WKEND	0.98	0.70	0.70	0.81	0.83		
SEASONAL PROFILE ENTRY		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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE ENTRY		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
SEASONAL PROFILE ENTRY		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 ENTRY		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	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SEASONAL PROFILE ENTRY		1.00	0.73	0.65	0.71	0.85		
2	WKNIGHT	1.00	0.73	0.65	0.71	0.85		
SEASONAL PROFILE ENTRY		1.00	0.73	0.65	0.71	0.85		
3	WKEND	1.00	0.73	0.65	0.71	0.85		
SEASONAL PROFILE ENTRY		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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE ENTRY		1.00	0.73	0.65	0.71	0.85		
2	WKNIGHT	1.00	0.73	0.65	0.71	0.85		
SEASONAL PROFILE ENTRY		1.00	0.73	0.65	0.71	0.85		
3	WKEND	1.00	0.73	0.65	0.71	0.85		
SEASONAL PROFILE ENTRY		1.00	0.73	0.65	0.71	0.85		

4-Company Past 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	BE_2019									
		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12	
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	BE_2020									
		JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4	MAY	5	JUNE
												JULY
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	BE_2020									
		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12	
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						





4-Company East Optimization

SUBPERIODS		478 BE_2024											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							AUGUST
1	WKDAY	0.74	0.67	0.62	0.53	0.52	0.80	0.95					
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.74	0.67	0.62	0.53	0.52	0.80	0.95					
SEASONAL PROFILE ENTRY													
3	WKEND	0.74	0.67	0.62	0.53	0.52	0.80	0.95					
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS		478	478	478	478	478	478	478	478	478	478	478	478
SUBPERIODS		479 BE_2025											
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY					AUGUST
1	WKDAY	0.74	0.66	0.62	0.53	0.52	0.79	0.93					
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.74	0.66	0.62	0.53	0.52	0.79	0.93					
SEASONAL PROFILE ENTRY													
3	WKEND	0.74	0.66	0.62	0.53	0.52	0.79	0.93					
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS		479	479	479	479	479	479	479	479	479	479	479	479
SUBPERIODS		479 BE_2025											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							AUGUST
1	WKDAY	1.00	0.73	0.60	0.74	0.77							
SEASONAL PROFILE ENTRY													
2	WKNIGHT	1.00	0.73	0.60	0.74	0.77							
SEASONAL PROFILE ENTRY													
3	WKEND	1.00	0.73	0.60	0.74	0.77							
SEASONAL PROFILE ENTRY													

AEP 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		

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.73	0.67	0.62	0.53	0.52	0.78	0.95				
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.73	0.67	0.62	0.53	0.52	0.78	0.95				
3	WKEND											
	SEASONAL PROFILE ENTRY	0.73	0.67	0.62	0.53	0.52	0.78	0.95				
SEASONAL PROFILE SEASONS		483 EE_2029										
		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12						
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.73	0.60	0.73	0.77						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.73	0.60	0.73	0.77						
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.73	0.60	0.73	0.77						
SEASONAL PROFILE SEASONS		484 EE_2030										
		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7				
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.75	0.68	0.63	0.54	0.52	0.80	0.97				
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.75	0.68	0.63	0.54	0.52	0.80	0.97				
3	WKEND											
	SEASONAL PROFILE ENTRY	0.75	0.68	0.63	0.54	0.52	0.80	0.97				
SEASONAL PROFILE SEASONS		484 EE_2030										
		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12						
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.74	0.60	0.75	0.78						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.74	0.60	0.75	0.78						
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.74	0.60	0.75	0.78						



4-Company East 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 SEASONS			488	EE_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 SEASONS			489	EE_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 SEASONS			489	EE_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 = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	490 BE_2036	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.75	0.69	0.64	0.54	0.53	0.76	0.99
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.75	0.69	0.64	0.54	0.53	0.76	0.99
SEASONAL PROFILE ENTRY								
3 WKEND		0.75	0.69	0.64	0.54	0.53	0.76	0.99
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	490 BE_2036	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		1.00	0.81	0.59	0.75	0.77		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.81	0.59	0.75	0.77		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.81	0.59	0.75	0.77		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	491 BE_2037	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.75	0.69	0.64	0.54	0.53	0.75	0.99
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.75	0.69	0.64	0.54	0.53	0.75	0.99
SEASONAL PROFILE ENTRY								
3 WKEND		0.75	0.69	0.64	0.54	0.53	0.75	0.99
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	491 BE_2037	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		1.00	0.82	0.59	0.75	0.76		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.82	0.59	0.75	0.76		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.82	0.59	0.75	0.76		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	492 BE_2038	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.75	0.69	0.64	0.54	0.53	0.75	1.00
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.75	0.69	0.64	0.54	0.53	0.75	1.00
SEASONAL PROFILE ENTRY								
3 WKEND		0.75	0.69	0.64	0.54	0.53	0.75	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	492 BE_2038	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		1.00	0.83	0.59	0.75	0.76		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.83	0.59	0.75	0.76		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.83	0.59	0.75	0.76		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	493 BE_2039	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.83	0.59	0.75	0.76		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.83	0.59	0.75	0.76		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.83	0.59	0.75	0.76		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	493 BE_2039	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.83	0.59	0.75	0.76		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.83	0.59	0.75	0.76		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.83	0.59	0.75	0.76		
SEASONAL PROFILE ENTRY								

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SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.75	0.69	0.64	0.54	0.52	0.74	1.00				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.75	0.69	0.64	0.54	0.52	0.74	1.00				
3	WKEND											
SEASONAL PROFILE ENTRY		0.75	0.69	0.64	0.54	0.52	0.74	1.00				
SEASONAL PROFILE SEASONS		493	EE_2039									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.84	0.59	0.75	0.76						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.84	0.59	0.75	0.76						
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.84	0.59	0.75	0.76						
SEASONAL PROFILE SEASONS		494	EE_2040									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.75	0.69	0.64	0.54	0.52	0.73	1.00				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.75	0.69	0.64	0.54	0.52	0.73	1.00				
3	WKEND											
SEASONAL PROFILE ENTRY		0.75	0.69	0.64	0.54	0.52	0.73	1.00				
SEASONAL PROFILE SEASONS		494	EE_2040									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.85	0.59	0.75	0.75						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.85	0.59	0.75	0.75						
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.85	0.59	0.75	0.75						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		749 NOX_11						
SUBPERIODS		1	2	3	4	5	6	7
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 SEASONS		749 NOX_11						
SUBPERIODS		8	9	10	11	12		
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 SEASONS		750 NOX_12						
SUBPERIODS		1	2	3	4	5	6	7
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 SEASONS		751 NOX13_14						
SUBPERIODS		1	2	3	4	5	6	7
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 SEASONS		751 NOX13_14						
SUBPERIODS		8	9	10	11	12		
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 SEASONS		752 NOX_15						
SUBPERIODS		1	2	3	4	5	6	7
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 SEASONS		752 NOX_15						
SUBPERIODS		1	2	3	4	5	6	7
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															
		8	9	10	11	12							8	9	10	11	12
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	WKDAY	2300.00	2300.00	2300.00	2300.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	
SEASONAL PROFILE ENTRY																	
2	WKNIGHT	2300.00	2300.00	2300.00	2300.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	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	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	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	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	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	I&M	APCO	KPCO
DEFERRAL CAPACITY SWITCH				
DEFERRAL CAPACITY WEIGHING				
EMERGENCY AIR BASIN POINTING	3	3	3	3
EMERGENCY AIR BASIN POINTER	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 = GAP.INPUT.COMPANY.

GENERATING COMPANIES	QUALIFIER = GAP.INPUT.COMPANY.			
	OPCO+CSP 1	I&M 2	APCO 3	KPCO 4
----- YEAR 2011 -----				
CAPABILITY ADJUSTMENT	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 PROFIT	\$/MWH			
INTERPRETIVE LOAD	MW			
MAXIMUM SURPLUS CAPACITY	MW			
MAXIMUM SURPLUS PROFILE	MW			
PEAK ADJUSTMENT	MW			
RELIABILITY TARGET	HOUR/GMH			
RESERVE MARGIN TARGET	MW-%			
SEASONAL RMU PROFILE				
SPINNING RESERVE REQUIREMENT	%-MW			
----- YEAR 2012 -----				
CAPABILITY ADJUSTMENT	MW			
DUMP ENERGY SALE PRICE	\$/MWH			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFIT	\$/MWH			
PEAK ADJUSTMENT	MW			
----- YEAR 2013 -----				
CAPABILITY ADJUSTMENT	MW			
DUMP ENERGY SALE PRICE	\$/MWH			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFIT	\$/MWH			
PEAK ADJUSTMENT	MW			
----- YEAR 2014 -----				
CAPABILITY ADJUSTMENT	MW			
DUMP ENERGY SALE PRICE	\$/MWH			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFIT	\$/MWH			
PEAK ADJUSTMENT	MW			
----- YEAR 2015 -----				
CAPABILITY ADJUSTMENT	MW			
DUMP ENERGY SALE PRICE	\$/MWH			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFIT	\$/MWH			
PEAK ADJUSTMENT	MW			
----- YEAR 2016 -----				
CAPABILITY ADJUSTMENT	MW			
DUMP ENERGY SALE PRICE	\$/MWH			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFIT	\$/MWH			
PEAK ADJUSTMENT	MW			
----- YEAR 2017 -----				
CAPABILITY ADJUSTMENT	MW			
DUMP ENERGY SALE PRICE	\$/MWH			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFIT	\$/MWH			
PEAK ADJUSTMENT	MW			
----- YEAR 2018 -----				
CAPABILITY ADJUSTMENT	MW			
DUMP ENERGY SALE PRICE	\$/MWH			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFIT	\$/MWH			
PEAK ADJUSTMENT	MW			
----- YEAR 2019 -----				
CAPABILITY ADJUSTMENT	MW			
DUMP ENERGY SALE PRICE	\$/MWH			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFIT	\$/MWH			
PEAK ADJUSTMENT	MW			
----- YEAR 2020 -----				
CAPABILITY ADJUSTMENT	MW			
DUMP ENERGY SALE PRICE	\$/MWH			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFIT	\$/MWH			
PEAK ADJUSTMENT	MW			
----- YEAR 2021 -----				
CAPABILITY ADJUSTMENT	MW			
DUMP ENERGY SALE PRICE	\$/MWH			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFIT	\$/MWH			
PEAK ADJUSTMENT	MW			
----- YEAR 2022 -----				
CAPABILITY ADJUSTMENT	MW			
DUMP ENERGY SALE PRICE	\$/MWH			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFIT	\$/MWH			
PEAK ADJUSTMENT	MW			



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.COMPANY.

GENERATING COMPANIES		OPCO+CSP			
		1	2	3	4
		I&M	APCO	KPCO	
----- YEAR 2032 -----					
EMERGENCY ENERGY COST	\$/MWH	192.66	192.66	192.66	192.66
EMERGENCY ENERGY PROFILE	MW	486	486	486	486
PEAK ADJUSTMENT		1003.00	-645.00	-985.00	-268.00
----- YEAR 2033 -----					
CAPABILITY ADJUSTMENT					
DUMP ENERGY SALE PRICE	MW	-301.00	-40.00	-489.00	-12.00
EMERGENCY ENERGY COST	\$/MWH	24.10	24.10	24.10	24.10
EMERGENCY ENERGY PROFILE	\$/MWH	196.84	196.84	196.84	196.84
PEAK ADJUSTMENT	MW	1006.00	-487	-986.00	-266.00
----- YEAR 2034 -----					
DUMP ENERGY SALE PRICE					
EMERGENCY ENERGY COST	\$/MWH	24.50	24.50	24.50	24.50
EMERGENCY ENERGY PROFILE	\$/MWH	200.52	200.52	200.52	200.52
PEAK ADJUSTMENT	MW	1011.00	-646.00	-943.00	-263.00
----- YEAR 2035 -----					
CAPABILITY ADJUSTMENT					
EMERGENCY ENERGY COST	MW	-296.00	-37.00	-486.00	-8.00
EMERGENCY ENERGY PROFILE	\$/MWH	204.67	204.67	204.67	204.67
EMERGENCY ENERGY ADJUSTMENT	MW	1011.00	-645.00	-938.00	-262.00
----- YEAR 2036 -----					
EMERGENCY ENERGY COST					
EMERGENCY ENERGY PROFILE	\$/MWH	208.79	208.79	208.79	208.79
PEAK ADJUSTMENT	MW	1018.00	-644.00	-907.00	-251.00
----- YEAR 2037 -----					
EMERGENCY ENERGY COST					
EMERGENCY ENERGY PROFILE	\$/MWH	213.03	213.03	213.03	213.03
PEAK ADJUSTMENT	MW	1100.00	-646.00	-802.00	-255.00
----- YEAR 2038 -----					
EMERGENCY ENERGY COST					
EMERGENCY ENERGY PROFILE	\$/MWH	217.29	217.29	217.29	217.29
PEAK ADJUSTMENT	MW	1103.00	-650.00	-795.00	-252.00
----- YEAR 2039 -----					
EMERGENCY ENERGY COST					
EMERGENCY ENERGY PROFILE	\$/MWH	221.70	221.70	221.70	221.70
PEAK ADJUSTMENT	MW	1102.00	-650.00	-790.00	-251.00
----- YEAR 2040 -----					
EMERGENCY ENERGY COST					
EMERGENCY ENERGY PROFILE	\$/MWH	226.17	226.17	226.17	226.17
PEAK ADJUSTMENT	MW	1102.00	-690.00	-790.00	-251.00

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

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.COMPANY.

GENERATING COMPANIES	1	2	3	4
EFFLUENT	OPCO+CSP	I&M	APCO	KPCO
1 SO2 (E) EMERGENCY EFFLUENT POINTER	0	0	0	0
2 CO2 (S) EMERGENCY EFFLUENT POINTER	0	0	0	0
3 CO2 (S) EMERGENCY EFFLUENT POINTER	0	0	0	0
4 NOX (B) 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 = GAR.INPUT.FUEL.CLASS.

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

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

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

FUEL	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
ESCALATION FUEL COST	8	9	10	11	12	13	14
ESCALATION REPLACEMENT FUEL							
ESCALATION SEASONAL FIXED COST							
FUEL CLASS	COLE	COLE	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	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3
ESCALATION FUEL COST	15	16	17	18	19	20	21
ESCALATION REPLACEMENT FUEL							
ESCALATION SEASONAL FIXED COST							
FUEL CLASS	OTHER	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	CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVL_1	GAVL_2
ESCALATION FUEL COST	22	23	24	25	26	27	28
ESCALATION REPLACEMENT FUEL							
ESCALATION SEASONAL FIXED COST							
FUEL CLASS	COIC	COIC	COIC	NUCL	NUCL	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	GWH	GWH	TONS	TONS

FUEL	GLEN_5	GLEN_6	BS2 4.5	BS2 3.0	KANM_1	KANM_2	KANM_3
ESCALATION FUEL COST	29	30	31	32	33	34	35
ESCALATION REPLACEMENT FUEL							
ESCALATION SEASONAL FIXED COST							
FUEL CLASS	COLA	COLA	COLK	COLK	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	KANA_1	KANA_2	KYGE_1	KYGE_2	KYGE_3	KYGE_4	KYGE_5
ESCALATION FUEL COST	36	37	38	39	40	41	42
ESCALATION REPLACEMENT FUEL							
ESCALATION SEASONAL FIXED COST							
FUEL CLASS	COLA	COLA	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	MITC_1	MITC_2	MTNR_6.0	MUSK_1	MUSK_2	MUSK_3	MUSK_4
ESCALATION FUEL COST	43	44	45	46	47	48	49
ESCALATION REPLACEMENT FUEL							
ESCALATION SEASONAL FIXED COST							
FUEL CLASS	COLO	COLO	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	MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PICW_5
ESCALATION FUEL COST	50	51	52	53	54	55	56
ESCALATION REPLACEMENT FUEL							
ESCALATION SEASONAL FIXED COST							
FUEL CLASS	COLO	COLA	COLO	COLA	COLO	COLO	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	BS2 1.7	ROCK_1IM	ROCK_2IM	ROCK_6P	STUA_1	STUA_2	STUA_3
ESCALATION FUEL COST	57	58	59	60	61	62	63
ESCALATION REPLACEMENT FUEL							
ESCALATION SEASONAL FIXED COST							
FUEL CLASS	COLA	COLA	COLO	COLA	COLO	COLO	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

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ESCALATION FUEL COST						
ESCALATION REPLACEMENT FUEL						
ESCALATION SEASONAL FIXED COST						
FUEL CLASS		COLK	COLI	COLI	COLI	COLC
FUEL ID NUMBER		57	58	59	60	62
FUEL LIMIT SWITCH		1	1	1	1	1
FUEL UNIT		TONS	TONS	TONS	TONS	TONS
	BBL, TONS					

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	STUA_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	MCFP	TONS	TONS	TONS	TONS	TONS
FUEL	TCO_POOL	DOMINON	TCO_DELV	CHERDO	DARBY	DRESDEN	LAMRNG
ESCALATION FUEL COST	71	72	73	74	75	76	77
ESCALATION REPLACEMENT FUEL							
ESCALATION SEASONAL FIXED COST							
FUEL CLASS	GASR	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	MCFP	MCFP	MCFP	MCFP	MCFP	MCFP	MCFP
FUEL	ROBMONE	WATERFOR	ROCK_5.1	MRS_NGCC	PC_S_INB8	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	BIDM	BIDM
FUEL ID NUMBER	78	79	80	81	605	606	609
FUEL LIMIT SWITCH	1	1	1	1	1	1	2
FUEL UNIT	MCFP	MCFP	TONS	MCFP	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	BIDM	BIDM	BIDM	BIDM	BIDM	BIDM	BIDM
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	BIDM	BIDM	BIDM	BIDM	BIDM	BIDM	BIDM
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 = GAF.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 (R) 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	GAVL_1	GAVL_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	KAMM_1	KAMM_2	KAMM_3
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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EFFLUENT									
1	SO2 (E)	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
EMISSIONS DATA									
3	CO2 (G)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA									
4	NOX (E)	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
EMISSIONS DATA									
6	HG (E)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA									
RUEI									
		KANA_1_36	KANA_2_37	KYGE_1_38	KYGE_2_39	KYGE_3_40	KYGE_4_41	KYGE_5_42	
EFFLUENT									
1	SO2 (E)	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
EMISSIONS DATA									
3	CO2 (G)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA									
4	NOX (E)	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
EMISSIONS DATA									
6	HG (E)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA									
RUEI									
		MITC_1_43	MITC_2_44	MTNR_6.0_45	MUSK_1_46	MUSK_2_47	MUSK_3_48	MUSK_4_49	
EFFLUENT									
1	SO2 (E)	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
EMISSIONS DATA									
3	CO2 (G)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA									
4	NOX (E)	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
EMISSIONS DATA									

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER - GAF.INPUT.FUEL TYPE.

FUEL	43	44	45	46	47	48	49
EFFLUENT	MITC_1	MITC_2	MTNR_6.0	MUSK_1	MUSK_2	MUSK_3	MUSK_4
6 HG (E)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA							
FUEL	MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PICW_5
EFFLUENT	50	51	52	53	54	55	56
1 SO2 (E)	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
EMISSIONS DATA							
3 CO2 (G)	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
EMISSIONS DATA							
5 NSR SO2	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
EMISSIONS DATA							
FUEL	57	58	59	60	61	62	63
EFFLUENT	BS2 1.7	ROCK_1IM	ROCK_2IM	ROCK_6P	STVA_1	STVA_2	STVA_3
1 SO2 (E)	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
EMISSIONS DATA							
3 CO2 (G)	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
EMISSIONS DATA							
5 NSR SO2	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
EMISSIONS DATA							
FUEL	64	65	66	67	68	69	70
EFFLUENT	STVA_4	BSI_CC	TANN_1	TANN_2	TANN_3	TANN_4	ZIMM_1
1 SO2 (E)	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
EMISSIONS DATA							
3 CO2 (G)	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
EMISSIONS DATA							
5 NSR SO2	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
EMISSIONS DATA							
FUEL	71	72	73	74	75	76	77
EFFLUENT	TCO_POOL	DOMINON	TCO_DELEV	CEREDO	DARBY	DRESDEN	LAMING
1 SO2 (E)	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
EMISSIONS DATA							
3 CO2 (G)	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
EMISSIONS DATA							

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5	NSR SO2 EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL		78	79	80	81	139	140	141											
	ROBMONR	WATERFOR	ROCK_5.1	MRS_NGCC	PC_S_NBS	STRR_BIO	MRS_CO												
EFFLUENT																			
1	SO2 (E) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL																			
	AM3_BIO	BS2_SEP	MNTR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP												
EFFLUENT																			
1	SO2 (E) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL																			
	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MRS_SI	RP1_BIO	RP2_BIO												
EFFLUENT																			
1	SO2 (E) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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 = GAP.INPUT.FUEL TYPE.

FUEL	151	152	153	154	155	156	157
	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MRS_SI	RPI_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 NSR 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 = GAF.INPUT.FUEL TYPE.

GENERATING COMPANIES	1	2	3	4
FUEL	OPCO+CSP	I&M	APCO	KPCO
1 AMOS 1	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
2 AMOS 2	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
3 AMOS 3	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
4 BECK 6	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
5 BIGS 1	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
6 BIGS 2	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
7 CARD 1	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
8 CARD 2	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
9 CARD 3	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
10 CLIF 1	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
11 CLIF 2	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
12 CLIF 3	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
13 CLIF 4	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
14 CLIF 5	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
15 CLIF 6	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
16 CLIN 1	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
17 CLIN 2	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
18 CLIN 3	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
19 CSVL 1	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
20 CSVL 2	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
21 CSVL 3	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
22 CSVL 4	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
23 CSVL 5	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
24 CSVL 6	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
25 COOK 1	0.00	1.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
26 COOK 2	0.00	1.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
27 GAVI 1	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
28 GAVI 2	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
29 GLEN 5	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
30 GLEN 6	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				
31 BS2 4.5	0.00	0.00	0.00	0.00
FIXED FUEL_COST OWNERSHIP				

## 4-Company East Optimization

32	BS2 3.0								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	KAMM 1								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	KAMM 2								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	KAMM 3								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	KANA 1								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	KANA 2								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	KYGE 1								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	KYGE 2								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	KYGE 3								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	KYGE 4								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	KYGE 5								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	MITC 1								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	MITC 2								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	MTRN 6.0								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	MUSK 1								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	MUSK 2								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	MUSK 3								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	MUSK 4								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	MUSK 5								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	PSPN 1								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	PSPN 2								
	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	PSPN 3								
	FIXED FUEL_COST OWNERSHIP	FRACTION	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.FUEL.TYPE.

GENERATING COMPANIES		OPCO+CSP	1	I&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	0.00	0.00
55	PSPN 5								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56	PICW 5								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	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	0.00	0.00
58	ROCK 11M								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	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	0.00	0.00
60	ROCK 6P								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	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	0.00	0.00
62	STUA 2								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	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	0.00	0.00
64	STUA 4								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	BS1 CG								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	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	0.00	0.00
67	TANN 2								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	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	0.00	0.00
69	TANN 4								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	ZIMM 1								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	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	0.00	0.00
72	DOMINON								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	TCO DELAY								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	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	0.00	0.00
75	DARBY								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
76	DRESIDEN								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	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	0.00	0.00
78	ROBMONR								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	WATERFOR								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	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	0.00	0.00
81	MRS NGCC								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	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	0.00	0.00
83									
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	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	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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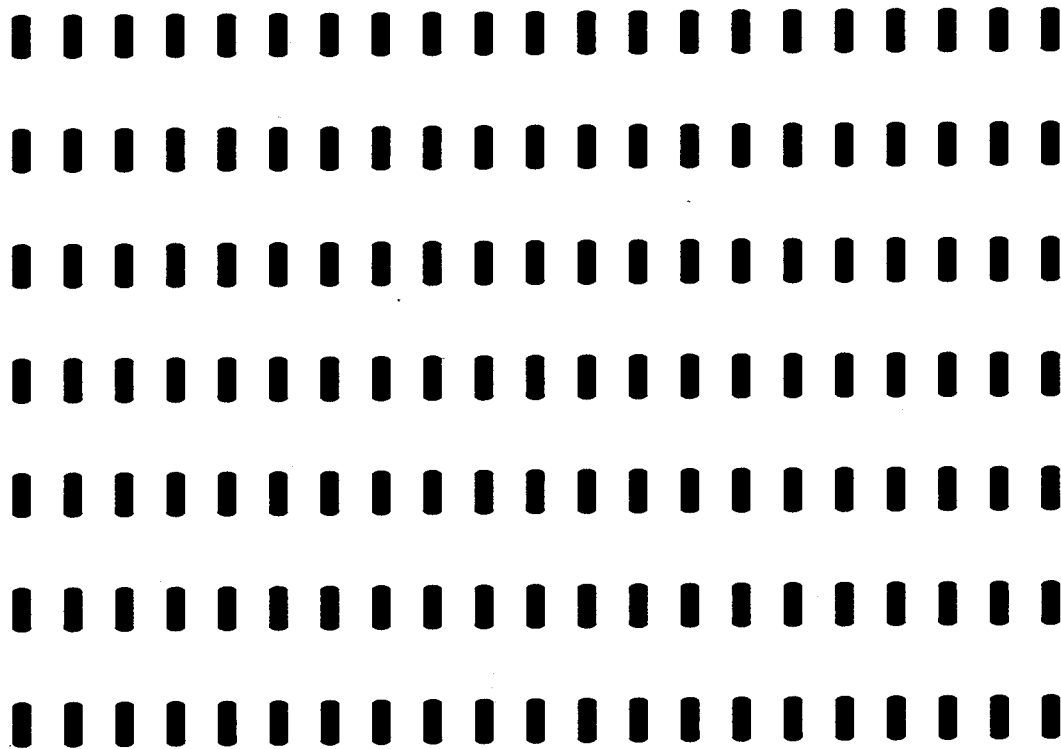
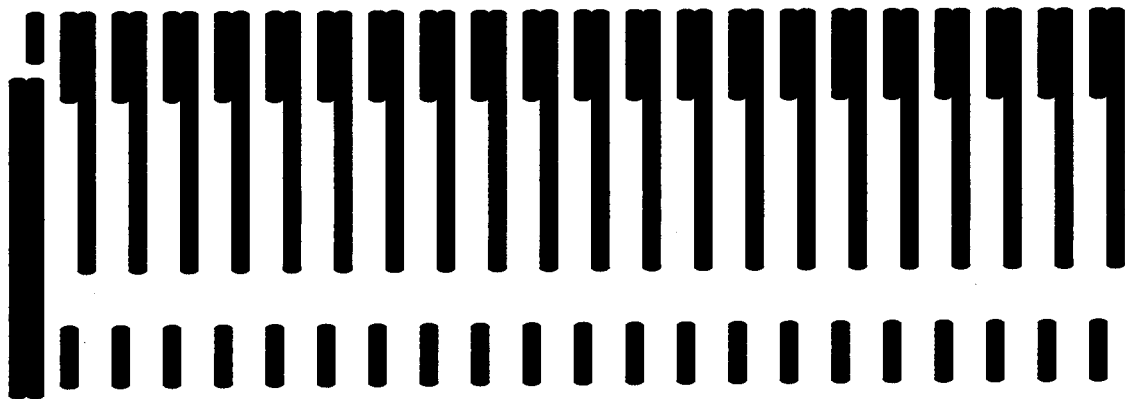
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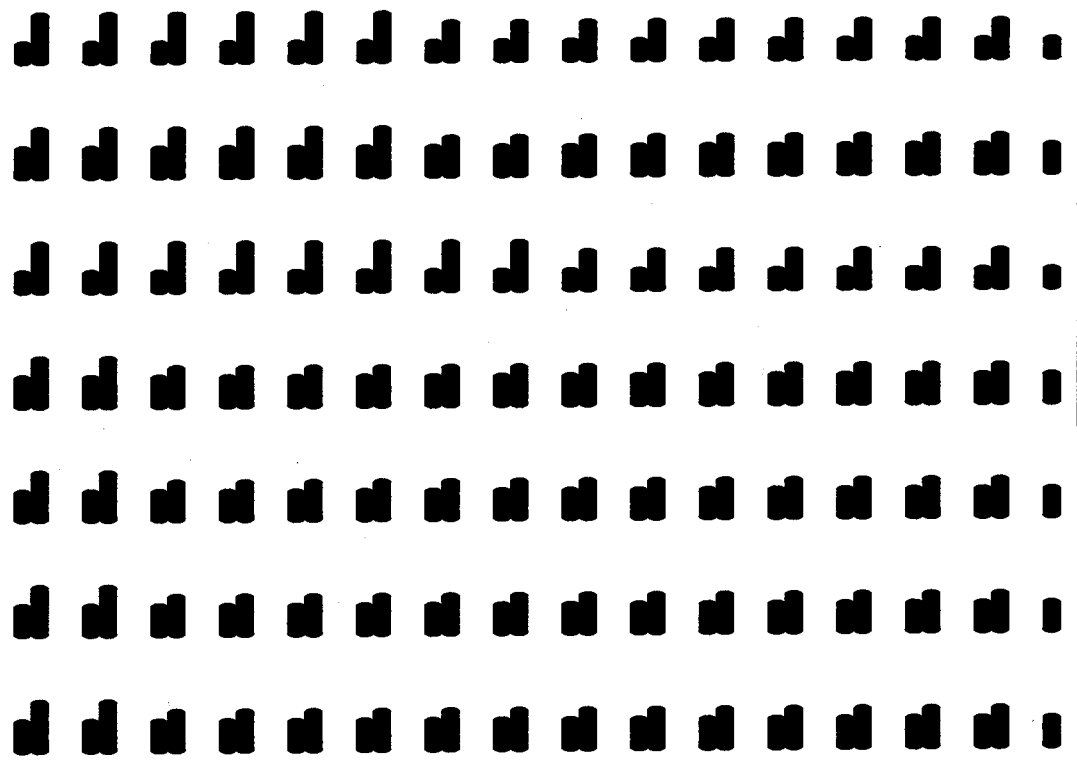
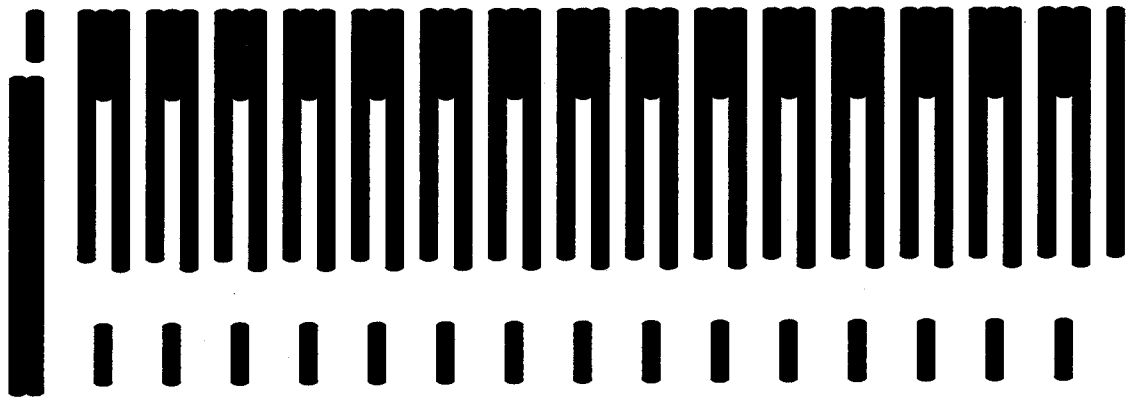
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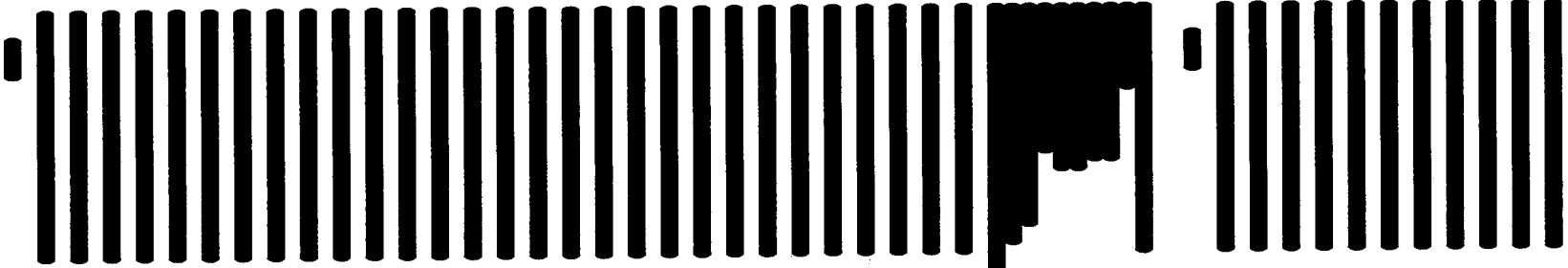
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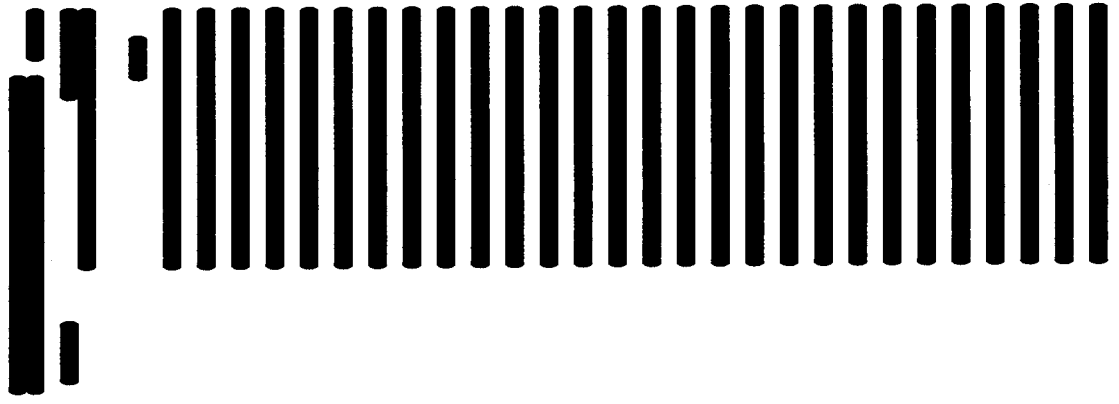
[REDACTED]

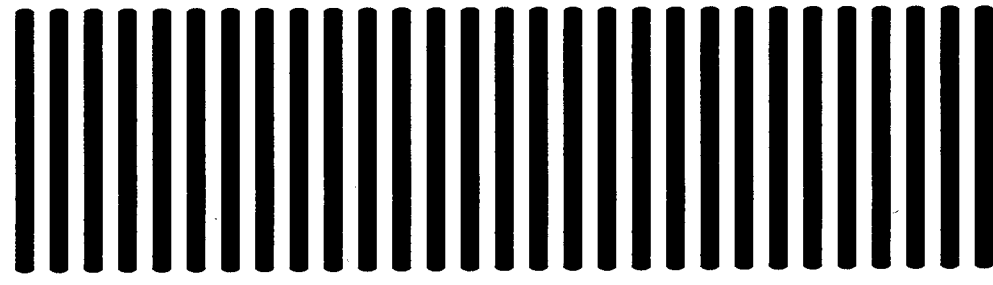
[REDACTED]











[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

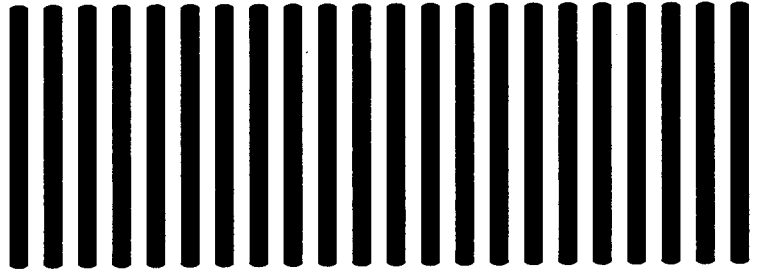
[REDACTED]

[REDACTED]

[REDACTED]



[REDACTED]



[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

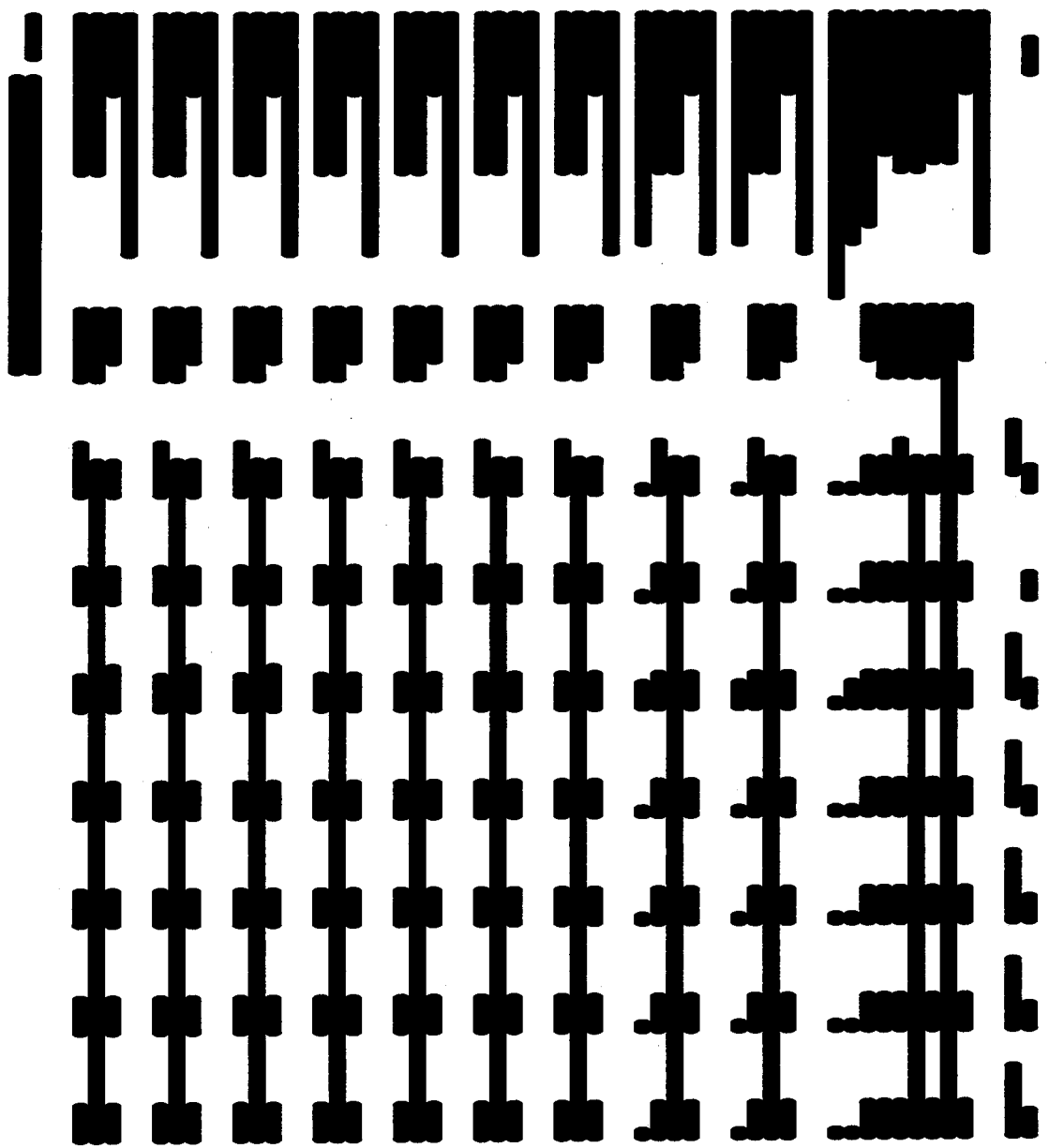
[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]

[REDACTED]

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[REDACTED]

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[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015		
FUEL	163	164	165	166	167	168	169
	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FUEL COST  
 FUEL FLOW MAXIMUM \$/MBTU 0.00 0.00 0.00 0.00 0.00 0.00  
 FUEL HEAT CONTENT MBTU/UNIT 1.00 1.00 1.00 1.00 1.00 1.00  
 FUEL LIMIT MAXIMUM UNIT/DAY 9999899648.9999899648.9999899648.9999899648.9999899648.9999899648.  
 FUEL LIMIT MINIMUM UNIT/DAY 0.00 0.00 0.00 0.00 0.00 0.00  
 INVENTION FRACTION \$/KONLIS 0.00 0.00 0.00 0.00 0.00 0.00  
 REPLACEMENT COST OF FUEL \$/MBTU 0.00 0.00 0.00 0.00 0.00 0.00  
 SEASONAL FUEL COST POINTER 0 0 0 0 0 0  
 SEASONAL REPLACEMENT COST POINTE 0 0 0 0 0 0

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

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













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

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



YEAR	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_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							
=====							
FUEL	SEASON 1	JANUARY					
=====							
SEASONAL FIXED FUEL COST							
SEASONAL FUEL LIMIT MAXIMUM	\$000						
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

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  
-----  
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

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

YEAR 2019 -----  
YEAR 2020 -----  
YEAR 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	1	JANUARY	MITC_1	43	MITC_2	44	MTNR_6.0	45	MUSK_1	46	MUSK_2	47	MUSK_3	48	MUSK_4	49
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	-----																
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 = GAP.INPUT.FUEL TYPE.

FUEL	SEASON	1	JANUARY												
			STUA_4	BS1_CC	TANN_1	TANN_2	TANN_3	TANN_4	ZIMM_1	TCO_POUL	DOMINON	TCO_DELV	CERREDO	DARBY	DRESDEN
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
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
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
---	YEAR 2011														
---	YEAR 2012														
---	YEAR 2013														
---	YEAR 2014														
---	YEAR 2015														
---	YEAR 2016														
---	YEAR 2017														
---	YEAR 2018														
---	YEAR 2019														
---	YEAR 2020														
---	YEAR 2021														
---	YEAR 2022														
---	YEAR 2023														
---	YEAR 2024														
---	YEAR 2025														
---	YEAR 2026														
---	YEAR 2027														
---	YEAR 2028														
---	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		\$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 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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 =====		=====		=====		=====		=====		=====					
FUEL		ROBMON	78	WATERFOR	79	ROCK_5.1	80	MRS_NGCC	81	PC_S_NEB	139	STKR_BIO	140	MRS_CO	141
----- 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 = CAF.INPUT.FUEL TYPE.

FUEL	SEASON	1	JANUARY	AM3_BIO	BS2_SEP	MNTR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP
YEAR 2021				143	144	146	147	148	149	150
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
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				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										
YEAR 2034										

YEAR	SEASON	1	JANUARY	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MR5_SI	RPI_BIO	RP2_BIO
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
UNIT/DAY	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
UNIT/DAY	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2012	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2013	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2014	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2015	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2016	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2017	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2018	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2019	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2020	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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 1	JANUARY	151	152	153	154	155	156	157
			SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MRS_ST	RP1_BIO	RP2_BIO

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

FUEL	SEASON 2	FEBRUARY	AMOS_1	AMOS_2	AMOS_3	BECK_6	BIGS_1	BIGS_2	CARD_1
			1	2	3	4	5	6	7

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

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

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

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

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
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															

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	UNIT/DAY	CLIF_6_15	CLIN_1_16	CLIN_2_17	CLIN_3_18	CSV_L_1_19	CSV_L_2_20	CSV_L_3_21
SEASONAL FUEL LIMIT MINIMUM	YEAR 2011			-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										
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	YEAR 2028										
	YEAR 2029										
	YEAR 2030										
	YEAR 2031										
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	YEAR 2033										
	YEAR 2034										
	YEAR 2035										
	YEAR 2036										
	YEAR 2037										
	YEAR 2038										
	YEAR 2039										
	YEAR 2040										

FUEL	SEASON	2	FEBRUARY	UNIT/DAY	CSV_L_4_22	CSV_L_5_23	CSV_L_6_24	COOK_1_25	COOK_2_26	GAVI_1_27	GAVI_2_28
SEASONAL FUEL LIMIT MAXIMUM	YEAR 2011			0.00				453.90	453.90	0.00	0.00
SEASONAL FUEL LIMIT MINIMUM	YEAR 2011			-1.00				-1.00	-1.00	-1.00	-1.00
	YEAR 2012							-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	464.11	464.11	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
SEASONAL FIXED FUEL COST	YEAR 2019			\$000	0.00	0.00	0.00	217.34	217.34	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2020			\$000	0.00	0.00	0.00	217.34	217.34	0.00	0.00



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 -----								
----- 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 2 FEBRUARY													
	GLFN_5 29	GLFN_6 30	BS2 4.5 31	BS2 3.0 32	KAWM_1 33	KAWM_2 34	KAWM_3 35	KYGE_1 36	KYGE_2 37	KYGE_3 38	KYGE_4 39	KYGE_5 40	KYGE_6 41	KYGE_7 42
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														
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YEAR 2020														
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YEAR 2029														
YEAR 2030														
YEAR 2031														
YEAR 2032														
YEAR 2033														
YEAR 2034														
YEAR 2035														
YEAR 2036														
YEAR 2037														
YEAR 2038														
YEAR 2039														
YEAR 2040														

FUEL	SEASON 2 FEBRUARY									
	KANA_1 36	KANA_2 37	KYGE_1 38	KYGE_2 39	KYGE_3 40	KYGE_4 41	KYGE_5 42	KYGE_6 43	KYGE_7 44	KYGE_8 45
SEASONAL FIXED FUEL COST	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
SEASONAL FUEL LIMIT MINIMUM	-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										

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

FUEL		SEASON 2 FEBRUARY							
		MITC_1	MITC_2	MITNR_6.0	MUSK_1	MUSK_2	MUSK_3	MUSK_4	
-----	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/								

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

FUEL	SEASON	2 FEBRUARY	50	51	52	53	54	55	56
		MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PICW_5	
---	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 2028	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---
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---	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	---	---	---	---	---	---	---	---
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---	YEAR 2034	---	---	---	---	---	---	---	---

YEAR	SEASON	2 FEBRUARY	57	ROCK_1IM	58	ROCK_2IM	59	ROCK_6P	60	STVA_1	61	STVA_2	62	STVA_3	63
YEAR 2035	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2036	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2037	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2038	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2039	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2040	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SEASONAL FIXED FUEL COST	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

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



----- YEAR 2014 -----  
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 ----- YEAR 2040 -----

FUEL	SEASON	2	FEBRUARY	-----
----- YEAR 2011 -----	ROBMONR	78	0.00	
SEASONAL FIXED FUEL COST				
SEASONAL FUEL LIMIT MAXIMUM				
----- YEAR 2011 -----	WATERFOR	79	-1.00	
----- YEAR 2011 -----	ROCK_5.1	80	0.00	
----- YEAR 2011 -----	MRS_NGCC	81	-1.00	
----- YEAR 2011 -----	PC_S_NES	139	0.00	
----- YEAR 2011 -----	STKR_BIO	140	-1.00	
----- YEAR 2011 -----	MRS_CO	141	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.FUEL.TYPE.

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 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								
SEASONAL FUEL LIMIT MAXIMUM	YEAR 2011	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MINIMUM	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	2	FEBRUARY	151	152	153	154	155	156	157
FUEL	=====									
	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MRS_SI	RP1_BIO	RP2_BIO			
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
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	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
SEASONAL FUEL LIMIT MINIMUM	-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										

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

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF, INPUT, FUEL, TYPE.

FUEL	SEASON	2	FEBRUARY	SEASON	3	MARCH	AMOS_1	1	AMOS_2	2	AMOS_3	3	BECK_6	4	BIGS_1	5	BIGS_2	6	CARD_1	7
YEAR 2022																				
YEAR 2023																				
YEAR 2024																				
YEAR 2025																				
YEAR 2026																				
YEAR 2027																				
YEAR 2028																				
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	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	-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	-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	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									
=====									
FUEL	SEASON	MARCH	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
	3		8	9	10	11	12	13	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									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
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 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	---							
---	YEAR 2012	---							
---	YEAR 2013	---							
---	YEAR 2014	---							
---	YEAR 2015	---							
---	YEAR 2016	---							
---	YEAR 2017	---							
---	YEAR 2018	---							
---	YEAR 2019	---							
---	YEAR 2020	---							
---	YEAR 2021	---							
---	YEAR 2022	---							
---	YEAR 2023	---							
---	YEAR 2024	---							
---	YEAR 2025	---							
---	YEAR 2026	---							
---	YEAR 2027	---							
---	YEAR 2028	---							
---	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
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	---							

FUEL	SEASON 3	MARCH	CSVL_4 22	CSVL_5 23	CSVL_6 24	COOK_1 25	COOK_2 26	GAVL_1 27	GAVL_2 28
---	YEAR 2011	---							
---	YEAR 2012	---							
---	YEAR 2013	---							
---	YEAR 2014	---							
---	YEAR 2015	---							
---	YEAR 2016	---							
---	YEAR 2017	---							
---	YEAR 2018	---							
---	YEAR 2019	---							
---	YEAR 2020	---							
---	YEAR 2021	---							
---	YEAR 2022	---							
---	YEAR 2023	---							
---	YEAR 2024	---							
---	YEAR 2025	---							
---	YEAR 2026	---							
---	YEAR 2027	---							
---	YEAR 2028	---							
---	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 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
SEASONAL FIXED FUEL COST	YEAR 2019	\$000	0.00	0.00	0.00	217.34	217.34	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2020	\$000	0.00	0.00	0.00	223.71	223.71	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2021	\$000	0.00	0.00	0.00	230.26	230.26	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2022	\$000	0.00	0.00	0.00	237.01	237.01	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2023	\$000	0.00	0.00	0.00	243.95	243.95	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2024	\$000	0.00	0.00	0.00	251.10	251.10	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2025	\$000	0.00	0.00	0.00	258.46	258.46	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2026	\$000	0.00	0.00	0.00	266.03	266.03	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2027	\$000	0.00	0.00	0.00	273.83	273.83	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2028	\$000	0.00	0.00	0.00	281.85	281.85	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2029	\$000	0.00	0.00	0.00	290.11	290.11	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2030	\$000	0.00	0.00	0.00	298.61	298.61	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2031	\$000	0.00	0.00	0.00	307.36	307.36	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2032	\$000	0.00	0.00	0.00	316.36	316.36	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2033	\$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.



----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- 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	MARCH	=====															
			MITC_1	MITC_2	MTNR_6.0	MUSK_1	MUSK_2	MUSK_3	MUSK_4	MITC_1	MITC_2	MTNR_6.0	MUSK_1	MUSK_2	MUSK_3	MUSK_4		
SEASONAL	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	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 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
---	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	=====												
			MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PTCW_5	MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5
SEASONAL	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
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
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
---	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 3	MARCH	STUA_4 64	BS1_CC 65	TANN_1 66	TANN_2 67	TANN_3 68	TANN_4 69	ZIWA_1 70
YEAR 2021		BS2 1.7							
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
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	\$000	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY
YEAR 2011			0.00	-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
YEAR 2013			0.00	-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
YEAR 2015			0.00	-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
YEAR 2017			0.00	-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
YEAR 2019			0.00	-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
YEAR 2021			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2022			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2023			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2024			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2025			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2026			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2027			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2028			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2029			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2030			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2031			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2032			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2033			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2034			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2035			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2036			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2037			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2038			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2039			0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2040			0.00	-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  
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YEAR 2022  
YEAR 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_FOUL	DOMINON	TCO_DELIV	CEREDO	DARBY	DRESDEN	LAWRNG
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
SEASONAL FIXED FUEL COST	3		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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON 3	MARCH	71	72	73	74	75	76	77
			TCO_FOOL	DOMINON	TCO_DELV	CEREDO	DARBY	DRESDEN	LAMRNG
-----	YEAR 2033	-----							
-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							

FUEL	SEASON 3	MARCH	78	79	80	81	139	140	141
			ROBMON	WATERFOR	ROCK_5.1	MRS_NGCC	PC_S_NEB	SMKR_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 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	-----	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
-----	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

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	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



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL	SEASON	MARCH	151	152	153	154	155	156	157
			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
	YEAR 2012								
	YEAR 2013								
	YEAR 2014								
	YEAR 2015								
	YEAR 2016								
	YEAR 2017								
	YEAR 2018								
	YEAR 2019								
	YEAR 2020								
	YEAR 2021								
	YEAR 2022								
	YEAR 2023								
	YEAR 2024								
	YEAR 2025								
	YEAR 2026								
	YEAR 2027								
	YEAR 2028								
	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	1	2	3	4	5	6	7
			AMOS_1	AMOS_2	AMOS_3	BECK_6	BIGS_1	BIGS_2	CARD_1
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								



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL ===== SEASON 4 APRIL =====  
 CARD\_2 8 CARD\_3 9 CLIF\_1 10 CLIF\_2 11 CLIF\_3 12 CLIF\_4 13 CLIF\_5 14

----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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 -----  
 CLIF\_6 15 CLIN\_1 16 CLIN\_2 17 CLIN\_3 18 CSVL\_1 19 CSVL\_2 20 CSVL\_3 21  
 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	SEASON 4	APRIL	CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2
SEASONAL FIXED FUEL COST	SEASONAL FUEL LIMIT MAXIMUM	SEASONAL FUEL LIMIT MINIMUM	YEAR 2012	SEASONAL FIXED FUEL COST	YEAR 2013	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	UNIT/DAY	UNIT/DAY	0.00	\$000	\$000	\$000	0.00	0.00	0.00	458.93	458.93	0.00	0.00
-1.00	-1.00	-1.00	-1.00	0.00	0.00	0.00	0.00	0.00	0.00	182.83	182.83	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	188.16	188.16	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	193.66	193.66	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	199.32	199.32	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205.15	205.15	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	211.15	211.15	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	217.34	217.34	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	223.71	223.71	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	230.26	230.26	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	237.01	237.01	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	243.95	243.95	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	251.10	251.10	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	258.46	258.46	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	22	23	24	25	26	27	28
				CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2
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	4	APRIL	29	30	31	32	33	34	35
				GLSN_5	GLSN_6	BS2 4.5	BS2 3.0	KAWM_1	KAWM_2	KAWM_3
SEASONAL FIXED FUEL COST	YEAR 2011			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM	YEAR 2011			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	YEAR 2011			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FIXED FUEL COST	YEAR 2012			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2013			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2014			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2015			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2016			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2017			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2018			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2019			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2020			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2021			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2022			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2023			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2024			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2025			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2026			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2027			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2028			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2029			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2030			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2031			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2032			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2033			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.FUEL TYPE.

FUEL	SEASON	APRIL	KANA_1	KANA_2	KYGE_1	KYGE_2	KYGE_3	KYGE_4	KYGE_5
---	YEAR 2031	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---

FUEL	SEASON	APRIL	MITC_1	MITC_2	MTNR_6.0	MUSK_1	MUSK_2	MUSK_3	MUSK_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	---	---	---	---	---	---	---	---

FUEL	SEASON	APRIL	MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PICW_5
---	YEAR 2011	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---
---	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 = GAR.INPUT.FUEL TYPE.

FUEL	SEASON	APRIL	57	58	59	60	61	62	63
	BS2 1.7	ROCK_1IM	ROCK_2IM	ROCK_6P	STUA_1	STUA_2	STUA_3		
SEASONAL	YEAR 2011	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
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 2012								
---	YEAR 2013								
---	YEAR 2014								
---	YEAR 2015								
---	YEAR 2016								
---	YEAR 2017								
---	YEAR 2018								
---	YEAR 2019								
---	YEAR 2020								
---	YEAR 2021								
---	YEAR 2022								
---	YEAR 2023								
---	YEAR 2024								
---	YEAR 2025								
---	YEAR 2026								
---	YEAR 2027								
---	YEAR 2028								
---	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	STUA_4	BS1_CC	TANN_1	TANN_2	TANN_3	TANN_4	ZIMM_1
	4	APRIL	64	65	66	67	68	69	70
SEASONAL	YEAR 2011	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
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 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	APRIL	TCO_POOL	DOMINON	TCO_DELY	CEREDO	DARBY	DRESIDEN	LAWRNG
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									
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									

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

ARB EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL	SEASON 4	APRIL	TCO_POOL 71	DOMINION 72	TCO_DELIV 73	CEREDO 74	DARBY 75	DRESDEN 76	LAWRNG 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 4 APRIL

ROBMON 78	WATERFOR 79	ROCK_5.1 80	MR5_NGCC 81	PC_S_NEB 139	STRK_BIO 140	MR5_CO 141
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

SEASONAL FIXED FUEL COST	\$000
SEASONAL FUEL LIMIT MAXIMUM	-1.00
SEASONAL FUEL LIMIT MINIMUM	-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	---	-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	SEASON	APRIL	AM3_BIO	BS2_SBP	MANTR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP
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 = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	4	APRIL	143	144	146	147	148	149	150
YEAR 2033				AM3_BIO	BS2_SEP	MANTR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

FUEL	SEASON	4	APRIL	151	152	153	154	155	156	157
YEAR 2011				SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MRS_SI	RP1_BIO	RP2_BIO
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										

FUEL	SEASON	5	MAY	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 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

FUEL	SEASON 5	MAY	CARD_2 8	CARD_3 9	CLIF_1 10	CLIF_2 11	CLIF_3 12	CLIF_4 13	CLIF_5 14
----- 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 = GAP.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	---	---	---	---	---	---	---	---
FUEL	SEASON	MAY	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSV_1	CSV_2	CSV_3
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	---	---	---	---	---	---	---	---



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL	SEASON	MAY	=====					COOK_1	COOK_2	GAVI_1	GAVI_2
			CSVL_4	CSVL_5	CSVL_6	BS2_4.5	BS2_3.0				
SEASONAL FIXED FUEL COST	YEAR 2019	\$000	0.00	0.00	0.00	0.00	0.00	217.34	217.34	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2020	\$000	0.00	0.00	0.00	0.00	0.00	223.71	223.71	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2021	\$000	0.00	0.00	0.00	0.00	0.00	230.26	230.26	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2022	\$000	0.00	0.00	0.00	0.00	0.00	237.01	237.01	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2023	\$000	0.00	0.00	0.00	0.00	0.00	243.95	243.95	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2024	\$000	0.00	0.00	0.00	0.00	0.00	251.10	251.10	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2025	\$000	0.00	0.00	0.00	0.00	0.00	258.46	258.46	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2026	\$000	0.00	0.00	0.00	0.00	0.00	266.03	266.03	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2027	\$000	0.00	0.00	0.00	0.00	0.00	273.83	273.83	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2028	\$000	0.00	0.00	0.00	0.00	0.00	281.85	281.85	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2029	\$000	0.00	0.00	0.00	0.00	0.00	290.11	290.11	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2030	\$000	0.00	0.00	0.00	0.00	0.00	298.61	298.61	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2031	\$000	0.00	0.00	0.00	0.00	0.00	307.36	307.36	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2032	\$000	0.00	0.00	0.00	0.00	0.00	316.36	316.36	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2033	\$000	0.00	0.00	0.00	0.00	0.00	325.63	325.63	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2034	\$000	0.00	0.00	0.00	0.00	0.00	335.18	335.18	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2035	\$000	0.00	0.00	0.00	0.00	0.00	344.99	344.99	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2036	\$000	0.00	0.00	0.00	0.00	0.00	355.10	355.10	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2037	\$000	0.00	0.00	0.00	0.00	0.00	365.51	365.51	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2038	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2039	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	YEAR 2040	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	SEASON	MAY	=====								
			GEN_5	GEN_6	BS2_4.5	BS2_3.0	KAMM_1	KAMM_2	KAMM_3		
SEASONAL FIXED FUEL COST	YEAR 2011	\$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 2012										
	YEAR 2013										
	YEAR 2014										
	YEAR 2015										
	YEAR 2016										
	YEAR 2017										
	YEAR 2018										
	YEAR 2019										
	YEAR 2020										
	YEAR 2021										
	YEAR 2022										

YEAR	SEASON	MAY	KANR_1	KANR_2	KYGE_1	KYGE_2	KYGE_3	KYGE_4	KYGE_5
YEAR 2023	5								
YEAR 2024	5								
YEAR 2025	5								
YEAR 2026	5								
YEAR 2027	5								
YEAR 2028	5								
YEAR 2029	5								
YEAR 2030	5								
YEAR 2031	5								
YEAR 2032	5								
YEAR 2033	5								
YEAR 2034	5								
YEAR 2035	5								
YEAR 2036	5								
YEAR 2037	5								
YEAR 2038	5								
YEAR 2039	5								
YEAR 2040	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 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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL.TYPE.

FUEL	SEASON	MAY											
		KANA_1	KANA_2	KYGE_1	KYGE_2	KYGE_3	KYGE_4	KYGE_5	MTNR_6.0	MUSK_1	MUSK_2	MUSK_3	MUSK_4
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---
---	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											
		MITC_1	MITC_2	MTNR_6.0	MUSK_1	MUSK_2	MUSK_3	MUSK_4					
SEASONAL FIXED FUEL COST		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					
UNIT/DAY		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00					
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	SEASON	MAY	MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PICW_5
YEAR 2035	5		50	51	52	53	54	55	56
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									
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 -----

FUEL	SEASON 5	MAY	TCO_POOL	DOMINION	TCO_DEIV	CEREDO	DARBY	DRESIDEN	LAWRING
----- YEAR 2011 -----			71	72	73	74	75	76	77
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

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	71 TCO_FOOL	72 DOMINON	73 TCO_Deliv	74 CEREDO	75 DARBY	76 DRESDEN	77 LAWRNG
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									
SEASONAL FUEL LIMIT MAXIMUM	SEASON 5	MAY	78	79	80	81	139	140	141
SEASONAL FUEL LIMIT MINIMUM			ROBMON	WATERFOR	ROCK_5.1	MRS_NGCC	PC_S_NEB8	STRR_BIO	MRS_CO
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			-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	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
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
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
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 = GAP.INPUT.FUEL TYPE.

FUEL	SEASON	MAY	AM3_BIO	BS2_SEP	MNTR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP
---	YEAR 2022	---	143	144	146	147	148	149	150
---	YEAR 2023	---							
---	YEAR 2024	---							
---	YEAR 2025	---							
---	YEAR 2026	---							
---	YEAR 2027	---							
---	YEAR 2028	---							
---	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	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MR5_SI	RP1_BIO	RP2_BIO
---	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	---							
---	YEAR 2015	---							
---	YEAR 2016	---							
---	YEAR 2017	---							
---	YEAR 2018	---							
---	YEAR 2019	---							
---	YEAR 2020	---							
---	YEAR 2021	---							
---	YEAR 2022	---							
---	YEAR 2023	---							
---	YEAR 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	JUNE	AMOS_1	AMOS_2	AMOS_3	BECK_6	BIGS_1	BIGS_2	CARD_1
YEAR 2036	6		1	2	3	4	5	6	7
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									
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 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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	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	0.00	0.00	0.00	453.90	453.90	453.90	453.90	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

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 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPOT.FUEL TYPE.

FUEL	SEASON	6	JUNE	-----							
				CSVL_22	CSVL_23	CSVL_24	COOK_1	COOK_2	GAVI_1	GAVI_2	
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	
-----											
FUEL	SEASON	6	JUNE	-----							
				GLN_29	GLN_30	BS2_31	BS2_32	KAMM_33	KAMM_34	KAMM_35	
SEASONAL	YEAR 2011	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	

----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
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----- YEAR 2030 -----  
----- YEAR 2031 -----  
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----- 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	6	JUNE	KANA					KYGE								
				36	37	38	39	40	41	42	43	44	45	46	47	48	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																
---	YEAR 2012																
---	YEAR 2013																
---	YEAR 2014																
---	YEAR 2015																
---	YEAR 2016																
---	YEAR 2017																
---	YEAR 2018																
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---	YEAR 2020																
---	YEAR 2021																
---	YEAR 2022																
---	YEAR 2023																
---	YEAR 2028																
---	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	KANA					KYGE								
				43	44	45	46	47	48	49							
				MTFC_1	MTFC_2	MTRR_6.0	MUSK_1	MUSK_2	MUSK_3	MUSK_4							
---	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	SEASON	JUNE	MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PICW_5
YEAR 2024	6								
YEAR 2025	6								
YEAR 2026	6								
YEAR 2027	6								
YEAR 2028	6								
YEAR 2029	6								
YEAR 2030	6								
YEAR 2031	6								
YEAR 2032	6								
YEAR 2033	6								
YEAR 2034	6								
YEAR 2035	6								
YEAR 2036	6								
YEAR 2037	6								
YEAR 2038	6								
YEAR 2039	6								
YEAR 2040	6								
YEAR 2011	6		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	6								
YEAR 2013	6								
YEAR 2014	6								
YEAR 2015	6								
YEAR 2016	6								
YEAR 2017	6								
YEAR 2018	6								
YEAR 2019	6								
YEAR 2020	6								

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AEP 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_1IM	58	ROCK_2IM	59	ROCK_6P	60	STVA_1	61	STVA_2	62	STVA_3	63
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	SEASON	JUNE	STVA_4	BS1_CC	TANN_1	TANN_2	TANN_3	TANN_4	ZIMM_1
YEAR 2035	6		64	65	66	67	68	69	70
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									
YEAR 2031									
YEAR 2032									

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

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	6	JUNE	143	144	146	147	148	149	150
SEASONAL FUEL LIMIT MINIMUM	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	AM3_BIO	BS2_SEP	MNR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRP2_SEP			
	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	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	151	152	153	154	155	156	157
SEASONAL FIXED FUEL COST	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
	UNIT/DAY	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

FUEL	SEASON	6	JUNE	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MR5_SI	RP1_BIO	RR2_BIO
SEASONAL FUEL LIMIT MAXIMUM	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
	UNIT/DAY	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	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
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
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
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.INPUT.FUEL TYPE.

FUEL ===== SEASON 7 JULY =====  
AMOS\_1 1 AMOS\_2 2 AMOS\_3 3 BECK\_6 4 BIGS\_1 5 BIGS\_2 6 CARD\_1 7

----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- 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 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  
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 -----

----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----

YEAR	SEASON	JULY	CLIF_6_15	CLIN_1_16	CLIN_2_17	CLIN_3_18	CSVL_1_19	CSVL_2_20	CSVL_3_21
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
YEAR 2011	SEASON 7	JULY	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									

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



4-Company East Optimization

YEAR	SEASON	JULY	GLN_5	GLN_6	BS2_4.5	BS2_3.0	KAMM_1	KAMM_2	KAMM_3
YEAR 2036	SEASON 7	JULY	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
SEASONAL FIXED FUEL COST									
YEAR 2011			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST									
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	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

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	7	JULY	36	37	38	39	40	41	42
-----	YEAR 2032	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2033	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2034	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2035	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2036	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2037	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2038	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2039	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2040	-----	-----	-----	-----	-----	-----	-----	-----	-----

FUEL	SEASON	7	JULY	36	37	38	39	40	41	42
-----	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	-----	-----	-----	-----	-----	-----	-----	-----	-----

FUEL	SEASON	7	JULY	43	44	45	46	47	48	49
-----	YEAR 2011	-----	-----	-----	-----	-----	-----	-----	-----	-----
SEASONAL	FIXED FUEL COST	-----	-----	-----	-----	-----	-----	-----	-----	-----
SEASONAL	FUEL LIMIT MAXIMUM	-----	-----	-----	-----	-----	-----	-----	-----	-----
SEASONAL	FUEL LIMIT MINIMUM	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2012	-----	-----	-----	-----	-----	-----	-----	-----	-----

FUEL	SEASON	7	JULY	43	44	45	46	47	48	49
-----	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 -----

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



YEAR	SEASON	JULY	STQA_4	BS1_CC	TANN_1	TANN_2	TANN_3	TANN_4	ZTMM_1
YEAR 2024	7								
YEAR 2025	7								
YEAR 2026	7								
YEAR 2027	7								
YEAR 2028	7								
YEAR 2029	7								
YEAR 2030	7								
YEAR 2031	7								
YEAR 2032	7								
YEAR 2033	7								
YEAR 2034	7								
YEAR 2035	7								
YEAR 2036	7								
YEAR 2037	7								
YEAR 2038	7								
YEAR 2039	7								
YEAR 2040	7								
YEAR 2011	7		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	7								
YEAR 2013	7								
YEAR 2014	7								
YEAR 2015	7								
YEAR 2016	7								
YEAR 2017	7								
YEAR 2018	7								
YEAR 2019	7								
YEAR 2020	7								

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

REP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL.TYPE.

FUEL	SEASON	7	JULY	STVA_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	DOMINON	72	TCO_DELV	73	CEREDO	74	DARBY	75	DRESDEN	76	LAWRNG	77
---	YEAR 2011	---	---	0.00	---	0.00	---	0.00	---	0.00	---	0.00	---	0.00	---	0.00	---
---	SEASONAL FTXED 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	ROBMONIE	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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL.TYPE.

FUEL	SEASON 7	JULY	ROBMON	WATERFOR	ROCK_5.1	MRS_NGCC	PC_S_NER	STKR_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 7	JULY	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
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	---							
---	YEAR 2033	---							
---	YEAR 2034	---							
---	YEAR 2035	---							
---	YEAR 2036	---							
---	YEAR 2037	---							
---	YEAR 2038	---							
---	YEAR 2039	---							
---	YEAR 2040	---							

FUEL	SEASON 7	JULY	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MRS_SI	RPL_BIO	RP2_BIO
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	8	AUGUST	-----
----- YEAR 2011 -----	AMOS_1	1	0.00	
SEASONAL FIXED FUEL COST			-1.00	
SEASONAL FUEL LIMIT MAXIMUM	AMOS_2	2	0.00	
			-1.00	
	AMOS_3	3	0.00	
			-1.00	
	BECK_6	4	0.00	
			-1.00	
	BIGS_1	5	0.00	
			-1.00	
	BIGS_2	6	0.00	
			-1.00	
	CARD_1	7	0.00	
			-1.00	

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 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL	SEASON	AUGUST	AMOS_1	AMOS_2	AMOS_3	BECK_6	BIGS_1	BIGS_2	CARD_1
YEAR 2011	8		1	2	3	4	5	6	7
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									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

FUEL	SEASON	AUGUST	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
YEAR 2011	8		8	9	10	11	12	13	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 2012									
YEAR 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										
=====										
FUEL	SEASON	8	AUGUST	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3
=====										
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										

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	CSVL_4 22	CSVL_5 23	CSVL_6 24	COOK_1 25	COOK_2 26	GAVI_1 27	GAVI_2 28
-----	YEAR 2022	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2023	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2024	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2025	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2026	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2027	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2028	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	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	-----	-----	-----	-----	-----	-----	-----	-----	-----
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
-----	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	182.83	182.83	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	-----	-----	-----	-----	-----	-----	-----	-----	-----
SEASONAL	FIXED FUEL COST		\$000	0.00	0.00	0.00	273.83	273.83	0.00	0.00



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.FUEL TYPE.

FUEL	SEASON	8	AUGUST	=====	GLEN_29	GLEN_30	BS2_4.5	BS2_3.0	KAMM_1	KAMM_2	KAMM_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	---	---	---	---	---	---	---	---	---	---	
-----												
FUEL	=====	SEASON	8	AUGUST	=====	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	---	---	---	---	---	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	---	---	---	---	---	---	---	---	---	---	---

YEAR	SEASON	AUGUST*	MITC_1	MITC_2	MTNR_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	-----	-----	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	-----	-----	-----	-----	-----	-----	-----	-----	-----

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	MITC_1	43	MITC_2	44	MTNR_6.0	45	MUSK_1	46	MUSK_2	47	MUSK_3	48	MUSK_4	49
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	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	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 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	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		\$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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- 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 8 AUGUST		QUALIFIER = GAF.INPUT.FUEL TYPE.						
	STVA_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 FIXED FUEL COST	-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	
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									

FUEL	SEASON 8 AUGUST		QUALIFIER = GAF.INPUT.FUEL TYPE.						
	TCO_POOL	DONNINON	TCO_DELV	CERRIDO	DARBY	DRESDEN	LAMING		
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	-1.00	
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 2012									
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 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 = GAP.INPUT.FUEL TYPE.

FUEL	SEASON 8	AUGUST	ROBMON	78	79	ROCK_S.1	80	MRS_NGCC	81	PC_S_NE8	139	STKR_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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
===== SEASON 8 AUGUST =====																
FUEL			AM3_BIO	143	BS2_SEP	144	NMTR_BIO	146	TNR4_SEP	147	SRTL_SEP	148	SRTL_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	
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	AUGUST	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MRS_SI	RPI_BIO	RP2_BIO
YEAR 2035	8		151	152	153	154	155	156	157
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.



----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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	=====
YEAR 2011				
SEASONAL FIXED FUEL COST				
SEASONAL FUEL LIMIT MAXIMUM				
		\$000		
		UNIT/DAY		
			CLIF_6	15
		0.00		
		-1.00		
			CLIN_1	16
		0.00		
		-1.00		
			CLIN_2	17
		0.00		
		-1.00		
			CLIN_3	18
		0.00		
		-1.00		
			CSVL_1	19
		0.00		
		-1.00		
			CSVL_2	20
		0.00		
		-1.00		
			CSVL_3	21
		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	9 SEPTEMBER	CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2
SEASONAL FUEL LIMIT MINIMUM	YEAR 2011	UNIT/DAY	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_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								

FUEL	SEASON	9 SEPTEMBER	CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2
SEASONAL YEAR 2011	YEAR 2011	UNIT/DAY	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3
SEASONAL YEAR 2012	YEAR 2012								
SEASONAL YEAR 2013	YEAR 2013								
SEASONAL YEAR 2014	YEAR 2014								
SEASONAL YEAR 2015	YEAR 2015								
SEASONAL YEAR 2016	YEAR 2016								
SEASONAL YEAR 2017	YEAR 2017								
SEASONAL YEAR 2018	YEAR 2018								
SEASONAL YEAR 2019	YEAR 2019								
SEASONAL YEAR 2020	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	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.









YEAR	SEASON	9	SEPTEMBER	57	58	59	60	61	62	63
FUEL	SEASON	9	SEPTEMBER	BS2 1.7	ROCK_1IM	ROCK_2IM	ROCK_6P	STUA_1	STUA_2	STUA_3
YEAR 2035	YEAR 2011	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2036	YEAR 2012	SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2037	YEAR 2013	SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2038	YEAR 2014									
YEAR 2039	YEAR 2015									
YEAR 2040	YEAR 2016									
	YEAR 2017									
	YEAR 2018									
	YEAR 2019									
	YEAR 2020									
	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	9 SEPTEMBER	71	72	73	74	75	76	77
---	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
---	YEAR 2011	-----							
---	YEAR 2012	-----							
---	YEAR 2013	-----							
---	YEAR 2014	-----							
---	YEAR 2015	-----							
---	YEAR 2016	-----							
---	YEAR 2017	-----							
---	YEAR 2018	-----							
---	YEAR 2019	-----							
---	YEAR 2020	-----							
---	YEAR 2021	-----							
---	YEAR 2022	-----							
---	YEAR 2023	-----							
---	YEAR 2024	-----							
---	YEAR 2025	-----							
---	YEAR 2026	-----							
---	YEAR 2027	-----							
---	YEAR 2028	-----							
---	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
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	-----							

FUEL	SEASON	9 SEPTEMBER	71	72	73	74	75	76	77
---	YEAR 2011	-----							
---	YEAR 2012	-----							
---	YEAR 2013	-----							

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	-----							



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	9 SEPTEMBER	ROBMON	78	79	80	81	139	140	141						
		UNIT/DAY		WATERFOR	ROCK_5.1	MRS_NGCC	PC_S_MER	STRK_BIO	MRS_CO							
SEASONAL FUEL LIMIT MINIMUM	YEAR 2011	-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															
	SEASON 9 SEPTEMBER															
			AM3_BIO	143	BS2_SEP	144	MNTR_BIO	146	TNR4_SEP	147	SR11_SEP	148	SR11_BIO	149	SR12_SEP	150
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			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															



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	9	SEPTEMBER	SRP2_BIO	151	SRT3_SEP	152	SRT3_BIO	153	SRT4_SEP	154	MRS_SI	155	RPI_BIO	156	RP2_BIO	157
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 ----- YEAR 2040 -----

FUEL	SEASON	10	OCTOBER	AMOS_1	1	AMOS_2	2	AMOS_3	3	BECK_6	4	BIGS_1	5	BIGS_2	6	CARD_1	7
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 -----  
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 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----



		SEASON 10 OCTOBER									
FUEL		CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5			
YEAR	SEASONAL FIXED FUEL COST	8	9	10	11	12	13	14			
YEAR 2036	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
YEAR 2037	-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			
YEAR 2039	-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			
YEAR 2011	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			
YEAR 2013	-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			
YEAR 2015	-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			
YEAR 2017	-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			
YEAR 2019	-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			
YEAR 2021	-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			
YEAR 2023	-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			
YEAR 2025	-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			
YEAR 2027	-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			
YEAR 2029	-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			
YEAR 2031	-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			
YEAR 2033	-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 10	OCTOBER	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
---	YEAR 2034	---	8	9	10	11	12	13	14
---	YEAR 2035	---							
---	YEAR 2036	---							
---	YEAR 2037	---							
---	YEAR 2038	---							
---	YEAR 2039	---							
---	YEAR 2040	---							

FUEL	SEASON 10	OCTOBER	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3
---	YEAR 2011	---	15	16	17	18	19	20	21
---	YEAR 2012	---							
---	YEAR 2013	---							
---	YEAR 2014	---							
---	YEAR 2015	---							
---	YEAR 2016	---							
---	YEAR 2017	---							
---	YEAR 2018	---							
---	YEAR 2019	---							
---	YEAR 2020	---							
---	YEAR 2021	---							
---	YEAR 2022	---							
---	YEAR 2023	---							
---	YEAR 2024	---							
---	YEAR 2025	---							
---	YEAR 2026	---							
---	YEAR 2027	---							
---	YEAR 2028	---							
---	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	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	---								
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---	YEAR 2039	---								
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FUEL	SEASON 10	OCTOBER	CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVL_1	GAVL_2
---	YEAR 2011	---	22	23	24	25	26	27	28
---	YEAR 2012	---							
---	YEAR 2013	---							
---	SEASONAL FIXED FUEL COST	---	0.00	0.00	0.00	182.83	182.83	0.00	0.00





4-Company Past Optimization

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----- 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.

SEASON 10		OCTOBER									
FUEL		MITC_1	MITC_2	MTNR_6.0	MUSK_1	MUSK_2	MUSK_3	MUSK_4	MUSK_5	PICW_5	
YEAR 2011		43	44	45	46	47	48	49			
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											
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YEAR 2035											
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YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

SEASON 10		OCTOBER									
FUEL		MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PICW_5			
YEAR 2011		50	51	52	53	54	55	56			
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											
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YEAR 2021											
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FUEL		SEASON 10 OCTOBER								
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SEASONAL	FIXED FUEL COST	BS2 1.7	ROCK_1IM	ROCK_2IM	ROCK_6P	STVA_1	STVA_2	STVA_3		
SEASONAL	FUEL LIMIT MAXIMUM	57	58	59	60	61	62	63		
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		

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

REP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON 10 OCTOBER									
	57	58	59	60	61	62	63	64	65	66
	BS2 1.7	ROCK_1IM	ROCK_2IM	ROCK_6P	STUA_1	STUA_2	STUA_3	STUA_4	BS1 CC	TANN_1
-----	YEAR 2021	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2022	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2023	-----	-----	-----	-----	-----	-----	-----	-----	-----
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-----	YEAR 2030	-----	-----	-----	-----	-----	-----	-----	-----	-----
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-----	YEAR 2039	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2040	-----	-----	-----	-----	-----	-----	-----	-----	-----
FUEL	===== SEASON 10 OCTOBER =====									
		STUA_4	64		BS1	CC	65		TANN_1	66
SEASONAL FIXED FUEL COST	\$000	0.00			0.00				0.00	
SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00			-1.00				-1.00	
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	-1.00			-1.00				-1.00	
-----	YEAR 2011	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2012	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2013	-----	-----	-----	-----	-----	-----	-----	-----	-----
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-----	YEAR 2015	-----	-----	-----	-----	-----	-----	-----	-----	-----
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-----	YEAR 2020	-----	-----	-----	-----	-----	-----	-----	-----	-----
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-----	YEAR 2039	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2040	-----	-----	-----	-----	-----	-----	-----	-----	-----
		TANN_2	67		TANN_3	68		TANN_4	69	ZTMD_1
		0.00			0.00			0.00		0.00
		-1.00			-1.00			-1.00		-1.00
		-1.00			-1.00			-1.00		-1.00



		SEASON 10 OCTOBER						
FUEL		TCO_POOL	DOKINON	TCO_DELV	CEREDO	DARBY	DRESDEN	LAWRNG
		71	72	73	74	75	76	77
-----	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
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 2020	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2021	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2022	-----	-----	-----	-----	-----	-----	-----
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-----	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 10	OCTOBER	TCO_POOL	71	DOMINON	72	TCO_DELV	73	CEREDO	74	DARBY	75	DRESDEN	76	LAWRNG	77
---	YEAR 2033	---														
---	YEAR 2034	---														
---	YEAR 2035	---														
---	YEAR 2036	---														
---	YEAR 2037	---														
---	YEAR 2038	---														
---	YEAR 2039	---														
---	YEAR 2040	---														

FUEL	SEASON 10	OCTOBER	ROBMONF	78	WATERFOR	79	ROCK_5-1	80	MRS_NGCC	81	PC_S_NB8	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 10	OCTOBER	AM3_BIO	143	B52_SEP	144	MNTR_BIO	146	TNR4_SEP	147	SRTL_SEP	148	SRTL_BIO	149	SRT2_SEP	150
---	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 -----  
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 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
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 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 10 OCTOBER =====	
FUEL	
SEASONAL FIXED FUEL COST	\$000
SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY
YEAR 2011	0.00
YEAR 2012	-1.00
YEAR 2013	0.00
YEAR 2014	-1.00
YEAR 2015	0.00
YEAR 2016	-1.00
YEAR 2017	0.00
YEAR 2018	-1.00
YEAR 2019	0.00
YEAR 2020	-1.00
YEAR 2021	0.00
YEAR 2022	-1.00
YEAR 2023	0.00
YEAR 2024	-1.00
YEAR 2025	0.00
YEAR 2026	-1.00
YEAR 2027	0.00
YEAR 2028	-1.00
YEAR 2029	0.00
YEAR 2030	-1.00
YEAR 2031	0.00
YEAR 2032	-1.00
YEAR 2033	0.00
YEAR 2034	-1.00
YEAR 2035	0.00
YEAR 2036	-1.00
YEAR 2037	0.00
YEAR 2038	-1.00
YEAR 2039	0.00
YEAR 2040	-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 10		OCTOBER						
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	SRT2_BIO 151	SRT3_SEP 152	SRT3_BIO 153	SRT4_SEP 154	MRS_SI 155	RP1_BIO 156	RP2_BIO 157
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							

SEASON 11		NOVEMBER						
SEASONAL FIXED FUEL COST	UNIT/DAY	AMOS_1 1	AMOS_2 2	AMOS_3 3	BECK_6 4	BIGS_1 5	BIGS_2 6	CARD_1 7
SEASONAL FUEL LIMIT MAXIMUM	\$000	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
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 11 NOVEMBER =====

	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
----- 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 -----							

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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 11 NOVEMBER =====  
CARD\_2 8 CARD\_3 9 CLIF\_1 10 CLIF\_2 11 CLIF\_3 12 CLIF\_4 13 CLIF\_5 14

----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- 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 15 CHIN\_1 16 CLIN\_2 17 CLIN\_3 18 CSVL\_1 19 CSVL\_2 20 CSVL\_3 21

----- YEAR 2011 -----  
SEASONAL FIXED FUEL COST \$000 0.00  
SEASONAL FUEL LIMIT MAXIMUM UNIT/DAY -1.00  
SEASONAL 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 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----

	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	SEASON 11 NOVEMBER													
FUEL						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						0.00	0.00	0.00	0.00	0.00	808.93	808.93	808.93	808.93	808.93	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
SEASONAL FIXED FUEL COST						0.00	0.00	0.00	0.00	0.00	808.93	808.93	808.93	808.93	808.93	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST						0.00	0.00	0.00	0.00	0.00	532.83	532.83	532.83	532.83	532.83	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST						0.00	0.00	0.00	0.00	0.00	538.16	538.16	538.16	538.16	538.16	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST						0.00	0.00	0.00	0.00	0.00	543.66	543.66	543.66	543.66	543.66	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST						0.00	0.00	0.00	0.00	0.00	549.32	549.32	549.32	549.32	549.32	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST						0.00	0.00	0.00	0.00	0.00	555.15	555.15	555.15	555.15	555.15	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST						0.00	0.00	0.00	0.00	0.00	561.15	561.15	561.15	561.15	561.15	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST						0.00	0.00	0.00	0.00	0.00	567.34	567.34	567.34	567.34	567.34	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST						0.00	0.00	0.00	0.00	0.00	573.71	573.71	573.71	573.71	573.71	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST						0.00	0.00	0.00	0.00	0.00	580.03	580.03	580.03	580.03	580.03	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST						0.00	0.00	0.00	0.00	0.00	586.54	586.54	586.54	586.54	586.54	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST						0.00	0.00	0.00	0.00	0.00	593.01	593.01	593.01	593.01	593.01	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST						0.00	0.00	0.00	0.00	0.00	599.67	599.67	599.67	599.67	599.67	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST						0.00	0.00	0.00	0.00	0.00	606.28	606.28	606.28	606.28	606.28	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 11 NOVEMBER									
		CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2			
SEASONAL FIXED FUEL COST	YEAR 2026	0.00	0.00	0.00	613.08	613.08	0.00	0.00			
SEASONAL FIXED FUEL COST	YEAR 2027	0.00	0.00	0.00	619.84	619.84	0.00	0.00			
SEASONAL FIXED FUEL COST	YEAR 2028	0.00	0.00	0.00	626.80	626.80	0.00	0.00			
SEASONAL FIXED FUEL COST	YEAR 2029	0.00	0.00	0.00	633.71	633.71	0.00	0.00			
SEASONAL FIXED FUEL COST	YEAR 2030	0.00	0.00	0.00	640.83	640.83	0.00	0.00			
SEASONAL FIXED FUEL COST	YEAR 2031	0.00	0.00	0.00	647.89	647.89	0.00	0.00			
SEASONAL FIXED FUEL COST	YEAR 2032	0.00	0.00	0.00	655.16	655.16	0.00	0.00			
SEASONAL FIXED FUEL COST	YEAR 2033	0.00	0.00	0.00	662.38	662.38	0.00	0.00			
SEASONAL FIXED FUEL COST	YEAR 2034	0.00	0.00	0.00	669.82	669.82	0.00	0.00			
SEASONAL FIXED FUEL COST	YEAR 2035	0.00	0.00	0.00	677.20	677.20	0.00	0.00			
SEASONAL FIXED FUEL COST	YEAR 2036	0.00	0.00	0.00	684.81	684.81	0.00	0.00			
SEASONAL FIXED FUEL COST	YEAR 2037	0.00	0.00	0.00	692.36	692.36	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			
===== SEASON 11 NOVEMBER =====											
FUEL		GLEN_5	GLEN_6	BS2_4.5	BS2_3.0	KAMM_1	KAMM_2	KAMM_3			
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			
SEASONAL FUEL LIMIT	YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT	YEAR 2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00			



YEAR	2034	2035	2036	2037	2038	2039	2040
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
SEASONAL FUEL LIMIT	-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	-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 = GAF.INPUT.FUEL TYPE.

SEASON 11 NOVEMBER		KANA		KYGE		KYGE		KYGE		KYGE	
YEAR	MITC	36	37	38	39	40	41	42			
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

SEASON 11 NOVEMBER		MITC		MTRN		MUSK		MUSK		MUSK	
YEAR	MITC	43	44	45	46	47	48	49			
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											
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YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

SEASON 11 NOVEMBER		MUSK		PSPN		PSPN		PSPN		PSPN		PICM	
YEAR	MITC	50	51	52	53	54	55	56					
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													
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YEAR 2038													
YEAR 2039													
YEAR 2040													

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----- 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 11 NOVEMBER												
FUEL		57	58	59	60	61	62	63				
	BS2 1.7	ROCK_11M	ROCK_21M	ROCK_6P	STVA_1	STVA_2	STVA_3					
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												
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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												
===== SEASON 11 NOVEMBER =====												
FUEL		STVA_4	BS1	CC	TANN_1	TANN_2	TANN_3	TANN_4	21M_1			
		64	65	66	67	68	69	70				
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	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	0.00	0.00	0.00	0.00	0.00	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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF\_INPUT\_FUEL TYPE.

SEASON 11 NOVEMBER  
 FUEL TCO\_POOL 71 DOMINON 72 TCO\_DELV 73 CERBDO 74 DARBY 75 DRESDEN 76 LAMRNG 77

----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
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 ----- YEAR 2030 -----  
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 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

SEASON 11 NOVEMBER  
 FUEL ROBMONE 78 WATERFOR 79 ROCK\_5.1 80 MRS\_NGCC 81 PC\_S\_NE8 139 STKR\_BIO 140 MRS\_CO 141

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	YEAR 2012	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2013	YEAR 2013	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2014	YEAR 2014	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2015	YEAR 2015	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2016	YEAR 2016	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2017	YEAR 2017	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2018	YEAR 2018	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2019	YEAR 2019	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2020	YEAR 2020	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2021	YEAR 2021	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2022	YEAR 2022	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2023	YEAR 2023	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2024	YEAR 2024	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2025	YEAR 2025	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2026	YEAR 2026	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2027	YEAR 2027	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2028	YEAR 2028	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2029	YEAR 2029	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2030	YEAR 2030	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2031	YEAR 2031	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2032	YEAR 2032	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2033	YEAR 2033	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2034	YEAR 2034	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2035	YEAR 2035	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2036	YEAR 2036	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2037	YEAR 2037	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2038	YEAR 2038	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2039	YEAR 2039	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2040	YEAR 2040	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

YEAR	2035	2036	2037	2038	2039	2040
SEASONAL FIXED FUEL COST	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
SEASONAL FUEL LIMIT MINIMUM	-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
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
YEAR 2032	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.FUEL TYPE.

FUEL SEASON 11 NOVEMBER

YEAR 2033	AM3_BIO 143	BS2_SEP 144	MNFR_BIO 146	TNR4_SEP 147	SRT1_SEP 148	SRT1_BIO 149	SRT2_SEP 150
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

FUEL SEASON 11 NOVEMBER

YEAR 2011	SRT2_BIO 151	SRT3_SEP 152	SRT3_BIO 153	SRT4_SEP 154	MP5_SI 155	RPI_BIO 156	RP2_BIO 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
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 2026							
YEAR 2027							
YEAR 2028							
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

YEAR 2011	AMOS_1 1	AMOS_2 2	AMOS_3 3	BECK_6 4	BIGS_1 5	BIGS_2 6	CARD_1 7
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							



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

FUEL, SEASON 12 DECEMBER -----  
 ----- YEAR 2011 -----  
 SEASONAL FIXED FUEL COST \$000  
 SEASONAL FUEL LIMIT MAXIMUM UNIT/DAY  
 CARD\_2 8 0.00  
 CARD\_3 9 -1.00  
 CLIF\_1 10 0.00  
 CLIF\_2 11 -1.00  
 CLIF\_3 12 0.00  
 CLIF\_4 13 -1.00  
 CLIF\_5 14 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 12 DECEMBER

SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
YEAR 2011		8	9	10	11	12	13	14
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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 MINIMUM	UNIT/DAY	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3
YEAR 2011		15	16	17	18	19	20	21
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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

SEASONAL FIXED FUEL COST	UNIT/DAY	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3
YEAR 2011	\$000	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								

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

===== SEASON 12 DECEMBER =====									
FUEL	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019
SEASONAL FIXED FUEL COST	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY
SEASONAL FIXED FUEL COST	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
SEASONAL FIXED FUEL COST	458.93	458.93	182.83	188.16	193.66	199.32	205.15	211.15	211.15
SEASONAL FUEL LIMIT MAXIMUM	453.90	453.90	182.83	188.16	193.66	199.32	205.15	211.15	211.15
SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FIXED FUEL COST	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
SEASONAL FIXED FUEL COST	458.93	458.93	182.83	188.16	193.66	199.32	205.15	211.15	211.15
SEASONAL FUEL LIMIT MAXIMUM	453.90	453.90	182.83	188.16	193.66	199.32	205.15	211.15	211.15
SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FIXED FUEL COST	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

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	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2			
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	217.34	217.34	0.00	0.00			
---	YEAR 2019										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	223.71	223.71	0.00	0.00			
---	YEAR 2020										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	230.26	230.26	0.00	0.00			
---	YEAR 2021										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	237.01	237.01	0.00	0.00			
---	YEAR 2022										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	243.95	243.95	0.00	0.00			
---	YEAR 2023										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	251.10	251.10	0.00	0.00			
---	YEAR 2024										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	258.46	258.46	0.00	0.00			
---	YEAR 2025										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	266.03	266.03	0.00	0.00			
---	YEAR 2026										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	273.83	273.83	0.00	0.00			
---	YEAR 2027										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	281.85	281.85	0.00	0.00			
---	YEAR 2028										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	290.11	290.11	0.00	0.00			
---	YEAR 2029										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	298.61	298.61	0.00	0.00			
---	YEAR 2030										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	307.36	307.36	0.00	0.00			
---	YEAR 2031										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	316.36	316.36	0.00	0.00			
---	YEAR 2032										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	325.63	325.63	0.00	0.00			
---	YEAR 2033										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	335.18	335.18	0.00	0.00			
---	YEAR 2034										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	344.99	344.99	0.00	0.00			
---	YEAR 2035										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	355.10	355.10	0.00	0.00			
---	YEAR 2036										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	365.51	365.51	0.00	0.00			
---	YEAR 2037										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00			0.00	0.00			
---	YEAR 2038										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00			0.00	0.00			
---	YEAR 2039										
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00			0.00	0.00			
---	YEAR 2040										
===== SEASON 12 DECEMBER =====											
FUEL		GLRN_5	GLRN_6	BS2_4.5	BS2_3.0	KAMM_1	KAMM_2	KAMM_3			
---	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										

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

FUEL		SEASON 12 DECEMBER													
SEASONAL	FIXED FUEL COST	KANA_1 36		KANA_2 37		KYGE_1 38		KYGE_2 39		KYGE_3 40		KYGE_4 41		KYGE_5 42	
SEASONAL	FUEL LIMIT MAXIMUM	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
-----	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	-----	-1.00	-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
-----	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
-----	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	-----	-1.00	-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
-----	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
-----	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

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 VALUE CHANGED FROM PREVIOUS YEAR.



YEAR	FIXED FUEL COST	FUEL LIMIT MAXIMUM	FUEL LIMIT MINIMUM	UNIT/DAY	MUSK_50	PSPN_1_51	PSPN_2_52	PSPN_3_53	PSPN_4_54	PSPN_5_55	PIOW_5_56
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											
===== SEASON 12 DECEMBER =====											
SEASONAL FUEL LIMIT MAXIMUM				\$000	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 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 12 DECEMBER									
FUEL	MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PICW_5		
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASON 12 DECEMBER									
FUEL	BS2_1_7	ROCK_11M	ROCK_21M	ROCK_6P	STUA_1	STUA_2	STUA_3		
YEAR 2011									
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 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									

SEASON 12 DECEMBER									
FUEL	STUA_4	BS1_CC	TANN_1	TANN_2	TANN_3	TANN_4	Z1M_1		
YEAR 2011									
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 2012									
YEAR 2013									



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

-----		SEASON 12 DECEMBER		-----			
FUEL	TCO_POOL	DOMINON	TCO_DELV	CEREDO	DARBY	DRESDEN	LAMENG
	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 = GAP.INPUT.FUEL TYPE.

FUEL		SEASON 12 DECEMBER													
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	TCO_POOL 71	DOMINON 72	TCO_DELIV 73	CREDO 74	DARBY 75	DRESDEN 76	LAWRNG 77	ROBMON	WATERFOR	ROCK_5.1	MRS_MGCC	PC_S_NEB	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															

SEASON 12 DECEMBER  
ROBMON 78 WATERFOR 79 ROCK\_5.1 80 MRS\_MGCC 81 PC\_S\_NEB 139 STKR\_BIO 140 MRS\_CO 141

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

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

		===== SEASON 12 DECEMBER =====						
FUEL		AM3_BIO	BS2_SEP	MNTR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP
		143	144	146	147	148	149	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
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	-----	-----	-----	-----	-----	-----	-----

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 12 DECEMBER													
YEAR 2022	AM3_BIO	143	BS2_SEP	144	WATR_BIO	146	TWR4_SEP	147	SRT1_SEP	148	SRT1_BIO	149	SRT2_SEP	150
YEAR 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
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													
YEAR 2011	SRT2_BIO	151	SRT3_SEP	152	SRT3_BIO	153	SRT4_SEP	154	MR5_SI	155	RP1_BIO	156	RP2_BIO	157
YEAR 2012														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														
YEAR 2021														
YEAR 2022														
YEAR 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
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
YEAR 2011	0.00	-1.00	0.00	-1.00	0.00
YEAR 2012	0.00	-1.00	0.00	-1.00	0.00
YEAR 2013	0.00	-1.00	0.00	-1.00	0.00
YEAR 2014	0.00	-1.00	0.00	-1.00	0.00
YEAR 2015	0.00	-1.00	0.00	-1.00	0.00
YEAR 2016	0.00	-1.00	0.00	-1.00	0.00
YEAR 2017	0.00	-1.00	0.00	-1.00	0.00
YEAR 2018	0.00	-1.00	0.00	-1.00	0.00
YEAR 2019	0.00	-1.00	0.00	-1.00	0.00
YEAR 2020	0.00	-1.00	0.00	-1.00	0.00
YEAR 2021	0.00	-1.00	0.00	-1.00	0.00
YEAR 2022	0.00	-1.00	0.00	-1.00	0.00
YEAR 2023	0.00	-1.00	0.00	-1.00	0.00
YEAR 2024	0.00	-1.00	0.00	-1.00	0.00
YEAR 2025	0.00	-1.00	0.00	-1.00	0.00
YEAR 2026	0.00	-1.00	0.00	-1.00	0.00
YEAR 2027	0.00	-1.00	0.00	-1.00	0.00
YEAR 2028	0.00	-1.00	0.00	-1.00	0.00
YEAR 2029	0.00	-1.00	0.00	-1.00	0.00
YEAR 2030	0.00	-1.00	0.00	-1.00	0.00
YEAR 2031	0.00	-1.00	0.00	-1.00	0.00
YEAR 2032	0.00	-1.00	0.00	-1.00	0.00
YEAR 2033	0.00	-1.00	0.00	-1.00	0.00
YEAR 2034	0.00	-1.00	0.00	-1.00	0.00
YEAR 2035	0.00	-1.00	0.00	-1.00	0.00
YEAR 2036	0.00	-1.00	0.00	-1.00	0.00
YEAR 2037	0.00	-1.00	0.00	-1.00	0.00
YEAR 2038	0.00	-1.00	0.00	-1.00	0.00
YEAR 2039	0.00	-1.00	0.00	-1.00	0.00
YEAR 2040	0.00	-1.00	0.00	-1.00	0.00

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 POINTNER	1	0	0
COMMISSION MONTH	0	0	0
COMMISSION YEAR	1	1	1
COMMITMENT CONTRIBUTION	1	1	1
ESCALATION ANCIILARY REVENUE	2011	2011	2011
ESCALATION CAPACITY REVENUE	N	N	N
ESCALATION FIXED COSTS			
ESCALATION VARIABLE COSTS			
RETIREMENT MONTH	12	12	12
RETIREMENT YEAR	2045	2045	2045
SOURCE INDEX NUMBER	0	0	0
SPINNING CONTRIBUTION	100.00	100.00	100.00
SYSTEM AGGREGATE POINTNER	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 TM	RACINE
	0	0	0
----- YEAR 2011 -----			
ANCILLARY REVENUE RATE	0.00	0.00	0.00
ANNUAL HYDRO ENERGY	MMH 678900.00	116500.00	177300.00
CAPACITY REVENUE PROFILE	0	0	0
CAPACITY REVENUE RATE	\$/KW 0.00	0.00	0.00
FIXED COSTS	\$/KW 0.00	0.00	0.00
HYDRO ENERGY POINTER	0	0	0
HYDRO MAXIMUM CAPACITY POINTER	-31	-32	-20
HYDRO MINIMUM CAPACITY POINTER	-31	-32	-20
MAXIMUM CAPACITY	MM 121.00	18.00	26.00
MINIMUM CAPACITY	MM 29.00	2.00	1.00
PERCENT FIRM	% 100.00	100.00	100.00
RENEWABLE ENERGY CREDIT	0.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MWH 0.00	0.00	0.00
----- YEAR 2012 -----			
ANNUAL HYDRO ENERGY	MMH 696500.00	118600.00	183600.00
----- YEAR 2013 -----			
ANNUAL HYDRO ENERGY	MMH 667200.00	118900.00	183600.00
----- YEAR 2014 -----			
ANNUAL HYDRO ENERGY	MMH 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 = GAP.INPUT.HYDRO UNIT.

GENERATING COMPANIES HYDRO UNIT	1 OPCO+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 IEM	1 HYDRO AP	2 HYDRO IM	3 RACINE
0	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	
YEAR 2012	
YEAR 2013	
YEAR 2014	
YEAR 2015	
YEAR 2016	
YEAR 2017	
YEAR 2018	
YEAR 2019	
YEAR 2020	
YEAR 2021	
YEAR 2022	
YEAR 2023	
YEAR 2024	

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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 APCC  
 1 HYDRO AP  
 2 HYDRO IM  
 3 RACTINE  
 0 0 0

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

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 RACINE
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
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 KPCCO	1 HYDRO AP	2 HYDRO IM	3 RACINE
YEAR 2011			
YEAR 2012			
YEAR 2013			
YEAR 2014			
YEAR 2015			
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			
YEAR 2023			
YEAR 2024			
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
YEAR 2011			
YEAR 2012			
YEAR 2013			
YEAR 2014			
YEAR 2015			
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			
YEAR 2023			
YEAR 2024			
YEAR 2025			
YEAR 2026			
YEAR 2027			
YEAR 2028			
YEAR 2029			
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			

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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

HYDRO UNIT	SEASON 1	JANUARY	SEASON 2	FEBRUARY	1	2	3
					HYDRO AP	HYDRO IM	RACINE
					0	0	0
SEASONAL HYDRO ENERGY	YEAR 2011	RATIO	0.09	0.09	0.09		
SEASONAL HYDRO ENERGY	YEAR 2012	RATIO	0.10	0.09	0.09		
SEASONAL HYDRO ENERGY	YEAR 2013	RATIO	0.10	0.09	0.09		
SEASONAL HYDRO ENERGY	YEAR 2014	RATIO	0.10	0.09	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						
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						
SEASONAL HYDRO ENERGY	YEAR 2041						
SEASONAL HYDRO ENERGY	YEAR 2042						
SEASONAL HYDRO ENERGY	YEAR 2043						
SEASONAL HYDRO ENERGY	YEAR 2044						
SEASONAL HYDRO ENERGY	YEAR 2045						
SEASONAL HYDRO ENERGY	YEAR 2046						
SEASONAL HYDRO ENERGY	YEAR 2047						
SEASONAL HYDRO ENERGY	YEAR 2048						
SEASONAL HYDRO ENERGY	YEAR 2049						
SEASONAL HYDRO ENERGY	YEAR 2050						
SEASONAL HYDRO ENERGY	YEAR 2051						
SEASONAL HYDRO ENERGY	YEAR 2052						
SEASONAL HYDRO ENERGY	YEAR 2053						
SEASONAL HYDRO ENERGY	YEAR 2054						
SEASONAL HYDRO ENERGY	YEAR 2055						
SEASONAL HYDRO ENERGY	YEAR 2056						
SEASONAL HYDRO ENERGY	YEAR 2057						
SEASONAL HYDRO ENERGY	YEAR 2058						
SEASONAL HYDRO ENERGY	YEAR 2059						
SEASONAL HYDRO ENERGY	YEAR 2060						
SEASONAL HYDRO ENERGY	YEAR 2061						
SEASONAL HYDRO ENERGY	YEAR 2062						
SEASONAL HYDRO ENERGY	YEAR 2063						
SEASONAL HYDRO ENERGY	YEAR 2064						
SEASONAL HYDRO ENERGY	YEAR 2065						
SEASONAL HYDRO ENERGY	YEAR 2066						
SEASONAL HYDRO ENERGY	YEAR 2067						
SEASONAL HYDRO ENERGY	YEAR 2068						
SEASONAL HYDRO ENERGY	YEAR 2069						
SEASONAL HYDRO ENERGY	YEAR 2070						
SEASONAL HYDRO ENERGY	YEAR 2071						
SEASONAL HYDRO ENERGY	YEAR 2072						
SEASONAL HYDRO ENERGY	YEAR 2073						
SEASONAL HYDRO ENERGY	YEAR 2074						
SEASONAL HYDRO ENERGY	YEAR 2075						
SEASONAL HYDRO ENERGY	YEAR 2076						
SEASONAL HYDRO ENERGY	YEAR 2077						
SEASONAL HYDRO ENERGY	YEAR 2078						
SEASONAL HYDRO ENERGY	YEAR 2079						
SEASONAL HYDRO ENERGY	YEAR 2080						
SEASONAL HYDRO ENERGY	YEAR 2081						
SEASONAL HYDRO ENERGY	YEAR 2082						
SEASONAL HYDRO ENERGY	YEAR 2083						
SEASONAL HYDRO ENERGY	YEAR 2084						
SEASONAL HYDRO ENERGY	YEAR 2085						
SEASONAL HYDRO ENERGY	YEAR 2086						
SEASONAL HYDRO ENERGY	YEAR 2087						
SEASONAL HYDRO ENERGY	YEAR 2088						
SEASONAL HYDRO ENERGY	YEAR 2089						
SEASONAL HYDRO ENERGY	YEAR 2090						
SEASONAL HYDRO ENERGY	YEAR 2091						
SEASONAL HYDRO ENERGY	YEAR 2092						
SEASONAL HYDRO ENERGY	YEAR 2093						
SEASONAL HYDRO ENERGY	YEAR 2094						
SEASONAL HYDRO ENERGY	YEAR 2095						
SEASONAL HYDRO ENERGY	YEAR 2096						
SEASONAL HYDRO ENERGY	YEAR 2097						
SEASONAL HYDRO ENERGY	YEAR 2098						
SEASONAL HYDRO ENERGY	YEAR 2099						
SEASONAL HYDRO ENERGY	YEAR 2100						

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----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- 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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HYDRO UNIT	SEASON	MARCH	1	2	3
			HYDRO AP	HYDRO IM	RACINE
			0	0	0
SEASONAL HYDRO ENERGY	YEAR 2011	RATIO	0.13	0.10	0.08
SEASONAL HYDRO ENERGY	YEAR 2012	RATIO	0.13	0.10	0.08
SEASONAL HYDRO ENERGY	YEAR 2013	RATIO	0.13	0.10	0.08
SEASONAL HYDRO ENERGY	YEAR 2014	RATIO	0.12	0.10	0.08
-----	YEAR 2015	-----	-----	-----	-----
-----	YEAR 2016	-----	-----	-----	-----
-----	YEAR 2017	-----	-----	-----	-----

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	RACTIME
UNIT	5		1	2	3
			HYDRO AP	HYDRO IM	RACTIME
			0	0	0
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	0.11	0.09	0.11
YEAR 2012					
SEASONAL HYDRO ENERGY		RATIO	0.11	0.09	0.10
YEAR 2013					
SEASONAL HYDRO ENERGY		RATIO	0.11	0.09	0.10
YEAR 2014					
SEASONAL HYDRO ENERGY		RATIO	0.11	0.09	0.10
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.



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.HYDRO UNIT.

HYDRO UNIT	SEASON 5			MAY		
	1	2	3	1	2	3
	HYDRO AP	HYDRO IM	RACINE	HYDRO AP	HYDRO IM	RACINE
YEAR 2027						
YEAR 2028						
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 6			JUNE		
	1	2	3	1	2	3
	HYDRO AP	HYDRO IM	RACINE	HYDRO AP	HYDRO IM	RACINE
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 2040	SEASON 7	JULY	HYDRO AP 1 0	HYDRO IM 2 0	RACINE 3 0
YEAR 2011	SEASONAL HYDRO ENERGY	RATIO	0.06	0.07	0.09
YEAR 2012	SEASONAL HYDRO ENERGY	RATIO	0.06	0.07	0.08
YEAR 2013	SEASONAL HYDRO ENERGY	RATIO	0.06	0.07	0.08
YEAR 2014	SEASONAL HYDRO ENERGY	RATIO	0.06	0.07	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					

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
---	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

HYDRO UNIT	SEASON 8	AUGUST	1	2	3
---	YEAR 2011	---	0	0	0
---	SEASONAL HYDRO ENERGY	RATIO	0.05	0.06	0.05
---	YEAR 2012	---	0	0	0
---	SEASONAL HYDRO ENERGY	RATIO	0.05	0.06	0.07
---	YEAR 2013	---	0	0	0
---	SEASONAL HYDRO ENERGY	RATIO	0.05	0.06	0.07
---	YEAR 2014	---	0	0	0
---	SEASONAL HYDRO ENERGY	RATIO	0.05	0.06	0.07
---	YEAR 2015	---	0	0	0
---	YEAR 2016	---	0	0	0
---	YEAR 2017	---	0	0	0
---	YEAR 2018	---	0	0	0
---	YEAR 2019	---	0	0	0
---	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

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

SEASONAL HYDRO ENERGY	RATIO
YEAR 2015	0.05
YEAR 2016	0.06
YEAR 2017	0.07
YEAR 2018	
YEAR 2019	
YEAR 2020	
YEAR 2021	
YEAR 2022	
YEAR 2023	
YEAR 2024	
YEAR 2025	
YEAR 2026	
YEAR 2027	
YEAR 2028	
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	1	2	3
HYDRO UNIT	HYDRO AP	HYDRO IM	RACINE	
YEAR 2011	0.06	0.07	0.08	
SEASONAL HYDRO ENERGY				

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 IM 0	3 RACINE 0
SEASONAL HYDRO ENERGY	RATIO	0.06	0.06
YEAR 2012			0.08
SEASONAL HYDRO ENERGY	RATIO	0.06	0.07
YEAR 2013			0.08
SEASONAL HYDRO ENERGY	RATIO	0.06	0.07
YEAR 2014			0.08
SEASONAL HYDRO ENERGY	RATIO	0.06	0.07
YEAR 2015			0.08
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			
YEAR 2023			
YEAR 2024			
YEAR 2025			
YEAR 2026			
YEAR 2027			
YEAR 2028			
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 11 NOVEMBER		
	1 HYDRO AP 0	2 HYDRO IM 0	3 RACINE 0
SEASONAL HYDRO ENERGY	RATIO	0.07	0.08
YEAR 2011			0.10
SEASONAL HYDRO ENERGY	RATIO	0.07	0.08
YEAR 2012			0.09
SEASONAL HYDRO ENERGY	RATIO	0.07	0.08
YEAR 2013			0.09
SEASONAL HYDRO ENERGY	RATIO	0.07	0.08
YEAR 2014			0.09
SEASONAL HYDRO ENERGY	RATIO	0.07	0.08
YEAR 2015			0.09
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			

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

HYDRO UNIT		SEASON 12 DECEMBER		
		1	2	3
		HYDRO AP	HYDRO TM	RACINE
		0	0	0
-----	YEAR 2011	-----	-----	-----
SEASONAL	HYDRO ENERGY	RATIO	0.08	0.10
-----	YEAR 2012	-----	-----	-----
SEASONAL	HYDRO ENERGY	RATIO	0.08	0.10
-----	YEAR 2013	-----	-----	-----
SEASONAL	HYDRO ENERGY	RATIO	0.08	0.10
-----	YEAR 2014	-----	-----	-----
SEASONAL	HYDRO ENERGY	RATIO	0.09	0.10
-----	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.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 ABOVE 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
INTERCHANGE SYSTEM					WD_MKTP	WN_MKTP	WE_MKTP
AIR BASIN POINTER	OPCO+CSP	I&M	APCO	KPCO			
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

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF, INPUT, INTERCHANGE.

INTERCHANGE SYSTEM		OPCO+CSP	I&M	APCO	KPCO	MD_MKTP	WR_MKTP	WE_MKTP
-----	YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANNUAL	RUNNING RATE PEAK VALUE	0	0	0	0	0	0	0
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	0	0	0	0	12	12	12
RUNNING	RATE CURVE POINTER	0	0	0	0	12	12	12
-----	YEAR 2013	0	0	0	0	13	13	13
RUNNING	RATE CURVE POINTER	0	0	0	0	13	13	13
-----	YEAR 2014	0	0	0	0	14	14	14
RUNNING	RATE CURVE POINTER	0	0	0	0	14	14	14
-----	YEAR 2015	0	0	0	0	15	15	15
RUNNING	RATE CURVE POINTER	0	0	0	0	15	15	15
-----	YEAR 2016	0	0	0	0	16	16	16
RUNNING	RATE CURVE POINTER	0	0	0	0	16	16	16
-----	YEAR 2017	0	0	0	0	17	17	17
RUNNING	RATE CURVE POINTER	0	0	0	0	17	17	17
-----	YEAR 2018	0	0	0	0	18	18	18
RUNNING	RATE CURVE POINTER	0	0	0	0	18	18	18
-----	YEAR 2019	0.00	1.00	0.00	0.00	0.00	0.00	0.00
ANNUAL	RUNNING RATE PEAK VALUE	0	0	0	0	19	19	19
RUNNING	RATE CURVE POINTER	0	0	0	0	19	19	19
-----	YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANNUAL	RUNNING RATE PEAK VALUE	0	0	0	0	20	20	20
RUNNING	RATE CURVE POINTER	0	0	0	0	20	20	20
-----	YEAR 2021	0	0	0	0	21	21	21
RUNNING	RATE CURVE POINTER	0	0	0	0	21	21	21
-----	YEAR 2022	0	0	0	0	22	22	22
RUNNING	RATE CURVE POINTER	0	0	0	0	22	22	22
-----	YEAR 2023	0	0	0	0	23	23	23
RUNNING	RATE CURVE POINTER	0	0	0	0	23	23	23
-----	YEAR 2024	0	0	0	0	24	24	24
RUNNING	RATE CURVE POINTER	0	0	0	0	24	24	24
-----	YEAR 2025	0	0	0	0	25	25	25
RUNNING	RATE CURVE POINTER	0	0	0	0	25	25	25
-----	YEAR 2026	0	0	0	0	26	26	26
RUNNING	RATE CURVE POINTER	0	0	0	0	26	26	26
-----	YEAR 2027	0	0	0	0	27	27	27
RUNNING	RATE CURVE POINTER	0	0	0	0	27	27	27
-----	YEAR 2028	0	0	0	0	28	28	28
RUNNING	RATE CURVE POINTER	0	0	0	0	28	28	28
-----	YEAR 2029	0	0	0	0	29	29	29
RUNNING	RATE CURVE POINTER	0	0	0	0	29	29	29
-----	YEAR 2030	0	0	0	0	30	30	30
RUNNING	RATE CURVE POINTER	0	0	0	0	30	30	30
-----	YEAR 2031	0	0	0	0	31	31	31
RUNNING	RATE CURVE POINTER	0	0	0	0	31	31	31
-----	YEAR 2032	0	0	0	0	32	32	32
RUNNING	RATE CURVE POINTER	0	0	0	0	32	32	32
-----	YEAR 2033	0	0	0	0	33	33	33
RUNNING	RATE CURVE POINTER	0	0	0	0	33	33	33
-----	YEAR 2034	0	0	0	0	34	34	34
RUNNING	RATE CURVE POINTER	0	0	0	0	34	34	34
-----	YEAR 2035	0	0	0	0	35	35	35
RUNNING	RATE CURVE POINTER	0	0	0	0	35	35	35
-----	YEAR 2036	0	0	0	0	36	36	36
RUNNING	RATE CURVE POINTER	0	0	0	0	36	36	36
-----	YEAR 2037	0	0	0	0	37	37	37
RUNNING	RATE CURVE POINTER	0	0	0	0	37	37	37
-----	YEAR 2038	0	0	0	0	38	38	38
RUNNING	RATE CURVE POINTER	0	0	0	0	38	38	38
-----	YEAR 2039	0	0	0	0	39	39	39
RUNNING	RATE CURVE POINTER	0	0	0	0	39	39	39
-----	YEAR 2040	0	0	0	0	40	40	40
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 PEAK VALUE			0.00	0.00	0.00	0.00	
EXTERNAL SYSTEM DATA GROUP			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 = GAF.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 (E)	0	0	0	0	0	0	0
EFFLUENT POINTER							
5 NSR SO2	0	0	0	0	0	0	0
EFFLUENT POINTER							
6 HG (R)	0	0	0	0	0	0	0
EFFLUENT POINTER							

	8	9	10
	WD_MKTS	WN_MKTS	WE_MKTS
INTERCHANGE SYSTEM			
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 (E)	0	0	0
EFFLUENT POINTER			
5 NSR SO2	0	0	0
EFFLUENT POINTER			
6 HG (E)	0	0	0
EFFLUENT POINTER			

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.INTERCHANGE.

TRANSMISSION LINK	1	2	3	4	5	6	7
----- YEAR 2011 -----							
FIRST CONNECTION CHARGES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIRST CONNECTION PROFILE	0	0	0	0	0	0	0
FIRST LOSS POINTER	0	0	0	0	0	0	0
FIRST SYSTEM FIRM IMPORT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIRST TIE AVAILABILITY	100.00	100.00	100.00	100.00	100.00	100.00	100.00
FIRST TIE LIMIT POINTER	1	1	1	2	2	2	1
FIRST TRANSFER PROFILE	0	0	0	0	0	0	0
SECOND CONNECTION CHARGES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SECOND CONNECTION PROFILE	0	0	0	0	0	0	0
SECOND LOSS POINTER	0	0	0	0	0	0	0
SECOND SYSTEM FIRM IMPORT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SECOND TIE AVAILABILITY	100.00	100.00	100.00	100.00	100.00	100.00	100.00
SECOND TIE LIMIT POINTER	2	2	2	1	1	1	2
SECOND TRANSFER POINT	0	0	0	0	0	0	0
SECOND TRANSFER PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
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 ----- YEAR 2040 -----

TRANSMISSION LINK  
 ----- YEAR 2011 -----      15  
 FIRST CONNECTION CHARGES      \$/MWH      0.00      0.00      0.00      0.00      0.00      0.00      0.00  
 ----- YEAR 2012 -----      16  
 ----- YEAR 2013 -----      17  
 ----- YEAR 2014 -----      18  
 ----- YEAR 2015 -----      19  
 ----- YEAR 2016 -----      20  
 ----- YEAR 2017 -----      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.INTERCHANGE.

TRANSMISSION LINK	15	16	17	18	19	20	21
----- YEAR 2011 -----							
FIRST CONNECTION PROFILE	0	0	0	0	0	0	0
FIRST LOSS POINTER	0	0	0	0	0	0	0
FIRST SYSTEM FIRM IMPORT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIRST TIE AVAILABILITY	100.00	100.00	100.00	100.00	100.00	100.00	100.00
FIRST TIE LIMIT POINTER	1	2	2	2	1	1	1
FIRST TRANSFER POINT	0.50	0	0	0	0.50	0	0
FIRST TRANSFER PROFILE	0	0	0	0	0	0	0
SECOND CONNECTION CHARGES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SECOND CONNECTION PROFILE	0	0	0	0	0	0	0
SECOND LOSS POINTER	0	0	0	0	0	0	0
SECOND SYSTEM FIRM IMPORT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SECOND TIE AVAILABILITY	100.00	100.00	100.00	100.00	100.00	100.00	100.00
SECOND TIE LIMIT POINTER	2	1	1	1	2	2	2
SECOND TRANSFER POINT	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SECOND TRANSFER 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 -----							
TRANSMISSION LINK	22	23	24	120			

----- YEAR 2011 -----	22	23	24	120
FIRST CONNECTION CHARGES	0.00	0.00	0.00	0.00
FIRST CONNECTION PROFILE	0	0	0	0
FIRST LOSS POINTER	0	0	0	0
FIRST SYSTEM FIRM IMPORT	0.00	0.00	0.00	0.00
FIRST TIE AVAILABILITY	100.00	100.00	100.00	100.00
FIRST TIE LIMIT POINTER	2	2	2	0
FIRST TRANSFER POINT	0.50	0.50	0.50	0.50
FIRST TRANSFER PROFILE	0	0	0	0
SECOND CONNECTION CHARGES	0.00	0.00	0.00	0.00
SECOND CONNECTION PROFILE	0	0	0	0
SECOND LOSS POINTER	0	0	0	0
SECOND SYSTEM FIRM IMPORT	0.00	0.00	0.00	0.00
SECOND TIE AVAILABILITY	100.00	100.00	100.00	100.00
SECOND TIE LIMIT POINTER	1	1	1	0
SECOND TRANSFER POINT	0.50	0.50	0.50	0.50
SECOND TRANSFER PROFILE	0	0	0	0

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SECOND TIE LIMIT POINTER	POINTER	1	1	1	300
----- YEAR 2013 -----					
----- YEAR 2014 -----					
----- YEAR 2015 -----	POINTER	1	1	1	238
SECOND TIE LIMIT POINTER					
----- YEAR 2016 -----	POINTER	1	1	1	290
SECOND TIE LIMIT POINTER					
----- YEAR 2017 -----	POINTER	1	1	1	300
SECOND TIE LIMIT POINTER					
----- YEAR 2018 -----					
----- YEAR 2019 -----	POINTER	1	1	1	266
SECOND TIE LIMIT POINTER					
----- YEAR 2020 -----	POINTER	1	1	1	300
SECOND TIE LIMIT POINTER					
----- YEAR 2021 -----					
----- YEAR 2022 -----	POINTER	1	1	1	258
SECOND TIE LIMIT POINTER					
----- YEAR 2023 -----	POINTER	1	1	1	242
SECOND TIE LIMIT POINTER					
----- YEAR 2024 -----	POINTER	1	1	1	300
SECOND TIE LIMIT POINTER					
----- YEAR 2025 -----	POINTER	1	1	1	210
SECOND TIE LIMIT POINTER					
----- YEAR 2026 -----	POINTER	1	1	1	202
SECOND TIE LIMIT POINTER					
----- YEAR 2027 -----	POINTER	1	1	1	258
SECOND TIE LIMIT POINTER					
----- YEAR 2028 -----	POINTER	1	1	1	170
SECOND TIE LIMIT POINTER					
----- YEAR 2029 -----	POINTER	1	1	1	258
SECOND TIE LIMIT POINTER					
----- YEAR 2030 -----	POINTER	1	1	1	0
SECOND TIE LIMIT POINTER					
----- 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 = GAR.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.

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.INTERCHANGE.

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

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUP.PUMP STORAGE UNIT.

PUMPED STORAGE UNIT

SMITH WT  
1  
0

AIR BASIN POINTER	MONTH	1
COMMISSION MONTH	1	1
COMMISSION YEAR	2011	N
COMMITMENT CONTRIBUTION		
ESCALATION ANCIILLARY REVENUE		
ESCALATION CAPACITY REVENUE		
ESCALATION FIXED COSTS		
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 = GAP.INPUT.PUMP STORAGE UNIT.

PUMPED STORAGE UNIT

1  
SMITH MT  
0

----- YEAR 2011 -----		
ANCLILARY REVENUE RATE	\$/MWH	0.00
CAPACITY REVENUE PROFILE		0
CAPACITY REVENUE RATE	\$/KW	0.00
CYCLE EFFICIENCY	%	70.00
ENERGY MARGIN CAPACITY FACTOR	FRACTION	0.00
FIXED COSTS	\$000	0.00
GENERATION CAP POINTER		0
GENERATION CAPACITY	MW	586.00
HEAT RATE	MBTU/MWH	0.00
MINIMUM SAVINGS	\$/MWH	-8.30
PERCENT FIRM	\$/MWH	100.00
POND LIMIT	MWH	5900.00
PUMPING CAP POINTER		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 ABOVE 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 WT  
0

EFFLUENT  
1 SO2 (E)  
EFFLUENT POINTER 0  
2 CO2 (S)  
EFFLUENT POINTER 0  
3 CO2 (G)  
EFFLUENT POINTER 0  
4 NOX (B)  
EFFLUENT POINTER 0  
5 NSR SO2  
EFFLUENT POINTER 0  
6 HG (B)  
EFFLUENT POINTER 0

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

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

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PUMP STORAGE UNIT.

GENERATING COMPANIES  
PUMPED STORAGE UNIT

1 OPGO+CSP  
1 SMITH MT  
0

YEAR	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  
PUMPED STORAGE UNIT

2 IEM  
1 SMITH MT  
0

YEAR	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		



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

GENERATING COMPANIES  
PUMPED STORAGE UNIT

3 APCC  
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 KRCC  
SMITH MT  
1  
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	-----

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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 = GAF.INPUT.PUMP STORAGE UNIT.

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

SMITH MT  
0

YEAR	MMH
YEAR 2011	-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	

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

SMITH MT  
0

YEAR	MMH
YEAR 2011	-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 -----

----- 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 -----

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	1
				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	-----

PUMPED STORAGE UNIT		SEASON 4	APRIL	1
				SMITH MT
				0

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

MWH -15600.00

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

----- PUMPED STORAGE UNIT -----  
 SEASON 5 MAY -----  
 SMITH WT 1  
 0

----- YEAR 2011 -----  
 SEASONAL ENERGY MMH -10900.00  
 ----- 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 -----

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 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

SEASONAL ENERGY		MWH
YEAR 2011	-----	-6800.00
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	-----	

PUMPED STORAGE UNIT		SEASON 7	JULY
			1
			SMITH MT
			0

SEASONAL ENERGY		MWH
YEAR 2011	-----	-4200.00
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 -----

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

----- YEAR 2011 -----  
 SEASONAL ENERGY MMH -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.

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

PUMPED STORAGE UNIT	SEASON	9	SEPTEMBER	=====	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	-----

SEASONAL ENERGY MWH -5500.00

-----	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	-----	
-----	-----	-----	
	PUMPED STORAGE UNIT	SEASON 10 OCTOBER	-----
			1
		SMITH MT	0
			0
SEASONAL ENERGY		MWH	-5700.00
-----	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.PUMP STORAGE UNIT.

===== SEASON 10 OCTOBER =====

PUMPED STORAGE UNIT  
SMITH MT 1  
0

----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- 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 =====

PUMPED STORAGE UNIT  
SMITH MT 1  
0

----- YEAR 2011 -----  
SEASONAL ENERGY MWH -4600.00  
----- 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 -----
===== SFASON 12 DECEMBER =====
PUMPED STORAGE UNIT              SMITH MT 1
SEASONAL ENERGY                 MMH      -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.

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APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

-----  
PUMPED STORAGE UNIT SEASON 12 DECEMBER  
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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	1	2	3	4	5	6	7
BID PRICE ACCOUNTING FLAG	1	2	3	6	1	2	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION 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 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 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	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	3	12	12	12	12	5	12
RETIREMENT YEAR	2100	2100	2100	2014	2014	2016	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THermal Unit	8	9	10	11	12	13	14
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	0	0	0	0	0	0	0
COMMISSION YEAR	2011	2011	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
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	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	2026	2026	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THermal Unit	15	16	17	18	19	20	21
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	0	0	0	0	0	0	0
COMMISSION 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 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 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	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	2014	2014	2014	2015	2013	2012
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THermal Unit	CLIFFY 6	CLINCH 1	CLINCH 2	CLINCH 3	ROCKP_KP 1	ROCKP_KP 2	CSVL 1-4 3
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	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 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 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	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	2014	2014	2014	2015	2013	2012
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

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SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							
THERMAL UNIT							
AIR BASIN POINTER	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	0	0	1	0	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 = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	22	23	24	25	26	27	28
ESCALATION FIXED COSTS							
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							
CSVL 1-4	22	23	24	25	26	27	28
CSVL 5+6	4	5	6	1	2	1	2
D C COOK							
D C COOK							
GAVIN							
GAVIN							

THERMAL UNIT	29	30	31	32	33	34	35
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG							
BID PRICE OPTION							
COMMISSION MONTH							
COMMISSION YEAR							
DEFERRAL PRIORITY							
DISPATCH LAMBDA OPTION							
EFFICIENT HEAT RATE OPTION							
ESCALATION ANCILLARY 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							
RESERVE OF UPPER SEGMENT							
RESOURCE TYPE							
RETIREMENT MONTH							
RETIREMENT YEAR							
SOURCE INDEX NUMBER							
THERMAL UNIT TYPE							
GLEN LYN	29	30	31	32	33	34	35
GLEN LYN	5	6	0	0	1	2	3
KAMMER							
KAMMER							
KAMMER							

THERMAL UNIT	36	37	38	39	40	41	42
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG							
BID PRICE OPTION							
COMMISSION MONTH							
COMMISSION YEAR							
DEFERRAL PRIORITY							
DISPATCH LAMBDA OPTION							
EFFICIENT HEAT RATE OPTION							
ESCALATION ANCILLARY 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							
RESERVE OF UPPER SEGMENT							
RESOURCE TYPE							
RETIREMENT MONTH							
RETIREMENT YEAR							
SOURCE INDEX NUMBER							
THERMAL UNIT TYPE							
KANAWHA	36	37	38	39	40	41	42
KANAWHA	1	2	1	2	3	4	5
KYGER							
KYGER							
KYGER							

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

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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 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							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT							
RESERVE OF UPPER SEGMENT							
RESOURCE TYPE							
RETIREMENT MONTH							
RETIREMENT YEAR							
SOURCE INDEX NUMBER							
THERMAL UNIT TYPE							
	VAROQM	VAROQM	VAROQM	VAROQM	VAROQM	VAROQM	VAROQM
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0
	2011	2011	2011	2011	2011	2011	2011
	0	0	0	0	0	0	0
	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
	C	C	C	C	C	C	C
	12	12	12	12	12	12	12
	2100	2100	2100	2100	2100	2100	2100
	0	0	0	0	0	0	0
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0
	2011	2011	2011	2011	2011	2011	2011
	0	0	0	0	0	0	0
	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
	C	C	C	C	C	C	C
	12	12	12	12	12	12	12
	2100	2100	2100	2100	2100	2100	2100
	0	0	0	0	0	0	0

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER - GAF.INPUT.THERMAL UNIT.

QUALIFIER	50	51	52	53	54	55	56
THERMAL UNIT							
AIR BASIN POINTER	50	51	52	53	54	55	56
BID PRICE ACCOUNTING FLAG	MUSK_RFR 5	P_SPORN 1	P_SPORN 2	P_SPORN 3	P_SPORN 4	P_SPORN 5	PICMAX 5
BID PRICE OPTION	1	0	0	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	2010	2011
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 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							
VARO&M	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXO&M							

QUALIFIER	57	58	59	60	61	62	63
THERMAL UNIT							
AIR BASIN POINTER	57	58	59	60	61	62	63
BID PRICE ACCOUNTING FLAG	RPRFT_IM 1	RPRUN_IM 1	ROCKP_IM 2		STUART 1	SFUART 2	STUART 3
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	2100	2011	2011	0	2011	2011	2011
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 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							
VARO&M	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXO&M							

QUALIFIER	64	65	66	67	68	69	70
THERMAL UNIT							
AIR BASIN POINTER	64	65	66	67	68	69	70
BID PRICE ACCOUNTING FLAG	STUART 4	AMOS_AP 3	TANN 1-3	TANN 1-3	TANN 1-3	TANN 4	ZIMMER 1
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							
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 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							
VARO&M	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXO&M							



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SOURCE INDEX NUMBER	THERMAL UNIT TYPE	0	0	0	0	0	0
THERMAL UNIT							
AIR BASIN POINTER		71	72	73	74	75	76
BID PRICE ACCOUNTING FLAG		ROBTWONE 1	ROBTWONE 2	ROBTWONE 3		CEREDO 1	CEREDO 2
BID PRICE OPTION		1	1	1	0	1	1
COMMISSION MONTH	MONTH	0	0	0	0	0	0
COMMISSION YEAR	YEAR	2011	2011	2011	2011	2011	2011
DEFERRAL PRIORITY		0	0	0	0	0	0
DISPATCH LAMBDA OPTION		0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION		0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE		0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN		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



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DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0	0	0
ESCALATION ANCIILIARY 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									
IMMATURE PERIOD	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
MATURITY YEAR	0	0	0	0	0	0	0	0	0
	2011	2013	2013	1900	1900	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	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	0.00
RESERVE OF UPPER SEGMENT	0.00	0.00	0.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0	0	0
THERMAL UNIT TYPE									

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

DESCRIPTION	101	102	103	104	105	106	107
THERMAL UNIT							
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG							
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	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							
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	1900	2100	2100	2100	2100	2100	2100
RESOURCE TYPE	0	0	0	0	0	0	0
RESOURCE TYPE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M
FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M
CC 2X1FB	108	109	110	111	114	115	116
1	1	1	1	1	1	1	0

DESCRIPTION	108	109	110	111	114	115	116
THERMAL UNIT							
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG							
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	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							
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	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	0	0	0	0	0	0	0
RESOURCE TYPE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M
FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M
CC 2X1FA	108	109	110	111	114	115	116
1	1	1	1	1	1	1	0

DESCRIPTION	121	122	124	125	126	127	128
THERMAL UNIT							
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG							
BID PRICE OPTION	1	1	1	1	1	1	1
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	6	1	1	1	1
DEFERRAL PRIORITY	0	0	2100	0	2100	2100	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 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	1900	1900	2010	2011	2011	2011	1900
RESOURCE TYPE	0	0	0	0	0	0	0
RESOURCE TYPE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M
FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M
BS2_FGD	124	122	124	125	126	127	128
2	0	0	2	1	5	6	0





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	FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M	FIXO&M
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0	0
ESCALATION ANCIILARY 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								
IMMATURE FORCED OUVAGE RATE	VARO&M 0.00	VARO&M 0.00	VARO&M 0.00	VARO&M 0.00	VARO&M 0.00	VARO&M 0.00	VARO&M 0.00	VARO&M 0.00
IMMATURE PERIOD	0	0	0	0	0	0	0	0
MATURITY YEAR	2010	2100	2010	2100	2010	2100	2010	2100
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	0.00	100.00	0.00	100.00	0.00	100.00	0.00	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								

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THEMAL UNIT	162	163	164	165	166	168	169
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	1	0	1	1	0	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 INCREMENT							
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 PERIOD							
PURCHASE UNIT FLAG							
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
THEMAL UNIT TYPE							

THEMAL UNIT	170	171	172	173	174	175	176
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							
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							
IMMATURE FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY PERIOD							
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	0.00	0.00	0.00	0.00
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
THEMAL UNIT TYPE							

THEMAL UNIT	177	178	179	181	182	183	184
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	9	9	9	9
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							
IMMATURE FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY PERIOD							
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
THEMAL UNIT TYPE							





AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	186	187	188	189	190	191	223
	RPT1R_TM 1	RP2TR_TM 2	RP1TR_KP 1	RP2TR_KP 2	T4_TROVA 4	T4_TROCR 4	MR_STKR1 1
ESCALATION FIXED SEASONAL COSTS	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M
ESCALATION VARIABLE COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURE FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURETY PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	2011	2011	2011	2011	2011	2011	1999
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0	0.00	0	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	190	0
THERMAL UNIT TYPE							

THERMAL UNIT	224	227	228	229	230	231	232
	MR_STKR2 1	AMS3_SI 0	AMS3_SI 3	BS2_SI 2	MR5_CF 5	MR5_SI 5	RPT1_CF 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	0	0	0	0	0	0	0
ESCALATION ANCILLARY 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 FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL COSTS	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURETY FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURETY PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	1999	1900	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	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	233	234	235	236	237	238	239
	RPT2_CF 2	RPT1_SI 1	RPT2_SI 2				
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 ANCILLARY 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 FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
IMMATURETY FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURETY PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	2010	2010	2010	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0	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	240	241	242	243	244	245	246
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

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DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0	0
ESCALATION ANCILLARY 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								
ESCALATION VARIABLE RATE								
IMMATURE FORCED OUTAGE 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
MATURITY 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	2100	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0	0
THERMAL UNIT TYPE								

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

DESCRIPTION	247	248	249	250	251	252	253
THERMAL UNIT	1	1	1	0	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	6	5	6
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 ANCILLARY 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURETY PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	1900	1900	1900	1900	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	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							

DESCRIPTION	254	255	256	257	258	259	260
THERMAL UNIT	1	1	0	2	2	2	2
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	6	6	1	5	6	6	6
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 ANCILLARY 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURETY PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	2010	2010	1900	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	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							

DESCRIPTION	261	262	263	264	265	266	267
THERMAL UNIT	0	0	0	1	1	0	0
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 ANCILLARY 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
THERMAL UNIT TYPE							



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							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE	1	BIGSD_15_1	BIGSD_GP_1	CLN_Q_HM_1	CLN_Q_15_1	CLN_Q_HM_2	CLN_Q_15_2
IMMATURE PERIOD							
PURCHASE UNIT FLAG							
RESERVE OF UPPER SEGMENT	%	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	1900	2010	2010	2010	2010	2010	2010
RESERVE OF UPPER SEGMENT	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	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							
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 ANCILLARY 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							
IMMATURE FORCED OUTAGE RATE							
IMMATURE PERIOD							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT	%	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							
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 ANCILLARY 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							
IMMATURE FORCED OUTAGE RATE							
IMMATURE PERIOD							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT	%	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							
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

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DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0	0
ESCALATION ANCILLARY 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								
IMMATURETY PERIOD	VAROEM 0.00	VAROEM 0.00	VAROEM 0.00	VAROEM 0.00	VAROEM 0.00	VAROEM 0.00	VAROEM 0.00	VAROEM 0.00
MATURITY YEAR	0	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	2010	2010	2010	2010	2010	2010	2010	2010
RESERVE OF TOTAL UNIT	0	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	0.00
RESOURCE TYPE	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RETIREMENT MONTH	C	C	C	C	C	C	C	C
RETIREMENT YEAR	6	6	6	6	6	6	6	6
SOURCE INDEX NUMBER	2025	2015	2025	2015	2015	2012	2015	2015
THERMAL UNIT TYPE	0	0	0	0	0	0	0	0

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	296	297	298	299	300	301	302
AIR BASIN POINTER	MSKR2_12	MSKR3_GP	MR3HM_12	MSKR4_GP	M4HM_12	PICWY_HM	PICWY_GP
BID PRICE ACCOUNTING FLAG	2	3	3	4	4	5	5
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 ANCLILIARY 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 FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCALATION FORCED OUNAGE 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	0.00	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	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	SP1_F_HM	SP1_F_15	SP2_F_HM	SP2_F_15	SP3_O_HM	SP3_O_15	SP4_O_HM
BID PRICE ACCOUNTING FLAG	1	1	1	2	3	3	4
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 ANCLILIARY 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCALATION FORCED OUNAGE 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	0.00	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	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	SP4_O_15	SP5_HM	SP5_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15
BID PRICE ACCOUNTING FLAG	4	5	5	1	1	2	2
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 ANCLILIARY 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
ESCALATION FORCED OUNAGE 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	0.00	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	2013	2010	2025	2015	2025	2015
THERMAL UNIT TYPE							



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SOURCE INDEX NUMBER	0	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_HM 3	TNR_F_15 3	PW_GP_15 5	RH11s_1 1				
BID PRICE OPTION	1	1	1	1	1	1	1	1
COMMISSION MONTH	0	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100	2100
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	FIX0&M	FIX0&M		FIX0&M				

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER - GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	317	318	319	320	322	323	324
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							
	TNR_F_HM	TNR_F_15	PW_GP_15	RHills 1			
	3	3	5	1	0	0	0
	317	318	319	320	322	323	324
VARO&M	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%	0	0	0	0	0	0	0
YEARS	2010	2010	2010	2010	1900	1900	1900
YEAR	0	0	0	0	0	0	0
%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MONTH	100.00	100.00	100.00	100.00	100.00	100.00	100.00
YEAR	C	C	C	C	C	C	C
	6	6	6	12	12	12	12
	2025	2015	2015	2100	9999	9999	9999
	0	0	0	0	0	0	0

THERMAL UNIT	325	326	327	328	329	330	331
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG							
BID PRICE OPTION							
COMMISSION MONTH							
COMMISSION YEAR							
DEFERRAL PRIORITY							
DISPATCH LAMBDA OPTION							
EFFICIENT HEAT 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 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							
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%	0	0	0	0	0	0	0
YEARS	1900	1900	1900	1900	1900	1900	1900
YEAR	0	0	0	0	0	0	0
%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MONTH	100.00	100.00	100.00	100.00	100.00	100.00	100.00
YEAR	C	C	C	C	C	C	C
	12	12	12	12	12	12	12
	9999	9999	9999	9999	9999	9999	9999
	0	0	0	0	0	0	0

THERMAL UNIT	332	333	335	336	337	338	339
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG							
BID PRICE OPTION							
COMMISSION MONTH							
COMMISSION YEAR							
DEFERRAL PRIORITY							
DISPATCH LAMBDA OPTION							
EFFICIENT HEAT 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 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							
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%	0	0	0	0	0	0	0
YEARS	1900	1900	1900	1900	1900	1900	1900
YEAR	0	0	0	0	0	0	0
%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MONTH	100.00	100.00	100.00	100.00	100.00	100.00	100.00
YEAR	C	C	C	C	C	C	C
	12	12	12	12	12	12	12
	9999	9999	9999	9999	9999	9999	9999
	0	0	0	0	0	0	0

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

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DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0	0	0
ESCALATION ANCIILARY 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									
IMMATURE FORCED OUTAGE RATE	0.00	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	0
MATURITY YEAR	1900	1900	1900	1900	1900	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	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	0.00
RESERVE OF UPPER SEGMENT	100.00	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	C
RETIREMENT MONTH	12	12	12	12	12	12	12	12	12
RETIREMENT YEAR	9999	9999	9999	9999	9999	9999	9999	9999	9999
SOURCE INDEX NUMBER	0	0	0	0	0	0	0	0	0
THERMAL UNIT TYPE									

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

DESCRIPTION	347	348	349	350	351	352	353
THERMAL UNIT	0	0	0	0	0	0	0
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 ANGLIARY 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
IMMATURE 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	0	0	0	0	0	0	0
RESOURCE TYPE	0	0	0	0	0	0	0
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	9999	9999	9999	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE	0	0	0	0	0	0	0

DESCRIPTION	354	355	356	357	358	359	360
THERMAL UNIT	0	0	0	0	0	0	0
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 ANGLIARY 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
IMMATURE FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURE 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	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	0	0	0	0	0	0	0
RESOURCE TYPE	0	0	0	0	0	0	0
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

DESCRIPTION	361	362	363	364	365	366	367
THERMAL UNIT	0	0	0	0	0	0	0
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 ANGLIARY 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
IMMATURE FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURE 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	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	0	0	0	0	0	0	0
RESOURCE TYPE	0	0	0	0	0	0	0
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

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

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INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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 HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCILLARY 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
MATURITY 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							

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

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DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	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								
EMATURED FORCED OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMATURED PERIOD	0	0	0	0	0	0	0	0
MATURITY 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	2100	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0	0
THERMAL UNIT TYPE								

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INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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	0	0	0	0	0	0	0
COMMISSION YEAR	2100	1	2100	2100	1	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	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	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	2100	1	2100	2100	1	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 VARIABLE COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURE FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURE PERIOD	1900	1900	1900	1900	1900	1900	1900
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	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESERVE OF UPPER SEGMENT	C	C	C	C	C	C	C
RESOURCE TYPE	12	12	12	12	12	12	12
RETIREMENT MONTH	2100	2100	2100	2100	2100	2100	2100
RETIREMENT YEAR	0	0	0	0	0	0	0
SOURCE INDEX NUMBER							
THERMAL UNIT TYPE							

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	2100	1	2100	2100	1	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURE FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURE PERIOD	1900	1900	1900	1900	1900	1900	1900
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	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESERVE OF UPPER SEGMENT	C	C	C	C	C	C	C
RESOURCE TYPE	12	12	12	12	12	12	12
RETIREMENT MONTH	2100	2100	2100	2100	2100	2100	2100
RETIREMENT YEAR	0	0	0	0	0	0	0



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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	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 ANGLIARY 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

APP EAST  
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INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

THERMAL UNIT	428	429	430	431	432	433	435
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 ANCILLARY 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 SEASONAL COSTS	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURE FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURE PERIOD	1900	1900	1900	1900	1900	1900	1900
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	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESERVE OF UPPER SEGMENT	C	C	C	C	C	C	C
RESOURCE TYPE	12	12	12	12	12	12	12
RETIREMENT MONTH	2100	2100	2100	2100	2100	2100	2100
RETIREMENT YEAR	0	0	0	0	0	0	0
SOURCE INDEX NUMBER							
THERMAL UNIT TYPE							

THERMAL UNIT	436	437	438	440	441	442	443
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 ANCILLARY 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 SEASONAL COSTS	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURE FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURE PERIOD	1900	1900	1900	1900	1900	1900	1900
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	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESERVE OF UPPER SEGMENT	C	C	C	C	C	C	C
RESOURCE TYPE	12	12	12	12	12	12	12
RETIREMENT MONTH	2100	2100	2100	2100	2100	2100	2100
RETIREMENT YEAR	0	0	0	0	0	0	0
SOURCE INDEX NUMBER							
THERMAL UNIT TYPE							

THERMAL UNIT	444	445	447	449	450	451	452
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

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DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0	0
ESCALATION ANCILLARY 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 VARIABLE RATE								
EMATURE FORCED OUTAGE RATE								
EMATURE PERIOD								
EMATURE YEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMATURE PERIOD	0	0	0	0	0	0	0	0
EMATURE 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	2100	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0	0
THERMAL UNIT TYPE								

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

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 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 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	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	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 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 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	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	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 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 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	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
THERMAL UNIT TYPE							

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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	485	486
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
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 ANCIILLARY 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

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	479	480	481	482	484	485	486
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0	0.00	0	0
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	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 ANGLIARY REVENUE							
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							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	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 ANGLIARY REVENUE							
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							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	1900	1900	1900	1900	1900	1900	2025
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	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							

FIXOEM

VAROEM

THERMAL UNIT

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	2018	2016	2016
DEFERRAL PRIORITY	0	0	0	0	0	0	0

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DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	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 SEASONAL COSTS								
ESCALATION FIXED SEASONAL RATE								
ESCALATION VARIABLE COSTS								
ESCALATION FORCED OUTAGE RATE								
IMMATURETY PERIOD	0.00	0.00	VARQ&M	VARQ&M	0.00	0.00	0.00	0.00
MATURITY YEAR	0	0	0	0	0	0	0	0
MATURITY YEAR	2020	2020	2020	2020	2018	2016	2016	2016
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	2049	2049	2049	2049	2018	2016	2016	2045
SOURCE INDEX NUMBER	0	0	0	0	0	0	0	0
THERMAL UNIT TYPE								

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	966	967	968	969	970	971	972
AIR BASIN POINTER	RPID_KP	BS2_FGD	CR2_NGCC	CR1_NGCC	MRS_NGCC	DUMMY_OP	DUMMY_OP
BID PRICE ACCOUNTING FLAG	966	967	968	969	970	971	972
BID PRICE OPTION	0	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	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	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 OUTFAGE 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	2016	2015	2015	2015	2015	2015	2015
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	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	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
BID PRICE ACCOUNTING FLAG	973	974	975	976	977	978	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	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 OUTFAGE 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	2015	2015	2015	2015	2015	2015	2015
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	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	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
BID PRICE ACCOUNTING FLAG	980	981	982	983	984	985	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	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 OUTFAGE 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	2015	2015	2015	2015	2015	2015	2015
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	2015	2015	2015	2015	2015	2015	2015



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SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							
THERMAL UNIT	987	988	989	990	991	992	993
AIR BASIN POINTER	987	988	989	990	991	992	993
BID PRICE ACCOUNTING FLAG	0	1	0	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	1	0	0	0	0	0	0
COMMISSION YEAR	2015	2015	2015	2015	2015	2015	2015
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 ANCIILLARY 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
DUMMY OP	987	988	989	990	991	992	993
DUMMY OP	987	988	989	990	991	992	993



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEGMENT EMISSIONS LIBRARY	1	2	3	4	5	6	7
EMISSIONS DATA METHOD	AMOS1_11	AMOS2_11	AMOS3_11	BECK_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	CSV13_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	MTN_18%
	1	1	1	1	1	1	1
SEGMENT EMISSIONS LIBRARY	29	30	31	32	33	34	35
EMISSIONS DATA METHOD	MTN_90%	MTC1_11	MTC2_11	MNTR_11	MNTR_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	MRS_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	PCW1_11	ROCK1_11	ROCK2_11	TNRC1_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	TNRC4_11	CD3_11	AM1_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_CCS	GAV2_FUP
	1	1	1	1	1	1	1
SEGMENT EMISSIONS LIBRARY	64	65	66	67	68	69	70
EMISSIONS DATA METHOD	GAV2_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		2		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
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		2		3
SEGMENT HEAT RATE LIBRARY	CSVL_4	22	CSVL_5	23	CSVL_6	24	COOK_1	25	COOK_2	26	GAVL_1	27	GAVL_2	28
HEAT RATE METHOD		3		3		3		1		1		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		2		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
SEGMENT HEAT RATE LIBRARY	MITC_1	43	MITC_2	44	MOON_1	45	MUSK_1	46	MUSK_2	47	MUSK_3	48	MUSK_4	49
HEAT RATE METHOD		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	PICM_5	56
HEAT RATE METHOD		3		3		3		3		3		3		3
SEGMENT HEAT RATE LIBRARY	ROCK_1IM	58	ROCK_2IM	59	MRS_SI	60	STUA_1	61	STUA_2	62	STUA_3	63	STUA_4	64
HEAT RATE METHOD		2		2		3		3		3		3		3
SEGMENT HEAT RATE LIBRARY	TANN_1	65	TANN_1	66	TANN_2	67	TANN_3	68	TANN_4	69	ZIMM_1	70	AMISI	71
HEAT RATE METHOD		3		3		3		3		3		3		3
SEGMENT HEAT RATE LIBRARY	BS2SI	72	TN4SI	73	ST1SI	74	ST2SI	75	ST3SI	76	ST4SI	77	MTRSI	78
HEAT RATE METHOD		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	KM8_2_1	84	KM8_2_2	85
HEAT RATE METHOD		3		3		2		3		3		1		1
SEGMENT HEAT RATE LIBRARY	KM8_2_3	86	CL1_P	87	CL2_P	88	CL3_P	89	Tan4_Q	90	CEREDO1	91	CEREDO2	92
HEAT RATE METHOD		1		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
SEGMENT HEAT RATE LIBRARY	TC2_SNCR	100	TC3_SNCR	101	USGPC	102	PC_R_CCS	103	PC_N_CCS	104	SP_3SNCR	111	SP_4SNCR	115
HEAT RATE METHOD		3		3		2		2		2		2		2
SEGMENT HEAT RATE LIBRARY	IGC_RCCS	107	IGC_NCCS	108	MRS_SI	109	MRS_CF	110	SP_3SNCR	111	SP_4SNCR	112	CARD1_3	115
HEAT RATE METHOD		2		2		3		3		3		3		3
SEGMENT HEAT RATE LIBRARY	MITC1_2	116	MITC2_4	117	MOUNI_6	118	LMBG_CC	122	KMBPOM1	123	KMBPOM2	124	KMBPOM3	125
HEAT RATE METHOD		2		2		3		3		3		3		3

4-Company East Optimization

HEAT RATE METHOD	3	3	3	1	3	3	3	3
SEGMENT HEAT RATE LIBRARY	126	127	128	129	130	131	132	
HEAT RATE METHOD	1	2	2	2	1	2	3	
SEGMENT HEAT RATE LIBRARY	E_PC_S0B	P_LAWTN	E_PC_S0P	2x1GE7FA	1x1GE7H	2x2GE7H	BS1_P	
HEAT RATE METHOD	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	BS1CCADJ	AM3SI	BS2_D	CD3_D	CD2_D	TN4_FGD	MCL_D	
HEAT RATE METHOD	149	150	151	152	153	154	155	
SEGMENT HEAT RATE LIBRARY	MC2_D	MN1_10	MRS_D	RP1_F	RP2_F	ST1_D	ST2_D	
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	ST3_D	ST4_D	BS2SI	KN1_A	KN2_A	MONESU20	MONESUMR	
HEAT RATE METHOD	163	164	165	166	167	168	170	
SEGMENT HEAT RATE LIBRARY	MONEMW20	MONEMWNT	ROCK1_10	ROCK2_11	ROCK1_D	ROCK2_D	AM3_CF	
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	RK1_SI	RK2_SI	AM3_90%	MTN_90%	RP1_90%	RP2_90%	GVLD_90%	
HEAT RATE METHOD	179	180	181	182	183	184	185	
SEGMENT HEAT RATE LIBRARY	GV2_90%	MTN_1.2%	MTN_18%	BSCCSMR	BSCCWIN	CR1_NGCC	CR2_NGCC	
HEAT RATE METHOD	3	3	3	2	2	3	3	
SEGMENT HEAT RATE LIBRARY	186							
HEAT RATE METHOD	3							
SEGMENT HEAT RATE LIBRARY	MRS_NGCC							
HEAT RATE METHOD	3							

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THEMAL UNIT

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

AMOS	1	2	3	4	5	6	7
ANCILLARY REVENUE RATE	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	0.00	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
DERATION 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	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
MATURE 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	0	250	0	0	0	0	0
VARIABLE O AND W 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	12196.69	849.65	3310.20	21595.00	4231.07
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	93.25	92.79	95.42	95.97	92.72	94.00	85.48

YEAR 2013

FIXED COSTS	\$000/YR	17002.88	12257.52	21432.37	931.76	4028.55	30281.00	-1078.63
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	94.89	93.55	95.45	96.10	92.36	93.00	83.26

YEAR 2014

FIXED COSTS	\$000/YR	10251.86	17303.69	19567.19	2891.79	9587.05	30317.00	6290.73
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	94.89	93.55	95.45	96.10	92.36	94.50	83.26

YEAR 2015

FIXED COSTS	\$000/YR	22825.56	25468.03	26103.08	0.00	43906.56	171715.00	9989.05
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	94.89	93.55	95.45	0.00	92.36	94.00	83.26

YEAR 2016

FIXED COSTS	\$000/YR	34622.92	27299.03	33387.89	0.00	0.00	0.00	16484.25
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	94.89	93.55	95.45	0.00	0.00	0.00	83.26

YEAR 2017

FIXED COSTS	\$000/YR	32931.94	29688.28	40702.05	0.00	0.00	0.00	23447.12
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	94.89	93.55	95.45	0.00	0.00	0.00	83.26

YEAR 2018

FIXED COSTS	\$000/YR	29150.14	26876.46	38264.98	0.00	0.00	0.00	21804.57
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	94.89	93.55	95.45	0.00	0.00	0.00	83.26

YEAR 2019

FIXED COSTS	\$000/YR	28956.36	37974.04	41682.87	0.00	0.00	0.00	20914.02
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	94.89	93.55	95.45	0.00	0.00	0.00	83.26

YEAR 2020

FIXED COSTS	\$000/YR	37041.15	30832.86	37986.84	0.00	0.00	0.00	30062.17
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	94.89	93.55	95.45	0.00	0.00	0.00	83.26

YEAR 2021

FIXED COSTS	\$000/YR	36319.89	37324.88	43775.85	0.00	0.00	0.00	117457.37
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	94.89	93.55	95.45	0.00	0.00	0.00	83.26

YEAR 2022

FIXED COSTS	\$000/YR	36526.60	38389.57	45880.61	0.00	0.00	0.00	62292.65
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	94.89	93.55	95.45	0.00	0.00	0.00	83.26

YEAR 2023

FIXED COSTS	\$000/YR	37453.33	41625.83	47328.14	0.00	0.00	0.00	74140.11
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	94.89	93.55	95.45	0.00	0.00	0.00	83.26

YEAR 2024

FIXED COSTS	\$000/YR	41581.46	43405.13	49873.90	0.00	0.00	0.00	91532.98
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	94.89	93.55	95.45	0.00	0.00	0.00	83.26

YEAR 2025

FIXED COSTS	\$000/YR	41785.27	44832.35	11659.01	0.00	0.00	0.00	80025.04
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	94.89	93.55	95.45	0.00	0.00	0.00	83.26

YEAR 2026

FIXED COSTS	\$000/YR	41785.27	44832.35	11659.01	0.00	0.00	0.00	80025.04
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
PERCENT FIRM	%	94.89	93.55	95.45	0.00	0.00	0.00	83.26









APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

UNIT	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	MUST RUN INDICATOR
CLIFFY 15																											
CLINCH R 16																											
CLINCH R 17																											
CLINCH R 18																											
ROCKE KP 19																											
ROCKE KP 20																											
CSVL 1-4 21																											
PERCENT FIRM	94.64	82.83	83.43	85.83	93.08	93.23	0.00																				
FIXED COSTS	\$000/YR	2429.40	2578.37	7910.60	3666.00	1548.00	0.00																				
PERCENT FIRM	%	94.64	81.38	83.00	83.25	93.23	92.76	0.00																			
FIXED COSTS	\$000/YR	0.00	5692.62	2427.14	3662.39	3422.00	3215.00	0.00																			
FIXED COSTS	\$000/YR	0.00	1953.01	4781.58	3768.79	6260.00	2123.00	0.00																			
FIXED COSTS	\$000/YR	0.00	8957.52	43740.34	17632.00	0.00	3475.00	0.00																			
PERCENT FIRM	%	94.64	0.00	0.00	0.00	0.00	92.76	0.00																			
DERATION LIBRARY POINTER		15	16	17	18	59	59	110																			
FIXED COSTS	\$000/YR	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																			
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00																			
PERCENT FIRM	%	94.64	0.00	0.00	0.00	0.00	0.00	0.00																			

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	MUST RUN INDICATOR
CSVL 1-4 22																												
CSVL 5+6 23																												
CSVL 5+6 24																												
D C COOK 1 25																												
D C COOK 2 26																												
GAVIN 1 27																												
GAVIN 2 28																												
ANCILLARY REVENUE RATE	\$/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	0.00	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 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	0	0	0	0	0	0																				
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	0.00	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	YEAR 2027	YEAR 2028	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 LIN 29														
GLEN LIN 5														
GLEN LIN 6														
KAMMER 1														
KAMMER 2														
KAMMER 3														
KAMMER 1														
KAMMER 2														
KAMMER 3														
KANAWHA 1														
KANAWHA 2														
MITCHELL 1														
MITCHELL 2														
YEAR 2011														
ACILIARY REVENUE 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
AVERAGE HEAT RATE 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
AVERAGE HEAT RATE 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
AVG HEAT RATE MAXIMUM SEASONAL P	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
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
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
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
BID PRICE INCREMENTAL SEASONAL P	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
CAPACITY REVENUE PROFILE	0	0	0	0	0	0	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	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
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
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
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
ENERGY MARGIN 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
FIXED ANNUAL CAPACITY 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
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
FIXED SEASONAL CAPACITY 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
HEAT RATE PROFILE	38	39	40	41	42	43	44	43	44	43	44	43	44	44
HEAT RATE 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
MAINTENANCE SEASONAL METHOD	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
MATURE OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM CAPACITY	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
MINIMUM CAPACITY	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
MOST RUN INDICATOR	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
PARTIAL OUTAGE RATE SEASONAL PRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT FIRM	95.58	96.34	93.79	96.17	97.02	95.51	93.40	95.51	97.02	94.84	93.40	95.51	97.02	94.84
RENEWABLE ENERGY CREDIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEASONAL VARIABLE COST PROFILE	3.04	4.75	4.75	4.76	4.75	0.99	0.99	0.99	4.75	0.99	0.99	4.75	0.99	0.99
VARIABLE O AND M COSTS														
YEAR 2012														
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
PERCENT FIRM	95.58	96.34	93.79	96.17	97.02	95.51	93.40	95.51	97.02	94.84	93.40	95.51	97.02	94.84
YEAR 2013														
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
PERCENT FIRM	95.58	96.34	93.79	96.17	97.02	95.51	93.40	95.51	97.02	94.84	93.40	95.51	97.02	94.84
YEAR 2014														
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
YEAR 2015														
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
YEAR 2016														
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
YEAR 2017														
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

4-Company East Optimization

-----	YEAR 2018	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55440.17	70391.09
FIXED COSTS											
-----	YEAR 2019	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87033.54	59209.85
FIXED COSTS											
-----	YEAR 2020	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70477.80	64576.21
FIXED COSTS											
-----	YEAR 2021	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80119.77	67878.68
FIXED COSTS											
-----	YEAR 2022	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86167.53	69468.68
FIXED COSTS											
-----	YEAR 2023	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88026.24	71107.95
FIXED COSTS											
-----	YEAR 2024	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92714.93	73111.10
FIXED COSTS											
-----	YEAR 2025	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97758.68	76282.54
FIXED COSTS											
-----	YEAR 2026	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	102437.53	77506.06
FIXED COSTS											
-----	YEAR 2027	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106089.99	79521.02
FIXED COSTS											
-----	YEAR 2028	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110647.30	83020.53
FIXED COSTS											
-----	YEAR 2029	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116458.92	84055.93
FIXED COSTS											
-----	YEAR 2030	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120066.42	86371.93
FIXED COSTS											
-----	YEAR 2031	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	124046.51	87213.81
FIXED COSTS											
-----	YEAR 2032	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	124662.20	87200.45
FIXED COSTS											
-----	YEAR 2033	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125943.17	84469.63
FIXED COSTS											
-----	YEAR 2034	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121100.41	77815.18
FIXED COSTS											
-----	YEAR 2035	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114192.70	68503.36
FIXED COSTS											
-----	YEAR 2036	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115353.04	65242.04
FIXED COSTS											
-----	YEAR 2037	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	118220.80	67449.69
FIXED COSTS											

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





4-Company East Optimization

FIXED COSTS	YEAR 2024	\$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
FIXED COSTS	YEAR 2025	\$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
FIXED COSTS	YEAR 2026	\$000/YR	69202.64	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
FIXED COSTS	YEAR 2027	\$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
FIXED COSTS	YEAR 2028	\$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
FIXED COSTS	YEAR 2029	\$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
FIXED COSTS	YEAR 2030	\$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
FIXED COSTS	YEAR 2031	\$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
FIXED COSTS	YEAR 2032	\$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
FIXED COSTS	YEAR 2033	\$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
FIXED COSTS	YEAR 2034	\$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
FIXED COSTS	YEAR 2035	\$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
FIXED COSTS	YEAR 2036	\$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
FIXED COSTS	YEAR 2037	\$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
FIXED COSTS	YEAR 2038	\$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
FIXED COSTS	YEAR 2039	\$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
FIXED COSTS	YEAR 2040	\$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
THERRAL UNIT																			
	YEAR 2011																		
ANCILLARY REVENUE RATE		\$/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	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM		MBTU/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	0.00	0.00
AVERAGE HEAT RATE AT MINIMUM		MBTU/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	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

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

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GEN.INPUT.THERMAL UNIT.

THERMAL UNIT	52	53	54	55	56	57	58
	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRPT_TM	RPRUN_TM
	2	3	4	5	5	1	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	0.00	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	52	53	54	55	56	58	58
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	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 POINT	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	150.00	150.00	150.00	450.00	100.00	1105.00	1105.00
MINIMUM CAPACITY	35.00	35.00	35.00	270.00	10.00	370.00	370.00
MOST 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	68.95	75.70	75.70	0.00	92.69	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	6071.18	789.05	7579.46	0.00	1771.98	16062.00	16407.00
HEAT RATE PROFILE	52	53	54	55	56	58	58
PERCENT FIRM	67.33	72.10	72.10	0.00	92.35	92.90	92.90
YEAR 2013							
FIXED COSTS	7969.36	1049.08	7368.90	0.00	2520.73	18706.00	21159.00
PERCENT FIRM	65.25	68.50	68.50	0.00	91.84	93.00	93.00
YEAR 2014							
FIXED COSTS	9693.78	3490.42	9414.73	0.00	1449.62	17868.00	19977.00
YEAR 2015							
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	22950.00	37160.00
PERCENT FIRM	0.00	0.00	0.00	0.00	0.00	93.00	93.00
YEAR 2016							
FIXED COSTS	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 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							



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT		59	61	62	63	64	65	66
		ROCKP_IM 2	STUART 1	STUART 2	STUART 3	STUART 4	AMOS_AP 3	TANN 1-3 1
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	1907.39
PERCENT FIRM	%	92.76	90.08	89.50	90.44	89.95	95.45	78.00
YEAR 2014								
FIXED COSTS	\$000/YR	19368.00	9037.65	9201.00	9231.32	9486.67	46278.29	-228.86
YEAR 2015								
FIXED COSTS	\$000/YR	13262.00	9865.47	9846.30	9874.97	9866.69	57362.63	0.00
PERCENT FIRM	%	92.76	90.08	89.50	90.44	89.95	95.45	0.00
YEAR 2016								
FIXED COSTS	\$000/YR	21073.00	11460.29	10974.28	11011.10	10999.26	67579.17	0.00
YEAR 2017								
FIXED COSTS	\$000/YR	20184.00	11827.66	11955.97	12028.41	12019.51	68323.79	0.00
YEAR 2018								
FIXED COSTS	\$000/YR	23459.00	12930.69	12879.30	12981.66	12954.39	57186.02	0.00
YEAR 2019								
FIXED COSTS	\$000/YR	27041.00	12821.91	12563.08	12705.35	12651.45	68800.85	0.00
YEAR 2020								
FIXED COSTS	\$000/YR	0.00	13035.51	13141.24	13304.03	13252.75	64944.07	0.00
PERCENT FIRM	%	0.00	90.08	89.50	90.44	89.95	95.45	0.00
YEAR 2021								
FIXED COSTS	\$000/YR	0.00	14555.25	14454.39	14644.21	14566.40	68606.87	0.00
YEAR 2022								
FIXED COSTS	\$000/YR	0.00	15265.31	14937.31	15138.02	15062.45	72604.18	0.00
YEAR 2023								
FIXED COSTS	\$000/YR	0.00	15713.64	15820.87	16026.94	16281.04	73819.76	0.00
YEAR 2024								
FIXED COSTS	\$000/YR	0.00	16553.55	16438.04	16655.13	16569.63	76601.47	0.00
YEAR 2025								
FIXED COSTS	\$000/YR	0.00	17700.64	17025.17	17218.04	17137.65	88626.22	0.00
YEAR 2026								
FIXED COSTS	\$000/YR	0.00	17996.40	18129.19	18324.12	18240.01	91235.02	0.00
YEAR 2027								
FIXED COSTS	\$000/YR	0.00	18993.81	18885.88	19076.76	19007.23	94153.86	0.00
YEAR 2028								
FIXED COSTS	\$000/YR	0.00	19793.28	19404.10	19629.13	19567.48	97079.59	0.00
YEAR 2029								
FIXED COSTS	\$000/YR	0.00	20365.08	20476.53	20700.85	20630.38	100016.08	0.00
YEAR 2030								
FIXED COSTS	\$000/YR	0.00	21474.46	21324.29	21559.76	21491.09	103067.47	0.00
YEAR 2031								
FIXED COSTS	\$000/YR	0.00	21288.34	20862.72	21119.03	21041.73	103194.00	0.00
YEAR 2032								
FIXED COSTS	\$000/YR	0.00	21114.10	21230.31	21472.09	21796.99	104880.97	0.00
YEAR 2033								
FIXED COSTS	\$000/YR	0.00	21438.10	21288.69	21543.42	21463.11	104972.18	0.00
YEAR 2034								
FIXED COSTS	\$000/YR	0.00	21707.67	20848.49	21112.83	21034.38	106253.63	0.00
YEAR 2035								
FIXED COSTS	\$000/YR	0.00	20734.16	20872.92	21125.94	21056.32	107510.37	0.00
YEAR 2036								
FIXED COSTS	\$000/YR	0.00	20867.78	20716.23	21014.19	20890.90	107532.63	0.00
YEAR 2037								
FIXED COSTS	\$000/YR	0.00	20663.74	20209.50	20496.03	20380.10	110065.30	0.00
YEAR 2038								
FIXED COSTS	\$000/YR	0.00	20855.71	21005.35	21275.72	21174.55	112670.43	0.00
YEAR 2039								
FIXED COSTS	\$000/YR	0.00	21722.25	21564.56	21859.23	21737.52	114701.17	0.00
YEAR 2040								
FIXED COSTS	\$000/YR	0.00	113179.22	112714.05	113037.29	112912.03	330344.00	0.00

THERMAL UNIT		TANN 1-3		TANN 1-3		TANN 4		ZIMMER		ROBTWONE		ROBTWONE		ROBTWONE	
		67	68	69	70	71	72	73	1	1	2	3	1	2	3
----- YEAR 2011 -----															
ANCIILARY 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
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
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
AVG HEAT RATE MAXIMUM SEASONAL P	\$/MWH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL P	\$/MWH	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
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
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
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
BID PRICE INCREMENTAL SEASONAL P		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
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
CAPACITY REVENUE RATE	\$/KW	0.00	68	69	70	111	112	113	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	0.00	0.00	0.00	0.00	0.00	0.00
CAPITAL COSTS	\$000	0.00	68	69	70	71	72	73	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEPARTION LIBRARY POINTER		1.00	1.00	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 MAXIMUM	FRACTION	1.00	1.00	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	FRACTION	1.00	1.00	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	\$/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
FIXED ANNUAL CAPACITY RATE	\$000/YR	1618.98	5250.53	-1827.00	6217.46	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
HEAT RATE PROFILE	WKS/YEAR	67	68	69	70	0	0	0	0	0	0	0	0	0	0
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
MAINTENANCE SEASONAL METHOD		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
NATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM CAPACITY	MW	145.00	205.00	500.00	330.00	175.00	175.00	175.00	0	0	0	0	0	0	0
MINIMUM CAPACITY	MW	50.00	65.00	200.00	165.00	173.00	173.00	173.00	0	0	0	0	0	0	0
MOST RUN INDICATOR		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
PARTIAL OUTAGE RATE SEASONAL PRO	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT FIRM	RATIO	91.00	86.00	84.00	92.42	98.00	98.00	98.00	0	0	0	0	0	0	0
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
SEASONAL VARIABLE COST PROFILE	\$/MWH	0	3.25	3.25	1.97	11.86	11.86	11.86	0	0	0	0	0	0	0
VARIABLE O AND M COSTS		3.25	3.25	3.25	1.97	11.86	11.86	11.86	0	0	0	0	0	0	0
----- YEAR 2012 -----															
FIXED COSTS	\$000/YR	1739.59	-2032.03	2827.00	19337.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAT RATE PROFILE		100	101	69	70	0	0	0	0	0	0	0	0	0	0
FIRM	%	87.00	86.00	83.00	92.42	98.00	98.00	98.00	0	0	0	0	0	0	0
----- YEAR 2013 -----															
FIXED COSTS	\$000/YR	2022.52	-804.10	15698.00	8278.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	83.00	79.00	80.00	92.42	98.00	98.00	98.00	0	0	0	0	0	0	0
----- YEAR 2014 -----															
FIXED COSTS	\$000/YR	1574.83	9389.14	0.00	9666.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	67	68	69	70	71	72	73
	TANN 1-3 2	TANN 1-3 3	TANN 4 4	ZIMMER 1	ROBTMONE 1	ROBTMONE 2	ROBTMONE 3
PERCENT FIRM	0.00	0.00	80.00	92.42	98.00	98.00	98.00
YEAR 2015							
FIXED COSTS	\$000/YR	0.00	0.00	20673.88	0.00	0.00	0.00
YEAR 2016							
FIXED COSTS	\$000/YR	0.00	0.00	27677.58	0.00	0.00	0.00
YEAR 2017							
FIXED COSTS	\$000/YR	0.00	0.00	27623.17	0.00	0.00	0.00
YEAR 2018							
FIXED COSTS	\$000/YR	0.00	0.00	26439.90	0.00	0.00	0.00
YEAR 2019							
FIXED COSTS	\$000/YR	0.00	0.00	27045.17	0.00	0.00	0.00
YEAR 2020							
FIXED COSTS	\$000/YR	0.00	0.00	92.42	98.00	98.00	98.00
PERCENT FIRM	0.00	0.00	0.00	92.42	98.00	98.00	98.00
YEAR 2021							
FIXED COSTS	\$000/YR	0.00	0.00	31986.48	0.00	0.00	0.00
YEAR 2022							
FIXED COSTS	\$000/YR	0.00	0.00	32708.40	0.00	0.00	0.00
YEAR 2023							
FIXED COSTS	\$000/YR	0.00	0.00	33694.63	0.00	0.00	0.00
YEAR 2024							
FIXED COSTS	\$000/YR	0.00	0.00	36097.59	0.00	0.00	0.00
YEAR 2025							
FIXED COSTS	\$000/YR	0.00	0.00	37151.57	0.00	0.00	0.00
YEAR 2026							
FIXED COSTS	\$000/YR	0.00	0.00	38277.87	0.00	0.00	0.00
YEAR 2027							
FIXED COSTS	\$000/YR	0.00	0.00	42571.22	0.00	0.00	0.00
YEAR 2028							
FIXED COSTS	\$000/YR	0.00	0.00	42810.20	0.00	0.00	0.00
YEAR 2029							
FIXED COSTS	\$000/YR	0.00	0.00	44705.30	0.00	0.00	0.00
YEAR 2030							
FIXED COSTS	\$000/YR	0.00	0.00	47806.64	0.00	0.00	0.00
YEAR 2031							
FIXED COSTS	\$000/YR	0.00	0.00	46388.62	0.00	0.00	0.00
YEAR 2032							
FIXED COSTS	\$000/YR	0.00	0.00	45161.65	0.00	0.00	0.00
YEAR 2033							
FIXED COSTS	\$000/YR	0.00	0.00	47642.45	0.00	0.00	0.00
YEAR 2034							
FIXED COSTS	\$000/YR	0.00	0.00	46539.52	0.00	0.00	0.00
YEAR 2035							
FIXED COSTS	\$000/YR	0.00	0.00	46292.60	0.00	0.00	0.00
YEAR 2036							
FIXED COSTS	\$000/YR	0.00	0.00	48925.32	0.00	0.00	0.00
YEAR 2037							
FIXED COSTS	\$000/YR	0.00	0.00	48310.54	0.00	0.00	0.00
YEAR 2038							
FIXED COSTS	\$000/YR	0.00	0.00	47564.16	0.00	0.00	0.00
YEAR 2039							
FIXED COSTS	\$000/YR	0.00	0.00	50889.60	0.00	0.00	0.00
YEAR 2040							
FIXED COSTS	\$000/YR	0.00	0.00	268942.22	0.00	0.00	0.00
THERMAL UNIT	74	75	76	77	78	79	80
	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO
YEAR 2011	0	1	2	3	4	5	6
ANCILLARY REVENUE RATE	\$/MWH	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	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



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	0.00	1107.10	395.20	469.91	334.92	438.99	502.71
YEAR 2023							
FIXED COSTS	0.00	1212.63	469.09	539.39	368.79	486.15	572.83
YEAR 2024							
FIXED COSTS	0.00	1164.61	454.60	533.17	383.71	503.68	570.23
YEAR 2025							
FIXED COSTS	0.00	1230.84	524.59	607.22	449.65	576.25	645.02
YEAR 2026							
FIXED COSTS	0.00	1196.58	489.56	576.20	408.53	540.17	609.24
YEAR 2027							
FIXED COSTS	0.00	1230.81	525.26	612.16	444.68	579.50	653.35
YEAR 2028							
FIXED COSTS	0.00	1255.60	552.70	640.71	550.13	608.74	724.26
YEAR 2029							
FIXED COSTS	0.00	1344.22	631.78	729.39	496.22	678.26	695.31
YEAR 2030							
FIXED COSTS	0.00	1280.14	571.28	655.77	499.33	624.56	698.29
YEAR 2031							
FIXED COSTS	0.00	1219.16	512.95	601.44	576.46	568.71	642.72
YEAR 2032							
FIXED COSTS	0.00	1237.30	533.51	625.01	448.02	587.51	725.01
YEAR 2033							
FIXED COSTS	0.00	1230.57	531.60	629.16	463.80	639.49	675.58
YEAR 2034							
FIXED COSTS	0.00	553.96	545.29	685.51	425.52	566.71	643.46
YEAR 2035							
FIXED COSTS	0.00	476.63	545.14	649.48	432.96	610.63	687.45
YEAR 2036							
FIXED COSTS	0.00	447.96	493.19	588.45	416.70	555.03	636.87
YEAR 2037							
FIXED COSTS	0.00	449.93	496.33	593.63	414.56	560.49	685.49
YEAR 2038							
FIXED COSTS	0.00	440.84	488.66	589.53	405.95	555.83	639.16
YEAR 2039							
FIXED COSTS	0.00	3915.90	3959.60	4153.10	3902.01	3942.14	4031.82
YEAR 2040							
THERMAL UNIT	DARBY 1	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1
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
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 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DERATION LIBRARY POINTER	97	97	97	97	97	97	153
DISPATCH PENALTY AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DISPATCH PENALTY AT MINIMUM	116	116	116	136	136	136	138
ENERGY MARGIN CAPACITY FACTOR	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
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL CAPACITY RATE	10.49	36.33	59.41	82.07	102.49	121.80	0.00
HEAT RATE PROFILE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAT RATE REQUIREMENT	91	91	91	91	91	91	122
MAINTENANCE SEASONAL METHOD	1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINTER	0	0	0	0	0	0	0
OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0
MAXIMUM CAPACITY	85.00	85.00	85.00	85.00	85.00	85.00	593.00
MINIMUM CAPACITY	83.00	83.00	83.00	83.00	83.00	83.00	140.00
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
PERCENT FIRM	98.00	98.00	98.00	98.00	98.00	98.00	0.00



4-Company East Optimization

RENEWABLE ENERGY CREDIT SEASONAL VARIABLE COST PROFILE VARIABLE O AND M COSTS	RATIO \$/MWH	0.00 0 5.34	0.00 0 5.34	0.00 0 5.34	0.00 0 5.34	0.00 0 5.34	0.00 0 5.34	0.00 0 5.34	0.00 0 5.34	0.00 0 3.82
FIXED COSTS	\$000/YR	232.30	247.44	259.59	272.59	284.34	294.92	0.00	0.00	0.00
----- YEAR 2012 -----										
FIXED COSTS	\$000/YR	116.99	135.44	152.90	169.19	184.47	198.93	0.00	0.00	0.00
----- YEAR 2013 -----										
FIXED COSTS	\$000/YR	120.08	139.04	156.86	194.75	204.64	218.66	0.00	0.00	0.00
----- YEAR 2014 -----										
FIXED COSTS	\$000/YR	206.08	209.68	231.70	223.07	239.97	255.43	0.00	0.00	0.00
----- YEAR 2015 -----										
FIXED COSTS	\$000/YR	400.51	418.76	435.19	450.25	464.58	477.79	0.00	0.00	0.00
----- YEAR 2016 -----										
FIXED COSTS	\$000/YR	414.33	436.11	456.04	474.76	491.82	507.23	0.00	0.00	0.00
----- YEAR 2017 -----										
FIXED COSTS	\$000/YR	247.13	269.84	291.93	311.80	331.07	348.40	0.00	0.00	0.00
----- YEAR 2018 -----										
FIXED COSTS	\$000/YR	261.19	284.79	306.90	327.13	346.19	364.32	0.00	0.00	0.00
----- YEAR 2019 -----										
FIXED COSTS	\$000/YR	208.69	230.58	252.34	270.92	319.06	334.61	0.00	0.00	0.00
----- YEAR 2020 -----										
FIXED COSTS	\$000/YR	317.42	344.05	368.00	390.77	412.17	455.77	0.00	0.00	0.00
----- YEAR 2021 -----										
FIXED COSTS	\$000/YR	243.94	274.54	296.78	321.17	347.61	406.03	0.00	0.00	0.00
----- YEAR 2022 -----										
FIXED COSTS	\$000/YR	238.69	271.02	301.18	329.28	355.57	410.75	0.00	0.00	0.00
----- YEAR 2023 -----										
FIXED COSTS	\$000/YR	286.08	316.37	344.75	402.21	412.96	445.27	0.00	0.00	0.00
----- YEAR 2024 -----										
FIXED COSTS	\$000/YR	334.67	347.12	392.75	369.30	396.75	451.21	0.00	0.00	0.00
----- YEAR 2025 -----										
FIXED COSTS	\$000/YR	355.54	387.06	417.73	445.51	471.83	526.45	0.00	0.00	0.00
----- YEAR 2026 -----										
FIXED COSTS	\$000/YR	365.27	399.43	431.04	459.46	487.07	536.20	0.00	0.00	0.00
----- YEAR 2027 -----										
FIXED COSTS	\$000/YR	352.00	386.27	420.03	451.02	479.53	533.95	0.00	0.00	0.00
----- YEAR 2028 -----										
FIXED COSTS	\$000/YR	426.82	460.29	491.53	520.31	547.32	594.27	0.00	0.00	0.00
----- YEAR 2029 -----										
FIXED COSTS	\$000/YR	419.82	445.86	476.77	505.05	574.45	597.04	0.00	0.00	0.00
----- 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.THERMAL UNIT.

THERMAL UNIT	81	82	83	84	85	86	87
FIXED COSTS YEAR 2031	480.50	513.33	545.45	574.10	601.90	647.81	0.00
FIXED COSTS YEAR 2032	434.61	471.24	498.70	528.69	561.15	618.34	0.00
FIXED COSTS YEAR 2033	437.08	477.84	515.85	551.36	584.31	639.92	0.00
FIXED COSTS YEAR 2034	446.69	487.98	526.59	599.88	612.33	651.77	0.00
FIXED COSTS YEAR 2035	515.84	522.11	603.51	563.73	599.84	659.86	0.00
FIXED COSTS YEAR 2036	455.92	500.45	541.93	580.87	617.65	681.72	0.00
FIXED COSTS YEAR 2037	488.01	525.61	564.88	597.22	631.12	681.73	0.00
FIXED COSTS YEAR 2038	439.62	481.87	519.17	558.82	592.25	650.08	0.00
FIXED COSTS YEAR 2039	490.31	531.92	571.12	608.06	642.70	697.25	0.00
FIXED COSTS YEAR 2040	2579.29	2613.71	2651.82	2689.87	2760.77	2791.09	0.00
THERMAL UNIT	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
HEAT RATE MAXIMUM SEASONAL P	0	0	0	0	0	0	0
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 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
DEPARTION 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	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	-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 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
OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0
MAXIMUM CAPACITY	593.00	593.00	593.00	840.00	840.00	625.00	625.00
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 PROF	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 M COSTS	3.69	3.82	3.69	3.65	3.65	2.60	2.60
FIXED COSTS YEAR 2012	0.00	-636.77	-866.83	-1437.84	-1723.85	0.00	0.00
FIXED COSTS YEAR 2013	0.00	-607.53	-782.12	-2284.44	-1776.47	0.00	0.00
FIXED COSTS YEAR 2014	0.00	-705.54	-864.76	-2314.78	-1734.33	0.00	0.00
FIXED COSTS YEAR 2015	0.00	-720.25	-928.24	3763.22	4115.30	0.00	0.00
FIXED COSTS YEAR 2016	0.00	-657.08	-859.24	1494.37	1595.75	0.00	0.00
FIXED COSTS YEAR 2017	0.00	-830.58	-1043.35	-1823.50	-1519.47	0.00	0.00
FIXED COSTS YEAR 2018	0.00	-659.11	-866.60	-1270.08	-425.54	0.00	0.00





	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	THERMAL UNIT							
	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	1	1	1	1	1	1	
----- YEAR 2011 -----															
ANCIILARY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
AVERAGE HEAT RATE AT MAXIMUM	10.25	8.71	8.71	7.67	8.73	8.73	8.73								
AVERAGE HEAT RATE AT MINIMUM	10.97	9.32	9.32	8.21	9.34	9.34	9.34								
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	0.09	0.00	0.00	0.00	0.00	0.00								
CAPACITY SEGMENT PROFILE	104	102	102	108	106	106	106								
CAPITAL COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
DEPARTON LIBRARY POINTER	118	118	118	123	123	123	123								
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	47.51	32.36	0.00	43.76	69.51	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	104	102	102	108	106	106	106								
MAINTENANCE REQUIREMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
MAINTENANCE SEASONAL POINTER	1	1	1	1	1	1	1								
MAINTENANCE SEASONAL METHOD	0	0	0	0	0	0	0								
MATURE FORCED OUTAGE RATE	5.40	5.40	5.40	7.50	7.50	7.50	7.50								
MATURE OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0								
MAXIMUM CAPACITY	531.00	624.00	624.00	784.00	637.00	636.00	672.00								
MINIMUM CAPACITY	265.00	312.00	312.00	392.00	319.00	318.00	336.00								
MOST RUN INDICATOR	1	1	1	1	1	1	1								
PARTIAL OUTAGE RATE SEASONAL PRO	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
PERCENT FIRM	94.60	94.60	94.60	92.50	92.50	92.50	96.00								
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								
SEASONAL VARIABLE COSTS	7.01	3.57	3.57	6.15	4.16	3.94	2.67								
VARIABLE O AND M COSTS	7.01	3.57	3.64	6.15	4.16	4.02	2.67								
----- YEAR 2012 -----															
VARIABLE O AND M COSTS	7.01	3.57	3.64	6.15	4.16	4.02	2.67								

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	102	103	104	105	106	107	108
	UPC_NCCS 1	FC_UL_SU 1	UPC_RCCS 1	IGC_NCCS 1	IGCC_GE 1	IGC_RCCS 1	CC_2X1FB 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	MBTU/MWH	10.25	8.71	10.25	7.67	8.73	10.27
AVERAGE HEAT RATE AT MINIMUM	MBTU/MWH	10.97	9.32	10.97	8.21	9.34	10.99
CAPACITY SEGMENT PROFIT		104	102	103	108	106	107
HEAT RATE PROFIT	MW	531.00	624.00	531.00	784.00	637.00	541.00
MAXIMUM CAPACITY	MW	265.00	312.00	266.00	392.00	319.00	270.00
MINIMUM CAPACITY	MW	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 = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	109	110	111	112	113	114	115	
	CC 2X1FA 1	CC 1X1TH 1	BS2_CC 1	0	0	CT GE7FA 1	CT_GE7FA 1	
----- YEAR 2019 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	15.01	21.30	0.00	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	3.58	0.00	3.07	9.03	
----- YEAR 2020 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	21.89	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	3.67	0.00	3.07	9.03	
----- YEAR 2021 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	22.50	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	3.76	0.00	3.07	9.03	
----- YEAR 2022 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	23.12	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	3.86	0.00	3.07	9.03	
----- YEAR 2023 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	23.76	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	3.95	0.00	3.07	9.03	
----- YEAR 2024 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	24.43	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	4.04	0.00	3.07	9.03	
----- YEAR 2025 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	25.11	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	4.14	0.00	3.07	9.03	
----- YEAR 2026 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	25.82	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	4.23	0.00	3.07	9.03	
----- YEAR 2027 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	26.54	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	4.33	0.00	3.07	9.03	
----- YEAR 2028 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	27.27	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	4.43	0.00	3.07	9.03	
----- YEAR 2029 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	28.03	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	4.53	0.00	3.07	9.03	
----- YEAR 2030 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	28.81	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	4.63	0.00	3.07	9.03	
----- YEAR 2031 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	29.61	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	4.73	0.00	3.07	9.03	
----- YEAR 2032 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	30.45	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	4.83	0.00	3.07	9.03	
----- YEAR 2033 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	31.31	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	4.93	0.00	3.07	9.03	
----- YEAR 2034 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	32.22	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	5.04	0.00	3.07	9.03	
----- YEAR 2035 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	33.15	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	5.15	0.00	3.07	9.03	
----- YEAR 2036 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	34.10	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	5.26	0.00	3.07	9.03	
----- YEAR 2037 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	35.08	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	5.38	0.00	3.07	9.03	
----- YEAR 2038 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	36.11	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	5.49	0.00	3.07	9.03	
----- YEAR 2039 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	37.16	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	5.61	0.00	3.07	9.03	
----- YEAR 2040 -----								
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	9.51	15.01	38.25	0.00	5.17	8.28	
VARIABLE O AND M COSTS	\$/MMH	3.49	3.64	5.73	0.00	3.07	9.03	
----- THERMAL UNIT -----								
ANCILLARY REVENUE RATE	\$/MMH	0	0	BS2_FGD 2	BS1_FGD 1	CSV5_SCR 5	CSV6_SCR 6	CRL_NGCC 1
		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	117	118	124	125	126	127	129
	0	0	BS2_FGD 2	BS1_FGD 1	CSV5_SCR 5	CSV6_SCR 6	CRL_NGCC 1
YEAR 2017							
FIXED COSTS	\$000/YR	0.00	0.00	27956.00	0.00	0.00	0.00
PERCENT FTRM	%	0.00	0.00	94.02	92.36	95.76	95.91
YEAR 2018							
FIXED COSTS	\$000/YR	0.00	0.00	33693.00	0.00	0.00	0.00
PERCENT FTRM	%	0.00	0.00	94.02	92.36	96.11	95.50
YEAR 2019							
FIXED COSTS	\$000/YR	0.00	0.00	30667.00	0.00	0.00	0.00
PERCENT FTRM	%	0.00	0.00	94.02	92.36	96.11	95.50
YEAR 2020							
FIXED COSTS	\$000/YR	0.00	0.00	30884.00	11112.00	12385.00	0.00
YEAR 2021							
FIXED COSTS	\$000/YR	0.00	0.00	33496.00	18177.00	22001.00	0.00
YEAR 2022							
FIXED COSTS	\$000/YR	0.00	0.00	35737.00	24582.00	26162.00	0.00
YEAR 2023							
FIXED COSTS	\$000/YR	0.00	0.00	37287.00	30330.00	34547.00	0.00
YEAR 2024							
FIXED COSTS	\$000/YR	0.00	0.00	37793.00	34769.00	40838.00	0.00
YEAR 2025							
FIXED COSTS	\$000/YR	0.00	0.00	39540.00	41866.00	47551.00	0.00
YEAR 2026							
FIXED COSTS	\$000/YR	0.00	0.00	41330.00	46268.00	52489.00	0.00
YEAR 2027							
FIXED COSTS	\$000/YR	0.00	0.00	42963.00	52157.00	59756.00	0.00
YEAR 2028							
FIXED COSTS	\$000/YR	0.00	0.00	44549.00	59322.00	68602.00	0.00
YEAR 2029							
FIXED COSTS	\$000/YR	0.00	0.00	46082.00	64141.00	73207.00	0.00
YEAR 2030							
FIXED COSTS	\$000/YR	0.00	0.00	47850.00	70806.00	79663.00	0.00
YEAR 2031							
FIXED COSTS	\$000/YR	0.00	0.00	49100.00	76807.00	87421.00	0.00
YEAR 2032							
FIXED COSTS	\$000/YR	0.00	0.00	50612.00	84015.00	96051.00	0.00
YEAR 2033							
FIXED COSTS	\$000/YR	0.00	0.00	51987.00	89978.00	102301.00	0.00
YEAR 2034							
FIXED COSTS	\$000/YR	0.00	0.00	52163.00	96560.00	112564.00	0.00
YEAR 2035							
FIXED COSTS	\$000/YR	0.00	0.00	52996.00	105877.00	118381.00	0.00
YEAR 2036							
FIXED COSTS	\$000/YR	0.00	0.00	52900.00	110462.00	126396.00	0.00
YEAR 2037							
FIXED COSTS	\$000/YR	0.00	0.00	54585.00	117439.00	133475.00	0.00
YEAR 2038							
FIXED COSTS	\$000/YR	0.00	0.00	54276.00	126202.00	143842.00	0.00
YEAR 2039							
FIXED COSTS	\$000/YR	0.00	0.00	56229.00	132072.00	150119.00	0.00
YEAR 2040							
FIXED COSTS	\$000/YR	0.00	0.00	259934.00	871608.00	988756.00	0.00
THERMAL UNIT	CHR2_NGCC 130 2	MRS5_NGCC 131 5	MRS5_FGD 132 5	RP1D_IM 133 1	RP2D_IM 134 2	TRANA_FGD 135 4	RP1D_KP 136 1
ANCILLARY REVENUE RATE	\$/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 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



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF\_INPUT\_THERMAL\_UNIT.

THERMAL UNIT	130	131	132	133	134	135	136
	CR2_NGCC 2	MRS_NGCC 5	MRS_FGD 5	RPID_TM 1	RP2D_TM 2	TANK_FGD 4	RPID_KP 1
----- YEAR 2019 -----							
FIXED COSTS	\$000/YR	0.00	0.00	48098.00	28107.00	0.00	10630.00
PERCENT FIRM	%	96.00	96.00	93.50	93.23	92.76	93.23
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	9.49	11.06	0.82	8.96
----- YEAR 2020 -----							
FIXED COSTS	\$000/YR	0.00	0.00	49427.00	34154.00	31316.00	11145.00
PERCENT FIRM	%	96.00	96.00	93.00	93.23	92.76	80.46
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	9.68	11.27	0.84	3.25
----- YEAR 2021 -----							
FIXED COSTS	\$000/YR	0.00	0.00	50237.00	38905.00	40228.00	11095.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	9.86	11.48	0.86	9.30
----- YEAR 2022 -----							
FIXED COSTS	\$000/YR	0.00	0.00	51000.00	43490.00	42074.00	12231.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	10.06	11.70	0.88	9.47
----- YEAR 2023 -----							
FIXED COSTS	\$000/YR	0.00	0.00	51794.00	48339.00	45183.00	14443.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	10.25	11.91	0.90	9.65
----- YEAR 2024 -----							
FIXED COSTS	\$000/YR	0.00	0.00	52614.00	46003.00	50809.00	13853.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	10.45	12.14	0.92	9.83
----- YEAR 2025 -----							
FIXED COSTS	\$000/YR	0.00	0.00	53437.00	50472.00	49952.00	14525.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	10.65	12.36	0.94	10.02
----- YEAR 2026 -----							
FIXED COSTS	\$000/YR	0.00	0.00	54281.00	52630.00	54606.00	13686.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	10.85	12.59	0.96	10.21
----- YEAR 2027 -----							
FIXED COSTS	\$000/YR	0.00	0.00	55142.00	56762.00	50654.00	14768.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	11.06	12.82	0.99	10.40
----- YEAR 2028 -----							
FIXED COSTS	\$000/YR	0.00	0.00	56018.00	58407.00	55179.00	14275.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	11.27	13.06	1.01	10.59
----- YEAR 2029 -----							
FIXED COSTS	\$000/YR	0.00	0.00	56911.00	66956.00	52462.00	16129.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	11.48	13.30	1.03	10.79
----- YEAR 2030 -----							
FIXED COSTS	\$000/YR	0.00	0.00	57822.00	66040.00	55614.00	15979.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	11.70	13.55	1.05	10.99
----- YEAR 2031 -----							
FIXED COSTS	\$000/YR	0.00	0.00	58750.00	67988.00	61335.00	15230.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	11.92	13.80	1.08	11.19
----- YEAR 2032 -----							
FIXED COSTS	\$000/YR	0.00	0.00	59697.00	72699.00	58273.00	14904.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	12.14	14.05	1.10	11.40
----- YEAR 2033 -----							
FIXED COSTS	\$000/YR	0.00	0.00	60662.00	74830.00	58936.00	15796.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	12.37	14.31	1.12	11.61
----- YEAR 2034 -----							
FIXED COSTS	\$000/YR	0.00	0.00	61645.00	79589.00	58995.00	14917.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	12.61	14.57	1.15	11.83
----- YEAR 2035 -----							
FIXED COSTS	\$000/YR	0.00	0.00	62647.00	87242.00	61127.00	14995.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	12.85	14.84	1.17	12.05
----- YEAR 2036 -----							
FIXED COSTS	\$000/YR	0.00	0.00	39025.00	72766.00	65968.00	12322.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	13.09	15.12	1.20	12.27
----- YEAR 2037 -----							
FIXED COSTS	\$000/YR	0.00	0.00	36875.00	70165.00	62501.00	10734.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	13.34	15.39	1.22	12.50
----- YEAR 2038 -----							
FIXED COSTS	\$000/YR	0.00	0.00	37585.00	70582.00	66847.00	11279.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	13.59	15.68	1.25	12.74
----- YEAR 2039 -----							
FIXED COSTS	\$000/YR	0.00	0.00	37670.00	75274.00	64536.00	10474.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	13.85	15.97	1.28	12.97
----- YEAR 2040 -----							
FIXED COSTS	\$000/YR	0.00	0.00	94557.00	445684.00	301772.00	25523.00
VARIABLE O AND M COSTS	\$/MMH	3.49	3.49	14.11	16.26	1.30	13.21
THERMAL UNIT	RP2D_KP 137	TC4_ESP 144	A3308_AB 145	A3308_OP 146	MTN_90% 147	RP11_90% 148	RP22_90% 149

	YEAR 2011		YEAR 2012		YEAR 2013		YEAR 2014		YEAR 2015	
ANCIILARY REVENUE RATE										
AVERAGE HEAT RATE AT MAXIMUM	\$/MWH	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	9.69	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
AVG HEAT RATE MINIMUM SEASONAL P	\$/MWH	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
BID PRICE AT MINIMUM	\$/MWH	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
BID PRICE COST FACTOR	%	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
BID PRICE MINIMUM SEASONAL POINT		0	0	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE		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
CAPACITY SEGMENT PROFILE		0	0	0	0	0	0	0	0	0
CAPITAL COSTS	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DERATION LIBRARY POINTER		59	69	3	3	3	98	58	59	59
DISPATCH PENALTY AT MAXIMUM		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
ENERGY MARGIN CAPACITY FACTOR		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
FIXED COSTS	\$/KW/YR	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
FIXED SEASONAL RATE PROFILE		0	0	0	0	0	0	0	0	0
HEAT RATE PROFILE		0	0	0	0	0	0	0	0	0
HEAT RATE PROFIT	WKS/YEAR	0.00	69	174	174	174	175	176	177	177
MAINTENANCE REQUIREMENT		1	1	1	1	1	1	1	1	1
MAINTENANCE SEASONAL METHOD		0	0	0	0	0	0	0	0	0
MAINTENANCE SEASONAL POINTER		0	0	0	0	0	0	0	0	0
MATURE OUTAGE RATE SEASONAL PROF		0	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	1070.00	1070.00
MINIMUM CAPACITY	MW	193.00	300.00	368.30	382.00	600.00	815.00	815.00	815.00	815.00
MUST RIN INDICATOR		0	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	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	RATIO	93.69	83.56	95.24	95.24	94.78	93.26	93.69	93.69	93.69
RENEWABLE ENERGY CREDIT		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	\$/MWH	0.69	3.25	6.64	6.64	6.64	6.19	5.89	5.89	5.89
----- YEAR 2012 -----										
PERCENT FIRM	%	93.23	82.95	95.42	95.42	94.97	93.08	93.23	93.23	93.23
VARIABLE O AND M COSTS	\$/MWH	0.70	3.25	6.64	6.64	6.64	6.19	5.89	5.89	5.89
----- YEAR 2013 -----										
FIXED COSTS	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	92.76	80.46	95.45	95.45	95.01	93.23	92.76	92.76	92.76
VARIABLE O AND M COSTS	\$/MWH	0.72	3.25	6.64	6.64	6.64	6.19	5.89	5.89	5.89
----- YEAR 2014 -----										
FIXED COSTS	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	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	5.89	5.89
----- YEAR 2015 -----										
FIXED COSTS	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	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	5.89	5.89

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.

THEMAL UNIT	137	144	145	146	147	148	149
	RP2D_KP 2	TC4_ESP 4	A390% AP 3	A390%OP 3	MTN_90% 1	RPT1_90% 1	RPT2_90% 2
YEAR 2016							
FIXED COSTS	\$/MMH	0.00	0.00	67579.17	33387.89	86618.34	0.00
VARIABLE O AND M COSTS		0.76	3.25	6.64	6.64	6.64	5.89
YEAR 2017							
DERATION LIBRARY POINTER	59	69	3	3	98	59	59
FIXED COSTS	\$/MMH	0.00	0.00	68323.79	40702.05	73117.19	0.00
VARIABLE O AND M COSTS		0.78	3.25	6.64	6.64	6.64	5.89
YEAR 2018							
FIXED COSTS	\$/MMH	0.00	0.00	57186.02	38264.98	87219.08	0.00
VARIABLE O AND M COSTS		0.80	3.25	6.64	6.64	6.64	5.89
YEAR 2019							
FIXED COSTS	\$/MMH	0.00	0.00	68800.85	41682.87	80550.57	0.00
VARIABLE O AND M COSTS		0.82	3.25	6.64	6.64	6.64	5.89
YEAR 2020							
FIXED COSTS	\$/MMH	5138.00	0.00	64944.07	37986.84	86465.66	0.00
VARIABLE O AND M COSTS		0.84	3.25	6.64	6.64	6.64	5.89
YEAR 2021							
FIXED COSTS	\$/MMH	5761.00	0.00	68606.87	43775.85	91550.24	0.00
VARIABLE O AND M COSTS		0.86	3.25	6.64	6.64	6.64	5.89
YEAR 2022							
FIXED COSTS	\$/MMH	5996.00	0.00	72604.18	45880.61	63191.60	0.00
VARIABLE O AND M COSTS		0.88	3.25	6.64	6.64	6.64	5.89
YEAR 2023							
FIXED COSTS	\$/MMH	6419.00	0.00	73819.76	47328.14	63474.61	0.00
VARIABLE O AND M COSTS		0.90	3.25	6.64	6.64	6.64	5.89
YEAR 2024							
FIXED COSTS	\$/MMH	7219.00	0.00	76601.47	49873.90	71955.60	0.00
VARIABLE O AND M COSTS		0.92	3.25	6.64	6.64	6.64	5.89
YEAR 2025							
FIXED COSTS	\$/MMH	7045.00	0.00	88626.22	11659.01	69202.64	0.00
VARIABLE O AND M COSTS		0.94	3.25	6.64	6.64	6.64	5.89
YEAR 2026							
FIXED COSTS	\$/MMH	7839.00	0.00	91235.02	12781.52	91234.39	0.00
VARIABLE O AND M COSTS		0.96	3.25	6.64	6.64	6.64	5.89
YEAR 2027							
FIXED COSTS	\$/MMH	7814.00	0.00	94153.86	20250.06	73539.90	0.00
VARIABLE O AND M COSTS		0.99	3.25	6.64	6.64	6.64	5.89
YEAR 2028							
FIXED COSTS	\$/MMH	8661.00	0.00	97079.59	21291.62	81342.54	0.00
VARIABLE O AND M COSTS		1.01	3.25	6.64	6.64	6.64	5.89
YEAR 2029							
FIXED COSTS	\$/MMH	8659.00	0.00	100016.08	22774.73	79760.94	0.00
VARIABLE O AND M COSTS		1.03	3.25	6.64	6.64	6.64	5.89
YEAR 2030							
FIXED COSTS	\$/MMH	9188.00	0.00	103067.47	17458.61	88078.74	0.00
VARIABLE O AND M COSTS		1.05	3.25	6.64	6.64	6.64	5.89
YEAR 2031							
FIXED COSTS	\$/MMH	10052.00	0.00	103194.00	14658.88	80023.92	0.00
VARIABLE O AND M COSTS		1.08	3.25	6.64	6.64	6.64	5.89
YEAR 2032							
FIXED COSTS	\$/MMH	9221.00	0.00	104880.97	21706.55	76195.13	0.00
VARIABLE O AND M COSTS		1.10	3.25	6.64	6.64	6.64	5.89
YEAR 2033							
FIXED COSTS	\$/MMH	9629.00	0.00	104972.18	17021.04	67427.20	0.00
VARIABLE O AND M COSTS		1.12	3.25	6.64	6.64	6.64	5.89
YEAR 2034							
FIXED COSTS	\$/MMH	9529.00	0.00	106253.63	15062.34	68825.85	0.00
VARIABLE O AND M COSTS		1.15	3.25	6.64	6.64	6.64	5.89
YEAR 2035							
FIXED COSTS	\$/MMH	10050.00	0.00	107510.37	5479.40	61143.53	0.00
VARIABLE O AND M COSTS		1.17	3.25	6.64	6.64	6.64	5.89
YEAR 2036							
FIXED COSTS	\$/MMH	10918.00	0.00	107532.63	272.00	83592.85	0.00
VARIABLE O AND M COSTS		1.20	3.25	6.64	6.64	6.64	5.89
YEAR 2037							
FIXED COSTS	\$/MMH	10512.00	0.00	110065.30	8997.21	59044.96	0.00
VARIABLE O AND M COSTS		1.22	3.25	6.64	6.64	6.64	5.89
YEAR 2038							
FIXED COSTS	\$/MMH	10992.00	0.00	112670.43	1271.45	65166.14	0.00
VARIABLE O AND M COSTS		1.25	3.25	6.64	6.64	6.64	5.89
YEAR 2039							

4-Company East Optimization

YEAR 2010		YEAR 2011		YEAR 2012		YEAR 2013	
FIXED COSTS	\$000/YR	10663.00	0.00	114701.17	8536.66	61218.57	0.00
VARIABLE O AND M COSTS	\$/MWH	1.28	3.25	6.64	6.64	6.64	5.89
FIXED COSTS	\$000/YR	57895.00	0.00	330344.00	254527.97	511774.31	0.00
VARIABLE O AND M COSTS	\$/MWH	1.30	3.25	6.64	6.64	6.64	6.19
FIXED COSTS	\$000/YR	150	151	153	154	155	156
VARIABLE O AND M COSTS	\$/MWH	150	151	153	154	155	156
FIXED COSTS	\$000/YR	14326.69	0.00	35115.84	0.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MWH	92.26	94.95	95.01	96.00	97.00	97.00

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







APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		158	159	160	161	162	163	164
		CC_IAM 1	CT_APCO 1	CC_APCO 1	CT_KPCCO 1	CC_KPCCO 1	BS2_FGD 1	BS2_FGD 5
YEAR 2017								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	65898.00	63617.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	94.50	94.50
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	3.25	6.87
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	81303.00	79000.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	94.00	94.00
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	3.31	6.99
YEAR 2018								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	73968.00	71642.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	93.50	93.50
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	3.37	7.11
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	71482.00	69132.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	93.00	93.00
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	3.43	7.24
YEAR 2019								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	74039.00	71667.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	3.50	7.38
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	3.57	7.52
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	78711.00	76291.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	3.65	7.67
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	3.79	7.97
YEAR 2020								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	80844.00	78399.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	3.72	7.82
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	3.87	8.12
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	85365.00	82870.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	3.95	8.28
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.11	8.60
YEAR 2021								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	90333.00	87787.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.02	8.44
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.26	8.93
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	96599.00	93945.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.35	9.10
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.43	9.27
YEAR 2022								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	96168.00	93458.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.52	9.45
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.61	9.63
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	93721.00	90954.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.70	9.81
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.79	10.00
YEAR 2023								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	95388.00	92592.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.81	10.10
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.90	10.20
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	93740.00	90914.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	5.00	10.30
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	5.10	10.40
YEAR 2024								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	95033.00	92407.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.26	8.93
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.35	9.10
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	96599.00	93945.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.43	9.27
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.52	9.45
YEAR 2025								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	93721.00	90954.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.70	9.81
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.79	10.00
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	95388.00	92592.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.81	10.10
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.90	10.20
YEAR 2026								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	93740.00	90914.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	5.00	10.30
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	5.10	10.40
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	95033.00	92407.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.26	8.93
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.35	9.10
YEAR 2027								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	96599.00	93945.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.43	9.27
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.52	9.45
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	93721.00	90954.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.70	9.81
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.79	10.00
YEAR 2028								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	95388.00	92592.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.81	10.10
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.90	10.20
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	93740.00	90914.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	5.00	10.30
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	5.10	10.40
YEAR 2029								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	95033.00	92407.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.26	8.93
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.35	9.10
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	96599.00	93945.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.43	9.27
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.52	9.45
YEAR 2030								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	93721.00	90954.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.70	9.81
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.79	10.00
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	95388.00	92592.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.81	10.10
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.90	10.20
YEAR 2031								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	93740.00	90914.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	5.00	10.30
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	5.10	10.40
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	95033.00	92407.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.26	8.93
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.35	9.10
YEAR 2032								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	96599.00	93945.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.43	9.27
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.52	9.45
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	93721.00	90954.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.70	9.81
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.79	10.00
YEAR 2033								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	95388.00	92592.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.81	10.10
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.90	10.20
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	93740.00	90914.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	5.00	10.30
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	5.10	10.40
YEAR 2034								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	95033.00	92407.00
PERCENT FIRM	%	96.00	97.00	96.00	97.00	96.00	4.26	8.93
VARIABLE O AND M COSTS	\$/MMH	3.49	9.03	3.49	9.03	3.64	4.35	9.10
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00			

4-Company East Optimization

	YEAR 2011	YEAR 2012	YEAR 2013																	
VARIABLE O AND M COSTS																				
FIXED COSTS																				
VARIABLE O AND M COSTS																				
YEAR 2010																				
FIXED COSTS																				
VARIABLE O AND M COSTS																				
YEAR 2011																				
ANCLILARY REVENUE RATE																				
AVERAGE HEAT RATE AT MAXIMUM																				
AVERAGE HEAT RATE AT MINIMUM																				
AVG HEAT RATE MAXIMUM SEASONAL P																				
AVG HEAT RATE MINIMUM SEASONAL P																				
BID PRICE AT INCREMENTAL																				
BID PRICE AT MINIMUM																				
BID PRICE CAPACITY FACTOR																				
BID PRICE COST FACTOR																				
BID PRICE INCREMENTAL SEASONAL P																				
BID PRICE MINIMUM SEASONAL POINT																				
CAPACITY REVENUE PROFILE																				
CAPACITY REVENUE RATE																				
CAPACITY SEGMENT PROFILE																				
CAPITAL COSTS																				
DEPARTION LIBRARY POINTER																				
DISPATCH PENALTY AT MAXIMUM																				
DISPATCH PENALTY AT MINIMUM																				
ENERGY MARGIN CAPACITY FACTOR																				
FIXED ANNUAL CAPACITY RATE																				
FIXED COSTS																				
FIXED SEASONAL CAPACITY RATE																				
FIXED SEASONAL RATE PROFILE																				
HEAT RATE PROFILE																				
MAINTENANCE REQUIREMENT																				
MAINTENANCE SEASONAL METHOD																				
MAINTENANCE SEASONAL POINTER																				
NATURE OUTAGE RATE SEASONAL PROF																				
MAXIMUM CAPACITY																				
MINIMUM CAPACITY																				
MOST RUN INDICATOR																				
PARTIAL OUTAGE RATE																				
PARTIAL OUTAGE RATE SEASONAL PRO																				
PERCENT FTRM																				
RENEWABLE ENERGY CREDIT																				
SEASONAL VARIABLE COST PROFILE																				
VARIABLE O AND M COSTS																				
YEAR 2012																				
FIXED COSTS																				
PERCENT FTRM																				
VARIABLE O AND M COSTS																				
YEAR 2013																				
FIXED COSTS																				

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



YEAR 2033												
FIXED COSTS		\$000/YR	85367.00	60763.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE O AND M COSTS		\$/MWH	6.63	12.35	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57
YEAR 2034												
FIXED COSTS		\$000/YR	84716.00	62828.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE O AND M COSTS		\$/MWH	6.76	12.58	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57
YEAR 2035												
FIXED COSTS		\$000/YR	81882.00	64361.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE O AND M COSTS		\$/MWH	6.89	12.82	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57
YEAR 2036												
FIXED COSTS		\$000/YR	82229.00	65064.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE O AND M COSTS		\$/MWH	7.02	13.06	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57
YEAR 2037												
FIXED COSTS		\$000/YR	83876.00	65762.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE O AND M COSTS		\$/MWH	7.16	13.31	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57
YEAR 2038												
FIXED COSTS		\$000/YR	82207.00	66253.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE O AND M COSTS		\$/MWH	7.30	13.56	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57
YEAR 2039												
FIXED COSTS		\$000/YR	84777.00	67585.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE O AND M COSTS		\$/MWH	7.44	13.81	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57
YEAR 2040												
FIXED COSTS		\$000/YR	475821.00	245488.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE O AND M COSTS		\$/MWH	7.58	14.07	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57
THERMAL UNIT												
			NUKE_IM	IGCC_KP	PC_UL_KP	NUKE_KP	IGCC_OH	PC_UL_OH	NUKE_OH			
			173	174	175	176	177	178	179			
			1	1	1	1	1	1	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
AVERAGE HEAT RATE AT MAXIMUM		MBTU/MWH	10.50	8.73	8.71	10.50	8.73	8.71	10.50	8.73	8.71	10.50
AVERAGE HEAT RATE AT MINIMUM		MBTU/MWH	10.50	9.34	9.32	10.50	9.34	9.32	10.50	9.34	9.32	10.50
AVG HEAT RATE MAXIMUM SEASONAL P		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
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
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
BID PRICE CAPACITY FACTOR		%	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
BID PRICE INCREMENTAL SEASONAL P		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
CAPACITY REVENUE PROFILE		\$/KW	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	1.06	1.02	0.00	1.06	1.02	0.00	1.06	1.02	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
CAPITAL COSTS			0.00	1.24	1.18	0.00	1.24	1.18	0.00	1.24	1.18	0.00
DEPARTION LIBRARY POINTNER			1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MAXIMUM			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
ENERGY MARGIN CAPACITY FACTOR		FRACTION	69.05	69.51	32.36	69.05	69.51	32.36	69.05	69.51	32.36	69.05
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
FIXED COSTS		\$/KW/YR	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
FIXED SEASONAL RATE PROFILE			0	106	102	0	106	102	0	106	102	0
HEAT RATE PROFILE			0	106	102	0	106	102	0	106	102	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		QUALIFIER = GAF.INPUT.THERMAL UNIT.									
		181	182	183	184	186	187	188			
		RPID_03	RPID_04	RPID_08	RPID_20	RPTR_TM	RPTR_TM	RPTR_KP			
		1	1	1	1	1	2	1			
FIXED COSTS	\$/MMH	68290.00	53813.00	54944.00	55804.00	0.00	0.00	0.00			
PERCENT FIRM	%	93.23	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	0.99	0.69	0.99			
YEAR 2021											
FIXED COSTS	\$/MMH	68117.00	53583.00	54717.00	55660.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	9.30	10.89	11.68	3.92	0.99	0.69	0.99			
YEAR 2022											
FIXED COSTS	\$/MMH	74913.00	60180.00	61317.00	62269.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	9.47	11.10	11.90	4.00	0.99	0.69	0.99			
YEAR 2023											
FIXED COSTS	\$/MMH	88293.00	73090.00	74231.00	75192.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	9.65	11.30	12.13	4.08	0.99	0.69	0.99			
YEAR 2024											
FIXED COSTS	\$/MMH	85988.00	70525.00	71669.00	72640.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	9.83	11.52	12.35	4.16	0.99	0.69	0.99			
YEAR 2025											
FIXED COSTS	\$/MMH	89696.00	73973.00	75120.00	76102.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	10.02	11.73	12.58	4.24	0.99	0.69	0.99			
YEAR 2026											
FIXED COSTS	\$/MMH	83347.00	69273.00	70424.00	71415.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	10.21	11.95	12.82	4.33	0.99	0.69	0.99			
YEAR 2027											
FIXED COSTS	\$/MMH	89477.00	75563.00	76717.00	77719.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	10.40	12.17	13.05	4.41	0.99	0.69	0.99			
YEAR 2028											
FIXED COSTS	\$/MMH	86148.00	72824.00	73981.00	74993.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	10.59	12.40	13.30	4.50	0.99	0.69	0.99			
YEAR 2029											
FIXED COSTS	\$/MMH	95793.00	83582.00	84743.00	85765.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	10.79	12.63	13.54	4.59	0.99	0.69	0.99			
YEAR 2030											
FIXED COSTS	\$/MMH	87566.00	82895.00	84060.00	85093.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	10.99	12.86	13.79	4.67	0.99	0.69	0.99			
YEAR 2031											
FIXED COSTS	\$/MMH	70757.00	80164.00	81333.00	82376.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	11.19	13.10	14.05	4.77	0.99	0.69	0.99			
YEAR 2032											
FIXED COSTS	\$/MMH	63106.00	78629.00	79802.00	80856.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	11.40	13.34	14.31	4.86	0.99	0.69	0.99			
YEAR 2033											
FIXED COSTS	\$/MMH	67693.00	84243.00	85419.00	86484.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	11.61	13.59	14.57	4.95	0.99	0.69	0.99			
YEAR 2034											
FIXED COSTS	\$/MMH	62989.00	80488.00	81668.00	82745.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	11.83	13.84	14.84	5.05	0.99	0.69	0.99			
YEAR 2035											
FIXED COSTS	\$/MMH	68040.00	87574.00	88758.00	89846.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	12.05	14.10	15.11	5.15	0.99	0.69	0.99			
YEAR 2036											
FIXED COSTS	\$/MMH	64257.00	72194.00	72756.00	73587.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	12.27	14.36	15.39	5.25	0.99	0.69	0.99			
YEAR 2037											
FIXED COSTS	\$/MMH	57962.00	63097.00	63387.00	64229.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	12.50	14.62	15.68	5.35	0.99	0.69	0.99			
YEAR 2038											
FIXED COSTS	\$/MMH	55995.00	66123.00	66418.00	67272.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	12.74	14.89	15.97	5.45	0.99	0.69	0.99			
YEAR 2039											
FIXED COSTS	\$/MMH	48940.00	61507.00	61805.00	62672.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	12.97	15.17	16.26	5.56	0.99	0.69	0.99			
YEAR 2040											
FIXED COSTS	\$/MMH	77846.00	181066.00	181368.00	182247.00	0.00	0.00	0.00			
VARIABLE O AND M COSTS	\$/MMH	13.21	15.45	16.56	5.66	0.99	0.69	0.99			
THERMAL UNIT											
		189	190	191	223	224	228	229			
		RP2TR_KP	T4_TRONA	T4_TRCCR	MR_STKR1	MR_STKR2	AMS3_SI	BS2_SI			
		2	4	4	1	1	3	2			
YEAR 2011											
ANCILLARY REVENUE RATE	\$/MMH	0.00	0.00	0.00	0.00	0.00	0.00	0.00			





QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT	189	190	191	223	224	228	229
	REPTR_MP 2	T4_TROMA 4	T4_TROCR 4	MR_STKR1 1	MR_STKR2 1	AMS3_STI 3	BS2_STI 2
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
FIXED COSTS	\$000/YR 4426.00	0.00	54619.00	0.00	0.00	0.00	0.00
FIXED COSTS	\$000/YR 0.00	0.00	45753.00	0.00	0.00	0.00	0.00
FIXED COSTS	\$000/YR 0.00	0.00	46641.00	0.00	0.00	0.00	0.00
FIXED COSTS	\$000/YR 0.00	0.00	47631.00	0.00	0.00	0.00	0.00
FIXED COSTS	\$000/YR 0.00	0.00	316299.00	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	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
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025

THERMAL UNIT	230	231	232	233	234	235	251
	MR5_CF 5	MR5_STI 5	RPT1_CF 1	RPW2_CF 2	RPT1_STI 1	RPW2_STI 2	DC1_HPT 1
ANCILLARY REVENUE RATE	\$/MMH 0.00	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	0.00
AVG HEAT RATE MAXIMUM 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 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	\$000 0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPITAL COSTS	50	50	58	59	58	59	141
DERATION LIBRARY POINTNER	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 FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	0.00	8.04	0.18	0.18	8.12	8.12	0.00
FIXED COSTS	\$/KW/YR 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
FIXED SEASONAL RATE PROFILE	0	0	0	0	0	0	0
HEAT RATE PROFILE	110	109	97	98	171	172	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

4-Company East Optimization

Maintenance Seasonal Pointer								
MAXIMUM CAPACITY	MW	0	0	0	0	0	0	0
MINIMUM CAPACITY	MW	600.00	582.00	1320.00	1300.00	1279.00	1259.00	1158.00
MUST RUN INDICATOR	MW	400.00	400.00	500.00	500.00	959.00	959.00	1158.00
PARTIAL OUTAGE RATE	%	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
PERCENT FIRM	%	82.89	82.89	94.74	94.02	94.74	94.02	95.00
RENEWABLE ENERGY CREDIT	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	\$/MWH	2.18	3.48	1.19	0.93	2.98	2.67	0.21
VARIABLE O AND M COSTS								
YEAR 2012								
CAPACITY SEGMENT PROFILE		50	65	58	59	140	144	142
PERCENT FIRM	%	90.36	90.36	95.33	95.42	95.33	95.42	95.00
YEAR 2013								
PERCENT FIRM	%	91.81	91.81	96.71	96.48	96.71	96.48	95.00
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
DERATION 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	YEAR 2011
ANNUAL REVENUE 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
AVERAGE HEAT RATE AT MAXIMUM	10.96	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	10.96
AVERAGE HEAT RATE AT MINIMUM	10.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.97
AVG HEAT RATE MAXIMUM SEASONAL P	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
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
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
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
BID PRICE INCREMENTAL SEASONAL P	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
CAPACITY REVENUE PROFILE	0	0	0	0	0	0	0	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE	159	79	79	79	79	79	79	79	79	79	79	79	79	159	159
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
OPERATION LIBRARY POINTER	295	5	5	5	5	5	5	5	5	5	5	5	5	295	295
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
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
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
FIXED ANNUAL CAPACITY 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
FIXED COSTS	0.00	18517.00	0.00	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FIXED SEASONAL RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT RATE PROFILE	0	143	143	143	143	143	143	143	143	143	143	143	143	0	0
MAINTENANCE REQUIREMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAINTENANCE SEASONAL METHOD	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0
MAINTENANCE SEASONAL POINTER	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
MAINTENANCE SEASONAL RATE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MATURE FORCED OUTAGE RATE	5.00	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	5.00	5.00

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	DC2_3800	BIGSD_15	BIGSD_GP	CLN_Q_HM	CLN_Q_15	CLN_Q_HM	CLN_Q_15
	2	1	1	1	1	2	2
YEAR 2011							
MATURE OUTAGE RATE	0	0	0	0	0	0	0
MAXIMUM CAPACITY	MM	270.00	270.00	235.00	235.00	235.00	235.00
MINIMUM CAPACITY	MM	100.00	100.00	60.00	60.00	60.00	60.00
MOST RUN INDICATOR	%	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
PERCENT FIRM	%	95.00	96.21	94.36	94.36	89.45	89.45
RENEWABLE ENERGY CREDIT	RATIO	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE							
VARIABLE O AND M COSTS	\$/MWH	0.20	1.59	1.59	2.95	2.95	2.95
YEAR 2012							
DERATION LIBRARY POINTER		296	5	5	75	75	75
FIXED COSTS	\$000/YR	0.00	18742.00	16890.00	12466.00	13245.00	13245.00
MATURE FORCED OUTAGE RATE	%	5.00	4.56	4.56	7.78	6.93	6.93
PERCENT FIRM	%	95.00	95.93	95.93	93.40	93.12	93.12
YEAR 2013							
CAPACITY SEGMENT PROFILE		160	79	79	16	16	17
DERATION LIBRARY POINTER		297	5	5	75	75	75
FIXED COSTS	\$000/YR	0.00	18943.00	16950.00	19263.00	13759.00	13759.00
MATURE FORCED OUTAGE RATE	%	5.00	5.00	5.00	8.60	8.60	7.08
PERCENT FIRM	%	95.00	95.45	95.45	99.11	90.75	90.75
YEAR 2014							
CAPACITY SEGMENT PROFILE		161	79	79	16	16	17
DERATION LIBRARY POINTER		298	5	5	75	75	75
FIXED COSTS	\$000/YR	0.00	18183.00	16981.00	15131.00	21154.00	13826.00
MATURE FORCED OUTAGE RATE	%	5.00	5.08	5.08	7.61	7.61	7.68
PERCENT FIRM	%	95.00	95.36	95.36	94.10	89.45	89.45
YEAR 2015							
FIXED COSTS	\$000/YR	0.00	116865.00	17002.00	15646.00	80913.00	16623.00
MATURE FORCED OUTAGE RATE	%	5.00	4.88	4.88	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	93.18	93.18	93.12
YEAR 2016							
FIXED COSTS	\$000/YR	0.00	0.00	17033.00	22058.00	17154.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	4.95	4.95	7.78	6.93	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2017							
FIXED COSTS	\$000/YR	0.00	0.00	17064.00	17991.00	24468.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.03	5.03	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	94.10	90.29	90.29
YEAR 2018							
FIXED COSTS	\$000/YR	0.00	0.00	8677.00	16944.00	18588.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2019							
FIXED COSTS	\$000/YR	0.00	0.00	7471.00	24796.00	16459.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2020							
FIXED COSTS	\$000/YR	0.00	0.00	1940.00	15113.00	24727.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2021							
FIXED COSTS	\$000/YR	0.00	0.00	1926.00	15380.00	15608.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2022							
FIXED COSTS	\$000/YR	0.00	0.00	1912.00	24121.00	15882.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2023							
FIXED COSTS	\$000/YR	0.00	0.00	1894.00	17075.00	18778.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2024							
FIXED COSTS	\$000/YR	0.00	0.00	1887.00	14665.00	14543.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2025							
FIXED COSTS	\$000/YR	0.00	0.00	3528.00	42777.00	46664.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2026							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2027							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2028							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2029							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2030							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2031							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2032							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2033							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2034							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2035							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59
YEAR 2036							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	5.00	5.15	5.15	7.78	7.78	6.93
PERCENT FIRM	%	95.00	95.29	95.29	95.11	91.59	91.59



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		275	276	277	278	279	280	281
		CLN_Q_HM 3	CLN_Q_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	0.00	7385.00	6318.00	14219.00
MATURE FORCED OUTAGE RATE	%	8.47	8.47	13.31	13.31	43.67	43.67	37.53
PERCENT FIRM	%	95.15	95.15	94.32	94.32	88.86	88.86	95.37
YEAR 2015								
FIXED COSTS	\$000/YR	21383.00	79089.00	0.00	0.00	8896.00	22751.00	14614.00
MATURE FORCED OUTAGE RATE	%	9.18	9.18	13.31	13.31	48.91	48.91	39.28
PERCENT FIRM	%	93.60	93.60	94.32	94.32	88.27	88.27	94.63
YEAR 2016								
FIXED COSTS	\$000/YR	16667.00	0.00	0.00	0.00	7840.00	0.00	17130.00
MATURE FORCED OUTAGE RATE	%	9.18	9.18	13.31	13.31	48.91	48.91	41.02
PERCENT FIRM	%	92.52	92.52	94.32	94.32	88.27	88.27	96.10
YEAR 2017								
FIXED COSTS	\$000/YR	17474.00	0.00	0.00	0.00	7993.00	0.00	15818.00
MATURE FORCED OUTAGE RATE	%	9.18	9.18	13.31	13.31	48.91	48.91	42.77
PERCENT FIRM	%	95.15	95.15	94.32	94.32	88.27	88.27	95.37
YEAR 2018								
FIXED COSTS	\$000/YR	24798.00	0.00	0.00	0.00	8697.00	0.00	15680.00
MATURE FORCED OUTAGE RATE	%	9.18	9.18	13.31	13.31	48.91	48.91	44.51
YEAR 2019								
FIXED COSTS	\$000/YR	17041.00	0.00	0.00	0.00	6850.00	0.00	18331.00
YEAR 2020								
FIXED COSTS	\$000/YR	15565.00	0.00	0.00	0.00	7163.00	0.00	14746.00
YEAR 2021								
FIXED COSTS	\$000/YR	24139.00	0.00	0.00	0.00	7758.00	0.00	14666.00
YEAR 2022								
FIXED COSTS	\$000/YR	14373.00	0.00	0.00	0.00	7570.00	0.00	17836.00
YEAR 2023								
FIXED COSTS	\$000/YR	17108.00	0.00	0.00	0.00	7528.00	0.00	15286.00
YEAR 2024								
FIXED COSTS	\$000/YR	14897.00	0.00	0.00	0.00	7064.00	0.00	13964.00
YEAR 2025								
FIXED COSTS	\$000/YR	46342.00	0.00	0.00	0.00	16099.00	0.00	30200.00
YEAR 2026								
FIXED COSTS	\$000/YR	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
YEAR 2028								
FIXED COSTS	\$000/YR	0.00	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	0.00
YEAR 2030								
FIXED COSTS	\$000/YR	0.00	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	0.00
YEAR 2032								
FIXED COSTS	\$000/YR	0.00	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	0.00
YEAR 2034								
FIXED COSTS	\$000/YR	0.00	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	0.00
YEAR 2036								
FIXED COSTS	\$000/YR	0.00	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	0.00
YEAR 2038								
FIXED COSTS	\$000/YR	0.00	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	0.00
YEAR 2040								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
THERMAL UNIT								
		GLN_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
282	283	284	285	286	287	288		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
0.00	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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00





QUALIFIER = GAF.INPUT.THERMAL UNIT.

THEMAL UNIT	282	283	284	285	286	287	288
	GLN_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
FIXED COSTS	0.00	13889.00	0.00	8828.00	0.00	11028.00	0.00
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	17120.00	0.00	14624.00	0.00	8804.00	0.00
FIXED COSTS	0.00	8979.00	0.00	11368.00	0.00	14604.00	0.00
YEAR 2022	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 2023	0.00	11204.00	0.00	9154.00	0.00	11202.00	0.00
FIXED COSTS	0.00	14823.00	0.00	11384.00	0.00	9193.00	0.00
YEAR 2024	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 2025	0.00	36630.00	0.00	27438.00	0.00	29042.00	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
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
THEMAL UNIT	KMA_1_HM_1	KMA_1_15_1	KMA_2_HM_2	KMA_2_15_2	MSKRL_HM_1	MSKRL_12_1	MSKRL_HM_2
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	0.00	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 COST 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
DERATION LIBRARY POINTER	36	36	37	37	46	46	47
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	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	35	35	37	37	45	45	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 POINTER	0	0	0	0	0	0	0
MATURE FORCED OUTAGE RATE	7.28	7.28	6.86	6.86	5.66	5.66	7.89
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	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	95.94	95.94	94.62	94.62	91.88	91.88	92.14
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	4.07	4.07	4.07	4.07	1.96	1.96	1.96
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00





FIXED COSTS	YEAR 2020	0.00	0.00	0.00	0.00	0.00	10918.00	0.00
FIXED COSTS	YEAR 2021	0.00	0.00	0.00	0.00	0.00	9625.00	0.00
FIXED COSTS	YEAR 2022	0.00	0.00	0.00	0.00	0.00	7822.00	0.00
FIXED COSTS	YEAR 2023	0.00	0.00	0.00	0.00	0.00	11297.00	0.00
FIXED COSTS	YEAR 2024	0.00	0.00	0.00	0.00	0.00	9694.00	0.00
FIXED COSTS	YEAR 2025	0.00	0.00	0.00	0.00	0.00	12499.00	0.00
FIXED COSTS	YEAR 2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	YEAR 2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	YEAR 2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	YEAR 2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	YEAR 2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	YEAR 2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	YEAR 2034	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	YEAR 2035	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	YEAR 2036	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	YEAR 2037	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	YEAR 2038	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	YEAR 2039	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	YEAR 2040	0.00	0.00	0.00	0.00	0.00	0.00	0.00

THEMAL UNIT	SP1_F_HM	SP1_F_15	SP2_F_HM	SP2_F_15	SP3_Q_HM	SP3_Q_15	SP4_Q_HM
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANCILIARY 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
AVERAGE HEAT RATE AT MINIMUM P	0	0	0	0	0	0	0
AVG HEAT RATE MAXIMUM SEASONAL P	0	0	0	0	0	0	0
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

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		SP4_Q_15 4	SP5_HM 5	SP5_15 5	TNR_F_HM 1	TNR_F_15 1	TNR_F_HM 2	TNR_F_15 2
----- YEAR 2011 -----								
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	%	94.25	71.95	71.95	93.65	93.65	93.68	93.68
RENEWABLE ENERGY CREDIT	RATIO	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
VARIABLE O AND M COSTS		3.98	3.98	3.98	3.58	3.58	3.58	3.58
----- YEAR 2012 -----								
FIXED COSTS	\$000/YR	9623.00	16082.00	0.00	7099.00	5230.00	21491.00	19326.00
MATURE FORCED OUTAGE RATE	%	27.18	33.47	33.47	9.31	9.31	7.21	7.21
PERCENT FIRM	%	93.92	71.95	71.95	93.40	93.40	93.43	93.43
----- YEAR 2013 -----								
FIXED COSTS	\$000/YR	9995.00	51625.00	0.00	10052.00	8183.00	8028.00	5795.00
MATURE FORCED OUTAGE RATE	%	31.50	33.47	33.47	13.43	13.43	12.17	12.17
PERCENT FIRM	%	93.60	71.95	71.95	93.21	93.21	94.05	94.05
----- YEAR 2014 -----								
FIXED COSTS	\$000/YR	9641.00	0.00	0.00	7697.00	5688.00	8026.00	5652.00
MATURE FORCED OUTAGE RATE	%	35.46	33.47	33.47	17.91	17.91	18.47	18.47
PERCENT FIRM	%	93.28	71.95	71.95	93.11	93.11	94.05	94.05
----- YEAR 2015 -----								
FIXED COSTS	\$000/YR	43052.00	0.00	0.00	16786.00	23645.00	11410.00	25976.00
MATURE FORCED OUTAGE RATE	%	39.33	33.47	33.47	22.39	22.39	26.59	26.59
PERCENT FIRM	%	93.92	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2016 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	9667.00	0.00	8633.00	0.00
MATURE FORCED OUTAGE RATE	%	43.99	33.47	33.47	26.86	26.86	36.50	36.50
PERCENT FIRM	%	93.60	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2017 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	10213.00	0.00	15700.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	35.82	35.82	48.22	48.22
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2018 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	13269.00	0.00	9419.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2019 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	10017.00	0.00	9877.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2020 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	7436.00	0.00	12812.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2021 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	14051.00	0.00	9395.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2022 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	7974.00	0.00	12869.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2023 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	8338.00	0.00	7428.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2024 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	8027.00	0.00	7116.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2025 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	18197.00	0.00	20560.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2026 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2027 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2028 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2029 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2030 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2031 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2032 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2033 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2034 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2035 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2036 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2037 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2038 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2039 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80
----- YEAR 2040 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	48.74	33.47	33.47	44.77	44.77	54.07	54.07
PERCENT FIRM	%	93.28	71.95	71.95	93.02	93.02	93.80	93.80



THERMAL UNIT

4-Company East Optimization

	YEAR 2011									
	317	318	319	320	364	500	501			
	TNR_F_15	TNR_F_15	PW_GP_15	RH111s_1		DUMMY_OP	DUMMY_IM			
	3	3	5	1	0	0	0			
ANGLIARY REVENUE RATE										
AVERAGE HEAT RATE AT MAXIMUM	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	0.00	0.00	0.00	11.02	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P	0.00	0.00	0.00	11.33	10.85	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
BID PRICE AT INCREMENTAL	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
BID PRICE CAPACITY FACTOR	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
BID PRICE INCREMENTAL SEASONAL P	0	0	0	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	0	0	0	0	0	0	0	0	0	0
CAPACITY REVENUE RATE	0	0	0	0	0	0	0	0	0	0
CAPACITY SEGMENT PROFILE	0	0	0	0	0	0	0	0	0	0
CAPITAL COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DISPATCH PENALTY AT MAXIMUM	68	68	56	148	58	0	0	0	0	0
DISPATCH PENALTY AT MINIMUM	68	68	56	135	83	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	1.00	1.00
FIXED ANNUAL CAPACITY RATE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FIXED SEASONAL CAPACITY RATE	0.09	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL RATE PROFILE	23560.00	19221.00	8729.00	0.00	5814.00	0.00	0.00	0.00	0.00	0.00
HEAT RATE PROFILE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE REQUIREMENT	68	68	56	0	58	0	0	0	0	0
MAINTENANCE SEASONAL METHOD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL POINTER	1	1	1	1	1	1	1	1	1	1
MATURE FORCED OUTAGE RATE	10.35	10.35	7.33	5.30	5.46	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	0	0	0	0	0	0	0	0	0	0
MINIMUM CAPACITY	205.00	205.00	100.00	180.00	1300.00	0.00	0.00	0.00	0.00	0.00
MINIMUM INDICATOR	40.00	40.00	10.00	135.00	500.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE	0	0	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
PERCENT FIRM	92.92	92.92	90.47	94.71	99.35	100.00	100.00	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	0.00	0.00
SEASONAL VARIABLE COST PROFILE	0	0	0	0	0	0	0	0	0	0
VARIABLE O AND M COSTS	3.58	3.58	3.69	4.54	0.70	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----										
FIXED COSTS	\$900/YR	12974.00	8635.00	6805.00	5814.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	12.23	12.23	7.63	5.30	5.51	0.00	0.00	0.00	0.00
PERCENT FIRM	%	92.92	92.92	92.45	94.71	99.35	100.00	100.00	100.00	100.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.72	0.00	0.00	0.00	0.00
----- YEAR 2013 -----										
FIXED COSTS	\$900/YR	16269.00	9257.00	5881.00	5814.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	16.46	16.46	8.63	5.30	5.46	0.00	0.00	0.00	0.00
PERCENT FIRM	%	92.64	92.64	91.56	94.71	99.35	100.00	100.00	100.00	100.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.79	0.00	0.00	0.00	0.00
----- YEAR 2014 -----										
FIXED COSTS	\$900/YR	13596.00	9073.00	6570.00	5814.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	%	21.17	21.17	9.60	5.30	5.51	0.00	0.00	0.00	0.00
PERCENT FIRM	%	92.50	92.50	90.47	94.71	99.35	100.00	100.00	100.00	100.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.75	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	317	318	319	320	364	500	501
	TNR_F_HM 3	TNR_F_15 3	PW_GP_15 5	RH11s 1		DOWNT_OP 0	DOWNT_TM 0
----- YEAR 2015 -----							
FIXED COSTS	\$000/YR	20223.00	45469.00	14242.00	0.00	5814.00	0.00
NATURE FORCED OUTAGE RATE	%	30.57	30.57	10.60	5.30	5.46	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
NATURE FORCED OUTAGE RATE	%	41.86	41.86	100.00	5.30	5.51	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
NATURE FORCED OUTAGE RATE	%	54.09	54.09	100.00	5.30	5.46	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
NATURE FORCED OUTAGE RATE	%	61.15	61.15	100.00	5.30	5.51	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

YEAR 2011		YEAR 2012		YEAR 2013		YEAR 2014	
ANNUAL REVENUE RATE							
AVERAGE HEAT RATE AT MAXIMUM	\$/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		0.00	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
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		0.00	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
CAPACITY REVENUE PROFILE		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
CAPACITY SEGMENT PROFILE		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
DERATION LIBRARY POINTER		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
DISPATCH PENALTY AT MINIMUM		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
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
HEAT RATE PROFILE		0.00	0.00	0.00	0.00	0.00	0.00
HEAT RATE REQUIREMENT	WKS/YEAR	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD		0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL POINTER		1	1	1	1	1	1
MATURE FORCED OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE SEASONAL PROF	%	0.00	0.00	0.00	0.00	0.00	0.00
MAXIMUM CAPACITY	MW	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
MOST RUN INDICATOR		0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO	%	0.00	0.00	0.00	0.00	0.00	0.00
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	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----							
MATURE FORCED OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	100.00	100.00	100.00	100.00	100.00	100.00
VARIABLE O AND M COSTS	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2013 -----							
MATURE FORCED OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	100.00	100.00	100.00	100.00	100.00	100.00
VARIABLE O AND M COSTS	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2014 -----							
MATURE FORCED OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	100.00	100.00	100.00	100.00	100.00	100.00
VARIABLE O AND M COSTS	\$/MWH	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	DURMY_AP	DURMY_KP	CC_KPCO	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR
YEAR 2015	502	503	958	959	960	961	962
NATURE 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	0.00	0.00	3.64	0.75	0.75	2.24	2.24
YEAR 2016	0.00	0.00	4.00	7.24	7.24	4.50	3.89
NATURE FORCED OUTAGE RATE	100.00	100.00	96.00	92.76	92.76	95.50	96.11
PERCENT FIRM	0.00	0.00	3.64	0.76	0.76	2.24	2.24
VARIABLE O AND M COSTS	0.00	0.00	0.00	0.80	0.80	2.24	2.24
YEAR 2017	0.00	0.00	4.00	7.24	7.24	4.09	4.24
NATURE FORCED OUTAGE RATE	100.00	100.00	96.00	92.76	92.76	95.91	95.76
PERCENT FIRM	0.00	0.00	3.64	0.78	0.78	2.24	2.24
VARIABLE O AND M COSTS	0.00	0.00	0.00	0.84	0.84	2.24	2.24
YEAR 2018	0.00	0.00	0.00	0.86	0.86	2.24	2.24
NATURE 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	0.00	0.00	3.64	0.82	0.82	2.24	2.24
YEAR 2019	0.00	0.00	0.00	0.88	0.88	2.24	2.24
NATURE 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	0.00	0.00	3.64	0.92	0.92	2.24	2.24
YEAR 2020	0.00	0.00	0.00	0.94	0.94	2.24	2.24
NATURE 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	0.00	0.00	3.64	0.96	0.96	2.24	2.24
YEAR 2021	0.00	0.00	0.00	0.98	0.88	2.24	2.24
NATURE 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	0.00	0.00	3.64	0.99	0.99	2.24	2.24
YEAR 2022	0.00	0.00	0.00	1.01	1.01	2.24	2.24
NATURE 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	0.00	0.00	3.64	0.99	0.99	2.24	2.24
YEAR 2023	0.00	0.00	0.00	0.94	0.94	2.24	2.24
NATURE 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	0.00	0.00	3.64	0.92	0.92	2.24	2.24
YEAR 2024	0.00	0.00	0.00	0.92	0.92	2.24	2.24
NATURE 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	0.00	0.00	3.64	0.92	0.92	2.24	2.24
YEAR 2025	0.00	0.00	0.00	0.94	0.94	2.24	2.24
NATURE 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	0.00	0.00	3.64	0.96	0.96	2.24	2.24
YEAR 2026	0.00	0.00	0.00	0.96	0.96	2.24	2.24
NATURE 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	0.00	0.00	3.64	0.99	0.99	2.24	2.24
YEAR 2027	0.00	0.00	0.00	0.99	0.99	2.24	2.24
NATURE 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	0.00	0.00	3.64	0.99	0.99	2.24	2.24
YEAR 2028	0.00	0.00	0.00	1.01	1.01	2.24	2.24
NATURE 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	0.00	0.00	3.64	0.99	0.99	2.24	2.24
YEAR 2029	0.00	0.00	0.00	1.03	1.03	2.24	2.24
NATURE 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	0.00	0.00	3.64	1.03	1.03	2.24	2.24
YEAR 2030	0.00	0.00	0.00	1.03	1.03	2.24	2.24
NATURE 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	0.00	0.00	3.64	1.03	1.03	2.24	2.24
YEAR 2031	0.00	0.00	0.00	1.08	1.08	2.24	2.24
NATURE 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	0.00	0.00	3.64	1.10	1.10	2.24	2.24
YEAR 2032	0.00	0.00	0.00	1.10	1.10	2.24	2.24
NATURE 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	0.00	0.00	3.64	1.12	1.12	2.24	2.24
YEAR 2033	0.00	0.00	0.00	1.12	1.12	2.24	2.24
NATURE 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	0.00	0.00	3.64	1.15	1.15	2.24	2.24
YEAR 2034	0.00	0.00	0.00	1.15	1.15	2.24	2.24
NATURE 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	0.00	0.00	3.64	1.17	1.17	2.24	2.24
YEAR 2035	0.00	0.00	0.00	1.17	1.17	2.24	2.24
NATURE 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	0.00	0.00	3.64	1.20	1.20	2.24	2.24
YEAR 2036	0.00	0.00	0.00	1.20	1.20	2.24	2.24
NATURE 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	0.00	0.00	3.64	1.22	1.22	2.24	2.24
YEAR 2037	0.00	0.00	0.00	1.22	1.22	2.24	2.24
NATURE 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	0.00	0.00	3.64	1.22	1.22	2.24	2.24

	YEAR 2038		YEAR 2039		YEAR 2040		YEAR 2011		YEAR 2012	
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MWH	0.00	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	0.00
VARIABLE O AND M COSTS	\$/MWH	0.00	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	0.00
VARIABLE O AND M COSTS	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
THERMAL UNIT										
		DUMMY_OP	DUMMY_OP	RP1D_03	RP1D_KP	B52_FGD	CR2_NGCC	CRI_NGCC		
		963	964	965	966	967	968	969		
		963	964	965	966	967	968	969		
ANCIILARY REVENUE RATE	\$/MWH	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	9.65	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MINIMUM	MBTU/MWH	0.00	0.00	0.00	9.65	0.00	0.00	0.00	0.00	0.00
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
AVG HEAT RATE MINIMUM SEASONAL P	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT INCREMENTAL	\$/MWH	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
BID PRICE CAPACITY FACTOR	%	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
BID PRICE INCREMENTAL SEASONAL P	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE MINIMUM SEASONAL POINT	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY REVENUE PROFILE	\$/KW	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
CAPACITY SEGMENT PROFILE	\$/KW	0.00	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	0.00
DERATION LIBRARY POINTER		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DISPATCH PENALTY AT MAXIMUM	\$/KW/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DISPATCH PENALTY AT MINIMUM	\$/KW/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENERGY MARGIN CAPACITY FACTOR	FRACITION	1.00	1.00	1.00	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	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
FIXED SEASONAL CAPACITY RATE	\$/KW/SEA	0.00	0.00	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	0.00	0.00
HEAT RATE PROFILE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAT RATE PROFILE	WKS/YEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE REQUIREMENT		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
MAINTENANCE SEASONAL POINTER		0	0	0	0	0	0	0	0	0
MATURE FORCED OUTAGE RATE	%	0.00	0.00	0.00	6.74	0.00	4.00	0.00	4.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	0.00	6.74	0.00	4.00	0.00	4.00	0.00
MAXIMUM CAPACITY	MW	0.00	0.00	0.00	1090.00	133.00	788.00	212.00	212.00	0.00
MINIMUM CAPACITY	MW	0.00	0.00	0.00	359.00	193.00	500.00	60.00	60.00	0.00
MIST RUN INDICATOR		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FTRM	RATIO	100.00	100.00	100.00	93.26	93.26	92.50	96.00	96.00	0.00
RENEWABLE ENERGY CREDIT		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	0.00	0.00	7.76	7.76	7.94	3.49	3.49	0.00
VARIABLE O AND M COSTS	\$/MWH	0.00	0.00	0.00	7.76	7.76	7.94	3.49	3.49	0.00
YEAR 2012										
MATURE FORCED OUTAGE RATE	%	0.00	0.00	0.00	6.92	6.92	6.00	4.00	4.00	0.00
PERCENT FTRM	%	100.00	100.00	100.00	93.08	93.08	94.00	96.00	96.00	0.00
VARIABLE O AND M COSTS	\$/MWH	0.00	0.00	0.00	7.88	7.88	8.10	3.49	3.49	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	DUMBY_OP 963	DUMBY_OP 964	RPID_O3 965	RPID_KP 966	BS2_FGD 967	CR2_INGCC 968	CR1_INGCC 969
----- YEAR 2013 -----							
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	7.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.00	96.00
VARIABLE O AND M COSTS		0.00	0.00	8.09	8.09	8.30	3.49
----- YEAR 2014 -----							
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	5.50	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	94.50	96.00
VARIABLE O AND M COSTS		0.00	0.00	8.22	8.22	8.43	3.49
----- YEAR 2015 -----							
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	6.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	94.00	96.00
VARIABLE O AND M COSTS		0.00	0.00	8.39	8.39	8.77	3.49
----- YEAR 2016 -----							
FIXED COSTS	\$000/YR	0.00	0.00	51019.00	8350.00	83680.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	6.50	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.50	96.00
VARIABLE O AND M COSTS		0.00	0.00	8.48	8.48	9.02	3.49
----- YEAR 2017 -----							
DERATION LIBRARY POINTER		0	0	59	59	6	121
FIXED COSTS	\$000/YR	0.00	0.00	68050.00	11203.00	87349.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	6.77	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	94.50	96.00
VARIABLE O AND M COSTS		0.00	0.00	8.65	8.65	9.20	3.49
----- YEAR 2018 -----							
FIXED COSTS	\$000/YR	0.00	0.00	68104.00	11186.00	95837.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	6.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	94.00	96.00
VARIABLE O AND M COSTS		0.00	0.00	8.80	8.80	9.36	3.49
----- YEAR 2019 -----							
FIXED COSTS	\$000/YR	0.00	0.00	65087.00	10630.00	88356.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	6.50	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.50	96.00
VARIABLE O AND M COSTS		0.00	0.00	8.96	8.96	9.52	3.49
----- YEAR 2020 -----							
FIXED COSTS	\$000/YR	0.00	0.00	68290.00	11145.00	85769.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	7.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.00	96.00
VARIABLE O AND M COSTS		0.00	0.00	9.12	9.12	9.68	3.49
----- YEAR 2021 -----							
FIXED COSTS	\$000/YR	0.00	0.00	68117.00	11095.00	88298.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	6.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.50	96.00
VARIABLE O AND M COSTS		0.00	0.00	9.30	9.30	9.86	3.49
----- YEAR 2022 -----							
FIXED COSTS	\$000/YR	0.00	0.00	74913.00	12231.00	90547.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	7.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.00	96.00
VARIABLE O AND M COSTS		0.00	0.00	9.47	9.47	10.05	3.49
----- YEAR 2023 -----							
FIXED COSTS	\$000/YR	0.00	0.00	88293.00	14443.00	92902.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	7.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.00	96.00
VARIABLE O AND M COSTS		0.00	0.00	9.65	9.65	10.25	3.49
----- YEAR 2024 -----							
FIXED COSTS	\$000/YR	0.00	0.00	85988.00	13953.00	94968.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	6.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.50	96.00
VARIABLE O AND M COSTS		0.00	0.00	9.83	9.83	10.44	3.49
----- YEAR 2025 -----							
FIXED COSTS	\$000/YR	0.00	0.00	89696.00	14525.00	97121.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	6.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.50	96.00
VARIABLE O AND M COSTS		0.00	0.00	10.02	10.02	10.64	3.49
----- YEAR 2026 -----							
FIXED COSTS	\$000/YR	0.00	0.00	83347.00	13686.00	99394.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	6.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.00	96.00
VARIABLE O AND M COSTS		0.00	0.00	10.21	10.21	10.84	3.49
----- YEAR 2027 -----							
FIXED COSTS	\$000/YR	0.00	0.00	89477.00	14768.00	101905.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	7.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.00	96.00
VARIABLE O AND M COSTS		0.00	0.00	10.40	10.40	11.05	3.49
----- YEAR 2028 -----							
FIXED COSTS	\$000/YR	0.00	0.00	86148.00	14275.00	104269.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	6.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.50	96.00
VARIABLE O AND M COSTS		0.00	0.00	10.59	10.59	11.26	3.49
----- YEAR 2029 -----							
FIXED COSTS	\$000/YR	0.00	0.00	95793.00	16129.00	106543.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	6.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.50	96.00
VARIABLE O AND M COSTS		0.00	0.00	10.79	10.79	11.47	3.49
----- YEAR 2030 -----							
FIXED COSTS	\$000/YR	0.00	0.00	87566.00	15979.00	109158.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	6.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.50	96.00
VARIABLE O AND M COSTS		0.00	0.00	10.99	10.99	11.68	3.49
----- YEAR 2031 -----							
FIXED COSTS	\$000/YR	0.00	0.00	70757.00	15230.00	63453.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	6.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.50	96.00
VARIABLE O AND M COSTS		0.00	0.00	11.19	11.19	11.90	3.49
----- YEAR 2032 -----							
FIXED COSTS	\$000/YR	0.00	0.00	63106.00	14904.00	62774.00	0.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	6.77	6.77	6.00	4.00
PERCENT FIRM	%/MMH	100.00	100.00	93.23	93.23	93.50	96.00
VARIABLE O AND M COSTS		0.00	0.00	11.40	11.40	12.12	3.49







4-Company East Optimization

	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MAXIMUM	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
ENERGY MARGIN CAPACITY FACTOR	0.00	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	0.00
FIXED COSTS	0.00	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	0.00
FIXED SEASONAL RATE PROFILE	0	0	0	0	0	0	0	0	0
HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0
MAINTENANCE REQUIREMENT	0.00	0	0.00	0	0.00	0	0.00	0	0.00
MAINTENANCE SEASONAL METHOD	1	1	1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINTER	0	0	0	0	0	0	0	0	0
MATURE FORCED OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0	0	0
MAXIMUM CAPACITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM CAPACITY	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
PARTIAL OUTAGE RATE	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
PERCENT FIRM	100.00	100.00	100.00	100.00	100.00	100.00	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	0.00
SEASONAL VARIABLE COST PROFILE	0	0	0	0	0	0	0	0	0
VARIABLE O AND M COSTS	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 -----									

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	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							
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	584	585	586	587	588	589	590

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 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 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
DESATION 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	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	0.00	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	0	0	0	0	0	0	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
MATURE FORCED OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0
MAXIMUM CAPACITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM CAPACITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
PERCENT FIRM	100.00	100.00	100.00	100.00	100.00	100.00	100.00
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	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





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	59	0
DEPARTON LIBRARY POINTER		59	0
DISPATCH PENALTY AT MAXIMUM		0.00	0
ENERGY MARGIN CAPACITY FACTOR	FRACTION	1.00	1.00
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	0.00	0.00
FIXED COSTS	\$/000/YR	0.00	0.00
FIXED SEASONAL CAPACITY RATE	\$/KW/SEA	0.00	0.00
HEAT RATE PROFILE		0	0
HEAT RATE PROFILE	WKS/YEAR	59	0
MAINTENANCE REQUIRMENT		0.00	0.00
MAINTENANCE SEASONAL POINTER		1	1
MAINTENANCE SEASONAL POINTER		0	0
MATURE OUTAGE RATE SEASONAL PROF		0	0
MAXIMUM CAPACITY	MW	1105.00	0.00
MINIMUM CAPACITY	MW	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	RATIO	93.69	100.00
RENEWABLE ENERGY CREDIT		0.00	0.00
SEASONAL VARIABLE COST PROFILE		0	0
VARIABLE O AND M COSTS	\$/MWH	0.69	0.00
----- YEAR 2012 -----			
PERCENT FIRM	%	93.23	100.00
----- YEAR 2013 -----			
PERCENT FIRM	%	92.76	100.00
----- YEAR 2014 -----			
FIXED COSTS	\$000/YR	19368.00	0.00
----- YEAR 2015 -----			
FIXED COSTS	\$000/YR	15628.00	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
MATURE FORCED OUTAGE RATE	%	100.00	0.00
PERCENT FIRM	%	0.00	100.00

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APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

998  
RPTFR TO 998  
999  
DUMMY OP 999

THERMAL UNIT

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		170	171	172	173	174	175	176
	Nuke_Ap	1	1	1	1	1	1	1
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY								
THERMAL UNIT		177	178	179	181	182	183	184
	IGCC OH	1	1	1	1	1	1	1
	PC_UL_OH		1					
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY								
THERMAL UNIT		186	187	188	189	190	191	223
	RP1TR_IM	1	2	1	2	T4_TRONA	T4_TRCCR	MR_STKR1
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY								
THERMAL UNIT		224	228	229	230	231	232	233
	MR_STKR2	1	3	2	5	5	1	2
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY								
THERMAL UNIT		234	235	251	252	253	254	255
	RP1T_SI	1	2	1	1	1	1	1
	RP2T_SI							
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY								
THERMAL UNIT		257	258	259	260	269	270	271
	DC2_HPT	2	2	2	2	BIGSD_15	BIGSD_GP	CLN_Q_HM
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY								
THERMAL UNIT		272	273	274	275	276	277	278
	CLN_Q_15	1	2	2	3	3	3	3
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY								
THERMAL UNIT		279	280	281	282	283	284	285
	GLN_5_HM	5	5	6	6	1	1	2
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY								
THERMAL UNIT		286	287	288	289	290	291	292
	KMR_F_GP	2	3	3	1	KWA_1_15	KWA_2_HM	KWA_2_15
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY								
THERMAL UNIT		293	294	295	296	297	298	299
	MSKR1_HM	1	1	2	2	3	3	4
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY								
THERMAL UNIT		300	301	302	303	304	305	306
	MAHM_12	4	5	5	1	SP1_F_15	SP2_F_HM	SP2_F_15
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY								
THERMAL UNIT		307	308	309	310	311	312	313
	SP3_Q_HM	3	3	4	4	5	5	1
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY								
THERMAL UNIT		314	315	316	317	318	319	320
	TNR_F_15		HM	15	HM	15	GP_15	RH111s
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY								
THERMAL UNIT		314	315	316	317	318	319	320
	TNR_F_15		HM	15	HM	15	GP_15	RH111s



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 COKL_09	900.00	1090.00	1222.00	1320.00	0.00
SEGMENT CAPACITY LIBRARY					
26 CKL_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 GLEN_5	20.00	121.00	0.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
30 GLEN_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 KANA 1 SEGMENT CAPACITY LIBRARY	70.00	179.00	210.00	0.00	0.00
34 KANA 2 SEGMENT CAPACITY LIBRARY	50.00	180.00	200.00	0.00	0.00
35 KANA 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 MOUN 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

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

CAPACITY SEGMENTS	1	2	3	4	5
SEGMENT CAPACITY LIBRARY					
54 PSPN_4	10.00	80.00	100.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
55 PSPN_5	1.00	26.00	0.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
56 PICW_5	370.00	553.00	829.00	1105.00	0.00
SEGMENT CAPACITY LIBRARY					
57 RACINE	305.00	605.00	845.00	1105.00	0.00
SEGMENT CAPACITY LIBRARY					
58 ROCK_1M	10.00	586.00	0.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
59 ROCK_2M	85.00	121.00	151.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
60 SMITHWT	85.00	121.00	151.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
61 STUA_1	85.00	121.00	151.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
62 STUA_2	85.00	121.00	151.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
63 STUA_3	400.00	524.00	582.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
64 STUA_4	50.00	116.00	145.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
65 MR5_S1	50.00	116.00	145.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
66 TANN_1	65.00	174.00	205.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
67 TANN_2	200.00	440.00	500.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
68 TANN_3	165.00	290.00	330.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
69 TANN_4	84.00	127.00	212.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
70 ZIMM_1	268.00	536.00	715.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
71 REBOW	25.00	38.00	50.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
72 FREMNT	500.00	600.00	646.00	760.00	0.00
SEGMENT CAPACITY LIBRARY					
73 DSTCT	141.00	268.00	335.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
74 BIGS2L	325.00	496.00	620.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
75 CSVL4C	141.00	268.00	335.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
76 CARD3D	430.00	860.00	1290.00	1717.00	0.00
SEGMENT CAPACITY LIBRARY					
77 CSVL4D	100.00	230.00	270.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
78 NUCLEAR	100.00	230.00	270.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
79 BSI_09	315.00	635.00	0.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
80 BSI_P	207.00	438.00	0.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
81 IGCCS	219.00	442.00	0.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
82 CCS	1175.00	1176.00	1177.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
83 PCS	60.00	200.00	235.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
84 COK1_11	500.00	800.00	1056.00	1251.00	0.00
SEGMENT CAPACITY LIBRARY					
85 CR_P					

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SEGMENT CAPACITY LIBRARY	500.00	800.00	1040.00	1232.00	0.00	0.00
86 RK_1 SEGMENT CAPACITY LIBRARY	500.00	800.00	1084.00	1266.00	0.00	0.00
87 RK1_B SEGMENT CAPACITY LIBRARY	500.00	800.00	1068.00	1266.00	0.00	0.00
88 RK_2 SEGMENT CAPACITY LIBRARY	300.00	440.00	500.00	0.00	0.00	0.00
89 RK_B SEGMENT CAPACITY LIBRARY	1105.00	1106.00	1107.00	0.00	0.00	0.00
90 TNR4_0 SEGMENT CAPACITY LIBRARY	1105.00	1106.00	1107.00	0.00	0.00	0.00
91 COK2_09 SEGMENT CAPACITY LIBRARY	1119.00	1120.00	1121.00	0.00	0.00	0.00
92 CK2_1011 SEGMENT CAPACITY LIBRARY	1209.00	1210.00	1211.00	0.00	0.00	0.00
93 COK2_12 SEGMENT CAPACITY LIBRARY	135.00	180.00	0.00	0.00	0.00	0.00
94 CK2_1314 SEGMENT CAPACITY LIBRARY	84.00	86.00	0.00	0.00	0.00	0.00
95 RHILLS SEGMENT CAPACITY LIBRARY	83.00	85.00	0.00	0.00	0.00	0.00
96 CEREDO SEGMENT CAPACITY LIBRARY	600.00	1089.00	1130.00	1256.00	0.00	0.00
97 DARRY SEGMENT CAPACITY LIBRARY	1171.00	1172.00	1173.00	0.00	0.00	0.00
98 MOUN10 SEGMENT CAPACITY LIBRARY	1080.00	1081.00	1082.00	0.00	0.00	0.00
99 COK1_12 SEGMENT CAPACITY LIBRARY	1282.00	1283.00	1284.00	0.00	0.00	0.00
100 COK1_13 SEGMENT CAPACITY LIBRARY	312.00	468.00	624.00	0.00	0.00	0.00
101 COK1_14 SEGMENT CAPACITY LIBRARY	265.00	400.00	531.00	0.00	0.00	0.00
102 USGPC SEGMENT CAPACITY LIBRARY	265.00	400.00	531.00	0.00	0.00	0.00
103 PC_R_CCS SEGMENT CAPACITY LIBRARY	231.00	341.55	386.10	429.00	0.00	0.00
104 PC_N_CCS SEGMENT CAPACITY LIBRARY	318.00	477.00	636.00	0.00	0.00	0.00
105 AM3_AP SEGMENT CAPACITY LIBRARY	270.00	406.00	541.00	0.00	0.00	0.00
106 IGGC SEGMENT CAPACITY LIBRARY	392.00	588.00	784.00	0.00	0.00	0.00

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APP 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 BS251	212.00	318.00	424.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
124 2X1GE7A	309.00	464.00	618.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
125 1X1GE7H	100.00	230.00	270.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
126 2X1GE7PA	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 MCI_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 RPI_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					



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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 KAVA 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 RH11S 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 GETFA 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 WTCC 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 CR21617	382.00	572.00	736.67	0.00	0.00
SEGMENT CAPACITY LIBRARY					
166 CR2_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 MW_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 GVD_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 AMO1_11	0.41	0.43	0.43	0.44
SEGMENT EMISSIONS DATA LIBRARY				
2 AMO2_11	0.40	0.41	0.42	0.43
SEGMENT EMISSIONS DATA LIBRARY				
3 AMO3_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 CLNR1_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 CLNR3_11	1.70	3.50	4.02	0.00
SEGMENT EMISSIONS DATA LIBRARY				
14 CSV3_11	3.69	8.84	11.13	0.00
SEGMENT EMISSIONS DATA LIBRARY				
15 CSV4_11	0.51	0.55	0.56	0.00
SEGMENT EMISSIONS DATA LIBRARY				
16 CSV5_11	2.96	4.65	5.19	0.00
SEGMENT EMISSIONS DATA LIBRARY				
17 CSV6_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 GINS_11	4.96	5.46	5.69	0.00
SEGMENT EMISSIONS DATA LIBRARY				
21 GINS6_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 KNWH1_11	2.14	5.69	6.33	0.00
SEGMENT EMISSIONS DATA LIBRARY				
26 KNWH2_11	1.97	4.96	5.49	0.00
SEGMENT EMISSIONS DATA LIBRARY				
27 SP3_SNGR	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 MTN_90%	0.69	0.76	0.77	0.79
SEGMENT EMISSIONS DATA LIBRARY				
30 MTCM1_11	0.44	0.47	0.48	0.51
SEGMENT EMISSIONS DATA LIBRARY				
31 MTCM2_11	0.42	0.44	0.46	0.48
SEGMENT EMISSIONS DATA LIBRARY				
32 MNTR_11				

4-Company East Optimization

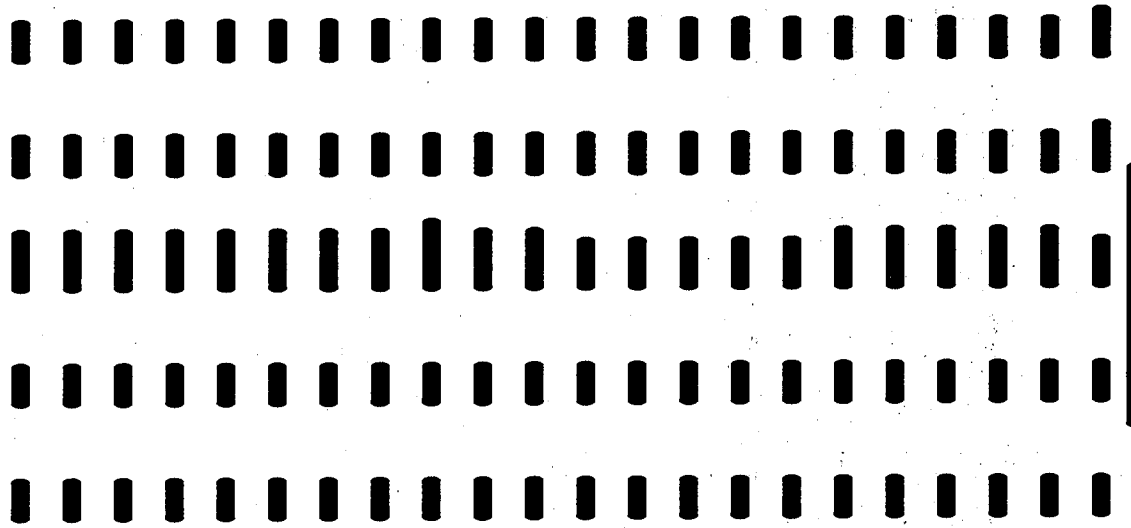
SEGMENT EMISSIONS DATA LIBRARY	0.61	0.61	0.62	0.64
33 MTNR_1 SEGMENT EMISSIONS DATA LIBRARY	0.59	0.68	0.68	0.71
34 MR1_11 SEGMENT EMISSIONS DATA LIBRARY	4.89	8.91	10.15	0.00
35 MR2_11 SEGMENT EMISSIONS DATA LIBRARY	3.77	6.56	7.42	0.00
36 MR3_11 SEGMENT EMISSIONS DATA LIBRARY	3.41	6.12	6.94	0.00
37 MR4_11 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

AEP 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	0.41	0.42	0.42	0.43
SEGMENT EMISSIONS DATA LIBRARY				
55 AM3_FGD	0.78	0.80	0.83	0.86
SEGMENT EMISSIONS DATA LIBRARY				
56 BS1_SNCR	2.32	3.86	4.36	0.00
SEGMENT EMISSIONS DATA LIBRARY				
57 BS2_FGD	0.40	0.40	0.40	0.39
SEGMENT EMISSIONS DATA LIBRARY				
58 CSV4_FGD	0.56	0.59	0.62	0.00
SEGMENT EMISSIONS DATA LIBRARY				
59 SP4_SNCR	1.59	2.41	2.73	0.00
SEGMENT EMISSIONS DATA LIBRARY				
60 CSV5_SCR	0.30	0.47	0.52	0.00
SEGMENT EMISSIONS DATA LIBRARY				
61 CSV6_SCR	0.29	0.45	0.51	0.00
SEGMENT EMISSIONS DATA LIBRARY				
62 GAV1_CCS	0.66	0.66	0.68	0.69
SEGMENT EMISSIONS DATA LIBRARY				
63 GAV2_FUP	0.68	0.68	0.70	0.71
SEGMENT EMISSIONS DATA LIBRARY				
64 GAV2_FUP	0.77	0.78	0.79	0.80
SEGMENT EMISSIONS DATA LIBRARY				
65 MRS_FGD	0.47	0.51	0.53	0.00
SEGMENT EMISSIONS DATA LIBRARY				
66 RP1_FGSC	0.33	0.35	0.35	0.35
SEGMENT EMISSIONS DATA LIBRARY				
67 RP2_FGSC	0.33	0.35	0.35	0.35
SEGMENT EMISSIONS DATA LIBRARY				
68 TC1_SNCR	1.68	2.14	2.35	0.00
SEGMENT EMISSIONS DATA LIBRARY				
69 TC2_SNCR	1.77	2.17	2.36	0.00
SEGMENT EMISSIONS DATA LIBRARY				
70 TC3_SNCR	1.87	2.57	2.78	0.00
SEGMENT EMISSIONS DATA LIBRARY				





1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 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 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

101

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 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 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

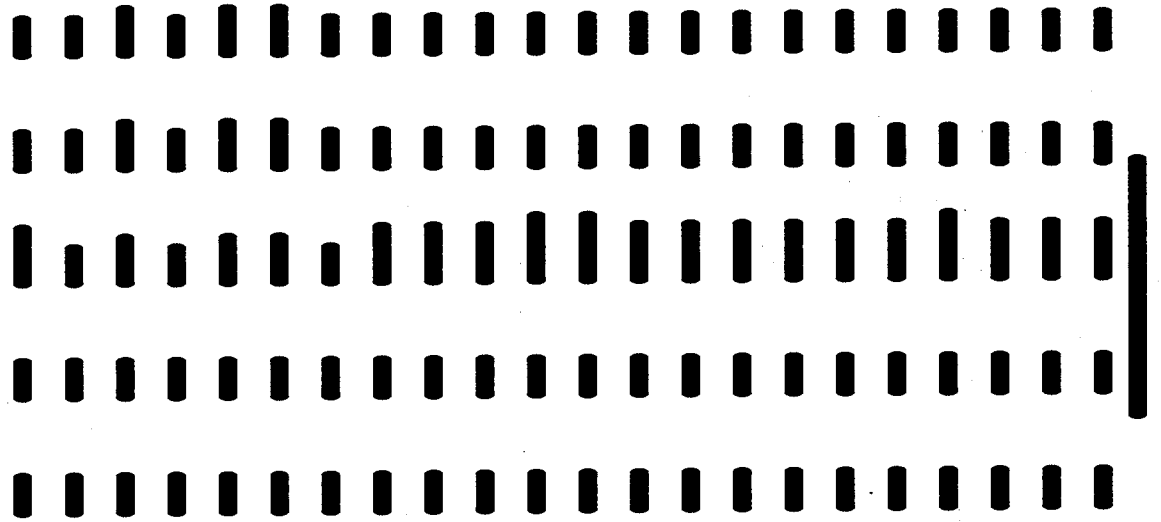
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (E)													
	AMOS 1	AMOS 2	AMOS_OP 3	BECKORD 6	BIG SAND 1	BIG SAND 2	CARD 1+2 1	AMOS 1	AMOS 2	AMOS_OP 3	BECKORD 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	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	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 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
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														
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
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 2012														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														
YEAR 2021														
YEAR 2022														

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

PERFUEENT THERMAL UNIT		1 SO2 (E)								
		15 CLIFFY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 GSVL 1-4 3		
----- YEAR 2011 -----	EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.86	0.78	0.00		
	EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.86	0.78	0.00		
	EMISSIONS DATA PROFILE	0	0	0	0	0	0	0		
----- YEAR 2012 -----	EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.84	0.76	0.00		
	EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.84	0.76	0.00		
----- YEAR 2013 -----	EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.87	0.77	0.00		
	EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.87	0.77	0.00		
----- YEAR 2014 -----	EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.87	0.78	0.00		
	EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.87	0.78	0.00		
----- YEAR 2015 -----	EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.76	0.67	0.00		
	EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.76	0.67	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.

REFUELER THERMAL UNIT	1 SO2 (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 2016		0.00	0.00	0.00	0.00	0.76	0.69	0.00
EMISSIONS DATA AT MAXIMUM		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	0.74	0.65	0.00
YEAR 2017		0.00	0.00	0.00	0.00	0.74	0.65	0.00
EMISSIONS DATA AT MAXIMUM		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	0.74	0.65	0.00
YEAR 2018		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2019		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2020		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2021		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2022		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2023		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2024		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2025		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2026		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2027		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2028		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2029		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2030		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2031		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2032		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2033		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2034		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2035		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2036		0.00	0.00	0.00	0.00	0.74	0.65	0.00
EMISSIONS DATA AT MAXIMUM		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	0.74	0.65	0.00
YEAR 2037		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2038		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2039		0.00	0.00	0.00	0.00	0.74	0.65	0.00
YEAR 2040		0.00	0.00	0.00	0.00	0.74	0.65	0.00

EFFLUENT THERMAL UNIT	1 SO2 (E)	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
YEAR 2011		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		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	-----
-----	YEAR 2027	-----
-----	YEAR 2028	-----
-----	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)

	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAWHA 1	37 KANAWHA 2
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

-----	YEAR 2011	-----
-----	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 (B)	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAWHA 1	37 KANAWHA 2
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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)	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 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	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								



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (B)	45 MOUNT_ER 1	46 MUSK_RVR 1	47 MUSK_RVR 2	48 MUSK_RVR 3	49 MUSK_RVR 4	50 MUSK_RVR 5	51 P_SPOBN 1
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	1 SO2 (B)	52 P_SPOBN 2	53 P_SPOBN 3	54 P_SPOBN 4	55 P_SPOBN 5	56 PICWAY 5	57 RPRFR_IM 1	58 RPRUN_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
YEAR 2011	0.00	0.00
YEAR 2012	0.00	0.00
YEAR 2013	0.00	0.00
YEAR 2014	0.00	0.00
YEAR 2015	0.00	0.00
YEAR 2016	0.00	0.00
YEAR 2017	0.00	0.00
YEAR 2018	0.00	0.00
YEAR 2019	0.00	0.00
YEAR 2020	0.00	0.00
YEAR 2021	0.00	0.00
YEAR 2022	0.00	0.00
YEAR 2023	0.00	0.00
YEAR 2024	0.00	0.00
YEAR 2025	0.00	0.00
YEAR 2026	0.00	0.00
YEAR 2027	0.00	0.00
YEAR 2028	0.00	0.00
YEAR 2029	0.00	0.00
YEAR 2030	0.00	0.00
YEAR 2031	0.00	0.00
YEAR 2032	0.00	0.00
YEAR 2033	0.00	0.00
YEAR 2034	0.00	0.00
YEAR 2035	0.00	0.00
YEAR 2036	0.00	0.00
YEAR 2037	0.00	0.00
YEAR 2038	0.00	0.00
YEAR 2039	0.00	0.00
YEAR 2040	0.00	0.00

EFFLUENT THERMAL UNIT	1 SO2 (B)	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TRANN 1-3 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								
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YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

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----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
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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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFUELER THERMAL UNIT	1 SO2 (E)	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTWONE 1	72 ROBTWONE 2	73 ROBTWONE 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	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	1 SO2 (E)	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6	81 DAREX 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								
YEAR 2021								
YEAR 2022								





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

EFFLUENT  
 THERMAL UNIT

	102	103	104	105	106	107	108
EMISSIONS DATA AT MAXIMUM	102	103	104	105	106	107	108
EMISSIONS DATA AT MINIMUM	UPC_NCCS 1	FC_UL_SU 1	UPC_RCCS 1	IGC_NCCS 1	IGCC GE 1	IGC_RCCS 1	CC 2X1FB 1
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 -----  
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 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----

NOTE: DATA 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	1 SO2 (E)	102 UPC_NCCS 1	103 PC_UT_SU 1	104 UPC_RCCS 1	105 IGC_NCCS 1	106 IGCC GE 1	107 IGC_RCCS 1	108 CC_2X1FB 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	1 SO2 (E)	109 CC_2X1FB 1	110 CC_1X17H 1	111 BS2_CC 1	114 CT_GE7FA 1	115 CT_GE7EA 1	124 BS2_RGD 2	125 BS1_RGD 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 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 2030								
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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 CSV5_SCR 5	127 CSV6_SCR 6	129 CR1_MGCC 1	130 CR2_MGCC 2	131 MR5_MGCC 5	132 MR5_RGD 5	133 RR1D_TM 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 2013	-----							
-----	YEAR 2014	-----							
-----	YEAR 2015	-----							
-----	YEAR 2016	-----							
-----	YEAR 2017	-----							
-----	YEAR 2018	-----							
-----	YEAR 2019	-----	0.00	0.02	0.02	0.00	0.00	0.00	0.00
-----	EMISSIONS DATA AT MAXIMUM	-----							
-----	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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1	SO2 (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 2011	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
EMISSIONS DATA AT MINIMUM	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 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
EPPURJENT									
THERMAL UNIT									
	162	163	164	165	166	168	169		
	CC_KPCCO	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	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
EMISSIONS DATA AT MINIMUM	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 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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)

	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 -----	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 = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (E)	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							
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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)	177	178	179	181	182	183	184
	IGCC OH	PC_UL_OH	NUKE OH	RPID_03	RPID_04	RPID_08	RPID_20	
YEAR 2011	0.00	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	0.00	0.00	0.00	0.00	0.09	0.12	0.12	
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								

	1	SO2 (E)																		
		186	187	188	189	190	191	201												
EFFLUENT		RP1TR_IM	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_TRONA	T4_TRCCR													
THERMAL UNIT		_1	_2	_1	_2	_4	_4													
----- YEAR 2011 -----																				
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	0.69	0.62	0.00	0.00	0.00												
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0												
----- YEAR 2012 -----																				
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.67	0.61	0.00	0.00	0.00												
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.67	0.61	0.00	0.00	0.00												
----- YEAR 2013 -----																				
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	0.70	0.62	0.00	0.00	0.00												
----- YEAR 2014 -----																				
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	0.70	0.62	0.00	0.00	0.00												
----- YEAR 2015 -----																				
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	0.61	0.54	0.00	0.00	0.00												
----- YEAR 2016 -----																				
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	0.61	0.55	0.00	0.00	0.00												
----- YEAR 2017 -----																				
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	0.59	0.52	0.00	0.00	0.00												
----- 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	187	188	189	190	191	201
RP1TR_IM	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_THROWA	T4_TRCCR			
1	1	2	1	2	4	4	4	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 -----

EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM

0.00	0.00	0.52	0.52	0.00	0.00	0.00	0.00
0.00	0.00	0.52	0.52	0.00	0.00	0.00	0.00

EFFLUENT  
THERMAL UNIT

1 SO2 (E)

EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE

223	224	228	229	230	231	232
MR_STRR1	MR_STRR2	AMS3_ST	BS2_ST	MRS_CF	MRS_ST	RPT1_CF
1	1	3	2	5	5	1
0.00	0.00	0.00	0.00	0.00	0.00	0.88
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 -----  
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 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----





----- 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 -----

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	1 SO2 (E)	278 CVL_3_I0 3	279 GLN_5_HM 5	280 GLN_5_I5 5	281 GLN_6_HM 6	282 GLN_6_I5 6	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								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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	1 SO2 (E)	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_I5 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								

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019
292	293	294	295	296	297	298	0.00	0.00	0.00	0.00	0.00
KWA_2_15	MSKRI_HM	MSKRI_12	MSKR2_HM	MSKR2_12	MSKR3_GP	MR3HM_12	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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
THERMAL UNIT

YEAR	1 SO2 (E)	292	293	294	295	296	297	298
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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	1 SO2 (E)	299	300	301	302	303	304	305
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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 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	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	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
YEAR 2026	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
YEAR 2028	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
YEAR 2030	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
YEAR 2032	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
YEAR 2034	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
YEAR 2036	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
YEAR 2038	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
YEAR 2040	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

EMISSIONS DATA AT MAXIMUM	306	307	308	309	310	311	312
EMISSIONS DATA AT MINIMUM	SP2_F_15	SP3_O_HM	SP3_O_15	SP4_O_HM	SP4_O_15	SP5_HM	SP5_15
EMISSIONS DATA PROFILE	2	3	3	4	4	5	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	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 = GAF.INPUT.THERMAL UNIT.

REFUELER THERMAL UNIT	1 S02 (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								

REFUELER THERMAL UNIT	1 S02 (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 S02 (E)	320	364	500	501	502	503	958
	RH11s_1 1	DURMAY_OP 0	DURMAY_TM 0	DURMAY_AP 0	DURMAY_KP 0	CC_REC0 958		
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	1 SO2 (E)	320	364	500	501	502	503	938
	RH11s_1	1	0	DUMMY_OP_0	DUMMY_IM_0	DUMMY_AP_0	DUMMY_KP_0	CC_KPCO_958
YEAR 2040								

EFFLUENT THERMAL UNIT	1 SO2 (E)	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 2011								

EMISSIONS DATA AT MAXIMUM	0.62	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
EMISSIONS DATA PROFILE	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
	EMISSIONS DATA AT MINIMUM	0.61 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2013	EMISSIONS DATA AT MAXIMUM	0.62	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.62 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2014	EMISSIONS DATA AT MAXIMUM	0.62	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.62 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2015	EMISSIONS DATA AT MAXIMUM	0.54	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.54 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2016	EMISSIONS DATA AT MAXIMUM	0.55	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.55 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2017	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2018	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2019	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2020	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2021	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2022	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2023	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2024	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2025	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2026	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2027	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2028	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2029	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2030	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2031	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2032	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2033	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2034	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2035	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2036	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2037	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2038	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2039	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

YEAR 2040	EMISSIONS DATA AT MAXIMUM	0.52	0.00	0.00	0.00	0.00	0.00	0.00
	EMISSIONS DATA AT MINIMUM	0.52 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td></td>	0.00 <td>0.00 <td>0.00 <td>0.00 </td></td></td>	0.00 <td>0.00 <td>0.00 </td></td>	0.00 <td>0.00 </td>	0.00

EFFLUENT THERMAL UNIT	1 SO2 (E)	966	967	968	969	970	971	972
	RP1D_KP_966	BS2_FGD_967	CR2_NGCC_968	CRI_NGCC_969	MR5_NGCC_970	DUMMY_OP_971	DUMMY_OP_972	

EMISSIONS DATA AT MAXIMUM	0.10	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
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0

YEAR 2011	EMISSIONS DATA AT MAXIMUM	0.10	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
	EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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.

REFUELER THERMAL UNIT	1 SO2 (E)													
	973	974	975	976	977	978	979	980	981	982	983	984	985	986
	DUMMY_OP 973	DUMMY_OP 974	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 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
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	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 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
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	1 SO2 (E)													
	980	981	982	983	984	985	986							
	DUMMY_OP 980	DUMMY_OP 981	DUMMY_OP 982	DUMMY_OP 983	DUMMY_OP 984	DUMMY_OP 985	DUMMY_OP 986							
YEAR 2011	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

1 SO2 (E)

	987 DUMKY_OP 987	988 DUMKY_OP 988	989 DUMKY_OP 989	990 DUMKY_OP 990	991 DUMKY_OP 991	992 DUMKY_OP 992	993 DUMKY_OP 993
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 -----

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 -----

EFFLUENT THERMAL UNIT	2 CO2 (S)	AMOS 1	AMOS 2	AMOS_OP 3	BECKORD 4	BIG SAND 1	BIG SAND 2	CARD 1+2 7
EMISSIONS DATA AT MAXIMUM		208.40	208.40	208.40	205.30	205.30	205.30	209.93
EMISSIONS DATA AT MINIMUM		208.40	208.40	208.40	205.30	205.30	205.30	209.93
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0

----- YEAR 2011 -----  
 ----- 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.



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 BECKJORD	5 BIG SAND	6 BIG SAND	7 CARD 1+2
YEAR 2024		1	2	3	4	5	6	7
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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 2024  
YEAR 2025  
YEAR 2026  
YEAR 2027  
YEAR 2028  
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)	8 CARD 1+2	9 CARD 3	10 CLIFFY 1	11 CLIFFY 2	12 CLIFFY 3	13 CLIFFY 4	14 CLIFFY 5
	2	3	1	2	3	4	5

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

209.93	205.45	0.00	0.00	0.00	0.00	0.00	0.00
209.93	205.45	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0

YEAR 2012  
EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM

209.93	209.93	0.00	0.00	0.00	0.00	0.00	0.00
209.93	209.93	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



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GEN.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKE KP 1	20 ROCKE KP 2	21 CSVL 1-4 3
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	2 CO2 (S)	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
YEAR 2011								
EMISSIONS DATA AT MAXIMUM	208.40	210.66	210.66	0.00	0.00	205.82	205.82	205.82
EMISSIONS DATA AT MINIMUM	208.40	210.66	210.66	0.00	0.00	205.82	205.82	205.82
EMISSIONS DATA PROFILE	0	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	206.11
EMISSIONS DATA AT MINIMUM	208.40	210.66	210.66	0.00	0.00	206.11	206.11	206.11
YEAR 2013								
EMISSIONS DATA AT MAXIMUM	208.40	210.66	210.66	0.00	0.00	205.30	205.30	205.30
EMISSIONS DATA AT MINIMUM	208.40	210.66	210.66	0.00	0.00	205.30	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 GEN LYN 5	30 GEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAWHA 1	37 KANAWHA 2
YEAR 2011								

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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.



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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 -----

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EMISSIONS DATA AT MAXIMUM	2 CO2 (S)	52	53	54	55	56	57	58
EMISSIONS DATA AT MINIMUM	P SPORN	205.30	205.30	205.30	205.30	205.30	211.74	211.74
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0

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

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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 = GAP.INPUT.THERMAL UNIT.

REFUELER THERMAL UNIT	2 CO2 (S)	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRRT_IM 1	58 RPRUN_IM 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								

REFUELER  
THERMAL UNIT

2 CO2 (S)

ROCKE_IM 2	59 STUART 1	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TRANN 1-3 1
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YEAR 2011	211.74	209.93	209.93	209.93	209.93	208.40	205.30
EMISSIONS DATA AT MAXIMUM	211.74	209.93	209.93	209.93	209.93	208.40	205.30
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	2032	2033	2034	2035	2036	2037	2038	2039	2040
EMISSIONS DATA AT MAXIMUM	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	205.30	205.30	205.30	211.22	208.60	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	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2012	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2013	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2014	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2015	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2016	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2017	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2018	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2019	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2020	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2021	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2022	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2023	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2024	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2025	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2026	205.30	205.30	205.30	211.22	208.60	0.00	0.00	0.00	0.00	0.00
YEAR 2027	205.30	205.30	205.30	211.22	208.60	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	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	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								

4-Company East Optimization

EFFLUENT THERMAL UNIT	2 CO2 (S)	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 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								

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.

REFUELED THERMAL UNIT	2 CO2 (S)	82	83	84	85	86	87	88
YEAR 2038								
YEAR 2039								
YEAR 2040								
DARBY 2		DARBY 3	DARBY 4	DARBY 5	DARBY 6	LMBG WIN 1	LMBG WIN 2	

REFUELED THERMAL UNIT	2 CO2 (S)	89	90	91	92	93	94	101
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
LMBG SMR 1		LMBG SMR 2	WATR CC 1	WATR2 1	DRESDEN 1	DRESD2 1	NUCLEAR 1	

REFUELED THERMAL UNIT	2 CO2 (S)	102	103	104	105	106	107	108
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
UFG_NCCS 1		FG_UL_SU 1	UFG_RCCS 1	IGC_NCCS 1	IGCC GR 1	IGC_RCCS 1	CC 2X1FB 1	
EMISSIONS DATA AT MAXIMUM	20.53	205.30	205.30	20.53	205.30	205.30	0.00	
EMISSIONS DATA AT MINIMUM	20.53	205.30	205.30	20.53	205.30	205.30	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)	109	110	111	114	115	124	125
	CC 2xLFA	CC 1x17H	BS2_CC	CF GE7FA	CF GE7BA	BS2_FGD	BS1_FGD	
YEAR 2013	1	1	1	1	1	2	1	
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								

EFFLUENT THERMAL UNIT	2 CO2 (S)	126	127	129	130	131	132	133
	CSV5_SCR	CSV6_SCR	CRI_NGCC	CR2_NGCC	MRS_NGCC	MRS_FGD	RP1D_IM	
YEAR 2011	5	6	1	2	5	5	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								

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

EFFICIENT  
THERMAL UNIT

2 CO2 (S)

RP2D_IM	TANA_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
212.58	212.03	212.58	212.58	211.22	20.52	20.52
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 -----

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

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)	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 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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 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		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	2036	2037	2038	2039	2040	Emissions Data Profile						
Year	2036	2037	2038	2039	2040	155	156	157	158	159	160	161
Year	2036	2037	2038	2039	2040	CT_OHTO	CC_OH	CT_1&M	CC_1&M	CT_APCO	CC_APCO	CT_KPCO
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
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
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

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 1	CC_OH 1	CT_I&M 1	CC_I&M 1	CT_APCO 1	CC_APCO 1	CT_KPCCO 1	
YEAR 2033								
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_KPCCO 1	BS2_FGD 1	BS2_FGD 5	BS2_FGD 22	BS2_FGD 23	IGCC_AP 1	PC_UL_AP 1	
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
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YEAR 2040								

EFFLUENT THERMAL UNIT	2 CO2 (S)	170	171	172	173	174	175	176
	Nuke_AP 1	IGCC_IM 1	PC_UL_IM 1	NUKE_IM 1	IGCC_KP 1	PC_UL_KP 1	NUKE_KP 1	
YEAR 2011								
YEAR 2012								
YEAR 2013								
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YEAR 2040								

EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE

YEAR 2011	0.00	205.30	205.30	0.00	205.30	205.30	0.00	205.30
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----- 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 (S)	177 IGCC OH 1	178 PC_UH_OH 1	179 NUKE OH 1	181 RP1D_03 1	182 RP1D_04 1	183 RP1D_08 1	184 RP1D_20 1
YEAR 2011		205.30	205.30	0.00	212.58	212.58	212.58	212.58
EMISSIONS DATA AT MAXIMUM		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
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								
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YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	2 CO2 (S)	186 RP1TR_1M 1	187 RP2TR_1M 2	188 RP1TR_KP 1	189 RP2TR_KP 2	190 T4_TRONA 4	191 T4_TROCR 4	201 201 0
YEAR 2011		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	211.22	211.22	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	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	187.49	186.10	202.14	184.63	207.41											
EMISSIONS DATA AT MINIMUM	0.00	0.00	187.49	186.10	202.14	184.63	207.41											
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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
THERMAL UNIT

YEAR	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
2 CO2 (S)	223	224	228	229	230	231	232	233	234	235	251	252	253	254
MR_STKR1	1	1	3	2	5	5	5	5	1	2	1	1	1	1
MR_STKR2														
AMS3_SI														
BS2_SI														
MRS_CF														
MRS_SI														
RPT1_CF														

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
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 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

YEAR	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
2 CO2 (S)	233	234	235	251	252	253	254	207.41	190.41	190.41	190.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RPT2_CF	2	1	2	1	1	1	1	207.41	190.41	190.41	190.41	0	0	0	0	0	0	0	0	0	0	0	0	0
RPT1_SI																								
RPT2_SI																								
DC1_HPR																								
DC1_IS																								
DC1_BFP																								
DC1_I7																								

EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE

----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
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 ----- YEAR 2019 -----  
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 ----- YEAR 2030 -----  
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 ----- YEAR 2032 -----



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)	DC1_3800 1	DC2_HFT 2	DC2_EFF 2	DC2_SPU 2	DC2_3800 2	BIGSD_15 1	BIGSD_GP 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	2 CO2 (S)	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		271	272	273	274	275	276	277
EMISSIONS DATA AT MAXIMUM	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
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
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YEAR 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)	278	279	280	281	282	283	284
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

2	CO2 (S)	299	300	301	302	303	304	305
	MSR4_GP	M4HM_12	PICWY_HM	PICWY_GP	SP1_F_HM	SP1_F_1S	SP2_F_HM	
	4	4	5	5	1	1	2	

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

2 CO2 (S) 306 307 308 309 310 311 312  
 SP2\_F\_1S 2 SP3\_Q\_HM 3 SP3\_Q\_1S 3 SP4\_Q\_HM 4 SP4\_Q\_1S 4 SP5\_HM 5 SP5\_1S 5

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

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
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 ----- YEAR 2028 -----

YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 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		
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		
EMISSIONS DATA PROFILE	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

EFFLUENT  
THERMAL UNIT

2 CO2 (S)

313	314	315	316	317	318	319
TNR_F_HM 1	TNR_F_I5 1	TNR_F_HM 2	TNR_F_I5 2	TNR_F_HM 3	TNR_F_I5 3	PW_GP_I5 5

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)												
	313 TNR_F_HM 1	314 TNR_F_I5 1	315 TNR_F_HM 2	316 TNR_F_I5 2	317 TNR_F_HM 3	318 TNR_F_I5 3	319 PW_GP_I5	500 RHILLS 1	501 DUMMY_OP 0	502 DUMMY_IM 0	503 DUMMY_AP 0	503 DUMMY_KP 0	958 CC_KPCO 958
YEAR 2026													
YEAR 2027													
YEAR 2028													
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 2011								116.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012								116.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013								320	364	500	501	502	503
YEAR 2014								RHILLS 1	0	DUMMY_OP 0	DUMMY_IM 0	DUMMY_AP 0	CC_KPCO 958
YEAR 2015								1	0	0	0	0	958
YEAR 2016													
YEAR 2017													
YEAR 2018													
YEAR 2019													
YEAR 2020													
YEAR 2021													
YEAR 2022													
YEAR 2023													
YEAR 2024													
YEAR 2025													
YEAR 2026													
YEAR 2027													
YEAR 2028													
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		2 CO2 (S)		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																					
		212.58	212.58	210.66	210.66	0.00	0.00	212.58																					
		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 = GAR.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)	959	960	961	962	963	964	965
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
RP2D_KP_959	RP2D_IM_960	CSV6_SCR_961	CSV5_SCR_962	DUMMY_OP_963	DUMMY_OP_964	RPID_O3_965		

EFFLUENT THERMAL UNIT	2 CO2 (S)	966	967	968	969	970	971	972
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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_KP_966	BS2_RGD_967	CR2_NGCC_968	CR1_NGCC_969	MRS_NGCC_970	DUMMY_OP_971	DUMMY_OP_972		

EFFLUENT THERMAL UNIT	2 CO2 (S)	973	974	975	976	977	978	979
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
DUMMY_OP_973	DUMMY_OP_974	DUMMY_OP_975	DUMMY_OP_976	DUMMY_OP_977	DUMMY_OP_978	DUMMY_OP_979		

----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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)	
	DUMMY OP	DUMMY OP
980	980	980
981	981	981
982	982	982
983	983	983
984	984	984
985	985	985
986	986	986

EMISSIONS DATA AT MAXIMUM EMISSIONS DATA AT MINIMUM EMISSIONS DATA PROFILE	2 CO2 (S)	
	DUMMY OP	DUMMY OP
0.00	0.00	0.00
0.00	0.00	0.00
0	0	0

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





YEAR	2 CO2 (S)	994 DUMKV_OP 994	995 DUMKV_OP 995	996 T4_TROVA 996	997 RP2TR_KP 997	998 RP2TR_TM 998	999 DUMKV_OP 999
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
EFFLUENT							
THERMAL UNIT							
YEAR 2011							
EMISSIONS DATA AT MAXIMUM							
EMISSIONS DATA AT MINIMUM							
EMISSIONS DATA PROFILE							
YEAR 2012		0.00	0.00	211.22	211.74	211.74	0.00
YEAR 2013		0	0	211.22	211.74	211.74	0.00
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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)
YEAR 2022	
YEAR 2023	
YEAR 2024	
YEAR 2025	
YEAR 2026	
YEAR 2027	
YEAR 2028	
YEAR 2029	
YEAR 2030	
YEAR 2031	
YEAR 2032	
YEAR 2033	
YEAR 2034	
YEAR 2035	
YEAR 2036	
YEAR 2037	
YEAR 2038	
YEAR 2039	
YEAR 2040	

994	995	996	997	998	999
DUMMY_OP 994	DUMMY_OP 995	T4_TRONA 996	RP2TR_KP 997	RP2TR_IM 998	DUMMY_OP 999

EFFLUENT THERMAL UNIT	3 CO2 (G)
YEAR 2011	
YEAR 2012	
YEAR 2013	
YEAR 2014	
YEAR 2015	
YEAR 2016	
YEAR 2017	
YEAR 2018	
YEAR 2019	
YEAR 2020	
YEAR 2021	
YEAR 2022	
YEAR 2023	
YEAR 2024	
YEAR 2025	
YEAR 2026	
YEAR 2027	
YEAR 2028	
YEAR 2029	
YEAR 2030	
YEAR 2031	
YEAR 2032	
YEAR 2033	
YEAR 2034	
YEAR 2035	
YEAR 2036	
YEAR 2037	
YEAR 2038	
YEAR 2039	
YEAR 2040	

AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 1	BIG SAND 2	CARD 1+2 7
0.00	0.00	0.00	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

EMISSIONS DATA AT MAXIMUM
YEAR 2011
YEAR 2012
YEAR 2013
YEAR 2014
YEAR 2015
YEAR 2016
YEAR 2017
YEAR 2018
YEAR 2019
YEAR 2020
YEAR 2021
YEAR 2022
YEAR 2023
YEAR 2024
YEAR 2025
YEAR 2026
YEAR 2027
YEAR 2028
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	3 CO2 (G)													
	CARD 1+2	CARD 3	CLIFTY 1	CLIFTY 2	CLIFTY 3	CLIFTY 4	CLIFTY 5	CLIFTY 1	CLIFTY 2	CLIFTY 3	CLIFTY 4	CLIFTY 5	CLIFTY 1	CLIFTY 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	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 2012														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
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 = GAP.INPUT.THERMAL UNIT.

REFUELER 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								

REFUELER 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								

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	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	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
YEAR 2026	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
YEAR 2028	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
YEAR 2030	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
YEAR 2032	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
YEAR 2034	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
YEAR 2036	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
YEAR 2038	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
YEAR 2040	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

REFUELER 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 AT MAXIMUM  
EMISSIONS DATA AT MINIMUM

4-Company Best Optimization

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 -----						
----- 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:

PERIODENT THERMAL UNIT	3 CO2 (G)		30		33		34		35		36		37	
	GLEN LYN 5	29	GLEN LYN 6	30	KAWWER 1	33	KAWWER 2	34	KAWWER 3	35	KANAWHA 1	36	KANAWHA 2	37
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
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	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 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
YEAR 2030														
YEAR 2031														
YEAR 2032														
YEAR 2033														
YEAR 2034														
YEAR 2035														
YEAR 2036														
YEAR 2037														
YEAR 2038														
YEAR 2039														
YEAR 2040														

PERIODENT THERMAL UNIT	3 CO2 (G)		38		39		40		41		42		43		44	
	KYGER 1	38	KYGER 2	39	KYGER 3	40	KYGER 4	41	KYGER 5	42	MITCHELL 1	43	MITCHELL 2	44	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	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	
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EMISSIONS DATA PROFILE																

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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	P
	ER	RVR	RVR	RVR	RVR	RVR	SPOEM
	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 -----

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	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
1	1	2	3	4	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

3 CO2 (G)	52	53	54	55	56	57	58
P SPORN	P SPORN	P SPORN	P SPORN	P SPORN	PIGWAY	RPRRF_IM	RPRUN_IM
2	3	4	5	5	5	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							

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
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							



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1
YEAR 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 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3
YEAR 2011								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	118.85	118.85	118.85
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	118.85	118.85	118.85
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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	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 = GAR.INPUT.THERMAL UNIT.

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	YEAR 2039	YEAR 2040	
EFFLUENT THERMAL UNIT	3 CO2 (G)																														
	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBX 1	DARBX 2	DARBX 3	DARBX 4	DARBX 5	DARBX 6	LMBG WIN 1	LMBG WIN 2																	
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	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	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	0	

EFFLUENT THERMAL UNIT	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018
EFFLUENT THERMAL UNIT	3 CO2 (G)							
	LMBG SMR 1	LMBG SMR 2	WATR CC 1	WATR2 1	DRESDEN 1	DRESD2 1	NUCLEAR 1	
EMISSIONS DATA AT MAXIMUM		116.00	116.00	118.85	116.00	116.00	116.00	0.00
EMISSIONS DATA AT MINIMUM		116.00	116.00	118.85	116.00	116.00	116.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0

YEAR	102	103	104	105	106	107	108
	UPC_NCCS	PC_UL_SU	UPC_RCCS	IGC_NCCS	IGCC GE	IGC_RCCS	CC 2X1FB
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
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	0.00	0.00	0.00	116.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	116.00
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.

EFFLUENT THERMAL UNIT	3 CO2 (G)	102 UPC_NCCS 1	103 FC_UL_SU 1	104 UPC_RCCS 1	105 IGC_NCCS 1	106 IGCC_GE 1	107 IGC_RCCS 1	108 CC_2X1FB 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								

EFFLUENT THERMAL UNIT	3 CO2 (G)	109 CC_2X1FA 1	110 CC_1X1TH 1	111 BS2_CC 1	114 CT_GE7FA 1	115 CT_GE7EA 1	124 BS2_FGD 2	125 BS1_FGD 1
YEAR 2011								
EMTSIONS DATA AT MAXIMUM	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
EMTSIONS DATA AT MINIMUM	116.00	116.00	116.00	116.00	116.00	116.00	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 2028

YEAR	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
EMISSIONS DATA AT MAXIMUM	126	127	129	130	131	132	133					
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.



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

YEAR	3 CO2 (G)	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 2026								
YEAR 2027								
YEAR 2028								
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	3 CO2 (G)	134	135	136	137	144	145	146
	RP2D_IM	TAN4_FGD	RP1D_KP	RP2D_KP	TC4_ESP	A390# AP	A390# RP	A390# RP
	2	4	1	2	4	3	3	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
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								

YEAR	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	3 CO2 (G)	147	148	149	150	151	153	154
EFFLUENT	THERMAL UNIT	MIN_90%	RPT1_90%	RPT2_90%	GVL_90%	GV2_90%	MTN_18%	CC_FA_KP	
EMISSIONS DATA AT MAXIMUM	EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	116.00	
EMISSIONS DATA PROFILE	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 = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT		3 CO2 (G)									
YEAR	UNIT	147	148	149	150	151	153	154	155	156	157
		MTN_90%	RPT1_90%	RPT2_90%	GV1_90%	GV2_90%	MTN_18%	CC_FA_KP	CT_OHIO	CC_OH	CT_I&M
YEAR 2036		1	1	2	1	2	1	1	1	1	1
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

EFFLUENT THERMAL UNIT		3 CO2 (G)									
YEAR	UNIT	155	156	157	158	159	160	161	162	163	164
		CT_OHIO	CC_OH	CT_I&M	CC_I&M	CT_ARCO	CC_ARCO	CT_KPCO	CC_KPCO	BS2_FGD	BS2_FGD
YEAR 2011		1	1	1	1	1	1	1	1	1	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											

EFFLUENT THERMAL UNIT		3 CO2 (G)									
YEAR	UNIT	162	163	164	165	166	168	169	170	171	172
		CC_KPCO	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	IGCC AP	PC_UL_AP	CC_KPCO	BS2_FGD	BS2_FGD
YEAR 2011		1	1	5	22	23	1	1	1	1	1
YEAR 2012											
YEAR 2013											
YEAR 2014											

EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE

116.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00  
116.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00  
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 -----

EMISSIONS DATA AT MAXIMUM	3 CO2 (G)	170	171	172	173	174	175	176
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	0.00	0.00	0.00	0.00	0.00	0.00
		0	0	0	0	0	0	0

REFUELED THERMAL UNIT

NUKE\_A1 IGCC\_I1 PC\_UL\_I1 NUKE\_I1 IGCC\_KP1 PC\_UL\_KP1 NUKE\_KP1

3 CO2 (G)

170 171 172 173 174 175 176

0.00 0.00 0.00 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

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)	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	176 NUKE_KP 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	3 CO2 (G)	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 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

3 CO2 (G)

	186	187	188	189	190	191	201
	RP1TR_IM	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_FROMA	T4_TRCCR	
	1	2	1	2	4	4	0
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
 ----- 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.

EFFLUENT 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								

EFFLUENT THERMAL UNIT	3 CO2 (G)	223 MR_STR1 1	224 MR_STR2 1	228 AMS3_SI 3	229 BS2_SI 2	230 MR5_CF 5	231 MR5_SI 5	232 RP11_CF 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	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		
EFFLUENT THERMAL UNIT																													
3 CO2 (G)																													
							RPT2_CF 2	RPT1_SI 1	RPT2_SI 2	DC1_HPR 1	DC1_IS 1	DC1_EFF 1	DC1_I17 1																
EMISSIONS DATA AT MAXIMUM							233	234	235	251	252	253	254																
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 = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)	RPT2_CF 2	RPT1_SI 1	RPT2_ST 2	DC1_HPF 1	DC1_IS 1	DC1_EPF 1	DC1_IL7 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)	DC1_3800 1	DC2_HPF 2	DC2_EPF 2	DC2_SPU 2	DC2_3800 2	BIGSD_15 1	BIGSD_GP 1
YEAR 2011								
EMISSIONS DATA AT MAXIMUM	255	257	258	259	260	269	270	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
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YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	3 CO2 (G)	DC1_3800 1	DC2_HPF 2	DC2_EPF 2	DC2_SPU 2	DC2_3800 2	BIGSD_15 1	BIGSD_GP 1
YEAR 2011								
EMISSIONS DATA AT MAXIMUM	271	272	273	274	275	276	277	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
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YEAR 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								

4-Company Past Optimization

EMISSIONS DATA PROFILE	0	0	0	0	0	0
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
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----- YEAR 2030 -----						
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----- 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.

EPFLUENT THERMAL UNIT	3 CO2 (G)	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	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 2031								
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YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
EPFLUENT THERMAL UNIT	3 CO2 (G)	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	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 2037 -----  
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 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

3 CO2 (G)

	292	293	294	295	296	297	298
	KWA_2_15	MSKR1_HM	MSKR1_I2	MSKR2_HM	MSKR2_I2	MSKR3_GP	WR3HM_I2
	2	1	1	2	2	3	3
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFITE	0	0	0	0	0	0	0

----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
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 ----- 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)	292	293	294	295	296	297	298
KMA_2_15	MSKR1_HM	MSKR1_12	MSKR2_HM	MSKR2_12	MSKR3_GP	MR3HM_12	
2	1	1	2	2	3	3	

YEAR 2020 -----  
 YEAR 2021 -----  
 YEAR 2022 -----  
 YEAR 2023 -----  
 YEAR 2024 -----  
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 YEAR 2031 -----  
 YEAR 2032 -----  
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 YEAR 2036 -----  
 YEAR 2037 -----  
 YEAR 2038 -----  
 YEAR 2039 -----  
 YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

3 CO2 (G)	299	300	301	302	303	304	305
MSKR4_GP	MAHM_12	PICWY_HM	PICWY_GP	SPL_F_HM	SPL_F_15	SP2_F_HM	
4	4	5	5	1	1	2	

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
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 2020 -----  
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 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	306	307	308	309	310	311	312	
YEAR 2012	SP2_F_15	SP3_O_HM	SP3_O_15	SP4_O_HM	SP4_O_15	SP5_HM	SP5_15	
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	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 = GAF.INPUT.THERMAL UNIT.

REFUELER THERMAL UNIT	3 CO2 (G)	306 SP2_F_15	307 SP3_Q_HM	308 SP3_Q_15	309 SP4_Q_HM	310 SP4_Q_15	311 SP5_HM	312 SP5_15
YEAR 2030		306	307	308	309	310	311	312
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)	313 TNR_F_HM	314 TNR_F_15	315 TNR_F_HM	316 TNR_F_15	317 TNR_F_HM	318 TNR_F_15	319 FW_GP_15
YEAR 2011		313	314	315	316	317	318	319
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								
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YEAR 2038								
YEAR 2039								
YEAR 2040								

REFUELER THERMAL UNIT	3 CO2 (G)	320 RHILLS_1	364	500 DUMAY_DP	501 DUMAY_TM	502 DUMAY_AP	503 DUMAY_KP	958 CC_KPCO
YEAR 2011		320	364	500	501	502	503	958
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
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YEAR 2036								
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YEAR 2038								
YEAR 2039								
YEAR 2040								





AEP 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	1	0	DUMMY_OP_0	DUMMY_IM_0	DUMMY_AP_0	DUMMY_KP_0	CC_KFCO_958
YEAR 2040								
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_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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
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YEAR 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)	966	967	968	969	970	971	972
	RPID_KP_966	BS2_FGD_967	CR2_NGCC_968	CRI_NGCC_969	MRS_NGCC_970	DUMMY_OP_971	DUMMY_OP_971	DUMMY_OP_972
EMISSIONS DATA AT MAXIMUM	0.00	0.00	116.00	116.00	116.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	116.00	116.00	116.00	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 -----  
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 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT 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
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 -----

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)	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
YEAR 2011	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

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

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
	987	988	989	990	991	992	993
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
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 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----

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

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)									
	987	988	989	990	991	992	993	994	995	996
YEAR 2026	DUMMY_OP 987	DUMMY_OP 988	DUMMY_OP 989	DUMMY_OP 990	DUMMY_OP 991	DUMMY_OP 992	DUMMY_OP 993	DUMMY_OP 994	DUMMY_OP 995	DUMMY_OP 996
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	3 CO2 (G)									
	994	995	996	997	998	999	1000	1001	1002	1003
EMISSIONS DATA AT MAXIMUM	DUMMY_OP 994	DUMMY_OP 995	T4_TRONA 996	RP2TR_KP 997	RP2TR_IM 998	DUMMY_OP 999	DUMMY_OP 1000	DUMMY_OP 1001	DUMMY_OP 1002	DUMMY_OP 1003
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	0.00	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
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	0	0	0	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0	0	0	0



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	CARD 3	CLIFFY 1	CLIFFY 2	CLIFFY 3	CLIFFY 4	CLIFFY 5
YEAR 2011	8	9	10	11	12	13	14
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.49	0.52	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	9	10	0	0	0	0	0
YEAR 2012	0.49	0.51	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	9	52	0	0	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							

4-Company East Optimization

YEAR 2039	YEAR 2040	4 NOX (B)	15	16	17	18	19	20	21
EPFLOENT THERMAL UNIT		CLIFFY 6	CLINCH R 1	CLINCH R 2	CLINCH R 3	ROCKP_KP 1	ROCKP_KP 2	CSVL 1-4	
YEAR 2011	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	1.99	2.01	1.96	1.84	1.84	4.10	
EMISSIONS DATA AT MINIMUM	0	0	11	12	13	45	46	14	
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									

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)	15	16	17	18	19	20	21
YEAR 2036	CLIFTY 6	CLINCH R 1	CLINCH R 2	CLINCH R 3	ROCKP_KP 1	ROCKP_KP 2	CSVL 1-4 3	
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

REFUELT 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								

REFUELT 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)	38	39	40	41	42	43	44
	KYGER	1	2	3	4	5	MITCHELL 1	MITCHELL 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	0.51	0.47
EMISSIONS DATA PROFILE		0	0	0	0	0	30	31

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.

EPFLUENT  
THERMAL UNIT  
-----  
YEAR 2012 -----  
YEAR 2013 -----  
YEAR 2014 -----  
YEAR 2015 -----  
YEAR 2016 -----  
YEAR 2017 -----  
YEAR 2018 -----  
YEAR 2019 -----  
YEAR 2020 -----  
YEAR 2021 -----  
YEAR 2022 -----  
YEAR 2023 -----  
YEAR 2024 -----  
YEAR 2025 -----  
YEAR 2026 -----  
YEAR 2027 -----  
YEAR 2028 -----  
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)  
-----  
38 KYGER 39 KYGER 40 KYGER 41 KYGER 42 KYGER 43 MITCHELL 44 MITCHELL  
1 2 3 4 5 1 2

EPFLUENT  
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 -----  
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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 -----

4 NOX (B)

45	46	47	48	49	50	51
MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
1	1	2	3	4	5	1
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.70	5.80	4.60	5.38	3.31	0.57	2.79
.33	34	35	36	37	38	39

EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE  
-----  
YEAR 2014 -----  
YEAR 2015 -----  
YEAR 2016 -----  
YEAR 2017 -----  
YEAR 2018 -----  
YEAR 2019 -----  
YEAR 2020 -----  
YEAR 2021 -----  
YEAR 2022 -----  
YEAR 2023 -----  
YEAR 2024 -----

EMISSIONS DATA PROFILE  
-----  
YEAR 2014 -----  
YEAR 2015 -----  
YEAR 2016 -----  
YEAR 2017 -----  
YEAR 2018 -----  
YEAR 2019 -----  
YEAR 2020 -----  
YEAR 2021 -----  
YEAR 2022 -----  
YEAR 2023 -----  
YEAR 2024 -----

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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	RRPT_TM	RPRN_TM
	2	3	4	5	5	1	1
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	2.67	2.81	2.87	2.68	8.40	1.84	1.84
EMISSIONS DATA PROFILE	40	41	42	43	44	45	45
----- YEAR 2012 -----	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 = GAF.INPUT.THERMAL.UNIT.

4 NOX (B)	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 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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)	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  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 0.00 1.15 1.17 1.15 1.27 0.00 0.00  
 1.84 1.15 1.17 1.15 1.27 0.67 3.12  
 46 0 0 0 0 3 68

----- YEAR 2012 -----  
 EMISSIONS DATA AT MINIMUM  
 1.84 1.15 1.17 1.15 1.27 0.67 2.39

----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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)						
								TANN 1-3	TANN 1-3	TANN 4	ZTIMER	ROBTMONE	ROBTMONE	ROBTMONE
								2	3	4	1	1	2	3
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.28	0.28	0.28
EMISSIONS DATA AT MINIMUM	3.06	3.00	3.00	3.00	3.00	3.00	3.00	2.70	2.70	2.07	0.28	0.28	0.28	0.28
EMISSIONS DATA PROFILE	69	70	51	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011														
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.28	0.27	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.73	2.73	2.73	2.73	2.70	2.70	2.07	2.07	0.28	0.28	0.27	0.28
YEAR 2012														
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.28	0.27	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.73	2.73	2.73	2.73	2.70	2.70	2.07	2.07	0.28	0.28	0.27	0.28
YEAR 2013														
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.28	0.27	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.73	2.73	2.73	2.73	2.70	2.70	2.07	2.07	0.28	0.28	0.27	0.28
YEAR 2014														
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.28	0.27	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.73	2.73	2.73	2.73	2.70	2.70	2.07	2.07	0.28	0.28	0.27	0.28
YEAR 2015														
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.28	0.27	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.73	2.73	2.73	2.73	2.70	2.70	2.07	2.07	0.28	0.28	0.27	0.28
YEAR 2016														
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.28	0.27	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.73	2.73	2.73	2.73	2.70	2.70	2.07	2.07	0.28	0.28	0.27	0.28
YEAR 2017														
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.28	0.27	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.73	2.73	2.73	2.73	2.70	2.70	2.07	2.07	0.28	0.28	0.27	0.28
YEAR 2018														
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.28	0.27	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.73	2.73	2.73	2.73	2.70	2.70	2.07	2.07	0.28	0.28	0.27	0.28
YEAR 2019														
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.28	0.27	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.73	2.73	2.73	2.73	2.70	2.70	2.07	2.07	0.28	0.28	0.27	0.28
YEAR 2020														
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.28	0.27	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.73	2.73	2.73	2.73	2.70	2.70	2.07	2.07	0.28	0.28	0.27	0.28
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.

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
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4 NOX (B)	75	76	77	78	79	80	81
CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY
1	2	3	4	5	6	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
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EMISSIONS DATA AT MAXIMUM	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
EMISSIONS DATA AT MINIMUM	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

YEAR 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	IMBG WIN 1	IMBG WIN 2	
YEAR 2011						0.39	0.39	0.39	0.39	0.39	0.39	0.09	0.08
EMISSIONS DATA AT MAXIMUM						0.39	0.39	0.39	0.39	0.39	0.39	0.09	0.08
EMISSIONS DATA AT MINIMUM						0	0	0	0	0	0	0	
YEAR 2012						0.39	0.39	0.39	0.39	0.39	0.09	0.09	
EMISSIONS DATA AT MAXIMUM						0.39	0.39	0.39	0.39	0.39	0.09	0.09	
EMISSIONS DATA AT MINIMUM						0.39	0.39	0.39	0.39	0.39	0.09	0.09	
YEAR 2013						0.39	0.39	0.39	0.39	0.39	0.09	0.08	
EMISSIONS DATA AT MAXIMUM						0.39	0.39	0.39	0.39	0.39	0.09	0.08	
EMISSIONS DATA AT MINIMUM						0.39	0.39	0.39	0.39	0.39	0.09	0.08	
YEAR 2014						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MAXIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MINIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
YEAR 2015						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MAXIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MINIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
YEAR 2016						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MAXIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MINIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
YEAR 2017						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MAXIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MINIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
YEAR 2018						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MAXIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MINIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
YEAR 2019						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MAXIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MINIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
YEAR 2020						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MAXIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MINIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
YEAR 2021						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MAXIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MINIMUM						0.39	0.39	0.39	0.39	0.39	0.08	0.08	
YEAR 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 DARBY 2	83 DARBY 3	84 DARBY 4	85 DARBY 5	86 DARBY 6	87 IMBG WIN 1	88 IMBG WIN 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								
EFFLUENT								
THERMAL UNIT								
	89 IMBG SMR 1	90 IMBG SMR 2	91 WATR CC 1	92 WATR2 1	93 DRESDEN 1	94 DRESD2 1	NUCLEAR 1	101
YEAR 2011	0.09	0.08	0.09	0.09	0.13	0.09	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.09	0.08	0.09	0.09	0.13	0.09	0.00	0.00
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
YEAR 2012	0.09	0.09	0.09	0.09	0.13	0.09	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.09	0.09	0.09	0.09	0.13	0.09	0.00	0.00
EMISSIONS DATA AT MINIMUM								
YEAR 2013	0.09	0.08	0.09	0.09	0.13	0.09	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.09	0.08	0.09	0.09	0.13	0.09	0.00	0.00
EMISSIONS DATA AT MINIMUM								
YEAR 2014	0.08	0.08	0.09	0.09	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MINIMUM								
YEAR 2015	0.08	0.08	0.09	0.09	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MINIMUM								
YEAR 2016	0.08	0.08	0.08	0.08	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MINIMUM								
YEAR 2017	0.08	0.08	0.09	0.09	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MINIMUM								
YEAR 2018	0.08	0.08	0.09	0.09	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MINIMUM								
YEAR 2019	0.08	0.08	0.09	0.09	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MINIMUM								
YEAR 2020	0.08	0.08	0.08	0.08	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MINIMUM								
YEAR 2021	0.08	0.08	0.08	0.08	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00	0.00
EMISSIONS DATA AT MINIMUM								
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														
EMISSIONS DATA AT MINIMUM														
EMISSIONS DATA PROFILE														
YEAR 2011	0.73	0.62	0.62	0.44	0.50	0.50	0.06							
YEAR 2012	0.73	0.62	0.62	0.44	0.50	0.50	0.06							
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020	0.73	0.62	0.73	0.44	0.50	0.59	0.06							
EMISSIONS DATA AT MAXIMUM														
EMISSIONS DATA AT MINIMUM														
EMISSIONS DATA PROFILE														
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.

DEPLETENT THERMAL UNIT	4 NOX (B)	102	103	104	105	106	107	108
	UPC_NCCS 1	PC_UL_SU 1	UPC_RCCS 1	IGC_NCCS 1	IGCC_GB 1	IGC_RCCS 1	CC_2X1FB 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								

EFFLUENT THERMAL UNIT	4 NOX (B)	109	110	111	114	115	124	125
	CC_2X1FA 1	CC_1X17H 1	BS2_CC 1	CF_GETFA 1	CF_GETFA 1	BS2_FSD 2	BS1_FSD 1	
YEAR 2011		0.08	0.07	0.08	0.10	0.12	0.00	0.00
EMISSIONS DATA AT MAXIMUM		0.08	0.07	0.08	0.10	0.12	0.47	0.28
EMISSIONS DATA AT MINIMUM		0	0	0	0	0	57	5
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	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	0.00
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
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
REFUELER THERMAL UNIT						126	127	129	130	131	132	133																
4 NOX (B)						CSV5_SCR 5	CSV6_SCR 6	CRI_NGCC 1	CR2_NGCC 2	MRS_NGCC 5	MRS_FGD 5	RP1D_IM 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  
-----  
YEAR 2033 -----  
YEAR 2034 -----  
YEAR 2035 -----  
YEAR 2036 -----  
YEAR 2037 -----  
YEAR 2038 -----  
YEAR 2039 -----  
YEAR 2040 -----

4 NOX (B)  
-----  
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 RPID\_IM 1

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

4 NOX (B)  
-----  
134 RP2D\_IM 2  
135 TAN4\_FGD 4  
136 RP1D\_KP 1  
137 RP2D\_KP 2  
144 TC4\_FSP 4  
145 A390\*AB 3  
146 A390\*OP 3  
0.00 0.40 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00  
2.34 2.34 0.40 0.40 2.34 0.00 0.00 0.00 0.00  
67 67 66 67 51 55 55 55 55

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

4 NOX (B)  
-----  
147 MTN\_90% 1  
148 RPT1\_90% 1  
149 RPT2\_90% 2  
150 GVI\_90% 1  
151 GV2\_90% 2  
153 MTN\_18% 1  
154 CC\_FA\_KP 1  
0.00 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00  
29 66 67 62 64 28 0

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 -----

0.00 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00  
29 66 67 62 64 28 0

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- 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	4 NOX (B)													
	155 CT_OHIO 1	156 CC_OH 1	157 CT_1&M 1	158 CC_1&M 1	159 CT_APCO 1	160 CC_APCO 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_AF 1	169 PC_UI_AF 1
YEAR 2011	0.12	0.08	0.12	0.08	0.12	0.08	0.12	0.08	0.00	0.00	0.00	0.00	0.50	0.62
EMISSIONS DATA AT MAXIMUM	0.12	0.08	0.12	0.08	0.12	0.08	0.12	0.08	0.00	0.00	0.00	0.45	0.50	0.62
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0	7	7	7	7	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														
	162	163	164	165	166	168	169							
	CC_KPCO	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	IGCC_AF	PC_UI_AF							
YEAR 2011	0.07	0.00	0.00	0.00	0.00	0.50	0.62							
EMISSIONS DATA AT MAXIMUM	0.07	0.00	0.00	0.00	0.00	0.50	0.62							
EMISSIONS DATA AT MINIMUM	0	7	7	7	7	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)

	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 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.



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

4 NOX (B)	170	171	172	173	174	175	176
	NGE_AP	IGCC_IM	PC_UL_IM	NUKE_IM	IGCC_KP	PC_UL_KP	NUKE_KP
	1	1	1	1	1	1	1

EFFLUENT  
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 -----

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
	1	1	1	1	1	1	1

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 2011 -----  
 YEAR 2012 -----  
 YEAR 2013 -----  
 YEAR 2014 -----  
 YEAR 2015 -----  
 YEAR 2016 -----  
 YEAR 2017 -----  
 YEAR 2018 -----  
 YEAR 2019 -----  
 YEAR 2020 -----  
 YEAR 2021 -----  
 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84
EMISSIONS DATA PROFILE	45	46	45	46	51	51	51	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.

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	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_TRONA	T4_TRCCR										
YEAR 2030	----	186	187	188	189	190	191										
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	MR_STKR2	AMS3_SI	BS2_SI	MRS_CF	MRS_SI										
YEAR 2011	----	0.86	0.86	0.00	0.00	0.00	0.00										
EMISSIONS DATA AT MAXIMUM		0.86	0.86	0.82	0.46	0.51	0.51										
EMISSIONS DATA AT MINIMUM		0	0	55	57	38	38										
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)		233		234		235		251		252		253		254	
		RPT2_CF	RPT1_SI	RPT2_SI	DC1_HFP	DC1_IS	DC1_HFP										
YEAR 2030	----	2	1	2	1	1	1										
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.

EFFLUENT THERMAL UNIT	4 NOX (B)	233	234	235	251	252	253	254
	RPT2_CP 2	RPT1_SI 1	RPT2_SI 2	DC1_HPF 1	DC1_IS 1	DC1_EFF 1	DC1_17 1	
YEAR 2040								
EFFLUENT THERMAL UNIT	4 NOX (B)	255	257	258	259	260	269	270
	DC1_3800 1	DC2_HPT 2	DC2_BFF 2	DC2_SPU 2	DC2_3800 2	BIGSD_15 1	BIGSD_GP 1	
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	3.09	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	3.09	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	4 NOX (B)	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	
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	1.82	1.82	1.82	1.82	1.82	1.82	1.82	4.00
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

4 NOX (B)

-----	YEAR 2011	-----	278	279	280	281	282	283	284
EMISSIONS DATA AT MAXIMUM			CVL_3_10	GIN_5_HM	GIN_5_15	GIN_6_HM	GIN_6_15	KMR_F_HM	KMR_F_GP
EMISSIONS DATA AT MINIMUM			3	5	5	6	6	1	1
EMISSIONS DATA PROFILE			0.00	4.74	4.74	4.32	4.32	3.91	3.91
-----	YEAR 2012	-----	0	0	0	0	0	0	0
-----	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.

EFFLUENT THERMAL UNIT	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	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)	278	279	280	281	282	283	284
CVL_3_10	GLN_5_HM	GLN_5_15	GLN_6_HM	GLN_6_15	KMR_F_HM	KMR_F_GP	
	278	279	280	281	282	283	284
	3	5	5	6	6	1	1

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
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	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

4 NOX (B)	285	286	287	288	289	290	291
KMR_F_HM	KMR_F_GP	KMR_F_HM	KMR_F_GP	KWA_1_HM	KWA_1_15	KWA_2_HM	
	285	286	287	288	289	290	291
	2	2	3	3	1	1	2

EMISSIONS DATA AT MAXIMUM	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

YEAR	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
EMISSIONS DATA AT MINIMUM	2.37	3.60	3.60	3.73	3.73	2.70	2.70	2.70	2.70	2.70	2.70	2.70
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011	292	293	294	295	296	297	298					
YEAR 2012	4 NOX (B)											
YEAR 2013	KWA_2_15	MSKRI_HM_1	MSKRI_12_1	MSKR2_HM_2	MSKR2_12_2	MSKR3_GP_3	MR3HW_12_3					
YEAR 2014	2.37	3.60	3.60	3.73	3.73	2.70	2.70					
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												

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





4-Company East Optimization

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																								
		306	307	308	309	310	311	312																		
	4 NOX (B)	SP2_F_15	SP3_O_HM	SP3_O_15	SP4_O_HM	SP4_O_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.

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	306	307	308	309	310	311	312
YEAR 2036	SP2_F_15 2	SP3_O_HM 3	SP3_Q_15 3	SP4_Q_HM 4	SP4_Q_15 4	SP5_HM 5	SP5_15 5	
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	4 NOX (B)	313	314	315	316	317	318	319
YEAR 2011	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	
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	3.87	3.87	3.61	3.61	4.05	4.05	6.55	
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	4 NOX (B)	320	364	500	501	502	503	958
YEAR 2011	RH111s 1							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
EMISSIONS DATA AT MINIMUM	0.00	1.85	0.00	0.00	0.00	0.00	0.00	0.07
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								

YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 -----

EFFLUENT THERMAL UNIT	4 NOX (B)		959		960		961		962		963		964		965	
	RP2D	KP	RP2D	IM	CSV6	SCR	CSV5	SCR	DUMMY	OP	DUMMY	OP	RP1D	OP	OP	OP
	959		960		961		962		963		964		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.

REFUELER THERMAL UNIT	4 NOX (B)	RP2D_KP 959	RP2D_TM 960	CSV6_SCR 961	CSV5_SCR 962	DUMMY_OP 963	DUMMY_OP 964	RP1D_O3 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)	RP1D_KP 966	BS2_FGD 967	CR2_NGCC 968	CRI_NGCC 969	MRS_NGCC 970	DUMMY_OP 971	DUMMY_OP 972
YEAR 2011							
YEAR 2012							
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	0.08	0.08	0.08	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.40	0.45	0.08	0.08	0.08	0.08	0.00
EMISSIONS DATA PROFILE	66	7	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

4 NOX (B)

	973 DUMKY OP 973	974 DUMKY OP 974	975 DUMKY OP 975	976 DUMKY OP 976	977 DUMKY OP 977	978 DUMKY OP 978	979 DUMKY OP 979
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.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	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 2022														
YEAR 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
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	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
YEAR 2012	0.00	0.00	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						
						4 NOX (B)						
						987	988	989	990	991	992	993
						DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
						987	988	989	990	991	992	993
YEAR 2011	EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
YEAR 2011	EMISSIONS DATA PROFILE	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												

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





4-Company East Optimization

EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	1.58	1.58	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	1.58	1.58	0.00
----- YEAR 2013 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	1.61	1.61	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	1.61	1.61	0.00
----- YEAR 2014 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	1.60	1.60	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	1.60	1.60	0.00
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- 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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2	8 CARD 1+2	9 CARD 3	10 CLIFFY 1	11 CLIFFY 2	12 CLIFFY 3	13 CLIFFY 4	14 CLIFFY 5
YEAR 2039	1 AMOS	2 AMOS	3 AMOS_OP	4 BECKJORD	5 BIG SAND	6 BIG SAND	7 CARD 1+2	
YEAR 2040	1 AMOS	2 AMOS	3 AMOS_OP	4 BECKJORD	5 BIG SAND	6 BIG SAND	7 CARD 1+2	
EFFLUENT THERMAL UNIT	8 CARD 1+2	9 CARD 3	10 CLIFFY 1	11 CLIFFY 2	12 CLIFFY 3	13 CLIFFY 4	14 CLIFFY 5	
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	5 NSR SO2	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 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	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
EMISSIONS DATA AT MAXIMUM													
EMISSIONS DATA AT MINIMUM													
EMISSIONS DATA PROFILE													
YEAR 2011	38	39	40	41	42	43	44						
YEAR 2012	1	2	3	4	5	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													

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

REFUELT THERMAL UNIT	5 NSR SO2	45	MOUNT_1 1	46	MUSK RVR 1	47	MUSK RVR 2	48	MUSK RVR 3	49	MUSK RVR 4	50	MUSK RVR 5	P SPOSN 1	51
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----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM 0.00  
 EMISSIONS DATA AT MINIMUM 0.00  
 EMISSIONS DATA PROFIT 0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
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 ----- YEAR 2030 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----

----- YEAR 2036 -----  
 ----- YEAR 2037 -----

4-Company Base Optimization

YEAR 2038	YEAR 2039	YEAR 2040	5 NSR SO2	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICMAX 5	57 RPRRT_1M 1	58 RPRRD_1M 1
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EFFLUENT										
THERMAL UNIT										
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EMISSIONS DATA AT MAXIMUM				0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM				0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE				0	0	0	0	0	0	0
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YEAR 2011										
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YEAR 2012										
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YEAR 2013										
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YEAR 2014										
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YEAR 2015										
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YEAR 2016										
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YEAR 2017										
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YEAR 2018										
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YEAR 2019										
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YEAR 2020										
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YEAR 2021										
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YEAR 2022										
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YEAR 2023										
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YEAR 2024										
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YEAR 2025										
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YEAR 2026										
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YEAR 2027										
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YEAR 2028										
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YEAR 2029										
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YEAR 2030										
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YEAR 2031										
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YEAR 2032										
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YEAR 2033										
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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.

EFFLUENT THERMAL UNIT	5 NSR SO2	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_TM 1	58 RPRUN_TM 1
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

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

EFFLUENT THERMAL UNIT	5 NSR SO2	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
YEAR 2012		0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013								

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

EFFLUENT THERMAL UNIT	5 NSR SO2					DARBY 1
	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	
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

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	5 NSR SO2		DARBY 2		DARBY 3		DARBY 4		DARBY 5		DARBY 6		IMBG WIN 1		IMBG WIN 2	
EMISSIONS DATA PROFILE	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6	81 DARBY 1	82 DARBY 2	83 DARBY 3	84 DARBY 4	85 DARBY 5	86 DARBY 6	87 IMBG WIN 1	88 IMBG WIN 2	89 DARBY 1	90 DARBY 2
YEAR 2011	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																
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YEAR 2037																
YEAR 2038																
YEAR 2039																
YEAR 2040																

REFUELER THERMAL UNIT	5 NSR SO2		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	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
EMISSIONS DATA 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																
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 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	5 NSR SO2	89 LMBG SMR 1	90 LMBG SMR 2	91 WATR CC 1	92 WATR2 1	93 DRESDDN 1	94 DRESDD2 1	101 NUCLEAR 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 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 SMR	1	2	WATR CC	WATR2	DRESDEN	DRESID2	NUCLEAR
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
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_NCCS	PC_UL_SU	UPC_RCCS	IGC_NCCS	IGCC GE	IGC_RCCS	CC 2X1FB	
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							

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  
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YEAR 2019  
YEAR 2020  
YEAR 2021  
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YEAR 2029  
YEAR 2030  
YEAR 2031  
YEAR 2032  
YEAR 2033



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2	109 CC 2X1FA 1	110 CC 1X1/H 1	111 BS2_CC 1	114 CT GE7FA 1	115 CT_GE7FA 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								

EFFLUENT THERMAL UNIT	5 NSR SO2	126 CSV5_SCR 5	127 CSV6_SCR 6	129 CRI_NGCC 1	130 CR2_NGCC 2	131 MRS_NGCC 5	132 MRS_FGD 5	133 RP1D_IM 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								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
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YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	5 NSR SO2	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1	137 RP2D_KP 2	144 TC4_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	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 -----						
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----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
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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.





----- YEAR 2023 -----  
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 ----- YEAR 2030 -----  
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 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

5 NSR SO2

	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
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.08	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.08	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
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 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----

NOTE: DATA 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	5 NSR SO2	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 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
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YEAR 2029								
YEAR 2030								
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YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
EFFLUENT THERMAL UNIT								
	5 NSR SO2	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	176 NUKE_KP 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								
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YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								

YEAR	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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	
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	
EMISSIONS DATA PROFILE	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																				
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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.

REFUELT THERMAL UNIT	5 NSR SO2	177 IGCC OH 1	178 PC_UL_OH 1	179 NUKE OH 1	181 RPID_03 1	182 RPID_04 1	183 RPID_08 1	184 RPID_20 1
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	5 NSR SO2	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 0
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIIONS DATA AT MINIMUM		0	0	0	0	0	0	0
EMISSIIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
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YEAR 2035								
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YEAR 2038								
YEAR 2039								
YEAR 2040								

REFUELT THERMAL UNIT	5 NSR SO2	223 MR_STK1 1	224 MR_STKR2 1	228 AMS3_SI 3	229 BS2_SI 2	230 MRS_CF 5	231 MRS_SI 5	232 RPT1_CF 1
YEAR 2011								
EMISSIIONS DATA AT MAXIMUM								
EMISSIIONS DATA AT MINIMUM								
EMISSIIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
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YEAR 2039								
YEAR 2040								

REFUELT THERMAL UNIT	5 NSR SO2	223 MR_STK1 1	224 MR_STKR2 1	228 AMS3_SI 3	229 BS2_SI 2	230 MRS_CF 5	231 MRS_SI 5	232 RPT1_CF 1
YEAR 2011								
EMISSIIONS DATA AT MAXIMUM								
EMISSIIONS DATA AT MINIMUM								
EMISSIIONS DATA PROFILE								
YEAR 2012								
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YEAR 2017								
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YEAR 2019								
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YEAR 2021								
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YEAR 2038								
YEAR 2039								
YEAR 2040								





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

EFFLUENT  
 THERMAL UNIT  
 ----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----

5 NSR S02	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	CIN_Q_15	CVL_3_HM
1	1	2	2	3	3	3	3
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 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 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
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								
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 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		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIIONS 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								





4-Company East Optimization

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		5 NSR SO2	299	300	301	302	303	304	305																	
		MSRR4_GP_4	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
		M4HM_12_4	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
		PIGWY_HM_5	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
		PIGWY_GP_5	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
		SPL_F_HM_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
		SPL_F_15_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
		SP2_F_HM_2	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 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
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 ----- YEAR 2020 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

REFUEMENT THERMAL UNIT	5 NSR S02 RHILLS 1	364 0	500 DUMMY_OP 0	501 DUMMY_TM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	958 CC_RFCO 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								
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YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
EFFLUENT THERMAL UNIT	5 NSR SO2	959 RP2D_KP _959	960 RP2D_IM _960	961 CSV6_SGR _961	962 CSV5_SCR _962	963 DUMMY_OP _963	964 DUMMY_OP _964	965 RPLD_03 _965
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								

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

5 MSR S02

REFUELED THERMAL UNIT  
 966 967 968 969 970 971 972  
 RPLD\_KP BS2\_RPD CR2\_NGCC CR1\_NGCC MS5\_NGCC DUMMY\_OP DUMMY\_OS  
 966 967 968 969 970 971 972

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM 0.00 0.08 0.00 0.00 0.00 0.00 0.00  
 EMISSIONS DATA AT MINIMUM 0.00 0.08 0.00 0.00 0.00 0.00 0.00  
 EMISSIONS DATA PROFILE 0 0 0 0 0 0 0

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

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



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2	RPID_KP 966	BS2_FGD 967	CR2_NGCC 968	CRI_NGCC 969	MRS_NGCC 970	DUMMY_OP 971	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								

EFFLUENT THERMAL UNIT	5 NSR SO2	DUMMY_OP 973	DUMMY_OP 974	DUMMY_OP 975	DUMMY_OP 976	DUMMY_OP 977	DUMMY_OP 978	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 2034

YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	5 NSR SO2						
EFFLUENT 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						0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	0	0	0	0	0	0	0
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.

EFFLUENT THERMAL UNIT		5 NSR SO2		980		981		982		983		984		985		986	
		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
		980	980	981	981	982	982	983	983	984	984	985	985	986	986	987	987
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		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	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		987	987	988	988	989	989	990	990	991	991	992	992	993	993	994	994
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		994		995		T4_TRODN		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	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		994	994	995	995	996	996	997	997	998	998	999	999	1000	1000	1001	1001
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

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 -----					
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----- YEAR 2030 -----					
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----- YEAR 2034 -----					
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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.

REP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)													
	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 6	BIG SAND 1	BIG SAND 2	CARD 1+2 1	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	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	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	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														
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
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	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 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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 (B)	15	16	17	18	19	20	21
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSV1 1-4
	6	1	2	3	1	2	3	
----- YEAR 2011 -----	0.00	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	0.00	0.02
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
----- YEAR 2012 -----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
EMISSIONS DATA AT MAXIMUM	0.00	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	0.00	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.

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

REFLUENT THERMAL UNIT	6 HG (E)	15	16	17	18	19	20	21
YEAR 2019	CLIFFY 6	CLINCH R 1	CLINCH R 2	CLINCH R 3	ROCKP_KP 1	ROCKP_KP 2	CSVL 1-4 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								

REFLUENT THERMAL UNIT	6 HG (E)	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	0.01	0.01	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.01	0.01	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

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

YEAR	2032	2033	2034	2035	2036	2037	2038	2039	2040
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0
YEAR 2011	29	30	33	34	35	36	37		
YEAR 2012	5	6	1	2	3	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									
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.

EFFLUENT THERMAL UNIT	6 HG (E)	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAWHA 1	37 KANAWHA 2
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	6 HG (E)	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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								

EFFLUENT 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

YEAR	EMISSIONS DATA AT MAXIMUM	EMISSIONS DATA AT MINIMUM	EMISSIONS DATA PROFILE	MOUNT_ER	MUSK_RVR	MUSK_RVR	MUSK_RVR	MUSK_RVR	MUSK_RVR	MUSK_RVR	P_SPOBN
				1	1	2	3	4	5		1
YEAR 2011	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2012	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2013	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2014	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2015	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2016	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2017	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2018	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2019	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2020	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2021	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2022	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2023	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2024	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2025	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2026	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2027	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2028	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2029	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2030	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2031	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2032	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2033	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2034	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2035	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2036	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2037	0.00	0.01	0.01	0	0	0	0	0	0	0	0
YEAR 2038	0.00	0.01	0.01	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.

EFFLUENT THERMAL UNIT		6 HG (E)		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR			
YEAR	2039	YEAR	2040	MOUNT_FR	1	MUSK_RVR	1	MUSK_RVR	2	MUSK_RVR	3	MUSK_RVR	4	MUSK_RVR	5	MUSK_RVR	5	RRRT_IM	1	RRRN_IM	1
YEAR 2039	---	YEAR 2040	---	45	0.01	46	0.01	47	0.01	48	0.01	49	0.02	50	0.00	51	0.00				
				MOUNT_FR	1	MUSK_RVR	1	MUSK_RVR	2	MUSK_RVR	3	MUSK_RVR	4	MUSK_RVR	5	MUSK_RVR	5	RRRT_IM	1	RRRN_IM	1
				52	0.01	53	0.01	54	0.01	55	0.01	56	0.02	57	0.00	58	0.00				
				P_SPOBN	2	P_SPOBN	3	P_SPOBN	4	P_SPOBN	5	PICMAY	5	RRRT_IM	1	RRRN_IM	1				
				0	0	0	0	0	0	0	0	0	0	0	0	0	0				

EFFLUENT THERMAL UNIT		6 HG (E)		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR			
YEAR	2011	YEAR	2012	MOUNT_FR	1	MUSK_RVR	1	MUSK_RVR	2	MUSK_RVR	3	MUSK_RVR	4	MUSK_RVR	5	MUSK_RVR	5	RRRT_IM	1	RRRN_IM	1
YEAR 2011	---	YEAR 2012	---	45	0.01	46	0.01	47	0.01	48	0.01	49	0.02	50	0.00	51	0.00				
				MOUNT_FR	1	MUSK_RVR	1	MUSK_RVR	2	MUSK_RVR	3	MUSK_RVR	4	MUSK_RVR	5	MUSK_RVR	5	RRRT_IM	1	RRRN_IM	1
				52	0.01	53	0.01	54	0.01	55	0.01	56	0.02	57	0.00	58	0.00				
				P_SPOBN	2	P_SPOBN	3	P_SPOBN	4	P_SPOBN	5	PICMAY	5	RRRT_IM	1	RRRN_IM	1				
				0	0	0	0	0	0	0	0	0	0	0	0	0	0				

EFFLUENT THERMAL UNIT		6 HG (E)		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR		MUSK RVR			
YEAR	2011	YEAR	2012	MOUNT_FR	1	MUSK_RVR	1	MUSK_RVR	2	MUSK_RVR	3	MUSK_RVR	4	MUSK_RVR	5	MUSK_RVR	5	RRRT_IM	1	RRRN_IM	1
YEAR 2011	---	YEAR 2012	---	45	0.00	46	0.00	47	0.00	48	0.00	49	0.00	50	0.00	51	0.00				
				MOUNT_FR	1	MUSK_RVR	1	MUSK_RVR	2	MUSK_RVR	3	MUSK_RVR	4	MUSK_RVR	5	MUSK_RVR	5	RRRT_IM	1	RRRN_IM	1
				59	0.00	61	0.00	62	0.00	63	0.00	64	0.00	65	0.00	66	0.00				
				ROCKP_IM	2	STUART	1	STUART	2	STUART	3	STUART	4	AMOS_AP	3	TANN	1-3				
				0	0	0	0	0	0	0	0	0	0	0	0	0	0				



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

REFUELVNT THERMAL UNIT	6 HG (E) TANN 1-3	67 TANN 1-3	68 TANN 1-3	69 TANN 4	70 ZIMMER	71 ROBTWONE 1	72 ROBTWONE 2	73 ROBTWONE 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								

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

6 HG (E)

EPFLUENT	82	83	84	85	86	87	88
THERMAL UNIT	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)	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1	IMBG WIN 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	6 HG (E)	IMBG SMR 1	IMBG SMR 2	WATR CC 1	WATR2 1	DRESDEN 1	DRESO2 1	NUCLEAR 1
YEAR 2011		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 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								

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
EMISSIONS DATA AT MAXIMUM				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EFFLUENT THERMAL UNIT																											
6 HG (E)																											
UPC_NCCS	102			1																							
PC_UL_SU	103			1																							
UPC_RCCS	104			1																							
IGC_NCCS	105			1																							
IGCC GE	106			1																							
IGC_RCCS	107			1																							
CC 2X1FB	108			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	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
6 HG (E)	102	103	104	105	106	107
UPC_NCCS	1	1	1	1	1	1
PC_UL_SU	1	1	1	1	1	1
UPC_RCCS	1	1	1	1	1	1
IGC_NCCS	1	1	1	1	1	1
IGCC_GE	1	1	1	1	1	1
IGC_RCCS	1	1	1	1	1	1
CC_2X1FB	1	1	1	1	1	1

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	YEAR 2039	YEAR 2040	
6 HG (E)	109	110	111	114	115	124	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	
CC_2X1FA	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
BS2_CC	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	
CT_GE7FA	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	
CT_GE7FA	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	
BS2_FGD	2	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	
BS1_FGD	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	1
EMISSIONS DATA AT MAXIMUM	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	0.01	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

EFFLUENT THERMAL UNIT

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	YEAR 2039	YEAR 2040
6 HG (E)	126	127	129	130	131	132	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
CSV5_SCR	5	6	1	2	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CSV6_SCR	6	6	1	2	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CRI1_NGCC	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
CR2_NGCC	2	2	1	2	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MRS_NGCC	5	5	1	2	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MRS_FGD	5	5	1	2	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
RPLD_IN	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
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
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 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
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 ----- YEAR 2026 -----  
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 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
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 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EMISSIONS DATA AT MAXIMUM	6 HG (E)	EMISSIONS DATA AT MINIMUM
RP2D_IM 2	134	0.00
TANA_FGD 4	135	0.00
RPID_KP 1	136	0.00
RP2D_KP 2	137	0.00
TC4_ESP 4	144	0.00
A390% AP 3	145	0.00
A390%OP 3	146	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.

REFUELER THERMAL UNIT	6 HG (E)	134 RP2D_IM 2	135 TANA_FGD 4	136 RP1D_KP 1	137 RP2D_KP 2	144 TC4_ESP 4	145 A3908_AP 3	146 A3908OP 3
YEAR 2011	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	6 HG (E)	147 MTN_908 1	148 RPT1_908 1	149 RPT2_908 2	150 GV1_908 1	151 GV2_908 2	153 MTN_188 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 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 -----

EPRI/ENR THERMAL UNIT	6 HG (B)	155	156	157	158	159	160	161
	CT_OHIO	CC_OH	CT_I&M	CC_I&M	CT_APCO	CC_APCO	CT_XPCO	
----- 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 -----								

NOTE: DATA 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
YEAR 2021	CT_OHIO 1	CC_OH 1	CT_I&M 1	CC_I&M 1	CT_APCO 1	CC_APCO 1	CT_KPCCO 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
YEAR 2011	CC_KPCCO 1	BS2 FGD 1	BS2 FGD 5	BS2 FGD 22	BS2 FGD 23	IGCC AP 1	PC_UL_AP 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								

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	2035	2036	2037	2038	2039	2040
EFFLUENT THERMAL UNIT							
EMISSIONS DATA AT MAXIMUM	170	171	172	173	174	175	176
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	170	171	172	173	174	175	176
YEAR 2012	170	171	172	173	174	175	176
YEAR 2013	170	171	172	173	174	175	176
YEAR 2014	170	171	172	173	174	175	176
YEAR 2015	170	171	172	173	174	175	176
YEAR 2016	170	171	172	173	174	175	176
YEAR 2017	170	171	172	173	174	175	176
YEAR 2018	170	171	172	173	174	175	176
YEAR 2019	170	171	172	173	174	175	176
YEAR 2020	170	171	172	173	174	175	176
YEAR 2021	170	171	172	173	174	175	176
YEAR 2022	170	171	172	173	174	175	176
YEAR 2023	170	171	172	173	174	175	176
YEAR 2024	170	171	172	173	174	175	176
YEAR 2025	170	171	172	173	174	175	176
YEAR 2026	170	171	172	173	174	175	176
YEAR 2027	170	171	172	173	174	175	176
YEAR 2028	170	171	172	173	174	175	176
YEAR 2029	170	171	172	173	174	175	176
YEAR 2030	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 = GAF.INPUT.THERMAL.UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)	170	171	172	173	174	175	176
	Nuke_Ap 1	IGCC IM 1	PC_UL_IM 1	NUKE_IM 1	IGCC KP 1	PC_UL_KP 1	NUKE_KP 1	
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)	177	178	179	181	182	183	184
	IGCC OH 1	PC_UL_OH 1	NUKE OH 1	RP1D_03 1	RP1D_04 1	RP1D_08 1	RP1D_20 1	
YEAR 2011								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	6 HG (E)	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 2011								

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 -----						
----- YEAR 2021 -----						
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----- YEAR 2023 -----						
----- YEAR 2024 -----						
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----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- 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	6 HG (E)	223 MR_STKR1 1	224 MR_STKR2 1	228 AMS3_SI 3	229 BS2_SI 2	230 MRS_CF 5	231 MRS_SI 5	232 RPT1_CF 1
YEAR 2011		0.01	0.01	0.00	0.00	0.01	0.01	0.00
EMISSIONS DATA AT MAXIMUM		0.01	0.01	0.00	0.00	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								
REPURMENT THERMAL UNIT	6 HG (E)	233 RPT2_CF 2	234 RPT1_SI 1	235 RPT2_SI 2	251 DC1_HPT 1	252 DC1_US 1	253 DC1_BFP 1	254 DC1_L7 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								
YEAR 2021								
YEAR 2022								

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
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 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
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 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

REPUEENT  
 THERMAL UNIT

6 HG (E)

	DC1_3800	DC2_HFP	DC2_EFP	DC2_SPU	DC2_3800	BIGSD_15	BIGSD_GP
	255	257	258	259	260	269	270
	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 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 = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
THERMAL UNIT

6 HG (B)		255		257		258		259		260		269		270	
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 (B)		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_15	2	CLN_Q_HM	3	CLN_Q_15	3	CVL_3_HM	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	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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  
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YEAR 2028  
YEAR 2029  
YEAR 2030  
YEAR 2031  
YEAR 2032

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

EFFLUENT  
 THERMAL UNIT

6 HG (E)

EMISSIONS DATA AT MAXIMUM	278	279	280	281	282	283	284
EMISSIONS DATA AT MINIMUM							
EMISSIONS DATA PROFILE							
YEAR 2011	0.02	0.00	0.00	0.00	0.00	0.00	0.00
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	0.02	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2016	0.02	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2017	0.02	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2018	0.02	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2019	0.02	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2020	0.02	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2021	0.02	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2022	0.02	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2023	0.02	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2024	0.02	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2025	0.02	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2026	0.02	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2027	0.02	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2028	0.02	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2029	0.02	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.

REFUELER  
THERMAL UNIT

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

6 HG (E)													
CVL_3_10	278	GLN_5_HM	279	GLN_5_15	280	GLN_6_HM	281	GLN_6_15	282	KMR_F_HM	283	KMR_F_GP	284
	3	5	5	5	6	6	6	6	6	1	1	1	1

REFUELER  
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	-----

6 HG (E)													
KMR_F_HM	285	KMR_F_GP	286	KMR_F_HM	287	KMR_F_GP	288	KWA_1_HM	289	KWA_1_15	290	KWA_2_HM	291
	2	2	3	3	3	3	1	1	1	1	2	2	2
	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
	0	0	0	0	0	0	0	0	0	0	0	0	0

REFUELER  
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	-----

6 HG (E)													
KWA_2_15	292	MSKR1_HM	293	MSKR1_12	294	MSKR2_HM	295	MSKR2_12	296	MSKR3_GP	297	MS3HM_12	298
	2	1	1	1	2	2	2	2	3	3	3	3	3



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	YEAR 2040	6 HG (E)	292	293	294	295	296	297	298
		KWA_2_15_2	MSKR1_HM_1	MSKR1_12_1	MSKR2_HM_2	MSKR2_12_2	MSKR3_GP_3	MR3HM_12_3	

EFFLUENT THERMAL UNIT	YEAR 2040	6 HG (E)	299	300	301	302	303	304	305
		MSKR4_GP_4	M4HM_12_4	PICWY_HM_5	PICWY_GP_5	SP1_F_HM_1	SP1_F_15_1	SP2_F_HM_2	
		0.01	0.01	0.02	0.02	0.00	0.00	0.00	
		0.01	0.01	0.02	0.02	0.00	0.00	0.00	
		0	0	0	0	0	0	0	

EFFLUENT THERMAL UNIT	YEAR 2040	6 HG (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	
		0.00	0.00	0.00	0.00	0.00	0.01	0.01	
		0.00	0.00	0.00	0.00	0.00	0.01	0.01	
		0	0	0	0	0	0	0	

EFFLUENT THERMAL UNIT

6 HG (E)

306 307 308 309 310 311 312

EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE

0.00 0.00 0.00 0.00 0.00 0.01 0.01  
0.00 0.00 0.00 0.00 0.00 0.01 0.01  
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 -----

----- YEAR 2011 -----	6 HG (B)	313	314	315	316	317	318	319
EMISSIONS DATA AT MAXIMUM	TNR_F_HM	1	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	PW_GP_15
EMISSIONS DATA AT MINIMUM	1	1	2	2	3	3	5	
EMISSIONS DATA PROFILE								
----- YEAR 2012 -----		0.00	0.00	0.00	0.00	0.00	0.00	0.02
----- YEAR 2013 -----		0.00	0.00	0.00	0.00	0.00	0.00	0.02
----- YEAR 2014 -----		0	0	0	0	0	0	0
----- YEAR 2015 -----		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

YEAR	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
	1	1	2	2	3	3	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							

EFFLUENT  
THERMAL UNIT

YEAR	320	364	500	501	502	503	958
	RHills_1	DUMMY_OP	DUMMY_TM	DUMMY_AP	DUMMY_KP	CC_RPOD	958
	1	0	0	0	0	0	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	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	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												

REFUELT  
THERMAL UNIT

6 HG (E)

RP2D\_KP 959  
RP2D\_IM 960  
CSV6\_SCR 961  
CSV5\_SCR 962  
DUMMY\_OP 963  
DUMMY\_OP 964  
RP1D\_O3 965

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	959	960	961	962	963	964	965
YEAR 2026	RP2D_KP_959	RP2D_TM_960	CSV6_SCR_961	CSV5_SCR_962	DUMMY_OP_963	DUMMY_OP_964	RP1D_03_965
YEAR 2027							
YEAR 2028							
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	966	967	968	969	970	971	972
YEAR 2011	RP1D_KP_966	BSS2_FGD_967	CR2_NSGC_968	CR1_NSGC_969	MRS5_NSGC_970	DUMMY_OP_971	DUMMY_OP_972
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
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 2011	0.00	0.01	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.01	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							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							

4-Company East Optimization

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		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		573	574	575	576	577	578	579																		
		0.00	0.00	0.00	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																		

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	6 HG (E)	994 DUMMY_OP 994	995 DUMMY_OP 995	T4_T TRONA 996	997 RP2TR_KP 997	998 RP2TR_IM 998	999 DUMMY_OP 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.

EFFICIENT THERMAL UNIT	6 HG (E)	994 DURMY_OP 994	995 DURMY_OP 995	T4_TRONA 996	997 RP2TR_KP 997	998 RP2TR_TM 998	999 DURMY_OP 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.



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.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	%	100.00	0.00	0.00
UNIT FUEL, AUXILIARY COSTS	\$/MBTU	0.08	0.00	0.00
UNIT FUEL TYPE	FUEL ID	1	0	0

THERMAL UNIT	2	AMOS	1	2	3
UNIT FUELS					

YEAR 2011	%	100.00	0.00	0.00
MINIMUM BURN PCT	\$/MBTU	0.08	0.00	0.00
UNIT FUEL, AUXILIARY COSTS	FUEL ID	2	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 3 AMOS\_OP 1 3 2 3  
 UNIT FUELS

----- YEAR 2011 -----  
 MINIMUM BURN PCT 100.00  
 UNIT FUEL AUXILIARY COSTS 0.08  
 UNIT FUEL TYPE 3  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----

----- \$/MBTU 0.00 0.00 0.00  
 FUEL ID 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	3	AMOS_OP	1	3	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	4	BECKORD	1	6	2	3
----------------------------	---	---------	---	---	---	---

YEAR 2011	100.00	0.00	0.00
MINIMUM BURN PCT	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	0.11	0.00	0.00
UNIT FUEL TYPE	4	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	---	---	---

4-Company East Optimization

YEAR	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
MINIMUM BURN PCT																		
UNIT FUEL AUXILIARY COSTS																		
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																		
YEAR 2023																		
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 5 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2037 -----  
 THERMAL UNIT 5 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2038 -----  
 THERMAL UNIT 5 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2039 -----  
 THERMAL UNIT 5 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2040 -----  
 THERMAL UNIT 5 BIG SAND 1 2 3  
 UNIT FUELS

----- 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 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2013 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2014 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2015 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2016 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2017 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2018 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2019 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2020 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2021 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2022 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2023 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2024 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2025 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2026 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2027 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2028 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2029 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2030 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2031 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2032 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2033 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2034 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2035 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2036 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2037 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2038 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2039 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2040 -----  
 THERMAL UNIT 6 BIG SAND 1 2 3  
 UNIT FUELS

----- YEAR 2011 -----  
 THERMAL UNIT 7 CARD 1+2 1 2 3  
 UNIT FUELS

----- YEAR 2011 -----  
 MINIMUM BURN PCT 0.00 0.00 0.00  
 UNIT FUEL, AUXILIARY COSTS \$/MBTU 0.08 0.00 0.00  
 UNIT FUEL, TYPE FUEL ID 7 0 0

----- YEAR 2012 -----  
 THERMAL UNIT 7 CARD 1+2 1 2 3  
 UNIT FUELS

----- YEAR 2013 -----  
 THERMAL UNIT 7 CARD 1+2 1 2 3  
 UNIT FUELS

----- YEAR 2014 -----  
 THERMAL UNIT 7 CARD 1+2 1 2 3  
 UNIT FUELS

----- YEAR 2015 -----  
 THERMAL UNIT 7 CARD 1+2 1 2 3  
 UNIT FUELS

----- YEAR 2016 -----  
 THERMAL UNIT 7 CARD 1+2 1 2 3  
 UNIT FUELS

----- YEAR 2017 -----  
 THERMAL UNIT 7 CARD 1+2 1 2 3  
 UNIT FUELS

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				

MINIMUM BURN PCT	UNIT FUEL TYPE	UNIT FUEL TYPE	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.

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

MINIMUM BURN PCT UNIT FUEL ADJUTARY COSTS UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.08 9	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 2011  
YEAR 2012  
YEAR 2013  
YEAR 2014  
YEAR 2015  
YEAR 2016  
YEAR 2017  
YEAR 2018  
YEAR 2019  
YEAR 2020  
YEAR 2021  
YEAR 2022  
YEAR 2023  
YEAR 2024  
YEAR 2025  
YEAR 2026  
YEAR 2027  
YEAR 2028  
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	-----						

MINIMUM BURN PCT	UNIT FUEL AUXILIARY COSTS	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	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028
			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
			10	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.

YEAR	CLIPTY	1	2	3
YEAR 2029	CLIPTY	1	2	3
YEAR 2030	CLIPTY	1	2	3
YEAR 2031	CLIPTY	1	2	3
YEAR 2032	CLIPTY	1	2	3
YEAR 2033	CLIPTY	1	2	3
YEAR 2034	CLIPTY	1	2	3
YEAR 2035	CLIPTY	1	2	3
YEAR 2036	CLIPTY	1	2	3
YEAR 2037	CLIPTY	1	2	3
YEAR 2038	CLIPTY	1	2	3
YEAR 2039	CLIPTY	1	2	3
YEAR 2040	CLIPTY	1	2	3

11 CLIPTY 1 2 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 11 0 0

YEAR 2012	CLIPTY	1	2	3
YEAR 2013	CLIPTY	1	2	3
YEAR 2014	CLIPTY	1	2	3
YEAR 2015	CLIPTY	1	2	3
YEAR 2016	CLIPTY	1	2	3
YEAR 2017	CLIPTY	1	2	3
YEAR 2018	CLIPTY	1	2	3
YEAR 2019	CLIPTY	1	2	3
YEAR 2020	CLIPTY	1	2	3
YEAR 2021	CLIPTY	1	2	3
YEAR 2022	CLIPTY	1	2	3
YEAR 2023	CLIPTY	1	2	3
YEAR 2024	CLIPTY	1	2	3
YEAR 2025	CLIPTY	1	2	3
YEAR 2026	CLIPTY	1	2	3
YEAR 2027	CLIPTY	1	2	3
YEAR 2028	CLIPTY	1	2	3
YEAR 2029	CLIPTY	1	2	3
YEAR 2030	CLIPTY	1	2	3
YEAR 2031	CLIPTY	1	2	3
YEAR 2032	CLIPTY	1	2	3
YEAR 2033	CLIPTY	1	2	3
YEAR 2034	CLIPTY	1	2	3
YEAR 2035	CLIPTY	1	2	3
YEAR 2036	CLIPTY	1	2	3
YEAR 2037	CLIPTY	1	2	3
YEAR 2038	CLIPTY	1	2	3
YEAR 2039	CLIPTY	1	2	3
YEAR 2040	CLIPTY	1	2	3

12 CLIPTY 1 3 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	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 = GAF.INPUT.THERMAL UNIT.

THermal UNIT UNIT FUELS	13	CLIFFY	1	4	2	3
YEAR 2011						
MINIMUM BURN PCT	%	100.00	0.00	0.00	0.00	0.00
UNIT FUEL, AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	13	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 UNIT FUELS	14	CLIFFY	1	5	2	3
YEAR 2011						
MINIMUM BURN PCT	%	100.00	0.00	0.00	0.00	0.00
UNIT FUEL, AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	14	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																
-----	YEAR 2025	-----	YEAR 2026	-----	YEAR 2027	-----	YEAR 2028	-----	YEAR 2029	-----	YEAR 2030	-----	YEAR 2031	-----	YEAR 2032	-----	YEAR 2033	-----	YEAR 2034	-----	YEAR 2035	-----	YEAR 2036	-----	YEAR 2037	-----	YEAR 2038	-----	YEAR 2039	-----	YEAR 2040	-----
-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----
-----	CLIFFY	-----	CLIFFY	-----	CLIFFY	-----	CLIFFY	-----	CLIFFY	-----	CLIFFY	-----	CLIFFY	-----	CLIFFY	-----	CLIFFY	-----	CLIFFY	-----	CLIFFY	-----	CLIFFY	-----	CLIFFY	-----	CLIFFY	-----	CLIFFY	-----	CLIFFY	-----
-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----
-----	6	-----	6	-----	6	-----	6	-----	6	-----	6	-----	6	-----	6	-----	6	-----	6	-----	6	-----	6	-----	6	-----	6	-----	6	-----	6	-----
-----	2	-----	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	-----	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	-----	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	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----
-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----	15	-----

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.

15	CLIPPY	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
-----	YEAR 2011	-----		
-----	YEAR 2012	-----		
-----	YEAR 2013	-----		
-----	YEAR 2014	-----		
-----	YEAR 2015	-----		
-----	YEAR 2016	-----		
-----	YEAR 2017	-----		
-----	YEAR 2018	-----		
-----	YEAR 2019	-----		
-----	YEAR 2020	-----		
-----	YEAR 2021	-----		
-----	YEAR 2022	-----		
-----	YEAR 2023	-----		
-----	YEAR 2024	-----		
-----	YEAR 2025	-----		
-----	YEAR 2026	-----		
-----	YEAR 2027	-----		
-----	YEAR 2028	-----		
-----	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 FUEL	UNIT FUEL AUXILIARY COSTS	%	100.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	\$/MBTU	0.11	0.00	0.00
-----	YEAR 2011	-----	16	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 2037 -----



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

17 CLINCH R 1 2 3

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

18 CLINCH R 1 2 3

-----  
MINIMUM BURN PCT  
UNIT FUEL AUXILIARY COSTS  
UNIT FUEL TYPE  
-----  
YEAR 2012  
-----  
YEAR 2013  
-----  
YEAR 2014  
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YEAR 2015  
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YEAR 2016  
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YEAR 2017  
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YEAR 2018  
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YEAR 2019  
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YEAR 2020  
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YEAR 2021  
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YEAR 2022  
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YEAR 2023  
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YEAR 2024  
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YEAR 2025  
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YEAR 2026  
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YEAR 2027  
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YEAR 2028  
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YEAR 2029  
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YEAR 2030  
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YEAR 2031  
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YEAR 2032  
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YEAR 2033  
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YEAR 2034  
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YEAR 2035  
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YEAR 2036  
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YEAR 2037  
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YEAR 2038  
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YEAR 2039  
-----  
YEAR 2040  
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%  
\$/MFTU  
FUEL ID  
100.00 0.00 0.00  
0.11 0.00 0.00  
18 0 0

-----  
THERMAL UNIT  
UNIT FUELS  
-----  
YEAR 2011  
-----  
YEAR 2012  
-----  
YEAR 2013  
-----  
YEAR 2014  
-----  
YEAR 2015  
-----  
YEAR 2016  
-----  
YEAR 2017  
-----

19 ROCKP\_KP 1 2 3

-----  
MINIMUM BURN PCT  
UNIT FUEL AUXILIARY COSTS  
UNIT FUEL TYPE  
-----  
YEAR 2011  
-----  
YEAR 2012  
-----  
YEAR 2013  
-----  
YEAR 2014  
-----  
YEAR 2015  
-----  
YEAR 2016  
-----  
YEAR 2017  
-----

%  
\$/MFTU  
FUEL ID  
100.00 0.00 0.00  
0.06 0.00 0.00  
58 0 0

-----  
YEAR 2011  
-----  
YEAR 2012  
-----  
YEAR 2013  
-----  
YEAR 2014  
-----  
YEAR 2015  
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YEAR 2016  
-----  
YEAR 2017  
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APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	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	MINIMUM BURN PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	% \$/MSTU FUEL ID	100.00 0.07 21	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	-----						

MINIMUM BURN PCT	UNIT FUEL	AUXILIARY COSTS	CSVL 1-4	1	4	2	3
UNIT FUEL TYPE	FUEL ID	\$/MBTU					
YEAR 2011		100.00					
YEAR 2012		0.10					
YEAR 2013		22					
YEAR 2014		0					
YEAR 2015		0.00					
YEAR 2016		0.00					
YEAR 2017		0					
YEAR 2018		0.00					
YEAR 2019		0.00					
YEAR 2020		0					
YEAR 2021		0.00					
YEAR 2022		0.00					
YEAR 2023		0					
YEAR 2024		0.00					
YEAR 2025		0.00					
YEAR 2026		0					
YEAR 2027		0.00					
YEAR 2028		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	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	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.07	0.00	0.00
UNIT FUEL TYPE	FUEL ID	23	0	0

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	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.07	0.00	0.00

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.

UNIT FUELS	25	D C COOK	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					
MINIMUM BURN PCT	%	100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MTRU	0.00	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	25	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					
MINIMUM BURN PCT	%	100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MTRU	0.00	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	26	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 = GAP.INPUT.THERMAL UNIT.

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	-----				

THERMAL UNIT UNIT FUELS	28	GAVIN	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 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	-----			

YEAR 2037	-----			
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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							
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----							
THERMAL UNIT			29	GLEN LYN	1	5	2	3																										
UNIT FUELS																																		
MINIMUM BURN PCT			\$	100.00																														
UNIT FUEL AUXILIARY COSTS			\$/MBTU	0.23																														
UNIT FUEL TYPE			FUEL ID	29	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	29	GLEN LYN 1	5	2	3
-----	YEAR 2036	-----	-----	-----	-----
-----	YEAR 2037	-----	-----	-----	-----
-----	YEAR 2038	-----	-----	-----	-----
-----	YEAR 2039	-----	-----	-----	-----
-----	YEAR 2040	-----	-----	-----	-----

THERMAL UNIT UNIT FUELS	30	GLEN LYN 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 BURR PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.23 30	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	33	KAWMER 1	1	2	3
-----	YEAR 2011	-----	-----	-----	-----
-----	YEAR 2012	-----	-----	-----	-----
-----	YEAR 2013	-----	-----	-----	-----
-----	YEAR 2014	-----	-----	-----	-----
-----	YEAR 2015	-----	-----	-----	-----
-----	YEAR 2016	-----	-----	-----	-----
-----	YEAR 2017	-----	-----	-----	-----

MINIMUM BURR PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.20 33	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 = GAF.INPUT.THERMAL UNIT.

YEAR	34	KAMMER	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 35 KAMMER 1 3  
UNIT FUELS 2 3

YEAR	%	100.00	0.00	0.00
YEAR 2011				
MINIMUM BURN PCT		100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.20	0.00	0.00
UNIT FUEL TYPE		35	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		36	KANAWHA	1	1	2	3
	UNIT FUELS							
-----	YEAR 2011	-----						
	MINIMUM BURN FCT			100.00		0.00		0.00
	UNIT FUEL AUXILIARY COSTS			0.10		0.00		0.00
	UNIT FUEL TYPE			36		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	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	---	---	---	---	---

37 KANAMHA 1 2 2 3  
THERMAL UNIT  
UNIT FUELS

YEAR	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 100.00 0.00 0.00  
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.10 0.00 0.00  
UNIT FUEL TYPE 37 0 0

YEAR	UNIT FUELS	38	KYGRR	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	---	---	---	---	---

38 KYGRR 1 1 2 3  
THERMAL UNIT  
UNIT FUELS

YEAR	UNIT FUELS	38	KYGRR	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 100.00 0.00 0.00  
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00 0.00 0.00

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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

MINIMUM BURN PCT	UNIT FUEL TYPE	UNIT FUEL TYPE	UNIT FUEL TYPE	UNIT FUEL TYPE
YEAR 2011	39	KYGER	1	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	40	KYGER	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							

MINIMUM BURN PCT	UNIT FUEL TYPE	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				
YEAR 2023				
YEAR 2024				

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

----- THERMAL UNIT 41 KYGER 1 4 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 -----

MINIMUM BURN PCT 100.00 0.00 0.00  
 UNIT FUEL AUXILIARY COSTS 0.00 0.00 0.00  
 UNIT FUEL TYPE 41 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	41	KYGER	4	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	42	KYGER	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	---	---	---	---	---	---

MINIMUM BURN PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	% \$/MBTU FUEL_ID	100.00 0.00 42	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 2037

YEAR	UNIT	FUELS	MITCHELL	1	2	3
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT						
UNIT FUELS						
YEAR 2011		43	MITCHELL	1	2	3
MINIMUM BURN PCT		%		100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		\$/MBTU		0.09	0.00	0.00
UNIT FUEL TYPE		FUEL ID		43	0	0
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						

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

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  
-----

43 MITCHELL 1 2 3

-----  
THERMAL UNIT  
UNIT FUELS  
-----

44 MITCHELL 1 2 3

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

% \$/MBTU  
100.00 0.00 0.00  
0.05 0.00 0.00  
44 0 0

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

THERMAL UNIT  
UNIT FUELS  
45 MOUNT\_ER 1 1 2 3

-----  
MINIMUM BURN PCT  
UNIT FUEL AUXILIARY COSTS  
UNIT FUEL TYPE  
-----  
YEAR 2011  
-----  
YEAR 2012  
-----  
YEAR 2013  
-----  
YEAR 2014  
-----  
YEAR 2015  
-----  
YEAR 2016  
-----  
YEAR 2017  
-----

% \$/MBTU  
100.00 0.00 0.00  
0.00 0.00 0.00  
45 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	-----						
-----	YEAR 2011	-----						
-----	YEAR 2012	-----						
-----	YEAR 2013	-----						
-----	YEAR 2014	-----						
-----	YEAR 2015	-----						

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

MINIMUM BURN PCT	UNIT FUEL AUXILIARY COSTS	UNIT FUEL TYPE	% \$/MBTU FUEL ID	MUSK RVR	1	2	3
46				100.00	1	0.00	0.00
				0.05		0.00	0.00
				46		0	0

APP 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 47 MUSK RVR 1 2 2 3  
UNIT FUELS

YEAR 2011	%	100.00	0.00	0.00
MINIMUM BURN PCT	\$/MBTU	0.05	0.00	0.00
UNIT FUEL TYPE	FUEL ID	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				



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

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

% \$/MBTU  
FUEL ID 100.00 0.00 0.00  
49 0.05 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  
UNIT FUELS

50 MUSK RVR 1 5 2 3

YEAR 2011  
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.





YEAR	MINIMUM BURN FUEL UNIT FUEL TYPE	\$/MBTU FUEL ID	P	S	PO	RN
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
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			53			
MINIMUM BURN FUEL 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						

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

THERMAL UNIT	53	P	SPORN	1	2	3
UNIT FUELS						

THERMAL UNIT	54	P	SPORN	1	4	2	3
UNIT FUELS							

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	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	-----



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- 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

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

% \$/MFTU \$/MFTU  
 FUEL ID FUEL ID 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  
 UNIT FUELS

57 RPRET\_IM 1 1 2 3

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

% \$/MFTU \$/MFTU  
 FUEL ID FUEL ID 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	-----				
-----	YEAR 2011	-----				
-----	YEAR 2012	-----				
-----	YEAR 2013	-----				
-----	YEAR 2014	-----				
-----	YEAR 2015	-----				

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

MINIMUM BURN PCT	\$/MBTU			
UNIT FUEL TYPE	FUEL ID			
58	58	100.00	0.00	0.00
		0.06	0.00	0.00
		58	0	0

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

58	59	ROCKP_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	-----			

59	ROCKP_IM	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	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.06	0.00	0.00
UNIT FUEL TYPE	FUEL ID	59	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	-----		





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

61	STUART	1	2	3
	STUART	1	2	3

YEAR	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		

62	STUART	1	2	3
	STUART	1	2	3

MINIMUM BURN PCT  
UNIT FUEL AUXILIARY COSTS  
UNIT FUEL TYPE

%	\$/MBTU	FUEL ID
100.00	0.00	0
0.06	0.00	62
	0.00	0

YEAR	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		

63	STUART	1	2	3
	STUART	1	2	3

MINIMUM BURN PCT  
UNIT FUEL AUXILIARY COSTS

%	\$/MBTU	1	2	3
100.00	0.00	0	0	0
0.06	0.00	0	0	0

UNIT FUEL TYPE	FUEL ID	63	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	64	STUART	1	4	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						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT	65	AMOS_AP	1	3	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	0.08	0.00	0.00
UNIT FUEL TYPE	FUEL ID	3	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 66 TANN 1-3 1 1 2 3  
 UNIT FUELS

----- YEAR 2011 -----  
 MINIMUM BURN PCT 100.00  
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.24  
 UNIT FUEL TYPE FUEL ID 66 0 0 0  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----

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 UNIT FUELS	66	TANN 1-3	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 -----					

THEMAL UNIT UNIT FUELS	67	TANN 1-3	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 -----					
----- 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 UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.24 67	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 = 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 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				

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

----- THERMAL UNIT 71 ROBTMONE 1 1 2 3  
UNIT FUELS

----- YEAR 2011 -----  
MINIMUM BURN PCT 0.00  
UNIT FUEL AUXILIARY COSTS 0.00  
UNIT FUEL TYPE 71 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.

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	-----		

72	ROBTMONE	1	2	3
-----	YEAR 2011	-----		

71	ROBTMONE	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	-----		

71	ROBTMONE	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	-----		



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	73	ROBMONR	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	75	CEREDO	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	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	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 = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	77	CEREDO	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						

THERMAL UNIT	78	CEREDO	1	4	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	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	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					



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	79	CEREDO	1	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	80	CEREDO	1	6	2	3
UNIT FUELS						

YEAR	MINIMUM BURN PCT	UNIT FUEL AUXILIARY COSTS	% \$/MBTU	FUEL ID
YEAR 2011	100.00	0.00	0.00	0
YEAR 2012	0.00	0.00	0.00	0
YEAR 2013	72	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				

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

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 PRT																													
UNIT FUEL AUXILIARY COSTS																													
UNIT FUEL TYPE																													
81																													
DARBY																													
1																													
2																													
3																													
100.00																													
0.00																													
0.00																													
0.00																													
0																													
72																													

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	81	DARBY	1	2	3
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT UNIT FUELS	82	DARBY	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
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 UNIT FUELS	83	DARBY	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
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  
 UNIT FUELS

84                    DARBV    1    4                    2                    3

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

MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

8                    \$/MBTU                    100.00                    0.00                    0.00  
 FUEL ID                    0.00                    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	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

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 0 0  
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	-----						
	THERMAL UNIT		86	DARBY	1	6	2	3
	UNIT FUELS							
-----	YEAR 2011	-----						
MINIMUM	BURN PCT		%	100.00			0.00	0.00
UNIT FUEL	AUXILIARY COSTS		\$/MFTU	0.00			0.00	0.00
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	-----						

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

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.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 87 LMBG WIN 1 1 2 3  
UNIT FUELS

YEAR	MINIMUM BURD PCT	UNIT FUEL AUXILIARY COSTS	UNIT FUEL TYPE	% \$/MBTU FUEL ID	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							

THERMAL UNIT 88 LMBG WIN 1 2 2 3  
UNIT FUELS

YEAR	MINIMUM BURD PCT	UNIT FUEL AUXILIARY COSTS	% \$/MBTU	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						

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	89	LMBG SMR	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					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT	90	LMBG SMR	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					

MINIMUM BURN PCT	%				
UNIT FUEL AUXILIARY COSTS	\$/MBTU				
UNIT FUEL TYPE	FUEL ID				
YEAR 2011	100.00				
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 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

----- THERMAL UNIT 91 WATER CC 1 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 -----

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

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	91	WATR CC	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	92	WATR2	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	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.

UNIT FUELS	93	DRESDEN	1	2	3
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT	94	DRESD2	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 AUXILIARY COSTS	FUEL ID	73	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	101	NUCLEAR	1	2	3
UNIT FUELS					
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					



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  
UNIT FUELS

103 FC\_UL\_SU 1 1 2 3

YEAR 2011	%	100.00	0.00	0.00
MINIMUM BORN FCR	\$/MBTU	0.00	0.00	0.00
UNIT FUEL ADXILIARY COSTS	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	-----				
	THERMAL UNIT		104	UPC_RCCS	1	1
	UNIT FUELS				2	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			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 = 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	IGCC_NCCS	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 BURR PCT UNIT FUEL TYPE	%	\$/MBTU FUELS 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	106	IGCC GE	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					
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YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

MINIMUM BURR 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	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 = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	107	IGC_RCCS 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	108	CC 2X1FB 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 109 CC 2x1FA 1 1 2 3 -----  
 UNIT FUELS

----- YEAR 2011 -----  
 MINIMUM BURN FCT 100.00  
 UNIT FUEL AUXILIARY COSTS 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 -----

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	109	CC 2x1PA	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	110	CC 1x17H	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 PGT	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MSTU	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	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	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				111																									
UNIT FUEL AUXILIARY COSTS																													
UNIT FUEL TYPE																													
BS2_CC				1	1																								
%																													
\$/MBTU				0.00	0.00																								
FUEL ID				65	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	111	BS2_CC	1	2	3
-----	YEAR 2036	-----			
-----	YEAR 2037	-----			
-----	YEAR 2038	-----			
-----	YEAR 2039	-----			
-----	YEAR 2040	-----			

THERMAL UNIT UNIT FUELS	114	CT	GETFA	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	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	115	CT	GETFA	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 0.00 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	-----		



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	124	BS2_FGD	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	125	BS1_FGD	1	2	3
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YEAR 2011	%	100.00	0.00	0.00
MINIMUM BURN PCT	\$/MBTU	0.05	0.00	0.00
UNIT FUEL AUXILIARY COSTS	FUEL ID	5	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 -----				





AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	126	127	128
YEAR 2029			
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

126 CSV5\_SCR 1 5 2 3

127 CSV6\_SCR 1 6 2 3

YEAR	129	130	131	132
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

129 CRL\_NGCC 1 1 2 3

MINIMUM BURR 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.

THERMAL UNIT UNIT FUELS	130	CR2_NGCC 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					

THERMAL UNIT UNIT FUELS	131	MR5_NGCC 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					

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



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

----- THERMAL UNIT 132 MRS\_FGD 1 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 133 RPID\_IM 1 1 2 3  
UNIT FUELS

----- YEAR 2011 -----  
MINIMUM BURN PCT 100.00 0.00 0.00  
UNIT FUEL AUXILIARY COSTS \$/MFTU 0.06 0.00 0.00  
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	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				100.00																								
UNIT FUEL ADXILIARY COSTS				0.06																								
UNIT FUEL TYPE				59																								
HERMAL UNIT																												
UNIT FUELS				134																								
RP2D_IM				1	2																							
FUEL ID																												

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 -----

134 RP2D\_IM 1 2 3

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

135 TAN4\_FGD 1 4 2 3  
-----  
MINIMUM BURN PCT 100.00 0.00 0.00  
UNIT FUEL AUXILIARY COSTS 0.29 0.00 0.00  
UNIT FUEL TYPE 69 0 0  
FUEL ID

-----  
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

-----  
MINIMUM BURN PCT 100.00 0.00 0.00  
UNIT FUEL AUXILIARY COSTS 0.06 0.00 0.00  
UNIT FUEL TYPE 58 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	-----
-----	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 2011	-----	137	RP2D_KP	1	2	2	3
-----	YEAR 2012	-----						
-----	YEAR 2013	-----						
-----	YEAR 2014	-----						
-----	YEAR 2015	-----						

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

-----	YEAR 2011	-----	100.00	0.00	0.00
-----	YEAR 2012	-----	0.06	0.00	0.00
-----	YEAR 2013	-----	\$9	0	0



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	137	RP2D_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	144	TC4_ESP	1	4	2	3
----------------------------	-----	---------	---	---	---	---

MINIMUM BURN PCT UNIT FUEL ADJUXILIARY COSTS UNIT FUEL TYPE	%	\$/MBTU				
YEAR 2011	100.00	0.00				
YEAR 2012	0.29	0.00				
YEAR 2013	69	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	-----				



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	145	146	147
YEAR 2029			
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

THERMAL UNIT 145 A390% AP 1 3 2 3

THERMAL UNIT 146 A390%OP 1 3 2 3

MINIMUM BURN PCT 100.00 0.00 0.00  
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.11 0.00 0.00  
 UNIT FUEL TYPE 3 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 147 MTN\_90% 1 1 2 3

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 -----				
----- 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	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 = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	150	GV1_908	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_908	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 AOXILIARY COSTS UNIT FUEL TYPE	%	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	-----	-----	-----	-----





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	153	MTN_188	1	2	3
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

UNIT FUELS	154	CC_FA_KP	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 FUEL TYPE	%	\$/MBTU	FUEL ID	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						

UNIT FUELS	155	CT_OHIO	1	2	3
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					

UNIT FUEL TYPE	%	\$/MBTU	FUEL ID	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 -----
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----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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THERMAL UNIT          156      CC_OH      1      1      2      3
UNIT FUELS

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```

----- YEAR 2011 -----
MINIMUM BURN PCT          100.00
UNIT FUEL AUXILIARY COSTS  0.00
UNIT FUEL TYPE           72          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 = GAP.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 157 CT\_IDM 1 1 2 3  
UNIT FUELS

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 2030

-----	YEAR 2031	-----				
-----	YEAR 2032	-----				
-----	YEAR 2033	-----				
-----	YEAR 2034	-----				
-----	YEAR 2035	-----				
-----	YEAR 2036	-----				
-----	YEAR 2037	-----				
-----	YEAR 2038	-----				
-----	YEAR 2039	-----				
-----	YEAR 2040	-----				
	THERMAL UNIT		158	CC_1M	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	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	-----				

NOTE: DATA 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	158	CC_1&M 1 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\_1&PCO 1 1 2 3  
UNIT FUELS

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				
YEAR 2038				
YEAR 2039				
YEAR 2040				

THERMAL UNIT 160 CC\_1&PCO 1 1 2 3  
UNIT FUELS

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.

MINIMUM BURN PCT	UNIT FUEL TYPE	UNIT FUEL TYPE	UNIT FUEL TYPE
YEAR 2011	161	CC_KPCO	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	UNIT FUEL TYPE	UNIT FUEL TYPE	UNIT FUEL TYPE
YEAR 2011	162	CC_KPCO	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			

MINIMUM BURN PCT	UNIT FUEL TYPE	UNIT FUEL TYPE	UNIT FUEL TYPE
YEAR 2011	100.00	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





AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	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 UNIT FUELS	164	BS2 FGD 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 AUXILIARY COSTS UNIT FUEL TYPE	%	\$/MBTU FUEL ID	100.00 0.05 32	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 = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	165	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
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 UNIT FUELS	168	IGCC AP 1	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		45		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	-----				
-----	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	-----				

MINIMUM BURN FUEL UNIT FUEL TYPE	PC_UF_AP	1	2	3
169	1	1		
100.00			0.00	0.00
0.00			0.00	0.00
45			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	PC_UF_AP	1	2	3
YEAR 2016	169			
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
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

170 Nuke\_AP 1 1 2 3

MINIMUM BURN PCT  
UNIT FUEL AUXILIARY COSTS  
UNIT FUEL TYPE

%	100.00	0.00	0.00
\$/MBTU	0.00	0.00	0.00
FUEL ID	25	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				



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

YEAR	UNIT FUELS	IGCC IM	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 172 PC\_UT\_IM 1 1 2 3  
UNIT FUELS

YEAR	MINIMUM BURN PCT	\$/MBTU	100.00	0.00	0.00
YEAR	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 2031	-----				
YEAR 2032	-----				
YEAR 2033	-----				
YEAR 2034	-----				
YEAR 2035	-----				
YEAR 2036	-----				
YEAR 2037	-----				
YEAR 2038	-----				
YEAR 2039	-----				
YEAR 2040	-----				

THERMAL UNIT 173 NUKE\_IM 1 1 2 3  
UNIT FUELS

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

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.



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	174	IGCC KP	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	175	PC_UL_KP	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 -----

MINIMUM BURN PCT	176	NUKE_KP	1	1	2	3
UNIT FUEL AUXILIARY COSTS						
UNIT FUEL TYPE	\$/MBTU					
FUEL ID						
----- YEAR 2011 -----		100.00		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

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	NUKE_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 UNIT FUEL TYPE	%	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	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				100.00																									
UNIT FUEL, AUXILIARY COSTS				0.00																									
UNIT FUEL TYPE				45																									
PC_DP_OH				1																									
MINIMUM BURN PCT				0.00																									
UNIT FUEL, AUXILIARY COSTS				0.00																									
UNIT FUEL TYPE				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	178	FC_UH_OH 1	1	2	3
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT UNIT FUELS	179	NUKE_OH 1	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		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					

THERMAL UNIT UNIT FUELS	181	RP1D_03 1	1	2	3
YEAR 2011					
MINIMUM BURN PCT		100.00		0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.06		0.00	0.00
UNIT FUEL TYPE		80		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 -----

182                    RPID\_04    1    1    2    3

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

MINIMUM BURN FUEL                    \$/MBTU                    100.00                    0.00                    0.00  
 UNIT FUEL AUXILIARY COSTS            0.06                      0.00                      0.00  
 UNIT FUEL TYPE                        60                         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 UNIT FUELS	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

MINIMUM BURN PCT  
UNIT FUEL AUXILIARY COSTS  
UNIT FUEL TYPE

%  
\$/MBTU  
FUEL ID

100.00  
0.06  
60

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	MINIMUM BURN PCT	UNIT FUEL	AXILIARY COSTS	FUELS	REPID_20	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	184				REPID_20	1	2	3
UNIT FUELS								
YEAR 2011								
MINIMUM BURN PCT		100.00					0.00	0.00
UNIT FUEL		0.06					0.00	0.00
AXILIARY COSTS		60					0	0
FUELS								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								

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





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 = GAP.INPUT.THERMAL UNIT.

UNIT FUELS	187	RP2TR_IM	1	2	2	3
----- 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 BURD 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	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 -----						





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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.

UNIT	YEAR	190	T4_TRONA	4	2	3
THERMAL UNIT						
UNIT FUELS						
UNIT FUEL AUXILIARY COSTS	YEAR 2032	\$/MBTU	0.28	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2033	\$/MBTU	0.29	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2034	\$/MBTU	0.29	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2035	\$/MBTU	0.30	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2036	\$/MBTU	0.31	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2037	\$/MBTU	0.32	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2038	\$/MBTU	0.33	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2039	\$/MBTU	0.34	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2040	\$/MBTU	0.35	0.00	0.00	0.00
THERMAL UNIT		191	T4_TRONA	4		
UNIT FUELS					2	3
MINIMUM BURN PCT	YEAR 2011	%	100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		\$/MBTU	0.15	0.00	0.00	0.00
UNIT FUEL TYPE		FUEL ID	69	0	0	0
UNIT FUEL AUXILIARY COSTS	YEAR 2012	\$/MBTU	0.16	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2013	\$/MBTU	0.16	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2014	\$/MBTU	0.17	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2015	\$/MBTU	0.17	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2016	\$/MBTU	0.18	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2017	\$/MBTU	0.18	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2018	\$/MBTU	0.19	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2019	\$/MBTU	0.19	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2020	\$/MBTU	0.20	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2021	\$/MBTU	0.20	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2022	\$/MBTU	0.21	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2023	\$/MBTU	0.22	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2024	\$/MBTU	0.22	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2025	\$/MBTU	0.23	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2026	\$/MBTU	0.23	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2027	\$/MBTU	0.24	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2028	\$/MBTU	0.25	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2029	\$/MBTU	0.26	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2030	\$/MBTU	0.26	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2031	\$/MBTU	0.27	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2032	\$/MBTU	0.27	0.00	0.00	0.00

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UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.28	0.00	0.00
----- YEAR 2033 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29	0.00	0.00
----- YEAR 2034 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29	0.00	0.00
----- YEAR 2035 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30	0.00	0.00
----- YEAR 2036 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.31	0.00	0.00
----- YEAR 2037 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.32	0.00	0.00
----- YEAR 2038 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.33	0.00	0.00
----- YEAR 2039 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.34	0.00	0.00
----- YEAR 2040 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.35	0.00	0.00
----- YEAR 2011 -----				
MINIMUM BURN ECF	%	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 -----				

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MR\_STKR1 1 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 = 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	224	MR_STKR2	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			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					

UNIT FUELS	228	AMS3_SI	1	3	2	3
----- 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 = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	228	AMS3_ST	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
----- YEAR 2040 -----						
THERMAL UNIT	229	BS2_SI	1	2	3	
UNIT FUELS						
----- YEAR 2011 -----						
MINIMUM BURN PCT	%		89.97		10.03	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.01		0.00	0.00
UNIT FUEL TYPE	FUEL ID		6		612	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		0.01		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		0.02		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 -----						
----- YEAR 2023 -----						
----- YEAR 2024 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- 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
----- YEAR 2040 -----						
THERMAL UNIT	230	MRS_CF	1	5	2	3
UNIT FUELS						
----- YEAR 2011 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00		0.00	0.00

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 = GAP\_INPOT.THERMAL\_UNIT.

UNIT FUELS	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
THERMAL UNIT	230	MRS_CF 5	2	3	
UNIT FUELS		MRS_CF 1	5		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	
YEAR 2040					
THERMAL UNIT	231	MRS_SI 1	5	2	3
UNIT FUELS					
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	50	623	609	
YEAR 2011					
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					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
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	
YEAR 2040					

UNIT FUELS	YEAR 2011	RPTI_CF 1	1	2	3
THERMAL UNIT	232				
UNIT FUELS					
MINIMUM BURN PCT	%	98.00	2.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	58	58	0	

4-Company Past 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
\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU
0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
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	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 = GAP.INPUT.THERMAL UNIT.

UNIT FUELS	YEAR 2038	YEAR 2039	YEAR 2040
THERMAL UNIT	232	233	234
UNIT FUELS	RPT1_CP 1	RPT2_CF 1	RPT1_SI 1
	1	2	2
	2	3	3
UNIT FUEL AUXILIARY COSTS	0.00	0.00	0.00
UNIT FUEL TYPE			
YEAR 2011			
MINIMUM BURN PCT	98.00	2.00	0.00
UNIT FUEL AUXILIARY COSTS	0.00	0.00	0.00
UNIT FUEL TYPE	59	59	0
YEAR 2012			
UNIT FUEL AUXILIARY COSTS	0.00	0.00	0.00
UNIT FUEL TYPE	59	625	0
YEAR 2013			
UNIT FUEL AUXILIARY COSTS	0.00	0.00	0.00
YEAR 2014			
UNIT FUEL AUXILIARY COSTS	0.00	0.00	0.00
YEAR 2015			
UNIT FUEL AUXILIARY COSTS	0.00	0.00	0.00
YEAR 2016			
UNIT FUEL AUXILIARY COSTS	0.00	0.00	0.00
YEAR 2017			
UNIT FUEL AUXILIARY COSTS	0.00	0.00	0.00
YEAR 2018			
UNIT FUEL AUXILIARY COSTS	0.02	0.00	0.00
YEAR 2019			
UNIT FUEL AUXILIARY COSTS	0.02	0.00	0.00
YEAR 2020			
UNIT FUEL AUXILIARY COSTS	0.02	0.00	0.00
YEAR 2021			
UNIT FUEL AUXILIARY COSTS	0.02	0.00	0.00
YEAR 2022			
UNIT FUEL AUXILIARY COSTS	0.02	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			
UNIT FUEL AUXILIARY COSTS	0.00	0.00	0.00
YEAR 2040			
THERMAL UNIT	234	RPT1_SI 1	2
UNIT FUELS	1	1	3
YEAR 2011			
MINIMUM BURN PCT	89.97	10.03	0.00
UNIT FUEL AUXILIARY COSTS	0.00	0.00	0.00
UNIT FUEL TYPE	58	58	624
YEAR 2012			
UNIT FUEL AUXILIARY COSTS	0.00	0.00	0.00
UNIT FUEL TYPE	58	624	624

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	0.02	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.



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

UNIT FUELS	234	RPT1_SI	1	2	3
YEAR 2039					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00
YEAR 2040					
THERMAL UNIT	235	RPT2_SI	1	2	3
UNIT FUELS					
YEAR 2011					
MINIMUM BURN PCT	%	89.97	10.03	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	59	59	625	625
YEAR 2012					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	59	625	625	625
YEAR 2013					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00
YEAR 2014					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00
YEAR 2015					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00
YEAR 2016					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00
YEAR 2017					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00
YEAR 2018					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	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					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2023					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2024					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2025					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2026					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2027					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2028					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2029					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2030					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2031					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2032					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2033					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2034					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2035					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2036					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2037					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2038					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2039					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
YEAR 2040					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00
THERMAL UNIT	251	DC1_HPT	1	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	0.00
UNIT FUEL TYPE	FUEL ID	25	0	0	0
YEAR 2012					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00
YEAR 2013					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00
YEAR 2014					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- THERMAL UNIT 252 DC1\_IS 1 1 2 3  
UNIT FUELS

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

THERMAL UNIT 253 DC1\_BFF 1 1 2 3  
UNIT FUELS

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



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

----- YEAR 2026 -----  
 THERMAL UNIT 254 DCI\_17 1 1 2 3  
 UNIT FUELS

----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- 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 DCI\_3800 1 1 2 3  
 UNIT FUELS

YEAR	MINIMUM BURR PCT	UNIT FUEL AUXILIARY COSTS	UNIT FUEL TYPE	% S/MBTU FUEL ID	1	2	3
YEAR 2011	100.00	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 2038	0.00	0.00		0.00			0.00
YEAR 2039	0.00	0.00		0.00			0.00
YEAR 2040	0.00	0.00		0.00			0.00

THRMAL UNIT	257	DC2_HPT	1	2	3
UNIT FUELS					
----- YEAR 2011 -----					
MINIMUM BURN PCF	%	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	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 -----					

NOTE: DATA 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	260	DC2_3800	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	-----

THERMAL UNIT	269	BIGSD_15	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	5	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 -----

YEAR	MINIMUM BURN PCT	UNIT FUEL, AUXILIARY COSTS	UNIT FUEL TYPE	% S/MBTU FUEL ID	BIGSD_GP	1	2	3
YEAR 2011					270	1	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								

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

ARP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

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

270	BIGSD_GP	1	2	3
		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	-----

271	CIN_Q_HM	1	2	3
		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	-----

272	CIN_Q_15	1	2	3
		1		

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



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT	273	CIN_Q_HH	1	2	3
UNIT FUELS					

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

THERMAL UNIT	274	CIN_Q_15	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	17	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 2011 -----  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----

-----	YEAR 2027	-----							
-----	YEAR 2028	-----							
-----	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	-----	275	CIN_Q_HM	1	3	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	-----							

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



YEAR 2040	277	CVL_3_HM	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		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

QUADPLIER = GAF.INPUT.THERMAL UNIT.

YEAR	UNIT	FUELS	277	CVL_3_HM	1	3	2	3
YEAR 2038	THERMAL UNIT							
YEAR 2039	THERMAL UNIT							
YEAR 2040	THERMAL UNIT							
YEAR 2038	THERMAL UNIT		278	CVL_3_10	1	3	2	3
YEAR 2039	THERMAL UNIT							
YEAR 2040	THERMAL UNIT							
YEAR 2011	MINIMUM BURN PCT				100.00		0.00	0.00
YEAR 2012	UNIT FUEL AUXILIARY COSTS				0.00		0.00	0.00
YEAR 2013	UNIT FUEL TYPE				21		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 2011	THERMAL UNIT		279	GIN_5_HM	1	5	2	3
YEAR 2012	THERMAL UNIT							
YEAR 2013	THERMAL UNIT							
YEAR 2014	THERMAL UNIT							
YEAR 2015	THERMAL UNIT							
YEAR 2016	THERMAL UNIT							
YEAR 2017	THERMAL UNIT							
YEAR 2018	THERMAL UNIT							
YEAR 2019	THERMAL UNIT							
YEAR 2011	MINIMUM BURN PCT				100.00		0.00	0.00
YEAR 2012	UNIT FUEL AUXILIARY COSTS				0.00		0.00	0.00
YEAR 2013	UNIT FUEL TYPE				29		0	0



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 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 281 GIN\_5\_HM 1 6 2 3  
UNIT FUELS

----- YEAR 2011 -----  
MINIMUM BURR PCT 100.00 0.00 0.00  
UNIT FUEL AUXILIARY COSTS 0.00 0.00 0.00  
UNIT FUEL TYPE 30 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 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
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 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

----- THERMAL UNIT 285 KWR\_F\_HM 1 2 3  
 UNIT FUELS

----- YEAR 2011 -----  
 MINIMUM BURN PCT 100.00  
 UNIT FUEL AUXILIARY COSTS \$/MBTU 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	YEAR 2011	YEAR 2012	YEAR 2013	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															

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
286															

UNIT FUELS

286 KMR\_F\_GP 1 2 3

MINIMUM BURN PCT  
UNIT FUEL ADDITIONAL COSTS  
UNIT FUEL TYPE

%  
\$/MBTU  
FUEL ID  
100.00  
0.00  
34  
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	





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	287	KMR_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 UNIT FUELS	288	KMR_F_GP 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	-----				

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

THERMAL UNIT UNIT FUELS	289	KWA_1_HM 1	2	3
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				
THERMAL UNIT UNIT FUELS	290	KWA_1_15 1	2	3

YEAR 2011	%	100.00	0.00	0.00
MINIMUM BURN PCT	\$/MPTU	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	FUEL ID	36	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	291	KWA_2_HM 1	2	3
YEAR 2011				
MINIMUM BURN PCT	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MPTU	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	37	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	-----							

292 KWA\_2\_15 1 2 2 3

-----  
THERMAL UNIT  
UNIT FUELS

MINIMUM BURH PGT  
UNIT FUEL AUXILIARY COSTS  
UNIT FUEL TYPE

%  
\$/MBTU  
FUEL ID  
100.00  
0.00  
37  
0.00  
0.00  
0  
0.00  
0.00  
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.

UNIT FUELS	292	KWA_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

MSKRL HM 1 1

2

3

MINIMUM BURN PCT  
UNIT FUEL AUXILIARY COSTS  
UNIT FUEL TYPE

%  
\$/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 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	-----							

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	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 3

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

296 MSKR2\_12 1 2 3

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

4-Company Best Optimization

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
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----- YEAR 2025 -----  
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----- YEAR 2028 -----  
----- 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.

UNIT FUELS	297	MSKR3_GP	1	3	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		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 -----						
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----- YEAR 2024 -----						
----- YEAR 2025 -----						
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----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						
----- YEAR 2011 -----	298	MSR3M_12	1	3	2	3
THERMAL UNIT						
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		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 -----  
 ----- YEAR 2029 -----  
 ----- 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

MSKRA\_GP 1 4

2

3

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

%  
 \$/MBTU  
 FUEL ID

100.00  
 0.00  
 49

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 -----

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	299	MSKRD_GP 1	4	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	300	MAHM_12	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 -----						

MINIMUM BURN PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	%	\$/MBTU	FUEL ID	1	2	3
----- YEAR 2011 -----	100.00	0.00	0.00			
----- YEAR 2012 -----	0.00	0.00	0.00			
----- YEAR 2013 -----	49	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 -----						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	301	PICWV_HM 1 5	2	3
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

THERMAL UNIT UNIT FUELS	302	PICWV_GP 1 5	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		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
YEAR 2011				
MINIMUM BURN PCT		100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00
UNIT FUEL TYPE		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 = GAP.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  
UNIT FUELS

305	SP2_F_HM	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 FUEL  
UNIT FUEL AUXILIARY COSTS  
UNIT FUEL TYPE

\$/MFTU	%	FUEL ID
100.00	0.00	0
0.00	0.00	52
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		306	SP2_F_15	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			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	-----							

NOTE: DATA 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	306	SP2_Q_15 1	2	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 307 SP3\_Q\_15 1 3 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	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				

THERMAL UNIT 308 SP3\_Q\_15 1 3 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	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.

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

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

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

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

----- THERMAL UNIT  
 UNIT FUELS -----

311 SPS\_HM 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 -----

MINIMUM BURN PCT 100.00 0.00 0.00  
 UNIT FUEL AUXILIARY COSTS \$/MFTU 0.00 0.00 0.00  
 UNIT FUEL TYPE FUEL ID 55 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.

THEMAL UNIT UNIT FUELS	311	SP5_HM	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 -----						

THEMAL UNIT UNIT FUELS	312	SP5_15	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	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	55	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 -----				



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

UNIT FUELS	313	TNR_F_HM	1	2	3
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT					
UNIT FUELS	314	TNR_F_15	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	66	0	0	0
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
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	315	TNR_F_HM	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	67	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	-----							
	HEATING UNIT		316	TNR_F_15	2	2	3		
	UNIT FUELS			1	2				
-----	YEAR 2011	-----							
MINIMUM	BORN PCT			100.00		0.00	0.00		
UNIT FUEL	AUXILIARY COSTS			0.00		0.00	0.00		
UNIT FUEL	TYPE			67		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	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\_HM 1 3

YEAR	MINIMUM BURN PCT	UNIT FUEL ADXILIARY COSTS	UNIT FUEL TYPE	FUEL ID	%	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	MINIMUM BURN PCT	UNIT FUEL ADXILIARY COSTS	UNIT FUEL TYPE	FUEL ID	%	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	-----							
	THERMAL UNIT		318	TNR_F_15	1	3	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	68			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	318	TNR_P_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 AUXILIARY COSTS UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.00 56	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 320 RHILLS 1 1 2 3  
UNIT FUELS

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	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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

UNIT FUELS	364	1	0	2	3
MINIMUM BURN PCT		100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.11	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	58	0	0	0
----- YEAR 2011 -----					
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	DURMY_OP	1	0	3
UNIT FUELS					
MINIMUM BURN PCT	%	0.00	0.00	0.00	0.00

4-Company East Optimization

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

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.

MINIMUM BURN PCT 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	YEAR 2023	YEAR 2024
501	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
502	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
503	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
504	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
505	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
506	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
507	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
508	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
509	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
510	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
511	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
512	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
513	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
514	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
515	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
516	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
517	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
518	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
519	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
520	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
521	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
522	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
523	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
524	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
525	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
526	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
527	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
528	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
529	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
530	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
531	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
532	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
533	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
534	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
535	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
536	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
537	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
538	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
539	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
540	0.00	0.00	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 UNIT FUELS	501	DUMMY_AP	1	0	2	3
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





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	503	DORMY_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					

THERMAL UNIT 958 CC\_KPCO 1 958 2 3  
UNIT FUELS

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 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	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																															
UNIT FUEL AUXILIARY COSTS																															
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	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035						
-----	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	959	
-----	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	
-----	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	
-----	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
-----	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

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 ----- 962 CSV5\_SCR 962 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 963 DUMMY\_OP 1 963 2 3  
UNIT FUELS

----- 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 -----

----- 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	964	DUMY_OP 1 964	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 RP1D\_03 965  
UNIT FUELS 1 2 3

YEAR 2011  
MINIMUM BURN PCT 100.00 0.00 0.00  
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.06 0.00 0.00  
UNIT FUEL TYPE 80 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 966 RP1D\_KP 966  
UNIT FUELS 1 2 3

YEAR 2011  
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	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

QUANTITY = GAF.INPUT.THERMAL UNIT.

YEAR	MINIMUM BURN PCT	UNIT FUEL AUXILIARY COSTS	UNIT FUEL TYPE	% \$/MBTU FUEL ID	BS2 FGD	CR2_NGCC
YEAR 2011	100.00	0.00	0	0.00	1	2
YEAR 2012	0.05	0.00	0	0.00	1	2
YEAR 2013	0.05	0.00	0	0.00	1	2
YEAR 2014	0.05	0.00	0	0.00	1	2
YEAR 2015	0.05	0.00	0	0.00	1	2
YEAR 2016	0.05	0.00	0	0.00	1	2
YEAR 2017	0.05	0.00	0	0.00	1	2
YEAR 2018	0.05	0.00	0	0.00	1	2
YEAR 2019	0.05	0.00	0	0.00	1	2
YEAR 2020	0.05	0.00	0	0.00	1	2
YEAR 2021	0.05	0.00	0	0.00	1	2
YEAR 2022	0.05	0.00	0	0.00	1	2
YEAR 2023	0.05	0.00	0	0.00	1	2
YEAR 2024	0.05	0.00	0	0.00	1	2
YEAR 2025	0.05	0.00	0	0.00	1	2
YEAR 2026	0.05	0.00	0	0.00	1	2
YEAR 2027	0.05	0.00	0	0.00	1	2
YEAR 2028	0.05	0.00	0	0.00	1	2
YEAR 2029	0.05	0.00	0	0.00	1	2
YEAR 2030	0.05	0.00	0	0.00	1	2
YEAR 2031	0.05	0.00	0	0.00	1	2
YEAR 2032	0.05	0.00	0	0.00	1	2
YEAR 2033	0.05	0.00	0	0.00	1	2
YEAR 2034	0.05	0.00	0	0.00	1	2
YEAR 2035	0.05	0.00	0	0.00	1	2
YEAR 2036	0.05	0.00	0	0.00	1	2
YEAR 2037	0.05	0.00	0	0.00	1	2
YEAR 2038	0.05	0.00	0	0.00	1	2
YEAR 2039	0.05	0.00	0	0.00	1	2
YEAR 2040	0.05	0.00	0	0.00	1	2

YEAR	MINIMUM BURN PCT	UNIT FUEL AUXILIARY COSTS	UNIT FUEL TYPE	% \$/MBTU FUEL ID	CR2_NGCC
YEAR 2011	100.00	0.00	0	0.00	1
YEAR 2012	0.11	0.00	0	0.00	1
YEAR 2013	0.11	0.00	0	0.00	1
YEAR 2014	0.11	0.00	0	0.00	1
YEAR 2015	0.11	0.00	0	0.00	1
YEAR 2016	0.11	0.00	0	0.00	1
YEAR 2017	0.11	0.00	0	0.00	1
YEAR 2018	0.11	0.00	0	0.00	1
YEAR 2019	0.11	0.00	0	0.00	1
YEAR 2020	0.11	0.00	0	0.00	1
YEAR 2021	0.11	0.00	0	0.00	1
YEAR 2022	0.11	0.00	0	0.00	1
YEAR 2023	0.11	0.00	0	0.00	1
YEAR 2024	0.11	0.00	0	0.00	1



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	969	CRI_NGCC 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	970	MRS_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				

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 2037

YEAR	MINIMUM BURN PCT	UNIT FUEL TYPE	971	DUMMY_OP	971	2	3
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT							
UNIT FUELS			971	DUMMY_OP	1	2	3
YEAR 2011							
MINIMUM BURN PCT				0.00		0.00	0.00
UNIT FUEL AUXILIARY COSTS		\$/MWH		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							

NOTE: DATA 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 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

971 DUMMY\_OP 1 971 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 -----

972 DUMMY\_OP 1 972 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 -----

% \$/MBTU 0.00 0.00 0.00  
 \$/MBTU 0.00 0.00 0.00  
 FUEL ID 0 0 0

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

973 DUMMY\_OP 1 973 2 3

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

% \$/MBTU 0.00 0.00 0.00  
 \$/MBTU 0.00 0.00 0.00  
 FUEL ID 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 974 DUMMY\_OP 974  
UNIT FUELS 1 2 3

-----	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

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	974	DUMMY_OP 1	974	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	975	DUMMY_OP 1	975	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					





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

YEAR	UNIT FUELS	DUMMY_OP
YEAR 2029	976	1 976
YEAR 2030		2
YEAR 2031		3
YEAR 2032		
YEAR 2033		
YEAR 2034		
YEAR 2035		
YEAR 2036		
YEAR 2037		
YEAR 2038		
YEAR 2039		
YEAR 2040		

THERMAL UNIT  
UNIT FUELS

YEAR	DUMMY_OP
YEAR 2011	1 977
YEAR 2012	2
YEAR 2013	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	

MINIMUM BURN 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	UNIT FUELS	DUMMY_OP
YEAR 2011	978	1 978
YEAR 2012		2
YEAR 2013		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		

THERMAL UNIT  
UNIT FUELS

YEAR	DUMMY_OP
YEAR 2011	1 978
YEAR 2012	2
YEAR 2013	3

MINIMUM BURN PCT  
UNIT FUEL AUXILIARY COSTS

%	\$/MBTU
0.00	0.00
0.00	0.00
0.00	0.00

4-Company East Optimization

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.

THERMAL UNIT UNIT FUELS	979	DUMMY_OP 1	979	2	3
YEAR 2011					
MINIMUM BURN PCT		0.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00	0.00
UNIT FUEL TYPE		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 UNIT FUELS	980	DUMMY_OP 1	980	2	3
YEAR 2011					
MINIMUM BURN PCT		0.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00	0.00
UNIT FUEL TYPE		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					



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	UNIT FUELS	981	DUMMY_OP	981	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	982	DUMMY_OP	982	2	3
--------------	------------	-----	----------	-----	---	---

MINIMUM BURN PCT	UNIT FUEL AUXILIARY COSTS	%	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	\$/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 2031	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---

YEAR	MINIMUM BURN PCT UNIT FUEL TYPE	983	DUMMY_OP 1 983	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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	983	DUMMY_OP 1 983	2	3
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

THERMAL UNIT UNIT FUELS	984	DUMMY_OP 1 984	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	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 -----				

THERMAL UNIT UNIT FUELS	985	DUMMY_OP 1 985	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	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	MINIMUM BORN PCT	UNIT FUEL	ADJ. FUEL TYPE	AUXILIARY COSTS	DUMMY_OP
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
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	986				DUMMY_OP 1
MINIMUM BORN PCT UNIT FUEL ADJ. FUEL TYPE AUXILIARY COSTS	\$/MBTU FUEL ID	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	2 3
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.

THERMAL UNIT UNIT FUELS	986	DUMMY_OP 1 986	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 987 DUMMY\_OP 987  
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 -----			
----- YEAR 2018 -----			
----- YEAR 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	AXILIARY COSTS	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									
UNIT FUELS					988		DUMMY_OP	988	
							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	988	1
YEAR 2030	988	2
YEAR 2031	988	3
YEAR 2032	988	1
YEAR 2033	988	2
YEAR 2034	988	3
YEAR 2035	988	1
YEAR 2036	988	2
YEAR 2037	988	3
YEAR 2038	988	1
YEAR 2039	988	2
YEAR 2040	988	3

THERMAL UNIT  
UNIT FUELS

989 DUMMY\_OP 989  
1 2 3

MINIMUM BURN PCT  
UNIT FUEL AUXILIARY COSTS  
UNIT FUEL TYPE

%  
\$/MBTU  
FUEL ID  
0.00 0.00 0.00  
0.00 0.00 0.00  
0 0 0

YEAR 2011	989	1	2	3
YEAR 2012	989	1	2	3
YEAR 2013	989	1	2	3
YEAR 2014	989	1	2	3
YEAR 2015	989	1	2	3
YEAR 2016	989	1	2	3
YEAR 2017	989	1	2	3
YEAR 2018	989	1	2	3
YEAR 2019	989	1	2	3
YEAR 2020	989	1	2	3
YEAR 2021	989	1	2	3
YEAR 2022	989	1	2	3
YEAR 2023	989	1	2	3
YEAR 2024	989	1	2	3
YEAR 2025	989	1	2	3
YEAR 2026	989	1	2	3
YEAR 2027	989	1	2	3
YEAR 2028	989	1	2	3
YEAR 2029	989	1	2	3
YEAR 2030	989	1	2	3
YEAR 2031	989	1	2	3
YEAR 2032	989	1	2	3
YEAR 2033	989	1	2	3
YEAR 2034	989	1	2	3
YEAR 2035	989	1	2	3
YEAR 2036	989	1	2	3
YEAR 2037	989	1	2	3
YEAR 2038	989	1	2	3
YEAR 2039	989	1	2	3
YEAR 2040	989	1	2	3

THERMAL UNIT  
UNIT FUELS

990 DUMMY\_OP 990  
1 2 3

MINIMUM BURN PCT  
UNIT FUEL AUXILIARY COSTS

%  
\$/MBTU  
0.00 0.00 0.00  
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 = GAR.INPUT.THERMAL UNIT.

YEAR	MINIMUM BURN PCT	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			
YEAR 2023			
YEAR 2024			
YEAR 2025			
YEAR 2026			
YEAR 2027			
YEAR 2028			
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	991	DUMMY_OP	991	1	2	3
%						
\$/MBTU						
FUEL ID						
	0.00		0.00		0.00	
	0.00		0.00		0.00	
	0		0		0	

THERMAL UNIT	992	DUMMY_OP	992	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						

MINIMUM BURN PCT	UNIT FUEL TYPE	UNIT FUEL TYPE	%	\$/MBTU	FUEL ID
0.00			0.00	0.00	0
0.00			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 993 DUMMY\_OP 993  
 UNIT FUELS 1 2 3

YEAR	MINIMUM BURN PCT	UNIT FUEL TYPE	AUXILIARY COSTS	FUEL ID	\$/MBTU	%
YEAR 2011	0.00	0	0.00	0	0.00	0
YEAR 2012	0.00	0	0.00	0	0.00	0
YEAR 2013	0.00	0	0.00	0	0.00	0
YEAR 2014	0.00	0	0.00	0	0.00	0
YEAR 2015	0.00	0	0.00	0	0.00	0
YEAR 2016	0.00	0	0.00	0	0.00	0
YEAR 2017	0.00	0	0.00	0	0.00	0
YEAR 2018	0.00	0	0.00	0	0.00	0
YEAR 2019	0.00	0	0.00	0	0.00	0
YEAR 2020	0.00	0	0.00	0	0.00	0
YEAR 2021	0.00	0	0.00	0	0.00	0
YEAR 2022	0.00	0	0.00	0	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 = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	993	DUMMR_OP 1	993	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	994	DUMMR_OP 1	994	2	3
----------------------------	-----	---------------	-----	---	---

MINIMUM BURN PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	%	\$/MBTU	FUEL ID
YEAR 2011	0.00	0.00	0
YEAR 2012	0.00	0.00	0
YEAR 2013	0.00	0.00	0
YEAR 2014	0.00	0.00	0
YEAR 2015	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
YEAR 2032	0.00	0.00	0
YEAR 2033	0.00	0.00	0
YEAR 2034	0.00	0.00	0
YEAR 2035	0.00	0.00	0
YEAR 2036	0.00	0.00	0
YEAR 2037	0.00	0.00	0

YEAR	MINIMUM BURN PCT	UNIT FUEL AXILITARY COSTS	UNIT FUEL TYPE	DUMMY_OP	1	2	3
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT							
UNIT FUELS							
YEAR 2011				995			
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
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.

UNIT FUELS	995	DUMMY_OP	995	2	3
----- YEAR 2036 -----					
----- YEAR 2037 -----					
----- YEAR 2038 -----					
----- YEAR 2039 -----					
----- YEAR 2040 -----					
----- YEAR 2011 -----	996	F4_TRONA	996	2	3
UNIT FUELS		1			
MINIMUM BURN PCT	%	100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.15	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	69	0	0	0
----- YEAR 2012 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	0.00	0.00	0.00
----- YEAR 2013 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	0.00	0.00	0.00
----- YEAR 2014 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17	0.00	0.00	0.00
----- YEAR 2015 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17	0.00	0.00	0.00
----- YEAR 2016 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18	0.00	0.00	0.00
----- YEAR 2017 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18	0.00	0.00	0.00
----- YEAR 2018 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19	0.00	0.00	0.00
----- YEAR 2019 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19	0.00	0.00	0.00
----- YEAR 2020 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	0.00	0.00	0.00
----- YEAR 2021 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	0.00	0.00	0.00
----- YEAR 2022 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.21	0.00	0.00	0.00
----- YEAR 2023 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.22	0.00	0.00	0.00
----- YEAR 2024 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.22	0.00	0.00	0.00
----- YEAR 2025 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.23	0.00	0.00	0.00
----- YEAR 2026 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.23	0.00	0.00	0.00
----- YEAR 2027 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.24	0.00	0.00	0.00
----- YEAR 2028 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.25	0.00	0.00	0.00
----- YEAR 2029 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.26	0.00	0.00	0.00
----- YEAR 2030 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.26	0.00	0.00	0.00
----- YEAR 2031 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.27	0.00	0.00	0.00
----- YEAR 2032 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.28	0.00	0.00	0.00
----- YEAR 2033 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29	0.00	0.00	0.00
----- YEAR 2034 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29	0.00	0.00	0.00
----- YEAR 2035 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30	0.00	0.00	0.00
----- YEAR 2036 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.31	0.00	0.00	0.00
----- YEAR 2037 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.32	0.00	0.00	0.00

4-Company East Optimization

UNIT FUEL AUXILIARY COSTS	YEAR 2038	\$/MBTU	0.33	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2039	\$/MBTU	0.34	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2040	\$/MBTU	0.35	0.00	0.00
THERMAL UNIT	997	REPTR_KP_997	1	2	3
UNIT FUELS					
MINIMUM BURN PCT	YEAR 2011	%	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
UNIT FUEL AUXILIARY COSTS	YEAR 2012	\$/MBTU	0.43	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2013	\$/MBTU	0.43	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2014	\$/MBTU	0.44	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2015	\$/MBTU	0.45	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2016	\$/MBTU	0.46	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2017	\$/MBTU	0.48	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2018	\$/MBTU	0.49	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2019	\$/MBTU	0.50	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2020	\$/MBTU	0.51	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2021	\$/MBTU	0.53	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2022	\$/MBTU	0.54	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2023	\$/MBTU	0.55	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2024	\$/MBTU	0.57	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2025	\$/MBTU	0.58	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2026	\$/MBTU	0.60	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	997	RP2TR_KP 1	997	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	998	RP2TR_IM 1	998	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
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 -----					

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
----- THERMAL UNIT -----				
UNIT FUELS	999	DUMMY_OP	999	
		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 -----				
----- 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 UNIT FUELS	999	DUMMY_OP 1	2	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 -----				

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	1	2	3	4	5	6	7
YEAR 2011	1	2	3	4	5	6	7
YEAR 2012	1	2	3	4	5	6	7
YEAR 2013	1	2	3	4	5	6	7
YEAR 2014	1	2	3	4	5	6	7
YEAR 2015	1	2	3	4	5	6	7
YEAR 2016	1	2	3	4	5	6	7
YEAR 2017	1	2	3	4	5	6	7
YEAR 2018	1	2	3	4	5	6	7
YEAR 2019	1	2	3	4	5	6	7
YEAR 2020	1	2	3	4	5	6	7
YEAR 2021	1	2	3	4	5	6	7
YEAR 2022	1	2	3	4	5	6	7
YEAR 2023	1	2	3	4	5	6	7
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
YEAR 2036	1	2	3	4	5	6	7
YEAR 2037	1	2	3	4	5	6	7
YEAR 2038	1	2	3	4	5	6	7
YEAR 2039	1	2	3	4	5	6	7
YEAR 2040	1	2	3	4	5	6	7

GENERATING COMPANIES  
THERMAL UNIT

YEAR	1	2	3	4	5
YEAR 2011	1	2	3	4	5
YEAR 2012	1	2	3	4	5
YEAR 2013	1	2	3	4	5
YEAR 2014	1	2	3	4	5
YEAR 2015	1	2	3	4	5
YEAR 2016	1	2	3	4	5
YEAR 2017	1	2	3	4	5
YEAR 2018	1	2	3	4	5
YEAR 2019	1	2	3	4	5
YEAR 2020	1	2	3	4	5
YEAR 2021	1	2	3	4	5
YEAR 2022	1	2	3	4	5
YEAR 2023	1	2	3	4	5
YEAR 2024	1	2	3	4	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 -----

GENERATING COMPANIES  
 THERMAL UNIT

YEAR	1 OROCHSP	15 CLIFFY	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKE KE 1	20 ROCKE KE 2	21 CSVL 1-4 3
YEAR 2011		1.00	0.00	0.00	0.00	0.00	0.00	1.00
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								

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	15	16	17	18	19	20	21
	OPCO+CSP	CLIFFY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
		6	1	2	3	1	2	3
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
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	22	23	24	25	26	27	28
	OPCO+CSP	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								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
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 1.00 1.00 1.00 0.00 0.00 1.00 1.00







APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP				
	50 MURK RVR	51 P SPORN	52 P SPORN	53 P SPORN	54 P SPORN
YEAR 2014	5	1	2	3	4
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
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		
	57 RRRT_IM 1	58 RPRUN_IM 1	59 ROCKE_IM 2
YEAR 2011	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			

OWNERSHIP RATIO	1 OPCO+CSP		
	60	61	62
YEAR 2011	0.00	1.00	1.00
YEAR 2012			
YEAR 2013			
YEAR 2014			
YEAR 2015			
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			
YEAR 2023			
YEAR 2024			
YEAR 2025			
YEAR 2026			
YEAR 2027			



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES  
THERMAL UNIT

1 OPGO+CSP		64		65		66		67		68		69		70	
STUART		4		AMOS_AP		3		TANN 1-3		1		TANN 1-3		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 OPGO+CSP		71		72		73		75		76		77		78	
ROBTMONE		1		ROBTMONE		2		ROBTMONE		3		CEREDO		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	RATIO	1.00	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	-----							
YEAR 2035	-----							
YEAR 2036	-----							
YEAR 2037	-----							
YEAR 2038	-----							
YEAR 2039	-----							

4-Company East Optimization

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	1 OPGO+CSP	79 CEREDO	80 CEREDO	81 DARBY	82 DARBY	83 DARBY	84 DARBY	85 DARBY
YEAR 2011	OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	1.00	1.00	1.00
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								

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	79	80	81	82	83	84	85
YEAR 2038									
YEAR 2039									
YEAR 2040									
CEREDO 5			CEREDO 6	DARBY 1	DARBY 2	DARBY 3	DARBY 4	DARBY 5	

GENERATING COMPANIES THERMAL UNIT	1	OPCO+CSP	86	87	88	89	90	91	92
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
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	93	94	95	96	97	101	102
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
OWNERSHIP RATIO									
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
RATIO									
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
RATIO									
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
RATIO									
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
RATIO									
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
RATIO									
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
RATIO									



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1	ORCO+CSP	103	104	105	106	107	108	109
	PC_UL_SU	UPC_RCCS	IGC_NCCS	IGCC GE	IGC_RCCS	CC 2X1FB	CC 2X1FA		
YEAR 2017	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

1 ORCO+CSP  
110 CC 1x1FB 1  
111 BS2\_CC 1  
114 CT\_GE7FA 1  
115 CT\_GE7FA 1  
119 0  
120 0  
124 BS2\_FSD 2

OWNERSHIP 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



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		1 OPCO+CSP													
YEAR		BS1_FGD	CSV5_SCR	CSV6_SCR	CR1_NGCC	CR2_NGCC	MRS_NGCC	MRS_FGD	RPID_IM	RP2D_IM	TANA_FGD	RPID_KP	RP2D_KP	TC4_ESP	A390% AP
YEAR 2029		125	126	127	129	130	131	132							
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													
YEAR		RPID_IM	RP2D_IM	TANA_FGD	RPID_KP	RP2D_KP	TC4_ESP	A390% AP	RATIO						
YEAR 2011		133	134	135	136	137	144	145	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		1 OPCO+CSP													
YEAR		A390%OP	MTN_90%	RPT1_90%	RPT2_90%	GVI_90%	GV2_90%	MTN_18%	RATIO						
YEAR 2011		146	147	148	149	150	151	153	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						

4-Company Past Optimization

YEAR 2011	RATIO	1.00	0.00	0.00	1.00	1.00	0.00
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
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							
YEAR	RATIO	154 CC_FA_KP 1	155 CT_OHTO 1	156 CC_OH 1	157 CT_I&M 1	158 CC_I&M 1	159 CT_APCO 1	160 CC_APCO 1	
YEAR 2011	0.00								
YEAR 2012	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									
GENERATING COMPANIES THERMAL UNIT		1 OPCO+CSP							
YEAR	RATIO	161 CT_KPCC 1	162 CC_KPCC 1	163 BS2_FGD 1	164 BS2_FGD 5	165 BS2_FGD 22	166 BS2_FGD 23	168 IGCC_AE 1	
YEAR 2011	0.00								
YEAR 2012	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 -----  
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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 -----

GENERATING COMPANIES  
 THERMAL UNIT

YEAR	1 OPGO+CSP	169 PC_UL_AP I	170 NUKE_AP I	171 IGCC IM I	172 PC_UL_IM I	173 NUKE_IM I	174 IGCC KP I	175 PC_UL_KP I
----- YEAR 2011 -----								
----- 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 -----								

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.

GENERATING COMPANIES THERMAL UNIT	1	169	170	171	172	173	174	175
	OPCO+CSP	PC_UL_AP	Nuke_AP	IGCC IM	PC_UL_IM	Nuke_IM	IGCC KP	PC_UL_KP
YEAR 2023		1	1	1	1	1	1	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								

GENERATING COMPANIES THERMAL UNIT	1	176	177	178	179	181	182	183
	OPCO+CSP	Nuke_KP	IGCC OH	PC_UL_OH	Nuke_OH	RPID_03	RPID_04	RPID_08
YEAR 2011		1	1	1	1	1	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								
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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 1.00 0.00 0.00 0.00



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES  
THERMAL UNIT

1 OPCO+CSP		184	186	187	188	189	190	191
RPTD_20	RPTTR_1M	RPTTR_1M	RP2TR_1M	RPTTR_KP	RP2TR_KP	T4_PRONA	T4_TRCGR	
1	1	1	2	1	2	4	4	4

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

GENERATING COMPANIES  
THERMAL UNIT

1 OPCO+CSP		223	224	228	229	230	231	232
MR_STR1	MR_STR2	AMS3_SI	BS2_SI	MRS_CF	MRS_SI	RPPL_CF		
1	1	3	2	5	5	1		

-----	YEAR 2011	-----
-----	YEAR 2012	-----
-----	YEAR 2013	-----
-----	YEAR 2014	-----
-----	YEAR 2015	-----
-----	YEAR 2016	-----
-----	YEAR 2017	-----
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-----	YEAR 2019	-----
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-----	YEAR 2021	-----
-----	YEAR 2022	-----
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-----	YEAR 2028	-----
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-----	YEAR 2030	-----
-----	YEAR 2031	-----
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-----	YEAR 2034	-----
-----	YEAR 2035	-----
-----	YEAR 2036	-----
-----	YEAR 2037	-----
-----	YEAR 2038	-----
-----	YEAR 2039	-----
-----	YEAR 2040	-----

GENERATING COMPANIES  
THERMAL UNIT

1 OPCO+CSP		233	234	235	251	252	253	254
RPT2_CF	RPT1_SI	RPT2_SI	DC1_HFT	DC1_IS	DC1_BFF	DC1_L7		
2	1	2	1	1	1	1		

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

-----	OWNERSHIP RATIO	-----	0.00	0.00	0.00	0.00	0.00	0.00
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APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	255	DC1_3800 1	257	DC2_HPT 2	258	DC2_EFF 2	259	DC2_SPU 2	260	DC2_3800 2	269	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															
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YEAR 2030															
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YEAR 2036															
YEAR 2037															
YEAR 2038															
YEAR 2039															
YEAR 2040															
GENERATING COMPANIES															
THERMAL UNIT															
	1 OPCO+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
YEAR 2011															
OMNERSHIP RATIO															
YEAR 2012		0.00		0.00		0.00		0.00		0.00		0.00		0.00	1.00
YEAR 2013															
YEAR 2014															
YEAR 2015															
YEAR 2016															
YEAR 2017															
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YEAR 2019															
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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 OPGO+CSP		278		279		280		281		282		283		284	
CVL_3_10	3	GLN_5_15	5	GLN_5_15	5	GLN_6_HM	6	GLN_6_15	6	KMR_F_HM	1	KMR_F_HM	1	KMR_F_GP	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 OPGO+CSP		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_HM	1	KWA_1_15	1	KWA_2_HM	2

YEAR 2011	-----
YEAR 2012	-----
YEAR 2013	-----
YEAR 2014	-----
YEAR 2015	-----
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YEAR 2030	-----
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YEAR 2033	-----
YEAR 2034	-----
YEAR 2035	-----
YEAR 2036	-----
YEAR 2037	-----
YEAR 2038	-----
YEAR 2039	-----

RATIO 1.00 1.00 1.00 1.00 0.00 0.00 0.00

4-Company East Optimization

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	1 OPG+CSP	292 KWA_2_15	293 MSKR1_HM_1	294 MSKR1_12_1	295 MSKR2_HM_2	296 MSKR2_12_2	297 MSKR3_GP_3	298 MR3HM_12_3
YEAR 2011	MEMBERSHIP RATIO	RATIO	0.00	1.00	1.00	1.00	1.00	1.00	1.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
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YEAR 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		1 OPCO+CSP		292		293		294		295		296		297		298	
THERMAL UNIT		KMR_2_15_2		MSKR1_HM_1		MSKR1_12_1		MSKR2_HM_2		MSKR2_12_2		MSKR3_GP_3		MR3HM_12_3			
YEAR 2038	-----																
YEAR 2039	-----																
YEAR 2040	-----																

GENERATING COMPANIES		1 OPCO+CSP		299		300		301		302		303		304		305	
THERMAL UNIT		MSKR4_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	-----																
YEAR 2012	-----																
YEAR 2013	-----																
YEAR 2014	-----																
YEAR 2015	-----																
YEAR 2016	-----																
YEAR 2017	-----																
YEAR 2018	-----																
YEAR 2019	-----																
YEAR 2020	-----																
YEAR 2021	-----																
YEAR 2022	-----																
YEAR 2023	-----																
YEAR 2024	-----																
YEAR 2025	-----																
YEAR 2026	-----																
YEAR 2027	-----																
YEAR 2028	-----																
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		306		307		308		309		310		311		312	
THERMAL UNIT		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	-----																
YEAR 2012	-----																
YEAR 2013	-----																
YEAR 2014	-----																
YEAR 2015	-----																
YEAR 2016	-----																
YEAR 2017	-----																
YEAR 2018	-----																



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES  
THERMAL UNIT

1	OPCO+CSP	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	
	1	1	2	2	3	3	5	

----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
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 ----- YEAR 2022 -----  
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 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

GENERATING COMPANIES  
THERMAL UNIT

1	OPCO+CSP	320	500	501	502	503	958	959
	RHILLS	DUMMY_OP	DUMMY_IW	DUMMY_AP	DUMMY_KP	CC_KPCO	RP2D_KP	
	1	0	0	0	0	958	959	

----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
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 ----- YEAR 2030 -----

----- YEAR 2011 -----  
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 ----- 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									
YEAR		960	961	962	963	964	965	966			
		RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	DUMMY_OP	RP1D_03	RP1D_KP			
YEAR 2029		960	961	962	963	964	965	966			
YEAR 2030		960	961	962	963	964	965	966			
YEAR 2031		960	961	962	963	964	965	966			
YEAR 2032		960	961	962	963	964	965	966			
YEAR 2033		960	961	962	963	964	965	966			
YEAR 2034		960	961	962	963	964	965	966			
YEAR 2035		960	961	962	963	964	965	966			
YEAR 2036		960	961	962	963	964	965	966			
YEAR 2037		960	961	962	963	964	965	966			
YEAR 2038		960	961	962	963	964	965	966			
YEAR 2039		960	961	962	963	964	965	966			
YEAR 2040		960	961	962	963	964	965	966			

GENERATING COMPANIES THERMAL UNIT		1 OPCO+CSP									
YEAR		967	968	969	970	971	972	973			
		BS2_FGD	CR2_NGCC	CR1_NGCC	MRS_NGCC	DUMMY_OP	DUMMY_OP	DUMMY_OP			
YEAR 2011		967	968	969	970	971	972	973			
YEAR 2012		967	968	969	970	971	972	973			
YEAR 2013		967	968	969	970	971	972	973			
YEAR 2014		967	968	969	970	971	972	973			
YEAR 2015		967	968	969	970	971	972	973			
YEAR 2016		967	968	969	970	971	972	973			
YEAR 2017		967	968	969	970	971	972	973			
YEAR 2018		967	968	969	970	971	972	973			
YEAR 2019		967	968	969	970	971	972	973			
YEAR 2020		967	968	969	970	971	972	973			
YEAR 2021		967	968	969	970	971	972	973			
YEAR 2022		967	968	969	970	971	972	973			
YEAR 2023		967	968	969	970	971	972	973			
YEAR 2024		967	968	969	970	971	972	973			
YEAR 2025		967	968	969	970	971	972	973			
YEAR 2026		967	968	969	970	971	972	973			
YEAR 2027		967	968	969	970	971	972	973			
YEAR 2028		967	968	969	970	971	972	973			
YEAR 2029		967	968	969	970	971	972	973			
YEAR 2030		967	968	969	970	971	972	973			
YEAR 2031		967	968	969	970	971	972	973			
YEAR 2032		967	968	969	970	971	972	973			
YEAR 2033		967	968	969	970	971	972	973			
YEAR 2034		967	968	969	970	971	972	973			
YEAR 2035		967	968	969	970	971	972	973			
YEAR 2036		967	968	969	970	971	972	973			
YEAR 2037		967	968	969	970	971	972	973			
YEAR 2038		967	968	969	970	971	972	973			
YEAR 2039		967	968	969	970	971	972	973			
YEAR 2040		967	968	969	970	971	972	973			

GENERATING COMPANIES THERMAL UNIT		1 OPCO+CSP									
YEAR		974	975	976	977	978	979	980			
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP			
YEAR 2011		974	975	976	977	978	979	980			
YEAR 2012		974	975	976	977	978	979	980			
YEAR 2013		974	975	976	977	978	979	980			
YEAR 2014		974	975	976	977	978	979	980			
YEAR 2015		974	975	976	977	978	979	980			
YEAR 2016		974	975	976	977	978	979	980			
YEAR 2017		974	975	976	977	978	979	980			
YEAR 2018		974	975	976	977	978	979	980			
YEAR 2019		974	975	976	977	978	979	980			
YEAR 2020		974	975	976	977	978	979	980			
YEAR 2021		974	975	976	977	978	979	980			
YEAR 2022		974	975	976	977	978	979	980			
YEAR 2023		974	975	976	977	978	979	980			
YEAR 2024		974	975	976	977	978	979	980			
YEAR 2025		974	975	976	977	978	979	980			
YEAR 2026		974	975	976	977	978	979	980			
YEAR 2027		974	975	976	977	978	979	980			
YEAR 2028		974	975	976	977	978	979	980			
YEAR 2029		974	975	976	977	978	979	980			
YEAR 2030		974	975	976	977	978	979	980			
YEAR 2031		974	975	976	977	978	979	980			
YEAR 2032		974	975	976	977	978	979	980			
YEAR 2033		974	975	976	977	978	979	980			
YEAR 2034		974	975	976	977	978	979	980			
YEAR 2035		974	975	976	977	978	979	980			
YEAR 2036		974	975	976	977	978	979	980			
YEAR 2037		974	975	976	977	978	979	980			
YEAR 2038		974	975	976	977	978	979	980			
YEAR 2039		974	975	976	977	978	979	980			
YEAR 2040		974	975	976	977	978	979	980			

4-Company East Optimization

YEAR 2011	RATIO	1.00	1.00	1.00	1.00	1.00	1.00
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 OPGO+CSP	981	982	983	984	985	986	987
YEAR 2011	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 OPGO+CSP

DUMMY_OP	988	989	990	991	992	993	994
DUMMY_OP_988	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DUMMY_OP_989							
DUMMY_OP_990							
DUMMY_OP_991							
DUMMY_OP_992							
DUMMY_OP_993							
DUMMY_OP_994							

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

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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  
 995 DUMMY\_OP 995  
 996 T4\_TROVA 996  
 997 RP2TR\_KP 997  
 998 RP2TR\_TM 998  
 999 DUMMY\_OP 999

----- YEAR 2011 -----  
 OWNERSHIP RATIO RATIO 1.00 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 -----

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.

GENERATING COMPANIES  
THERMAL UNIT

1 OPCO+CSP	995	996	997	998	999
DUMMY_OP	T4_TRONA	RP2TR_KP	RP2TR_IM	DUMMY_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 IM	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	
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 -----  
 ----- 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		2 I&M	
THERMAL UNIT			
YEAR 2035	8	CARD 1+2	2
YEAR 2036	9	CARD 3	3
YEAR 2037	10	CLIFFY 1	1
YEAR 2038	11	CLIFFY 2	2
YEAR 2039	12	CLIFFY 3	3
YEAR 2040	13	CLIFFY 4	4
	14	CLIFFY 5	5

GENERATING COMPANIES		2 I&M	
THERMAL UNIT			
YEAR 2011	15	CLIFFY 6	6
YEAR 2012	16	CLINCH R 1	1
YEAR 2013	17	CLINCH R 2	2
YEAR 2014	18	CLINCH R 3	3
YEAR 2015	19	ROCKP_KP 1	1
YEAR 2016	20	ROCKP_KP 2	2
YEAR 2017	21	CSVL 1-4	3

OWNERSHIP RATIO		RATIO	
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

GENERATING COMPANIES		2 I&M	
THERMAL UNIT			
22	CSVL 1-4	23	CSVL 5+6
24	CSVL 5+6	25	D C COOK 1
26	D C COOK 2	27	GAVIN 1
28	GAVIN 2		

OWNERSHIP RATIO		RATIO	
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



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	29 GLEN LYN	30 GLEN LYN	31	32	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								
	2 I&M	36	37	38	39	40	41	42
OWNERSHIP RATIO		KANAWHA 1	KANAWHA 2	KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5
YEAR 2011	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
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

2 LM	43	44	45	46	47	48	49
MITCHELL 1	MITCHELL 2	MOUNT_ER 1	MUSK RVR 1	MUSK RVR 2	MUSK RVR 3	MUSK RVR 4	

YEAR 2026	-----
YEAR 2027	-----
YEAR 2028	-----
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 LM	50	51	52	53	54	55	56
MUSK RVR 5	P SPORN 1	P SPORN 2	P SPORN 3	P SPORN 4	P SPORN 5	PICKWAY 5	

OWNERSHIP RATIO

YEAR	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 2039 -----

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	2 ICM	RPRPT_IM 57 1	RPRUN_IM 58 1	ROCKP_IM 59 2	60	STUART 61 1	STUART 62 2	STUART 63 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		60		61		62		63	
YEAR	RATIO	57	58	59	60	61	62	63	64	65	66
YEAR	RATIO	RPRF_IM	RPRUN_IM	ROCKP_IM	STUART	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
YEAR 2038		1	1	2	0	1	2	3	4	3	1
YEAR 2039											
YEAR 2040											
GENERATING COMPANIES THERMAL UNIT		2 I&M		67		68		69		70	
YEAR	RATIO	64	65	66	67	68	69	70	STUART	TANN 1-3	ZIMMER
YEAR	RATIO	STUART	AMOS_AP	TANN 1-3	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	STUART	TANN 4	ZIMMER
YEAR 2011	0.00	4	3	1	2	3	4	1	2	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											

GENERATING COMPANIES THERMAL UNIT		2 I&M		71		72		73		75		76		77		78	
YEAR	RATIO	71	72	73	75	76	77	78	ROBTMON	ROBTMON	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	
YEAR	RATIO	ROBTMON	ROBTMON	ROBTMON	CEREDO	CEREDO	CEREDO	CEREDO	ROBTMON	ROBTMON	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	
YEAR 2011	0.00	1	2	3	1	2	3	4	1	2	1	2	3	4	1	2	
YEAR 2012																	
YEAR 2013																	
YEAR 2014																	
YEAR 2015																	
YEAR 2016																	
YEAR 2017																	
YEAR 2018																	



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 T&M	79 CEREDO 5	80 CEREDO 6	81 DARBY 1	82 DARBY 2	83 DARBY 3	84 DARBY 4	85 DARBY 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 T&M	86 DARBY 6	87 LMBG WIN 1	88 LMBG WIN 2	89 LMBG SMR 1	90 LMBG SMR 2	91 WATR CC 1	92 WATR2 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								



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	93	94	95	96	97	101	102
	DRESDEN 1	DRES2 1	0	0	0	0	NUCLEAR 1	UPC_NCCS 1
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES  
THERMAL UNIT

2 I&M	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	
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
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	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	2 I&M	110	111	114	115	119	120	124
	CC 1x17H 1	BS2_CC 1	CT_GTFB 1	CT_GTFEA 1		0	BS2_FGD 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								

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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 IAM	125	126	127	129	130	131	132
OMNERSHIP RATIO	BS1_FGD	CSV5_SCR	CSV6_SCR	CR1_NGCC	CR2_NGCC	MRS_NGCC	MRS_FGD	
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								
	2 IAM	133	134	135	136	137	144	145
		RP1D_IM	RP2D_IM	TANA_FGD	RP1D_KP	RP2D_KP	TC4_ESP	A3908_AF
		1	2	4	1	2	4	3
YEAR 2011	RATIO	1.00	1.00	1.00	0.00	0.00	1.00	0.00
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	146	147	148	149	150	151	153
YEAR 2023		A390%OP	MTN_90%	RPT1_90%	RPT2_90%	GVL_90%	GV2_90%	MTN_18%
YEAR 2024		3	1	1	2	1	2	1
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
GENERATING COMPANIES THERMAL UNIT	2 I&M	154	155	156	157	158	159	160
		CC_PA_KP	CT_OHIO	CC_OH	CT_I&M	CC_I&M	CT_APCO	CC_APCO
		1	1	1	1	1	1	1
OWNERSHIP 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								



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		2 I&M		161		162		163		164		165		166		168	
YEAR	RATIO	CT_KPCO	CC_KPCO	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	IGCC AP	IGCC AP
YEAR 2035		1	1	1	1	5	5	22	23	1							
YEAR 2036																	
YEAR 2037																	
YEAR 2038																	
YEAR 2039																	
YEAR 2040																	

GENERATING COMPANIES THERMAL UNIT		2 I&M		169		170		171		172		173		174		175	
YEAR	RATIO	PC_UL_AP	NUKE_AP	IGCC IM	PC_UL_IM	NUKE IM	IGCC KP	PC_UL_KP	PC_UL_AP	NUKE AP	IGCC IM	PC_UL_IM	NUKE IM	IGCC KP	PC_UL_KP	PC_UL_AP	NUKE AP
YEAR 2011	0.00	1	1	1	1	1	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																	

GENERATING COMPANIES THERMAL UNIT		2 I&M		176		177		178		179		181		182		183	
YEAR	RATIO	NUKE_KP	IGCC OH	PC_UL_OH	NUKE OH	RP1D_03	RP1D_04	RP1D_08	NUKE_KP	IGCC OH	PC_UL_OH	NUKE OH	RP1D_03	RP1D_04	RP1D_08	NUKE_KP	IGCC OH
YEAR 2011	0.00	1	1	1	1	1	1	1									
YEAR 2012																	
YEAR 2013																	
YEAR 2014																	
YEAR 2015																	



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		2 I&M		223		224		228		229		230		231		232	
THERMAL UNIT		RPID_20	RP1TR_IM	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_TRONA	T4_TRCCR	MR_STKR1	MR_STKR2	AMS3_SI	BS2_SI	MR5_CF	MR5_SI	RP11_CF	OWNERSHIP RATIO	
YEAR 2014	---	184	186	187	188	189	190	191	1	1	3	2	5	5	1	RATIO	
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 I&M																	
YEAR 2011	---															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	---															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 THERMAL UNIT	2 IEM	233	234	235	251	252	253	254
YEAR 2026	RPT2_CF 2	RPT1_SI 1	RPT2_SI 2	DC1_HPT 1	DC1_IS 1	DC1_EFF 1	DC1_I17 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  
THERMAL UNIT

2 IEM

255	257	258	259	260	269	270
DC1_3800 1	DC2_HPT 2	DC2_EPF 2	DC2_SPU 2	DC2_3800 2	BIGSD_15 1	BIGSD_GP 1

YEAR 2011	RATIO	1.00	1.00	1.00	1.00	0.00	0.00
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							

OMMERSHIP RATIO

YEAR 2011

4-Company East Optimization

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	2 IEM	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
YEAR 2011	MEMBERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									

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 I&M	292	293	294	295	296	297	298
YEAR 2017	KWA_2_15_2	MSKR1_HM_1	MSKR1_12_1	MSKR2_HM_2	MSKR2_12_2	MSKR3_GP_3	MR3HM_12_3	
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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	299	300	301	302	303	304	305
MSKR4_GP_4	M4HM_12_4	PICWV_HM_5	PICWV_GP_5	SP1_F_HM_1	SP1_F_15_1	SP2_F_HM_2	

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											
-----	YEAR 2011	-----									
-----	YEAR 2012	-----									
-----	YEAR 2013	-----									
-----	YEAR 2014	-----									
-----	YEAR 2015	-----									
-----	YEAR 2016	-----									
-----	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	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							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
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	2 IEM	960	961	962	963	964	965	966
	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	DUMMY_OP	RP1D_03	RP1D_KP	
	960	961	962	963	964	965	966	
OWNERSHIP RATIO	1.00	0.00	0.00	0.00	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

2 IEM	967	968	969	970	971	972	973
BS2_FSD	CR2_NGCC	CR1_NGCC	MRS_NGCC	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
967	968	969	970	971	972	973	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

-----  
 GENERATING COMPANIES  
 THERMAL UNIT

2 IEM

974  
 DUMARK\_OP  
 974

975  
 DUMARK\_OP  
 975

976  
 DUMARK\_OP  
 976

977  
 DUMARK\_OP  
 977

978  
 DUMARK\_OP  
 978

979  
 DUMARK\_OP  
 979

980  
 DUMARK\_OP  
 980

YEAR	RATIO	974	975	976	977	978	979	980
YEAR 2011	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								

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		974		975		976		977		978		979		980	
THERMAL UNIT		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
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	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		981		982		983		984		985		986		987	
OWNERSHIP RATIO		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
---	YEAR 2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES  
THERMAL UNIT

2 I&M	988	989	990	991	992	993	994
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
988	989	990	991	992	993	994	994

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

GENERATING COMPANIES  
THERMAL UNIT

2 I&M	995	996	997	998	999
DUMMY_OP	T4_TRONA	RP2TR_KP	RP2TR_IM	DUMMY_OP	
995	996	997	998	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	-----

OWNERSHIP RATIO	0.00	1.00	0.00	1.00	0.00
-----------------	------	------	------	------	------

GENERATING COMPANIES  
THERMAL UNIT

3 APCO	1	2	3	4	5	6	7
AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2	
1	2	3	4	5	6	7	

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

OWNERSHIP RATIO	1.00	1.00	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	3 ARCO	8 CARD 1+2 2	9 CARD 3 3	10 CLIFTY 1 1	11 CLIFTY 2 2	12 CLIFTY 3 3	13 CLIFTY 4 4	14 CLIFTY 5 5
YEAR 2014								
YEAR 2015								
YEAR 2016								
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YEAR 2030								
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YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
GENERATING COMPANIES THERMAL UNIT	3 ARCO	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
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								





4-Company East Optimization

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	3 APCCO	36 KANAWHA 1	37 KANAWHA 2	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5
YEAR 2011	MEMBERSHIP 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									
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YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
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YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
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		3 APCO		39 KYGER		40 KYGER		41 KYGER		42 KYGER	
THERMAL UNIT		36 KANAWHA	37 KANAWHA	38 KYGER	39 KYGER	40 KYGER	41 KYGER	42 KYGER	43 KYGER	44 KYGER	45 KYGER
YEAR 2038	-----	1	2	1	2	3	4	5			
YEAR 2039	-----										
YEAR 2040	-----										

GENERATING COMPANIES		3 APCO		45 MOUNT. ER		46 MUSK RVR		47 MUSK RVR		48 MUSK RVR		49 MUSK RVR	
THERMAL UNIT		43 MITCHELL	44 MITCHELL	45 MOUNT. ER	46 MUSK RVR	47 MUSK RVR	48 MUSK RVR	49 MUSK RVR	50 MUSK RVR	51 P SPORN	52 P SPORN	53 P SPORN	54 P SPORN
YEAR 2011	-----	1	2	1	1	2	3	4					
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	-----												
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YEAR 2029	-----												
YEAR 2030	-----												
YEAR 2031	-----												
YEAR 2032	-----												
YEAR 2033	-----												
YEAR 2034	-----												
YEAR 2035	-----												
YEAR 2036	-----												
YEAR 2037	-----												
YEAR 2038	-----												
YEAR 2039	-----												
YEAR 2040	-----												

GENERATING COMPANIES		3 APCO		50 MUSK RVR		51 P SPORN		52 P SPORN		53 P SPORN		54 P SPORN		55 P SPORN		56 PICKWAY	
THERMAL UNIT		50 MUSK RVR	51 P SPORN	52 P SPORN	53 P SPORN	54 P SPORN	55 P SPORN	56 PICKWAY	57 PICKWAY	58 PICKWAY	59 PICKWAY	60 PICKWAY	61 PICKWAY	62 PICKWAY	63 PICKWAY	64 PICKWAY	
YEAR 2011	-----	5	1	2	3	4	5	5									
YEAR 2012	-----																
YEAR 2013	-----																
YEAR 2014	-----																
YEAR 2015	-----																
YEAR 2016	-----																
YEAR 2017	-----																
YEAR 2018	-----																

OWNERSHIP RATIO		RATIO		RATIO		RATIO		RATIO		RATIO		RATIO		RATIO		RATIO	
YEAR 2011	-----	0.00	1.00	0.00	1.00	0.00	1.00	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	-----																



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3	APCO	57	58	59	60	61	62	63
	RPRRT_IM	RPRUN_IM	ROCKP_IM	STUART	STUART	STUART	STUART	STUART	ZIMMER
	1	1	2	1	2	1	2	3	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

3	APCO	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	ZIMMER
4	3	1	2	3	4	4	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								

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								

-----	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					
				ROBTMON	71				
				1					
				ROBTMON	72				
				2					
				ROBTMON	73				
				3					
				CEREDO	75				
				1					
				CEREDO	76				
				2					
				CEREDO	77				
				3					
				CEREDO	78				
				4					
-----	YEAR 2011	-----	RATIO		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				

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

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		3 APCCO									
YEAR 2029		ROBTMONE 1	ROBTMONE 2	ROBTMONE 3	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 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		3 APCCO									
YEAR 2011		CEREDO 5	CEREDO 6	DARBRY 1	DARBRY 2	DARBRY 3	DARBRY 4	DARBRY 5			
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
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YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											
GENERATING COMPANIES THERMAL UNIT		3 APCCO									
YEAR 2011		DARBRY 6	IMBG WIN 1	IMBG WIN 2	IMBG SMR 1	IMBG SMR 2	WATR CC 1	WATR2 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 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											

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

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	93 DRSDEN 1	94 DRSD2 1	95 0	96 0	97 0	101 NUCLEAR 1	102 UPC_NCCS 1
YEAR 2011	RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
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YEAR 2028								
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	103 PC_UL_SU 1	104 UPC_RCCS 1	105 IGC_NCCS 1	106 ISCC GE 1	107 IGC_RCCS 1	108 CC 2X1FB 1	109 CC 2X1FA 1
RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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  
 THERMAL UNIT

OWNERSHIP RATIO	3 APCC	110 CC 1X17H 1	111 BS2_CC 1	114 CT GE7FA 1	115 CT_GE7BA 1	119 0	120 0	124 BS2_FSD 2
YEAR 2011								
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								

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





YEAR	2037	2038	2039	2040	GENERATING COMPANIES THERMAL UNIT					
OWNERSHIP RATIO					3	APCO				
YEAR 2011	0.00	0.00	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										
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		3 APCCO		133		134		135		136		137		144		145	
THERMAL UNIT		RPID_IM	RP2D_IM	TAN4_FGD	RPID_KP	RP2D_KP	TC4_ESP	A390% AP									
YEAR 2035	-----	1	2	4	1	2	4	3									
YEAR 2036	-----																
YEAR 2037	-----																
YEAR 2038	-----																
YEAR 2039	-----																
YEAR 2040	-----																

GENERATING COMPANIES		3 APCCO		146		147		148		149		150		151		153	
THERMAL UNIT		A390%OP	MTN_90%	RPT1_90%	RPT2_90%	GVL_90%	GV2_90%	MTN_18%									
YEAR 2011	-----	3	1	1	2	1	2	1									
OWNERSHIP RATIO	-----	0.00	1.00	0.00	0.00	0.00	0.00	0.00									
YEAR 2012	-----																
YEAR 2013	-----																
YEAR 2014	-----																
YEAR 2015	-----																
YEAR 2016	-----																
YEAR 2017	-----																
YEAR 2018	-----																
YEAR 2019	-----																
YEAR 2020	-----																
YEAR 2021	-----																
YEAR 2022	-----																
YEAR 2023	-----																
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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	-----																

GENERATING COMPANIES		3 APCCO		154		155		156		157		158		159		160	
THERMAL UNIT		CC_FA_KP	CT_OHIO	CC_OH	CT_IEM	CC_IEM	CT_APCCO	CC_APCCO									
YEAR 2011	-----	1	1	1	1	1	1	1									
OWNERSHIP RATIO	-----	0.00	0.00	0.00	0.00	0.00	1.00	1.00									
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	3 APCO	161	162	163	164	165	166	168
YEAR 2014	CT_KPCO 1	CC_KPCO 1	BS2 FGD 1	BS2 FGD 5	BS2 FGD 22	BS2 FGD 23	IGCC AP 1	
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
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YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
GENERATING COMPANIES								
THERMAL UNIT								
	3 APCO	169	170	171	172	173	174	175
OWNSHIP RATIO		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	RATIO	1.00	1.00	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								





4-Company East Optimization

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	3 APCCO	MR_STKR1 223 1	MR_STKR2 224 1	AMS3_SI 228 3	BS2_SI 229 2	MRS_CP 230 5	MRS_SI 231 5	RPT1_CP 232 1
YEAR 2011	OWMERSHIP 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									
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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		3 APCC		223		224		228		229		230		231		232	
THERMAL UNIT		MR_STKR1	MR_STKR2	AMS3_SI	BS2_SI	MR5_CF	MR5_SI	RPT1_CF									
YEAR 2038		1	1	3	2	5	5	1									
YEAR 2039																	
YEAR 2040																	
GENERATING COMPANIES		3 APCC		233		234		235		251		252		253		254	
THERMAL UNIT		RPT2_CF	RPT1_SI	RPT2_SI	DC1_HPF	DC1_IS	DC1_EFF	DC1_IL									
YEAR 2011		2	1	2	1	1	1	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 2030																	
YEAR 2031																	
YEAR 2032																	
YEAR 2033																	
YEAR 2034																	
YEAR 2035																	
YEAR 2036																	
YEAR 2037																	
YEAR 2038																	
YEAR 2039																	
YEAR 2040																	
GENERATING COMPANIES		3 APCC		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									
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	3	APCO	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 CWL_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 CWL_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
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

OWNERSHIP RATIO	RATIO	0.00	1.00	1.00	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	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							
GENERATING COMPANIES									
THERMAL UNIT									
			3	APCO					
-----	YEAR 2011	-----							
OWNERSHIP RATIO		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.

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3 APCCO	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 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	292 KMR_2_15 2	293 MSKR1_HM 1	294 MSKR1_12 1	295 MSKR2_HM 2	296 MSKR2_12 2	297 MSKR3_GP 3	298 MR3HM_12 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								
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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								

OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
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YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES THERMAL UNIT	3 APCCO	299 MSKR4_GP 4	300 MAHM_12 4	301 PICWY_HM 5	302 PICWY_GP 5	303 SPI_F_HM 1	304 SPI_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								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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	1.00	1.00	0.00
----- 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 -----							

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	3 APCCO	306	307	308	309	310	311	312
OWNERSHIP RATIO	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	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								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES  
THERMAL UNIT

3 ARCO

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

3 ARCO  
 RH115 320  
 1 1

DUMPT\_OP 500  
 0 0

DUMPT\_IM 501  
 0 0

DUMPT\_AP 502  
 0 0

DUMPT\_KP 503  
 0 0

CC\_KPCO 958  
 958

RP2D\_KP 959  
 959

----- YEAR 2011 -----  
 OWNERSHIP RATIO RATIO 0.00 0.00 0.00 1.00 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.



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES  
THERMAL UNIT

3	APCO	320	500	501	502	503	958	959
RH11s	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KPCO	RP2D_KP		
1	0	0	0	0	0	0	958	959

-----	YEAR 2023	-----
-----	YEAR 2024	-----
-----	YEAR 2025	-----
-----	YEAR 2026	-----
-----	YEAR 2027	-----
-----	YEAR 2028	-----
-----	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	960	961	962	963	964	965	966
RP2D_IM	CSW6_SCR	CSW5_SCR	DUMMY_OP	DUMMY_OP	RP1D_03	RP1D_KP		
960	961	962	963	964	965	966		

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



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES		3 APCC									
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 2035	---	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---	---

GENERATING COMPANIES		3 APCC									
THERMAL UNIT		974	975	976	977	978	979	980			
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP			
		974	975	976	977	978	979	980			
---	YEAR 2011	---	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---
---	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 APCC									
THERMAL UNIT		981	982	983	984	985	986	987			
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP			
		981	982	983	984	985	986	987			
---	YEAR 2011	---	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

GENERATING COMPANIES  
THERMAL UNIT

	3	APCO							
YEAR 2014	988	DUMMY_OP	989	DUMMY_OP	990	DUMMY_OP	991	DUMMY_OP	992
YEAR 2015	988	DUMMY_OP	989	DUMMY_OP	990	DUMMY_OP	991	DUMMY_OP	992
YEAR 2016	988	DUMMY_OP	989	DUMMY_OP	990	DUMMY_OP	991	DUMMY_OP	992
YEAR 2017	988	DUMMY_OP	989	DUMMY_OP	990	DUMMY_OP	991	DUMMY_OP	992
YEAR 2018	988	DUMMY_OP	989	DUMMY_OP	990	DUMMY_OP	991	DUMMY_OP	992
YEAR 2019	988	DUMMY_OP	989	DUMMY_OP	990	DUMMY_OP	991	DUMMY_OP	992
YEAR 2020	988	DUMMY_OP	989	DUMMY_OP	990	DUMMY_OP	991	DUMMY_OP	992
YEAR 2021	988	DUMMY_OP	989	DUMMY_OP	990	DUMMY_OP	991	DUMMY_OP	992
YEAR 2022	988	DUMMY_OP	989	DUMMY_OP	990	DUMMY_OP	991	DUMMY_OP	992
YEAR 2023	988	DUMMY_OP	989	DUMMY_OP	990	DUMMY_OP	991	DUMMY_OP	992
YEAR 2024	988	DUMMY_OP	989	DUMMY_OP	990	DUMMY_OP	991	DUMMY_OP	992
YEAR 2025	988	DUMMY_OP	989	DUMMY_OP	990	DUMMY_OP	991	DUMMY_OP	992
YEAR 2026	988	DUMMY_OP	989	DUMMY_OP	990	DUMMY_OP	991	DUMMY_OP	992
YEAR 2027	988	DUMMY_OP	989	DUMMY_OP	990	DUMMY_OP	991	DUMMY_OP	992

GENERATING COMPANIES  
THERMAL UNIT

3 APCO

995	DUMMY_OP	995	T4_TRONA	996	RP2TR_KP	997	RP2TR_KP	998	RP2TR_IM	999	DUMMY_OP
995	DUMMY_OP	995	T4_TRONA	996	RP2TR_KP	997	RP2TR_KP	998	RP2TR_IM	999	DUMMY_OP

OWNERSHIP RATIO

YEAR 2011	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00
YEAR 2013	0.00	0.00	0.00	0.00	0.00
YEAR 2014	0.00	0.00	0.00	0.00	0.00
YEAR 2015	0.00	0.00	0.00	0.00	0.00
YEAR 2016	0.00	0.00	0.00	0.00	0.00
YEAR 2017	0.00	0.00	0.00	0.00	0.00
YEAR 2018	0.00	0.00	0.00	0.00	0.00
YEAR 2019	0.00	0.00	0.00	0.00	0.00
YEAR 2020	0.00	0.00	0.00	0.00	0.00
YEAR 2021	0.00	0.00	0.00	0.00	0.00
YEAR 2022	0.00	0.00	0.00	0.00	0.00
YEAR 2023	0.00	0.00	0.00	0.00	0.00
YEAR 2024	0.00	0.00	0.00	0.00	0.00
YEAR 2025	0.00	0.00	0.00	0.00	0.00
YEAR 2026	0.00	0.00	0.00	0.00	0.00
YEAR 2027	0.00	0.00	0.00	0.00	0.00



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	1 AMOS	2 AMOS	3 AMOS_OP	4 BECKJORD	5 BIG SAND	6 BIG SAND	7 CARD 1+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

4 KPCO	8 CARD 1+2	9 CARD 3	10 CLIFFY 1	11 CLIFFY 2	12 CLIFFY 3	13 CLIFFY 4	14 CLIFFY 5
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
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	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							

4-Company East Optimization

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	4 KPCO	15 CLIFFY	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	MEMBERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	1.00	0.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
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 KPCO	15	16	17	18	19	20	21
YEAR 2038	CLIFFY 6	CLINCH R 1	CLINCH R 2	CLINCH R 3	ROCKP KP 1	ROCKP KP 2	CSVL 1-4 3	
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES THERMAL UNIT	4 KPCO	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	
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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	29	30	31	32	33	34	35
GLEN LYN 5	GLEN LYN 6	0	0	KAMMER 1	KAMMER 2	KAMMER 3	

YEAR 2011	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							



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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 MITCHELL 1	44 MITCHELL 2	45 MOUNT_ER 1	46 MUSK_RVR 1	47 MUSK_RVR 2	48 MUSK_RVR 3	49 MUSK_RVR 4
--------	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------

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							



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		4 KPCO		50 MUSK RVR 5		51 P SPORN 1		52 P SPORN 2		53 P SPORN 3		54 P SPORN 4		55 P SPORN 5		56 PIGWAY 5	
---	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		57 RPRET_IM 1		58 RPRUN_IM 1		59 ROCKR_IM 2		60 STUART 0		61 STUART 1		62 STUART 2		63 STUART 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GENERATING COMPANIES THERMAL UNIT		4 KPCO		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	

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

4 KPCO	79 CEREDO 5	80 CEREDO 6	81 DARBY 1	82 DARBY 2	83 DARBY 3	84 DARBY 4	85 DARBY 5
RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

YEAR 2011	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							
YEAR 2023							
YEAR 2024							

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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 DABBY 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 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 KPCO	86	87	88	89	90	91	92
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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	93	94	95	96	97	101	102
DRESSD1	1	1	0	0	0	1	1
DRESSD2							
NUCLEAR							
UPC_NCCS							

OWNERSHIP RATIO	RATIO	0.00	0.00	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							
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	GENERATING COMPANIES THERMAL UNIT	4 KPCO	PC_UL_SU 1	UPC_RCCS 1	IGC_MCCS 1	IGCC GE 1	IGC_RCCS 1	CC 2X1FB 1	CC 2X1FA 1
-----	-----	-----	-----	-----	OWNERSHIP RATIO	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2024	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2025	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2026	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2028	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2030	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2031	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2032	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2033	0.00	0.00	0.00	0.00	0.00	0.00	1.00
-----	-----	-----	-----	-----	YEAR 2034	0.00	0.00	0.00	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 = GAR.INPUT.THERMAL UNIT.

GENERATING COMPANIES		4 KPCC									
THERMAL UNIT		103	104	105	106	107	108	109			
YEAR		PC_DL_SU	UPC_RCCS	IGC_NCCS	IGCC GE	IGC_RCCS	CC 2X1FB	CC 2X1FA			
YEAR 2035		1	1	1	1	1	1	1			
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

GENERATING COMPANIES		4 KPCC									
THERMAL UNIT		110	111	114	115	119	120	124			
YEAR		CC 1X17H	BS2_CC	CT GE7FA	CT GE7EA	BS2_RGD	BS2_RGD	BS2_RGD			
YEAR 2011		1	1	1	1	0	0	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											

GENERATING COMPANIES		4 KPCC									
THERMAL UNIT		125	126	127	129	130	131	132			
YEAR		BS1_FGD	CSV5_SCR	CSV6_SCR	CRI_NGCC	CR2_NGCC	MR5_NGCC	MR5_FGD			
YEAR 2011		1	5	6	1	2	5	5			
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES		4 KPCO									
THERMAL UNIT		133	134	135	136	137	144	145			
YEAR		RP1D_IM	RP2D_IM	TANA_FGD	RP1D_KP	RP2D_KP	TC4_ESP	A390% AP			
		1	2	4	1	2	4	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											
		4 KPCO									
YEAR 2011		146	147	148	149	150	151	153			
		A390%OP	MTN_90%	RPT1_90%	RPT2_90%	GV1_90%	GV2_90%	MTN_18%			
		3	1	1	2	1	2	1			
OWNERSHIP 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		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	-----														
-----	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												
			CC_FA	154	CT_OHIO	155	CC_OH	156	CT_I&M	157	CC_I&M	158	CT_ARCO	159	CC_ARCO	160
			1	1	1	1	1	1	1	1	1	1	1	1	1	1
-----	YEAR 2011	-----														
OWNERSHIP RATIO			RATIO													
-----	YEAR 2012	-----	1.00		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	-----														

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



4-Company East Optimization

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	4 KPCO	169 FC_UL_AP 1	170 NUKE_AP 1	171 IGCC IM 1	172 FC_UL_IM 1	173 NUKE IM 1	174 IGCC KP 1	175 FC_UL_KP 1
YEAR 2011	OWNERSHIP RATIO		0.00	0.00	0.00	0.00	0.00	1.00	1.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									

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



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		4 KPCO		169		170		171		172		173		174		175	
		PC_UL_AP		NUKE_AP		IGCC IM		PC_UL_IM		NUKE_IM		IGCC KP		PC_UL_KP			
YEAR 2038		1		1		1		1		1		1		1			
YEAR 2039																	
YEAR 2040																	
-----																	
GENERATING COMPANIES THERMAL UNIT		4 KPCO		176		177		178		179		181		182		183	
		NUKE_KP		IGCC OH		PC_UL_OH		NUKE OH		RPID_03		RPID_04		RPID_08			
YEAR 2011		1		1		1		1		1		1		1		1	
YEAR 2012																	
YEAR 2013																	
YEAR 2014																	
YEAR 2015																	
YEAR 2016																	
YEAR 2017																	
YEAR 2018																	
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YEAR 2020																	
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YEAR 2028																	
YEAR 2029																	
YEAR 2030																	
YEAR 2031																	
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YEAR 2034																	
YEAR 2035																	
YEAR 2036																	
YEAR 2037																	
YEAR 2038																	
YEAR 2039																	
YEAR 2040																	
-----																	
GENERATING COMPANIES THERMAL UNIT		4 KPCO		184		186		187		188		189		190		191	
		RPID_20		RP1TR_IM		RP2TR_IM		RP1TR_KP		RP2TR_KP		T4_TRONA		T4_TRCCR			
YEAR 2011		1		1		2		1		2		4		4			
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 2035																	
YEAR 2036																	
YEAR 2037																	
YEAR 2038																	
YEAR 2039																	
YEAR 2040																	
-----																	
GENERATING COMPANIES THERMAL UNIT		4 KPCO		184		186		187		188		189		190		191	
		RPID_20		RP1TR_IM		RP2TR_IM		RP1TR_KP		RP2TR_KP		T4_TRONA		T4_TRCCR			
YEAR 2011		1		1		2		1		2		4		4			
YEAR 2012																	
YEAR 2013																	
YEAR 2014																	
YEAR 2015																	
YEAR 2016																	
YEAR 2017																	
YEAR 2018																	
YEAR 2019																	
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YEAR 2021																	
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YEAR 2030																	
YEAR 2031																	
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YEAR 2034																	
YEAR 2035																	
YEAR 2036																	
YEAR 2037																	
YEAR 2038																	
YEAR 2039																	
YEAR 2040																	
-----																	
GENERATING COMPANIES THERMAL UNIT		4 KPCO		184		186		187		188		189		190		191	
		RPID_20		RP1TR_IM		RP2TR_IM		RP1TR_KP		RP2TR_KP		T4_TRONA		T4_TRCCR			
YEAR 2011		1		1		2		1		2		4		4			
YEAR 2012																	
YEAR 2013																	
YEAR 2014																	
YEAR 2015																	
YEAR 2016																	
YEAR 2017																	
YEAR 2018																	
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YEAR 2030																	
YEAR 2031																	
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YEAR 2033																	
YEAR 2034																	
YEAR 2035																	
YEAR 2036																	
YEAR 2037																	
YEAR 2038																	
YEAR 2039																	
YEAR 2040																	
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APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4	KPCO	223	MR_STKR1 1	224	MR_STKR2 1	228	AMS3_SI 3	229	BS2_SI 2	230	MRS_CF 5	231	MRS_SI 5	232	RPT1_CF 1
YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

GENERATING COMPANIES  
THERMAL UNIT

4	KPCO	233	RPT2_CF 2	234	RPT1_SI 1	235	RPT2_SI 2	251	DC1_HPT 1	252	DC1_IS 1	253	DC1_BFP 1	254	DC1_L17 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	RATIO	0.00	0.00	0.00	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	---	---	---	---	---	---	---	---	---	---	---





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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		4 KPCO							
THERMAL UNIT		KMR_F_HM	KMR_F_GP	KMR_F_HM	KMR_F_GP	KWA_1_HM	KWA_1_I5	KWA_2_HM	
YEAR 2011	RATIO	285	286	287	288	289	290	291	
YEAR 2012	0.00	2	2	3	3	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									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
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									
KWA_2_I5	MSKR1_HM	MSKR1_I2	MSKR2_HM	MSKR2_I2	MSKR3_GP	MR3HM_I2			
292	293	294	295	296	297	298			
2	1	1	2	2	3	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

4 KPCC

MSR4\_GP 299 MAHW\_12 300 PICWY\_HM 301 PICWY\_GP 302 SP1\_F\_HM 303 SP1\_F\_15 304 SP2\_F\_HM 305

OWNERSHIP RATIO	RATIO	MSR4_GP 299	MAHW_12 300	PICWY_HM 301	PICWY_GP 302	SP1_F_HM 303	SP1_F_15 304	SP2_F_HM 305
----- 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							

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	MSKR4_GP 4	M4HM_12 4	PICWY_HM 5	PICWY_GP 5	SP1_F_HM 1	SP1_F_15 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 KPCO	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
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		4	KPCO				
	THERMAL UNIT							
-----	YEAR 2011	-----						
-----	OWNERSHIP RATIO	-----	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	-----						

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

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

GENERATING COMPANIES THERMAL UNIT		4 KPCO		313		314		315		316		317		318		319	
		TNR_F_HM	TNR_F_I5	TNR_F_HM	TNR_F_I5	TNR_F_HM	TNR_F_I5	TNR_F_HM	TNR_F_I5	TNR_F_HM	TNR_F_I5	TNR_F_HM	TNR_F_I5	TNR_F_HM	TNR_F_I5	PW_GP_I5	
YEAR 2035	-----	1	1	2	2	3	3										
YEAR 2036	-----																
YEAR 2037	-----																
YEAR 2038	-----																
YEAR 2039	-----																
YEAR 2040	-----																

GENERATING COMPANIES THERMAL UNIT		4 KPCO		320		500		501		502		503		958		959	
		RH115_1	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KPCO	RP2D_KP									
YEAR 2011	-----	1	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	-----																

GENERATING COMPANIES THERMAL UNIT		4 KPCO		960		961		962		963		964		965		966	
		RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	DUMMY_OP	RP1D_03	RP1D_KP									
YEAR 2011	-----	960	961	962	963	964	965	966									
YEAR 2012	-----																
YEAR 2013	-----																
YEAR 2014	-----																
YEAR 2015	-----																



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	967 BS2_FGD 967	968 CR2_NGCC 968	969 CR1_NGCC 969	970 MRS_NGCC 970	971 DUMMY_OP 971	972 DUMMY_OP 972	973 DUMMY_OP 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 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
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 2040	GENERATING COMPANIES THERMAL UNIT	4 KPCC	995 DUMMY_OP 995	996 T4_THRONA 996	997 RP2TR_KP 997	998 RP2TR_TM 998	999 DUMMY_OP 999
YEAR 2011	OWNERSHIP RATIO		0.00	0.00	1.00	0.00	0.00
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
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.

GENERATING COMPANIES THERMAL UNIT		4 KPCO						
YEAR	OWNER	995	T4_TRONA 995	996	RP2TR_KP 997	998	999	
YEAR 2038								
YEAR 2039								
YEAR 2040								
GENERATING COMPANIES THERMAL UNIT		7						
YEAR	OWNER	1	2	3	4	5	6	7
YEAR 2011		AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
YEAR 2012		1	2	3	6	1	2	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 THERMAL UNIT		7						
YEAR	OWNER	8	9	10	11	12	13	14
YEAR 2011		CARD 1+2	CARD 3	CLIFFY 1	CLIFFY 2	CLIFFY 3	CLIFFY 4	CLIFFY 5
YEAR 2012		2	3	1	2	3	4	5
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
OWNER								
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	15	16	17	18	19	20	21
YEAR 2017		CLIFFY 6	CLINCH R 1	CLINCH R 2	CLINCH R 3	ROCKP_KP 1	ROCKP_KP 2	CSVL 1-4 3
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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	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 1	GAVIN 2

OWNERSHIP PAVIO	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							



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	7	8	9	10	11	12	13	14	15
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	8	9	10	11	12	13	14	15
36	37	38	39	40	41	42		
KANAWHA 1	KANAWHA 2	KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5		

OWNERSHIP RATIO	7	8	9	10	11	12	13	14	15
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

29	30	31	32	33	34	35
GLEN LYN 5	GLEN LYN 6	0	0	KAMMER 1	KAMMER 2	KAMMER 3

GENERATING COMPANIES THERMAL UNIT	7	8	9	10	11	12	13	14	15
43	44	45	46	47	48	49			
MITCHELL 1	MITCHELL 2	MOUNT ER 1	MUSK RVR 1	MUSK RVR 2	MUSK RVR 3	MUSK RVR 4			

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  
THERMAL UNIT

YEAR	RATIO	50 MUSK RVR	51 P SPORN	52 P SPORN	53 P SPORN	54 P SPORN	55 P SPORN	56 PICWAY
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								
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YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES  
THERMAL UNIT

YEAR	RATIO	57 RPRFT_IM	58 RPRON_IM	59 ROCKP_IM	60	61 STUART	62 STUART	63 STUART
YEAR 2011	0.00				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

OWNERSHIP RATIO	RATIO	STUART 64 4	AMOS_2P 65 3	TANN 1-3 66 1	TANN 1-3 67 2	TANN 1-3 68 3	TANN 4 69 4	ZIMMER 70 1
YEAR 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							

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.

GENERATING COMPANIES THERMAL UNIT	7	64	65	66	67	68	69	70
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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	71	72	73	75	76	77	78
		ROBTMONE	ROBTMONE	ROBTMONE	CEREDO	CEREDO	CEREDO	CEREDO
		1	2	3	1	2	3	4
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								



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		THERMAL UNIT									
YEAR 2035	7										
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

GENERATING COMPANIES		THERMAL UNIT									
YEAR 2011	7	DARBY 86	LMBG WIN 87	LMBG WIN 88	LMBG SMR 89	LMBG SMR 90	WATR CC 91	WATR2 92			
YEAR 2012		DARBY 6	LMBG WIN 1	LMBG WIN 2	LMBG SMR 1	LMBG SMR 2	WATR CC 1	WATR2 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		THERMAL UNIT									
YEAR 2011	7	DRESDEN 93	DRESD2 94	0 95	0 96	0 97	NUCLEAR 101	UPC_NCCS 102			
YEAR 2012		DRESDEN 1	DRESD2 1	0	0	0	NUCLEAR 1	UPC_NCCS 1			
YEAR 2013											
YEAR 2014											
YEAR 2015											

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	-----	7						
-----	THERMAL UNIT	-----							
-----	PC_UL_SU	-----	103						
-----	UPC_RCCS	-----	104						
-----	IGC_MCCS	-----	105						
-----	IGCC_GE	-----	106						
-----	IGC_RCCS	-----	107						
-----	CC_2X1FB	-----	108						
-----	CC_2X1FA	-----	109						
-----	OWNERSHIP RATIO	-----							
-----	YEAR 2011	-----	0.00						
-----	YEAR 2012	-----	0.00						
-----	YEAR 2013	-----	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	7	103	104	105	106	107	108	109
		PC_UU_SU	UPC_RCCS	IGC_NCCS	IGCC_GE	IGC_RCCS	CC_2XIFB	CC_2XIFA
		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								
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YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
GENERATING COMPANIES								
THERMAL UNIT								
	7	110	111	114	115	119	120	124
		CC_1X17H	BS2_CC	CT_GE7FA	CT_GE7FA			BS2_FGD
		1	1	1	1	0	0	2
OWNERSHIP 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									
			7						
		BS1_FGD	125	CSV5_SCR	126	CSV6_SCR	127	CR1_NGCC	129
		1		5		6		1	CR2_NGCC
									130
									MRS_NGCC
									131
									5
									MRS_FGD
									132
									5
OWNERSHIP RATIO									
-----	YEAR 2011	-----							
-----	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	-----							

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.

GENERATING COMPANIES  
THERMAL UNIT

YEAR	125	126	127	129	130	131	132
YEAR 2026	BS1_FGD 1	CSV5_SCR 5	CSV6_SCR 6	CR1_NGCC 1	CR2_NGCC 2	MRS_NGCC 5	MRS_FGD 5
YEAR 2027							
YEAR 2028							
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	133	134	135	136	137	144	145
YEAR 2011	RP1D_IM 1	RP2D_IM 2	TAN4_FGD 4	RP1D_KP 1	RP2D_KP 2	TC4_ESP 4	A3908 AP 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							

4-Company East Optimization

YEAR 2040	7						
GENERATING COMPANIES							
THERMAL UNIT							
----- YEAR 2011 -----		146	147	148	149	150	151
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- 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	7	146	147	148	149	150	151	153
YEAR 2038		A390%OP	MTN_90%	RPT1_90%	RPT2_90%	GV1_90%	GV2_90%	MTN_18%
YEAR 2039		3	1	1	2	1	2	1
YEAR 2040								

GENERATING COMPANIES THERMAL UNIT	7	154	155	156	157	158	159	160
YEAR 2011		CC_FRAKP	CT_OHIO	CC_OH	CT_I&M	CC_I&M	CT_ARCO	CC_ARCO
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								
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	161	162	163	164	165	166	168
CT_KPCO	CC_KPCO	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	IGCC_AP
1	1	1	5	22	23	1	1

YEAR 2011	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							



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	7	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 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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

NUKE_KP 1	176	IGCC OH 1	177	PC_UL_OH 1	178	NUKE OH 1	179	RPID_03 1	181	RPID_04 1	182	RPID_08 1	183
--------------	-----	--------------	-----	---------------	-----	--------------	-----	--------------	-----	--------------	-----	--------------	-----

OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011												
YEAR 2012												
YEAR 2013												
YEAR 2014												
YEAR 2015												
YEAR 2016												
YEAR 2017												
YEAR 2018												
YEAR 2019												
YEAR 2020												
YEAR 2021												
YEAR 2022												
YEAR 2023												
YEAR 2024												
YEAR 2025												
YEAR 2026												
YEAR 2027												
YEAR 2028												
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									
-----	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	-----							

184	186	187	188	189	190	191
RPID_20	RP1TR_1M	RP2TR_2	RP1TR_KP	RP2TR_KP	T4_TROMA	T4_TRCCR
1	1	2	1	2	4	4
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

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\_20 184 RPT1\_IM 186 RP2TR\_IM 187 RP1TR\_KP 188 RP2TR\_KP 189 T4\_TRONA 190 T4\_TRCCR 191

GENERATING COMPANIES  
THERMAL UNIT

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 -----  
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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 -----

MR\_STKR1 223 MR\_STKR2 224 AMS3\_SI 228 BS2\_SI 229 MRS\_CF 230 MRS\_SI 231 RPT1\_CF 232

RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

GENERATING COMPANIES  
THERMAL UNIT

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

RPT2\_CP 233 RPT1\_SI 234 RPP2\_SI 235 DC1\_HPT 251 DC1\_IS 252 DC1\_BFF 253 DC1\_I17 254

7

1175

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		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
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																							

7  
GENERATING COMPANIES  
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
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	CVL_3_HM_3					
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					





AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES  
THERMAL UNIT

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	KWR_F_HM_1	KWR_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

285	286	287	288	289	290	291
KWR_F_HM_2	KWR_F_GP_2	KWR_F_HM_3	KWR_F_GP_3	KWA_1_HM_1	KWA_1_15_1	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										
			7							
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	-----								

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	7	292	293	294	295	296	297	298
YEAR 2035		KMR_2_15_2	MSKRI_HM_1	MSKRI_12_1	MSKR2_HM_2	MSKR2_12_2	MSKR3_GP_3	MR3HM_12_3
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES THERMAL UNIT	7	299	300	301	302	303	304	305
YEAR 2011		MSKR4_GP_4	M4HM_12_4	PICMY_HM_5	PICMY_GP_5	SP1_F_HM_1	SP1_F_15_1	SP2_F_HM_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								

GENERATING COMPANIES  
THERMAL UNIT 7

SP2_F_15_2	306	SP3_Q_HM_3	307	SP3_Q_15_3	308	SP4_Q_HM_4	309	SP4_Q_15_4	310	SP5_HM_5	311	SP5_15_5	312
------------	-----	------------	-----	------------	-----	------------	-----	------------	-----	----------	-----	----------	-----

OWNERSHIP RATIO	7	0.00	0.00	0.00	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 = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES  
THERMAL UNIT

313	314	315	316	317	318	319
TNR_F_HM	TNR_F_I5	TNR_F_HM	TNR_F_I5	TNR_F_HM	TNR_F_I5	PW_GP_I5
1	1	2	2	3	3	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

320	500	501	502	503	958	959
RH111s	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KPCO	RP2D_KP
1	0	0	0	0	958	959

----- YEAR 2011 -----  
 OWNSHIP 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 -----





4-Company East Optimization

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	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							

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

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  
THERMAL UNIT

981	982	983	984	985	986	987
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
981	982	983	984	985	986	987

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

988	989	990	991	992	993	994
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
988	989	990	991	992	993	994

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

OWNERSHIP RATIO	0.00	0.00	0.00	0.00	0.00	0.00
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7

-----	YEAR 2019	-----						
-----	YEAR 2020	-----						
-----	YEAR 2021	-----						
-----	YEAR 2022	-----						
-----	YEAR 2023	-----						
-----	YEAR 2024	-----						
-----	YEAR 2025	-----						
-----	YEAR 2026	-----						
-----	YEAR 2027	-----						
-----	YEAR 2028	-----						
-----	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					
					995			
					DUMMY OP			
					995	T4_TRONA		
						996	RE2TR_KP	
						997	RE2TR_KP	
							998	RE2TR_IM
							998	DUMMY OP
								999
								DUMMY OP
								999
-----	YEAR 2011	-----						
-----	OMNERSHIP RATIO	-----						
-----	YEAR 2012	-----						
-----	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	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														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														
YEAR 2021														
YEAR 2022														
YEAR 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
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	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	2	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								



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.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
-----	YEAR 2023	-----	YEAR 2024	-----	YEAR 2025	-----	YEAR 2026	-----	YEAR 2027	-----	YEAR 2028	-----	YEAR 2029	-----	YEAR 2030	-----	YEAR 2031	-----	YEAR 2032	-----	YEAR 2033	-----	YEAR 2034	-----	YEAR 2035	-----	YEAR 2036	-----	YEAR 2037	-----	YEAR 2038	-----	YEAR 2039	-----	YEAR 2040
-----	CLIFTY	15	CLINCH	16	CLINCH	17	CLINCH	18	ROCKP	19	ROCKP	20	CSVL	21	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
-----	6	1	2	3	1	2	3	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	-----	YEAR 2027	-----	YEAR 2028	-----	YEAR 2029	-----	YEAR 2030	-----	YEAR 2031	-----	YEAR 2032	-----	YEAR 2033	-----	YEAR 2034	-----	YEAR 2035	-----	YEAR 2036
-----	YEAR 2011	-----	YEAR 2012	-----	YEAR 2013	-----	YEAR 2014	-----	YEAR 2015	-----	YEAR 2016	-----	YEAR 2017	-----	YEAR 2018	-----	YEAR 2019	-----	YEAR 2020	-----	YEAR 2021	-----	YEAR 2022	-----	YEAR 2023	-----	YEAR 2024	-----	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	22	SEASONAL	23	SEASONAL	24	D C	25	D C	26	GAVIN	27	GAVIN	28	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
-----	HEAT RATE	4	HEAT RATE	5	HEAT RATE	6	COOK	1	COOK	2	1	2	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	0	0	0	0	0	0	0	0	0	0	0	0	0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

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----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
-----
THERMAL UNIT          SEASON 1  JANUARY  -----
-----
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	Thermal Unit	Heat Rate Profile
2011	GLEN LYN 5	29
2012	GLEN LYN 6	30
2013	KAMMER 1	33
2014	KAMMER 2	34
2015	KAMMER 3	35
2016	KANAMHA 1	36
2017	KANAMHA 2	37
2018		0
2019		0
2020		0
2021		0
2022		0
2023		0
2024		0
2025		0
2026		0
2027		0
2028		0
2029		0
2030		0
2031		0
2032		0
2033		0
2034		0

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





4-Company Base Optimization

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

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012
SEASONAL HEAT RATE PROFILE	0	0

SEASON	1	JANUARY
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

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	52	53	54	55	56	57	58
	P SPORN	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRRT	RPRUN	
	2	3	4	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	
	2	1	2	3	4	3	1-3		
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									

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
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 1	JANUARY	75	76	77	78	79	80	DARBY	81
YEAR 2025	TANN 1-3	2	0	0	0	0	0	0	0	0
YEAR 2026	TANN 1-3	3	0	0	0	0	0	0	0	0
YEAR 2027	TANN 1-3	4	0	0	0	0	0	0	0	0
YEAR 2028	TANN 1-3	1	0	0	0	0	0	0	0	0
YEAR 2029	TANN 1-3	2	0	0	0	0	0	0	0	0
YEAR 2030	TANN 1-3	3	0	0	0	0	0	0	0	0
YEAR 2031	TANN 1-3	4	0	0	0	0	0	0	0	0
YEAR 2032	TANN 1-3	1	0	0	0	0	0	0	0	0
YEAR 2033	TANN 1-3	2	0	0	0	0	0	0	0	0
YEAR 2034	TANN 1-3	3	0	0	0	0	0	0	0	0
YEAR 2035	TANN 1-3	4	0	0	0	0	0	0	0	0
YEAR 2036	TANN 1-3	1	0	0	0	0	0	0	0	0
YEAR 2037	TANN 1-3	2	0	0	0	0	0	0	0	0
YEAR 2038	TANN 1-3	3	0	0	0	0	0	0	0	0
YEAR 2039	TANN 1-3	4	0	0	0	0	0	0	0	0
YEAR 2040	TANN 1-3	1	0	0	0	0	0	0	0	0

THERMAL UNIT SEASON 1 JANUARY  
CEREDO 1 75 CEREDO 2 76 CEREDO 3 77 CEREDO 4 78 CEREDO 5 79 CEREDO 6 80 DARBY 1 81

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

YEAR 2025  
YEAR 2026  
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.

THERMAL UNIT	SEASON 1	JANUARY	109	110	111	114	115	124	125
	CC 2x1FA	CC 1x17H	BS2_CC	CF GE7FA	CF GE7EA	BS2_FGD	BS1_FGD		
YEAR 2016	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 1 JANUARY  
 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 RPID\_TM 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
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

YEAR	HEAT RATE PROFILE	SEASON	1	JANUARY	134	135	136	137	144	145	146
YEAR	HEAT RATE PROFILE	SEASON	1	JANUARY	RP2D_IM	TANA_FGD	RPID_KP	RP2D_KP	TC4_ESP	A3908_AP	A3908OP
YEAR	HEAT RATE PROFILE	SEASON	1	JANUARY	2	4	1	2	4	3	3
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 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

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



4-Company East Optimization

SEASONAL HEAT RATE PROFILE	SEASON 1	JANUARY	155	156	157	158	159	160	161
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030
YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038		
CT_OHIO 1	0	0	0	0	0	0	0	0	0
CC_OH 1	0	0	0	0	0	0	0	0	0
CT_APCO 1	0	0	0	0	0	0	0	0	0
CC_APCO 1	0	0	0	0	0	0	0	0	0
CT_KPCCO 1	0	0	0	0	0	0	0	0	0
CC_KPCCO 1	0	0	0	0	0	0	0	0	0

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 -----

-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SEASONAL HEAT RATE PROFILE	SEASON	1	JANUARY	-----	-----	-----	-----	-----	-----
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									
YEAR 2015									
YEAR 2016									
YEAR 2017									

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

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	1	JANUARY	177	178	179	181	182	183	184
				ISCC OH	FC_UL_OH	NUKE OH	RPID_03	RPID_04	RPID_08	RPID_20
YEAR 2018				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										

THERMAL UNIT SEASON 1 JANUARY

186	187	188	189	190	191	223
RP1TR_1M	RP2TR_1M	RP1TR_KP	RP2TR_KP	T4_TRONA	T4_TRCCR	MR_STKRL
1	2	1	2	4	4	1
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	2033	2034	2035	2036	2037	2038	2039	2040
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	-----	-----	-----	-----	-----	-----	-----	-----	-----

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

SEASON	1	JANUARY	-----	-----	-----	-----	-----	-----	-----
MR_STKR2	224	AMS3_SI	228	BS2_SI	229	MRS_CF	230	MRS_SI	231
RPT1_CF	232	RPT2_CF	233						
0	0	0	0	0	0	0	0	0	0
1	1	3	2	5	5	1	2		



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	SEASON	MR_STKR2	AMS3_SI	BS2_SI	MRS_CF	MRS_SI	RPT1_CF	RPT2_CF
YEAR 2030	1	1	3	2	5	5	1	2
YEAR 2031	1	1	3	2	5	5	1	2
YEAR 2032	1	1	3	2	5	5	1	2
YEAR 2033	1	1	3	2	5	5	1	2
YEAR 2034	1	1	3	2	5	5	1	2
YEAR 2035	1	1	3	2	5	5	1	2
YEAR 2036	1	1	3	2	5	5	1	2
YEAR 2037	1	1	3	2	5	5	1	2
YEAR 2038	1	1	3	2	5	5	1	2
YEAR 2039	1	1	3	2	5	5	1	2
YEAR 2040	1	1	3	2	5	5	1	2

===== THERMAL UNIT SEASON 1 JANUARY =====

SEASONAL HEAT RATE PROFILE	RP11_SI	RP12_SI	DC1_HPF	DC1_IS	DC1_BPF	DC1_I17	DC1_3800
YEAR 2011	234	235	251	252	253	254	255
YEAR 2012	1	2	1	1	1	1	1
YEAR 2013	1	2	1	1	1	1	1
YEAR 2014	1	2	1	1	1	1	1
YEAR 2015	1	2	1	1	1	1	1
YEAR 2016	1	2	1	1	1	1	1
YEAR 2017	1	2	1	1	1	1	1
YEAR 2018	1	2	1	1	1	1	1
YEAR 2019	1	2	1	1	1	1	1
YEAR 2020	1	2	1	1	1	1	1
YEAR 2021	1	2	1	1	1	1	1
YEAR 2022	1	2	1	1	1	1	1
YEAR 2023	1	2	1	1	1	1	1
YEAR 2024	1	2	1	1	1	1	1
YEAR 2025	1	2	1	1	1	1	1
YEAR 2026	1	2	1	1	1	1	1
YEAR 2027	1	2	1	1	1	1	1
YEAR 2028	1	2	1	1	1	1	1
YEAR 2029	1	2	1	1	1	1	1
YEAR 2030	1	2	1	1	1	1	1
YEAR 2031	1	2	1	1	1	1	1
YEAR 2032	1	2	1	1	1	1	1
YEAR 2033	1	2	1	1	1	1	1
YEAR 2034	1	2	1	1	1	1	1
YEAR 2035	1	2	1	1	1	1	1
YEAR 2036	1	2	1	1	1	1	1
YEAR 2037	1	2	1	1	1	1	1
YEAR 2038	1	2	1	1	1	1	1
YEAR 2039	1	2	1	1	1	1	1
YEAR 2040	1	2	1	1	1	1	1

===== THERMAL UNIT SEASON 1 JANUARY =====

DC2_HPF	DC2_BPF	DC2_STU	DC2_3800	BIGSD_I5	BIGSD_CP	CAN_O_HM
257	258	259	260	269	270	271
2	2	2	2	1	1	1

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

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.

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	

----- THERMAL UNIT SEASON 1 JANUARY -----

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
272	273	274	275	276	277	278
GIN_5_15_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
279	280	281	282	283	284	285

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 -----

SEASONAL HEAT RATE PROFILE	SEASON 1	JANUARY	-----	-----	-----	-----	-----	-----
YEAR 2011	286	287	288	289	290	291	292	
YEAR 2012	KMR_F_GP_2	KMR_F_HH_3	KMR_F_GP_3	KWA_1_HH_1	KWA_1_LS_1	KWA_2_HH_2	KWA_2_LS_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								

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 2023	-----	SEASON 1	JANUARY	-----	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 2024	-----			-----														
-----	YEAR 2025	-----			-----														
-----	YEAR 2026	-----			-----														
-----	YEAR 2027	-----			-----														
-----	YEAR 2028	-----			-----														
-----	YEAR 2029	-----			-----														
-----	YEAR 2030	-----			-----														
-----	YEAR 2031	-----			-----														
-----	YEAR 2032	-----			-----														
-----	YEAR 2033	-----			-----														
-----	YEAR 2034	-----			-----														
-----	YEAR 2035	-----			-----														
-----	YEAR 2036	-----			-----														

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

-----	YEAR 2011	-----	SEASON 1	JANUARY	-----	MSKR1_HM	293	MSKR1_12	294	MSKR2_HM	295	MSKR2_12	296	MSKR3_GP	297	MR3HM_12	298	MSKR4_GP	299
-----	YEAR 2012	-----			-----														
-----	YEAR 2013	-----			-----														
-----	YEAR 2014	-----			-----														
-----	YEAR 2015	-----			-----														
-----	YEAR 2016	-----			-----														
-----	YEAR 2017	-----			-----														
-----	YEAR 2018	-----			-----														
-----	YEAR 2019	-----			-----														
-----	YEAR 2020	-----			-----														
-----	YEAR 2021	-----			-----														
-----	YEAR 2022	-----			-----														
-----	YEAR 2023	-----			-----														
-----	YEAR 2024	-----			-----														
-----	YEAR 2025	-----			-----														
-----	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	300	301	302	303
YEAR 2012	300	301	302	303
YEAR 2013	300	301	302	303
YEAR 2014	300	301	302	303
YEAR 2015	300	301	302	303
YEAR 2016	300	301	302	303
YEAR 2017	300	301	302	303
YEAR 2018	300	301	302	303
YEAR 2019	300	301	302	303
YEAR 2020	300	301	302	303
YEAR 2021	300	301	302	303
YEAR 2022	300	301	302	303
YEAR 2023	300	301	302	303
YEAR 2024	300	301	302	303
YEAR 2025	300	301	302	303
YEAR 2026	300	301	302	303
YEAR 2027	300	301	302	303
YEAR 2028	300	301	302	303
YEAR 2029	300	301	302	303
YEAR 2030	300	301	302	303
YEAR 2031	300	301	302	303
YEAR 2032	300	301	302	303
YEAR 2033	300	301	302	303
YEAR 2034	300	301	302	303

NOTE: DATA 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													
	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	958 CC_KPCO	959 RP2D_KP	960 RP2D_IM	961 CSV6_SCR	962 CSV5_SCR	963 DUMMY_OP	964 DUMMY_KP	965 RP1D_03	966 RP1D_KP	967 BS2_FGD
YEAR 2014	0	0	0	0	958	959	960	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														
THERMAL UNIT	SEASON 1 JANUARY													
SEASONAL HEAT RATE PROFILE	961 CSV6_SCR	962 CSV5_SCR	963 DUMMY_OP	964 DUMMY_KP	965 RP1D_03	966 RP1D_KP	967 BS2_FGD	0	0	0	0	0	0	0
YEAR 2011	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	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	CR2_NGCC 968	CR1_NGCC 969	MRS_NGCC 970	DUMMY_OP 971	DUMMY_OP 972	DUMMY_OP 973	DUMMY_OP 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.



4-Company East Optimization

YEAR 2040	SEASON 1	JANUARY	982	983	984	985	986	987	988
SEASONAL HEAT RATE PROFILE	HEAT RATE	PROFITE	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP
YEAR 2011			982	983	984	985	986	987	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									
YEAR 2023									
YEAR 2024									
YEAR 2025									
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 = GAR.INPUT.THERMAL UNIT.

YEAR 2038	YEAR 2039	YEAR 2040
882	883	884
DUMMY_OP	DUMMY_OP	DUMMY_OP
982	983	984
DUMMY_OP	DUMMY_OP	DUMMY_OP
985	986	987
DUMMY_OP	DUMMY_OP	DUMMY_OP
985	986	987
DUMMY_OP	DUMMY_OP	DUMMY_OP
988	988	988
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	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	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	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	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	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	
989	990	991	992	993	994	995	996	997	998	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	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	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

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	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	
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	DUMMY_OP	
989	990	991	992	993	994	995	996	997	998	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	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	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

THERMAL UNIT	SEASON 1	JANUARY
996	996	997
T4_TRONA	RP2TR	RP2TR_TM
996	997	998
DUMMY_OP	DUMMY_OP	DUMMY_OP
999	999	999
DUMMY_OP	DUMMY_OP	DUMMY_OP

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018
0	0	0	0	0	0	0	0
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
999	999	999	999	999	999	999	999
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP

YEAR	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
2019	1	2	3	4	5	6	7
YEAR 2019	1	2	3	4	5	6	7
YEAR 2020	1	2	3	4	5	6	7
YEAR 2021	1	2	3	4	5	6	7
YEAR 2022	1	2	3	4	5	6	7
YEAR 2023	1	2	3	4	5	6	7
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
YEAR 2036	1	2	3	4	5	6	7
YEAR 2037	1	2	3	4	5	6	7
YEAR 2038	1	2	3	4	5	6	7
YEAR 2039	1	2	3	4	5	6	7
YEAR 2040	1	2	3	4	5	6	7
SEASONAL HEAT RATE PROFILE	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
YEAR 2011	1	2	3	4	5	6	7
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

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 2017	-----	YEAR 2018	-----	YEAR 2019	-----	YEAR 2020	-----	YEAR 2021	-----	YEAR 2022	-----	YEAR 2023	-----	YEAR 2024	-----	YEAR 2025	-----	YEAR 2026	-----	YEAR 2027	-----	YEAR 2028	-----	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 2017	-----	YEAR 2018	-----	YEAR 2019	-----	YEAR 2020	-----	YEAR 2021	-----	YEAR 2022	-----	YEAR 2023	-----	YEAR 2024	-----	YEAR 2025	-----	YEAR 2026	-----	YEAR 2027	-----	YEAR 2028	-----	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 2017	-----	YEAR 2018	-----	YEAR 2019	-----	YEAR 2020	-----	YEAR 2021	-----	YEAR 2022	-----	YEAR 2023	-----	YEAR 2024	-----	YEAR 2025	-----	YEAR 2026	-----	YEAR 2027	-----	YEAR 2028	-----	YEAR 2029	-----	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 9 10 11 12 13 14  
 2 2 3 1 2 3 4 5

----- YEAR 2011 SEASONAL HEAT RATE PROFILE -----  
 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	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE	15	16	17	18	19	20	21			
CLIFFY	6									
CLINCH R	1									
CLINCH R	2									
CLINCH R	3									
ROCKE_KP	1									
ROCKE_KP	2									
CSVL 1-4	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	15	16	17	18	19	20	21				
YEAR 2029	CLIFTY	6	CLINCH R	1	CLINCH R	2	CLINCH R	3	ROCKP_KP	1	ROCKP_KP	2	CSVL 1-4	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 SEASON 2 FEBRUARY

SEASONAL HEAT RATE PROFILE	22	23	24	25	26	27	28
YEAR 2011	0	0	0	0	0	0	28
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							

CSVL 1-4	22	23	24	25	26	27	28
4	4	5	6	1	2	1	2

THERMAL UNIT SEASON 2 FEBRUARY

THERMAL UNIT	29	30	33	34	35	36	37
YEAR 2040							

GLEN LYN	29	30	KAWMER	33	KAWMER	34	KAWMER	35	KANAWHA	36	KANAWHA	37

4-Company Best 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 -----

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===== SEASON 2 FEBRUARY =====
THERMAL UNIT
-----
P SPORN 2 52
P SPORN 3 53
P SPORN 4 54
P SPORN 5 55
PICWAY 5 56
RPRET_IM 1 57
RPRUN_IM 1 58
-----
YEAR 2011 -----
SEASONAL HEAT RATE 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.

THERMAL UNIT	SEASON	2	FEBRUARY	52	53	54	55	56	57	58
				P SPORN	P SPORN	P SPORN	P SPORN	PLOWAY	RPRET_IM	RPRUN_IM
				2	3	4	5	5	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	-----

THERMAL UNIT	SEASON	2	FEBRUARY	59	61	62	63	64	65	66
				ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN I-3
				2	1	2	3	4	3	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	HEAT RATE PROFILE	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE
YEAR	HEAT RATE PROFILE	2	3	4	1	1	2	3
YEAR 2035		67	68	69	70	71	72	73
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
===== SEASON 2 FEBRUARY =====								
SEASONAL HEAT RATE PROFILE		67	68	69	70	71	72	73
YEAR 2011								
YEAR 2012		0	0	0	0	164	164	164
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	2	FEBRUARY	67	68	69	70	71	72	73
				TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTWONE	ROBTWONE	ROBTWONE
				2	3	4	1	1	2	3
-----	YEAR 2033	-----								
-----	YEAR 2034	-----								
-----	YEAR 2035	-----								
-----	YEAR 2036	-----								
-----	YEAR 2037	-----								
-----	YEAR 2038	-----								
-----	YEAR 2039	-----								
-----	YEAR 2040	-----								

THERMAL UNIT	SEASON	2	FEBRUARY	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
-----	YEAR 2011	-----								
-----	YEAR 2012	-----								
-----	YEAR 2013	-----								
-----	YEAR 2014	-----								
-----	YEAR 2015	-----								
-----	YEAR 2016	-----								
-----	YEAR 2017	-----								
-----	YEAR 2018	-----								
-----	YEAR 2019	-----								
-----	YEAR 2020	-----								
-----	YEAR 2021	-----								
-----	YEAR 2022	-----								
-----	YEAR 2023	-----								
-----	YEAR 2024	-----								
-----	YEAR 2025	-----								
-----	YEAR 2026	-----								
-----	YEAR 2027	-----								
-----	YEAR 2028	-----								
-----	YEAR 2029	-----								
-----	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	82	83	84	85	86	87	88
				DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	LMBG WIN 1	LMBG WIN 2
				0	0	0	0	0	0	0
-----	YEAR 2011	-----								
-----	YEAR 2012	-----								
-----	YEAR 2013	-----								









APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

-----	YEAR 2024	-----	YEAR 2025	-----	YEAR 2026	-----	YEAR 2027	-----	YEAR 2028	-----	YEAR 2029	-----	YEAR 2030	-----	YEAR 2031	-----	YEAR 2032	-----	YEAR 2033	-----	YEAR 2034	-----	YEAR 2035	-----	YEAR 2036	-----	YEAR 2037	-----	YEAR 2038	-----	YEAR 2039	-----	YEAR 2040
-----	109	-----	110	-----	111	-----	114	-----	115	-----	124	-----	125	-----		-----		-----		-----		-----		-----		-----		-----		-----		-----	
-----	CC 2X1FA	-----	CC 1X17H	-----	BS2_CC	-----	CF GE7FA	-----	CF_GE7FA	-----	BS2_FGD	-----	BS1_FGD	-----		-----		-----		-----		-----		-----		-----		-----		-----		-----	
-----	1	-----	1	-----	1	-----	1	-----	1	-----	2	-----	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
-----	126	-----	127	-----	129	-----	130	-----	131	-----	132	-----	133	-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----			
-----	CSV5_SCR	-----	CSV6_SCR	-----	CR1_NGCC	-----	CR2_NGCC	-----	MRS_NGCC	-----	MRS_FGD	-----	RP1D_TM	-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----	
-----	5	-----	6	-----	1	-----	2	-----	5	-----	5	-----	1	-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----	

YEAR	SEASON	134	135	136	137	144	145	146
YEAR	SEASON	RP2D_IM	TAM4_FGD	RP1D_KP	RP2D_KP	TC4_ESP	A3908_AP	A3908OP
YEAR	SEASON	2	4	1	2	4	3	3
YEAR 2038	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2039	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2040	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2011	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2012	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2013	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2014	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2015	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2016	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2017	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2018	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2019	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2020	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2021	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2022	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2023	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2024	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2025	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2026	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2027	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2028	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2029	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2030	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2031	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2032	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2033	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2034	SEASON 2 FEBRUARY	0	0	0	0	0	0	0
YEAR 2035	SEASON 2 FEBRUARY	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	134	TAN4_FGD	135	RPID_KP	136	RP2D_KP	137	TC4_ESP	144	A390% AP	145	A390%OP	146
				RP2D_IM												
YEAR 2036				2	4		1		2		4			3		3
YEAR 2037																
YEAR 2038																
YEAR 2039																
YEAR 2040																

THERMAL UNIT	SEASON	2	FEBRUARY	147	RP11_90%	148	RP12_90%	149	GV1_90%	150	GV2_90%	151	MTN_18%	153	CC_FA_KP	154
				MTN_90%												
YEAR 2011				1	1		2		1		2		1	1		1
SEASONAL HEAT RATE PROFILE				0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012																
YEAR 2013																
SEASONAL HEAT RATE PROFILE				150	0	0	0	0	0	0	0	0	150	0	0	0
YEAR 2014																
SEASONAL HEAT RATE PROFILE				0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2015																
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																

THERMAL UNIT	SEASON	2	FEBRUARY	155	CC_OH	156	CT_1&M	157	CC_1&M	158	CT_APCO	159	CC_APCO	160	CT_KPCO	161
				CT_OHIO												
YEAR 2011				1	1		1		1		1		1		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																



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

-----  
THERMAL UNIT SEASON 2 FEBRUARY -----

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	5	22	23	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 -----

-----  
THERMAL UNIT SEASON 2 FEBRUARY -----

Nuke_AP	170	IGCC IM	171	PC_UL_IM	172	NUKE_IM	173	IGCC KP	174	PC_UL_KP	175	NUKE_KP	176
	1	1	1	1	1	1	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	-----								
-----	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	-----								

SEASONAL HEAT RATE PROFILE	SEASON 2 FEBRUARY	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2011	177	178	179	181	182	183	184		
YEAR 2012	IGCC OH 1	PC_UL_OH 1	NUKE OH 1	RPID_03 1	RPID_04 1	RPID_08 1	RPID_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									

NOTE: DATA 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 -----

ICGC OH	177	PC_UP_OH	178	NUKE OH	179	RP1D_03	181	RP1D_04	182	RP1D_08	183	RP1D_20	184
1		1		1		1		1		1		1	

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

----- THERMAL UNIT ----- SEASON 2 FEBRUARY -----

RP1TR_IM	186	RP2TR_IM	187	RP1TR_KP	188	RP2TR_KP	189	T4_FTRONA	190	T4_TRCCR	191	MR_STKR1	223
1		2		1		2		4		4		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	SEASON 2 FEBRUARY	MR_SMKR2	AMS3_SI	BS2_SI	MRS_CF	MRS_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	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 = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 2 FEBRUARY		SEASON 2 FEBRUARY		SEASON 2 FEBRUARY		SEASON 2 FEBRUARY		SEASON 2 FEBRUARY		SEASON 2 FEBRUARY	
MR_STRK2	AMS3_SI	BS2_SI	MRS_CF	MRS_SI	RPT1_CF	RPT2_CF	DC1_HPT	DC1_IS	DC1_EFF	DC1_I7	DC1_3800	DC1_HPT	DC1_IS
224	228	229	230	231	232	233	251	252	253	254	255	257	258
1	3	2	5	5	1	2	1	1	1	1	1	2	2
YEAR 2038	YEAR 2039	YEAR 2040											

THERMAL UNIT		SEASON 2 FEBRUARY		SEASON 2 FEBRUARY		SEASON 2 FEBRUARY		SEASON 2 FEBRUARY		SEASON 2 FEBRUARY		SEASON 2 FEBRUARY	
RPT1_SI	RPT2_SI	DC1_HPT	DC1_IS	DC1_EFF	DC1_I7	DC1_3800	DC2_HPT	DC2_EFF	DC2_SPU	DC2_3800	BIGSD_I5	BIGSD_GP	CIN_Q_HM
234	235	251	252	253	254	255	257	258	259	260	269	270	271
1	2	1	1	1	1	1	2	2	2	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	YEAR 2028	YEAR 2029	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		SEASON 2 FEBRUARY		SEASON 2 FEBRUARY		SEASON 2 FEBRUARY		SEASON 2 FEBRUARY		SEASON 2 FEBRUARY	
DC2_HPT	DC2_EFF	DC2_SPU	DC2_3800	BIGSD_I5	BIGSD_GP	CIN_Q_HM	DC2_HPT	DC2_EFF	DC2_SPU	DC2_3800	BIGSD_I5	BIGSD_GP	CIN_Q_HM
257	258	259	260	269	270	271	0	0	0	0	0	0	0
2	2	2	2	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 2018													





----- 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 2 FEBRUARY	KMR_F_GP_2	KMR_F_HM_3	KMR_F_GP_3	KWA_1_HM_1	KWA_1_IS_1	KWA_2_HM_2	KWA_2_IS_2
YEAR 2011	286	0	0	0	0	0	0	0
YEAR 2012	287	0	0	0	0	0	0	0
YEAR 2013	288	0	0	0	0	0	0	0
YEAR 2014	289	0	0	0	0	0	0	0
YEAR 2015	290	0	0	0	0	0	0	0
YEAR 2016	291	0	0	0	0	0	0	0
YEAR 2017	292	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								
YEAR 2028								

NOTE: DATA 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	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
YEAR 2011				MSKR1_HM 1	MSKR1_12 1	MSKR2_GP 2	MSKR2_12 2	MSKR3_GP 3	MR3HM_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										

THERMAL UNIT	SEASON	2	FEBRUARY	300	301	302	303	304	305	306
YEAR 2011				M4HM_12 4	PTCMY_HM 5	PTCMY_GP 5	SP1_F_HM 1	SP1_F_15 1	SP2_F_HM 2	SP2_F_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										

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	

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 2011	YEAR 2012	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
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
SEASON 2 FEBRUARY	SEASON 2 FEBRUARY	SEASON 2 FEBRUARY	SEASON 2 FEBRUARY	SEASON 2 FEBRUARY	SEASON 2 FEBRUARY	SEASON 2 FEBRUARY	SEASON 2 FEBRUARY	SEASON 2 FEBRUARY	SEASON 2 FEBRUARY	SEASON 2 FEBRUARY	SEASON 2 FEBRUARY	SEASON 2 FEBRUARY	SEASON 2 FEBRUARY	SEASON 2 FEBRUARY
THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT
SP3_Q_HM 307	SP3_Q_HM 308	SP4_Q_HM 309	SP4_Q_HM 310	SP5_HM 311	SP5_I5 312	TNR_F_HM 313	TNR_F_I5 314	TNR_F_HM 315	TNR_F_I5 316	TNR_F_HM 317	TNR_F_I5 318	PW_GP_I5 319	RH1115_I 320	
0	3	3	4	4	5	5	1	2	2	3	3	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
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT	THERMAL UNIT
TNR_F_I5 314	TNR_F_HM 315	TNR_F_I5 316	TNR_F_HM 317	TNR_F_I5 318	PW_GP_I5 319	RH1115_I 320								
1	2	2	3	3	5	1								

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

SEASONAL HEAT RATE PROFILE	SEASON 2 FEBRUARY	500 DURMKT_OP 0	501 DURMKT_TM 0	502 DURMKT_AP 0	503 DURMKT_KP 0	958 CC_KPCO 958	959 RP2D_KP 959	960 RP2D_TM 960
----- 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 = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT SEASON 2 FEBRUARY

YEAR	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KPCO	RP2D_KP	RP2D_IM
YEAR 2023	0	0	0	0	958	959	960
YEAR 2024	0	0	0	0	958	959	960
YEAR 2025	0	0	0	0	958	959	960
YEAR 2026	0	0	0	0	958	959	960
YEAR 2027	0	0	0	0	958	959	960
YEAR 2028	0	0	0	0	958	959	960
YEAR 2029	0	0	0	0	958	959	960
YEAR 2030	0	0	0	0	958	959	960
YEAR 2031	0	0	0	0	958	959	960
YEAR 2032	0	0	0	0	958	959	960
YEAR 2033	0	0	0	0	958	959	960
YEAR 2034	0	0	0	0	958	959	960
YEAR 2035	0	0	0	0	958	959	960
YEAR 2036	0	0	0	0	958	959	960
YEAR 2037	0	0	0	0	958	959	960
YEAR 2038	0	0	0	0	958	959	960
YEAR 2039	0	0	0	0	958	959	960
YEAR 2040	0	0	0	0	958	959	960

THERMAL UNIT SEASON 2 FEBRUARY

YEAR	CSV6_SCR	CSV5_SCR	DUMMY_OP	DUMMY_KP	RP1D_03	RP1D_KP	BS2_FGD
YEAR 2011	961	962	963	964	965	966	967
YEAR 2012	961	962	963	964	965	966	967
YEAR 2013	961	962	963	964	965	966	967
YEAR 2014	961	962	963	964	965	966	967
YEAR 2015	961	962	963	964	965	966	967
YEAR 2016	961	962	963	964	965	966	967
YEAR 2017	961	962	963	964	965	966	967
YEAR 2018	961	962	963	964	965	966	967
YEAR 2019	961	962	963	964	965	966	967
YEAR 2020	961	962	963	964	965	966	967
YEAR 2021	961	962	963	964	965	966	967
YEAR 2022	961	962	963	964	965	966	967
YEAR 2023	961	962	963	964	965	966	967
YEAR 2024	961	962	963	964	965	966	967
YEAR 2025	961	962	963	964	965	966	967
YEAR 2026	961	962	963	964	965	966	967
YEAR 2027	961	962	963	964	965	966	967
YEAR 2028	961	962	963	964	965	966	967
YEAR 2029	961	962	963	964	965	966	967
YEAR 2030	961	962	963	964	965	966	967
YEAR 2031	961	962	963	964	965	966	967
YEAR 2032	961	962	963	964	965	966	967
YEAR 2033	961	962	963	964	965	966	967
YEAR 2034	961	962	963	964	965	966	967
YEAR 2035	961	962	963	964	965	966	967
YEAR 2036	961	962	963	964	965	966	967



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 2 FEBRUARY										
YEAR 2035		CR2_NGCC 968	CRI_NGCC 969	MRS_NGCC 970	DUMMY_OP 971	DUMMY_OP 972	DUMMY_OP 973	DUMMY_OP 974				
YEAR 2036												
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												
YEAR 2013												
YEAR 2014												
YEAR 2015												
YEAR 2016												
YEAR 2017												
YEAR 2018												
YEAR 2019												
YEAR 2020												
YEAR 2021												
YEAR 2022												
YEAR 2023												
YEAR 2024												
YEAR 2025												
YEAR 2026												
YEAR 2027												
YEAR 2028												
YEAR 2029												
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												
YEAR 2013												
YEAR 2014												
YEAR 2015												



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 2 FEBRUARY	989	990	991	992	993	994	995
YEAR 2014	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2015	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2016	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2017	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2018	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2019	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2020	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2021	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2022	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2023	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2024	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2025	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2026	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2027	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2028	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2029	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2030	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2031	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2032	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2033	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2034	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2035	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2036	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2037	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2038	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2039	DUMMY_OP	989	990	991	992	993	994	995
YEAR 2040	DUMMY_OP	989	990	991	992	993	994	995

THERMAL UNIT SEASON 2 FEBRUARY  
 T4\_TRONA 996 RP2TR\_KP 997 RP2TR\_IM 998 DUMMY\_OP 999  
 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 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	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE	1	2	3	4	5	6	7						
YEAR 2011	0	0	0	0	0	0	0						
YEAR 2012	1	2	3	4	5	6	7						
YEAR 2013	1	2	3	4	5	6	7						
YEAR 2014	1	2	3	4	5	6	7						
YEAR 2015	1	2	3	4	5	6	7						
YEAR 2016	1	2	3	4	5	6	7						
YEAR 2017	1	2	3	4	5	6	7						
YEAR 2018	1	2	3	4	5	6	7						
YEAR 2019	1	2	3	4	5	6	7						
YEAR 2020	1	2	3	4	5	6	7						
YEAR 2021	1	2	3	4	5	6	7						
YEAR 2022	1	2	3	4	5	6	7						
YEAR 2023	1	2	3	4	5	6	7						
YEAR 2024	1	2	3	4	5	6	7						
YEAR 2025	1	2	3	4	5	6	7						

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	SEASON 3 MARCH													
	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 5	BIG SAND 6	CARD 1+2 7	AMOS 8	CARD 3 9	CLIFFY 1 10	CLIFFY 2 11	CLIFFY 3 12	CLIFFY 4 13	CLIFFY 5 14
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
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	CARD 1+2 8	CARD 3 9	CLIFFY 1 10	CLIFFY 2 11	CLIFFY 3 12	CLIFFY 4 13	CLIFFY 5 14							
YEAR 2011	2	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														

4-Company East Optimization

YEAR 2040	SEASON 3	MARCH	CLIFFY 15	CLINCH R 16	CLINCH R 17	CLINCH R 18	ROCKP_KP 19	ROCKP_KP 20	CSVL 1-4 21
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	MARCH	CLIFTY	CLINCH	CLINCH	CLINCH	ROCKP	ROCKP	CSVL
YEAR 2038	SEASON 3	MARCH	15	16	17	18	19	20	21
YEAR 2039	SEASON 3	MARCH	6	1	2	3	1	2	3
YEAR 2040	SEASON 3	MARCH							

YEAR	SEASON	MARCH	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
YEAR 2011	SEASON 3	MARCH	22	23	24	25	26	27	28
YEAR 2012	SEASON 3	MARCH	4	5	6	1	2	1	2
YEAR 2013	SEASON 3	MARCH							
YEAR 2014	SEASON 3	MARCH							
YEAR 2015	SEASON 3	MARCH							
YEAR 2016	SEASON 3	MARCH							
YEAR 2017	SEASON 3	MARCH							
YEAR 2018	SEASON 3	MARCH							
YEAR 2019	SEASON 3	MARCH							
YEAR 2020	SEASON 3	MARCH							
YEAR 2021	SEASON 3	MARCH							
YEAR 2022	SEASON 3	MARCH							
YEAR 2023	SEASON 3	MARCH							
YEAR 2024	SEASON 3	MARCH							
YEAR 2025	SEASON 3	MARCH							
YEAR 2026	SEASON 3	MARCH							
YEAR 2027	SEASON 3	MARCH							
YEAR 2028	SEASON 3	MARCH							
YEAR 2029	SEASON 3	MARCH							
YEAR 2030	SEASON 3	MARCH							
YEAR 2031	SEASON 3	MARCH							
YEAR 2032	SEASON 3	MARCH							
YEAR 2033	SEASON 3	MARCH							
YEAR 2034	SEASON 3	MARCH							
YEAR 2035	SEASON 3	MARCH							
YEAR 2036	SEASON 3	MARCH							
YEAR 2037	SEASON 3	MARCH							
YEAR 2038	SEASON 3	MARCH							
YEAR 2039	SEASON 3	MARCH							
YEAR 2040	SEASON 3	MARCH							

YEAR	SEASON	MARCH	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA
YEAR 2011	SEASON 3	MARCH	29	30	33	34	35	36	37
YEAR 2012	SEASON 3	MARCH	5	6	1	2	3	1	2
YEAR 2013	SEASON 3	MARCH							
YEAR 2014	SEASON 3	MARCH							
YEAR 2015	SEASON 3	MARCH							
YEAR 2016	SEASON 3	MARCH							
YEAR 2017	SEASON 3	MARCH							
YEAR 2018	SEASON 3	MARCH							

----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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 2011	YEAR 2012	YEAR 2013	YEAR 2014
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 3	MARCH	38	39	40	41	42	43	44
	KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5	MITCHELL 1	MITCHELL 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 3	MARCH	45	46	47	48	49	50	51
	MOUNT_ER 1	MUSK_RVR 1	MUSK_RVR 2	MUSK_RVR 3	MUSK_RVR 4	MUSK_RVR 5	P SPORN 1		
YEAR 2011		45	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE									
YEAR 2012		0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE									
YEAR 2013									
YEAR 2014		150	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE									
YEAR 2015		0	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	SEASON	MARCH	52	53	54	55	56	57	58
YEAR 2030	3	=====	P SPORN	P SPORN	P SPORN	P SPORN	PLOWAY	RPRPT_IM	RPRUN_IM
YEAR 2031	3	=====	2	3	4	5	5	_1	_1
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
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3	MARCH	52	53	54	55	56	57	58
	P SPORN	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRET_TM	RPRUN_TM	
YEAR 2028	2	3	4	5	5	5	1	1	
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 3	MARCH	59	61	62	63	64	65	66
	ROCKE_IM	STUART	STUART	STUART	STUART	STUART	AMOS_AP	TANN	
YEAR 2011	2	1	2	3	3	4	3	1-3	1
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 3	MARCH	67	68	69	70	71	72	73
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
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	TANN 1-3 2	TANN 1-3 3	TANN 4 4	ZIMMER 1	ROBTMONE 1	ROBTMONE 2	ROBTMONE 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.





YEAR	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																				
YEAR 2016																				
YEAR 2017																				
YEAR 2018																				

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



YEAR	SEASON	MARCH	109	110	111	114	115	124	125
YEAR 2033	3	-----	CC 2x1FA	1	183	0	0	0	0
YEAR 2034	3	-----	109	110	111	114	115	124	125
YEAR 2035	3	-----	1	1	1	1	1	2	1
YEAR 2036	3	-----	1	1	1	1	1	2	1
YEAR 2037	3	-----	1	1	1	1	1	2	1
YEAR 2038	3	-----	1	1	1	1	1	2	1
YEAR 2039	3	-----	1	1	1	1	1	2	1
YEAR 2040	3	-----	1	1	1	1	1	2	1
YEAR 2011	3	-----	0	0	183	0	0	0	0
YEAR 2012	3	-----	0	0	183	0	0	0	0
YEAR 2013	3	-----	0	0	183	0	0	0	0
YEAR 2014	3	-----	0	0	183	0	0	0	0
YEAR 2015	3	-----	0	0	183	0	0	0	0
YEAR 2016	3	-----	0	0	183	0	0	0	0
YEAR 2017	3	-----	0	0	183	0	0	0	0
YEAR 2018	3	-----	0	0	183	0	0	0	0
YEAR 2019	3	-----	0	0	183	0	0	0	0
YEAR 2020	3	-----	0	0	183	0	0	0	0
YEAR 2021	3	-----	0	0	183	0	0	0	0
YEAR 2022	3	-----	0	0	183	0	0	0	0
YEAR 2023	3	-----	0	0	183	0	0	0	0
YEAR 2024	3	-----	0	0	183	0	0	0	0
YEAR 2025	3	-----	0	0	183	0	0	0	0
YEAR 2026	3	-----	0	0	183	0	0	0	0
YEAR 2027	3	-----	0	0	183	0	0	0	0
YEAR 2028	3	-----	0	0	183	0	0	0	0
YEAR 2029	3	-----	0	0	183	0	0	0	0
YEAR 2030	3	-----	0	0	183	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 3	MARCH	109	110	111	114	115	124	125
			CC 2X1FA	CC 1X17H	BS2_CC	CT GETFA	CT_GETFA	BS2_FGD	BS1_FGD
YEAR 2031			1			1	1	2	1
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 3	MARCH	126	127	129	130	131	132	133
			CSV5_SCR	CSV6_SCR	CRL_NGCC	CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM
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	134	135	136	137	144	145	146
			RP2D_IM	TAN4_FGD	RP1D_KP	RP2D_KP	TC4_ESP	A3908_AP	A3908OP
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									

4-Company East Optimization

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
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----- YEAR 2019 -----  
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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 = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3 MARCH													
	MIN_90%	RPT1_90%	RPT2_90%	GVL_90%	GV2_90%	MIN_18%	CC_PAKP	CT_OHIO	CC_OH	CT_IAM	CC_IAM	CT_APCO	CC_APCO	CT_KPCO
SEASONAL HEAT RATE PROFILE	147	148	149	150	151	153	154	155	156	157	158	159	160	161
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
SEASONAL HEAT RATE PROFILE	150	0	0	0	0	150	0	0	0	0	0	0	0	0
YEAR 2014	150	0	0	0	0	150	0	0	0	0	0	0	0	0
YEAR 2015	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
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
SEASONAL HEAT RATE PROFILE	155	156	157	158	159	160	161	155	156	157	158	159	160	161
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 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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 3	MARCH	162	163	164	165	166	168	169
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
CC_KPCO	1	1	5	22	23	1	1	1	1
BS2_FGD	0	0	0	0	0	0	0	0	0
IGCC_AP	0	0	0	0	0	0	0	0	0
PC_UL_AP	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.

SEASON	3	MARCH	162	163	164	165	166	168	169
CC_KPCO	1	BS2 FGD	1	BS2 FGD	5	BS2 FGD	23	IGCC AP	1
PC_UL_AP									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 -----

SEASON	3	MARCH	170	171	172	173	174	175	176
NUKE_AP	1	IGCC IM	1	PC_UL_IM	1	NUKE_IM	1	IGCC KP	1
PC_UL_KP									1
NUKE_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 -----  
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 YEAR 2024 -----  
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 YEAR 2026 -----  
 YEAR 2027 -----  
 YEAR 2028 -----  
 YEAR 2029 -----  
 YEAR 2030 -----  
 YEAR 2031 -----  
 YEAR 2032 -----  
 YEAR 2033 -----  
 YEAR 2034 -----  
 YEAR 2035 -----

YEAR	SEASON	MARCH	177	178	179	181	182	183	184
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
=====									
SEASONAL HEAT RATE PROFILE	SEASON 3	MARCH	177	178	179	181	182	183	184
YEAR 2011			177	178	179	181	182	183	184
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									

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	SEASON	MONTH	IGCC OH	PC_UL_OH	NUKE OH	RPID_03	RPID_04	RPID_08	RPID_20
YEAR 2034		3	MARCH	177	178	179	181	182	183	184
YEAR 2035		3	MARCH	177	178	179	181	182	183	184
YEAR 2036		3	MARCH	177	178	179	181	182	183	184
YEAR 2037		3	MARCH	177	178	179	181	182	183	184
YEAR 2038		3	MARCH	177	178	179	181	182	183	184
YEAR 2039		3	MARCH	177	178	179	181	182	183	184
YEAR 2040		3	MARCH	177	178	179	181	182	183	184

YEAR	UNIT	SEASON	MONTH	RP1TR_IM	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_TROWNA	T4_TRCCR	MR_STKR1
YEAR 2011		3	MARCH	186	187	188	189	190	191	223
YEAR 2012		3	MARCH	186	187	188	189	190	191	223
YEAR 2013		3	MARCH	186	187	188	189	190	191	223
YEAR 2014		3	MARCH	186	187	188	189	190	191	223
YEAR 2015		3	MARCH	186	187	188	189	190	191	223
YEAR 2016		3	MARCH	186	187	188	189	190	191	223
YEAR 2017		3	MARCH	186	187	188	189	190	191	223
YEAR 2018		3	MARCH	186	187	188	189	190	191	223
YEAR 2019		3	MARCH	186	187	188	189	190	191	223
YEAR 2020		3	MARCH	186	187	188	189	190	191	223
YEAR 2021		3	MARCH	186	187	188	189	190	191	223
YEAR 2022		3	MARCH	186	187	188	189	190	191	223
YEAR 2023		3	MARCH	186	187	188	189	190	191	223
YEAR 2024		3	MARCH	186	187	188	189	190	191	223
YEAR 2025		3	MARCH	186	187	188	189	190	191	223
YEAR 2026		3	MARCH	186	187	188	189	190	191	223
YEAR 2027		3	MARCH	186	187	188	189	190	191	223
YEAR 2028		3	MARCH	186	187	188	189	190	191	223
YEAR 2029		3	MARCH	186	187	188	189	190	191	223
YEAR 2030		3	MARCH	186	187	188	189	190	191	223
YEAR 2031		3	MARCH	186	187	188	189	190	191	223
YEAR 2032		3	MARCH	186	187	188	189	190	191	223
YEAR 2033		3	MARCH	186	187	188	189	190	191	223
YEAR 2034		3	MARCH	186	187	188	189	190	191	223
YEAR 2035		3	MARCH	186	187	188	189	190	191	223
YEAR 2036		3	MARCH	186	187	188	189	190	191	223
YEAR 2037		3	MARCH	186	187	188	189	190	191	223
YEAR 2038		3	MARCH	186	187	188	189	190	191	223
YEAR 2039		3	MARCH	186	187	188	189	190	191	223
YEAR 2040		3	MARCH	186	187	188	189	190	191	223

YEAR	UNIT	SEASON	MONTH	MR_STKR2	AMS3_SI	BS2_SI	MR5_CF	MR5_SI	RPT1_CF	RPT2_CF
YEAR 2011		3	MARCH	224	228	229	230	231	232	233
YEAR 2012		3	MARCH	224	228	229	230	231	232	233
YEAR 2013		3	MARCH	224	228	229	230	231	232	233
YEAR 2014		3	MARCH	224	228	229	230	231	232	233
YEAR 2015		3	MARCH	224	228	229	230	231	232	233
YEAR 2016		3	MARCH	224	228	229	230	231	232	233
YEAR 2017		3	MARCH	224	228	229	230	231	232	233
YEAR 2018		3	MARCH	224	228	229	230	231	232	233
YEAR 2019		3	MARCH	224	228	229	230	231	232	233
YEAR 2020		3	MARCH	224	228	229	230	231	232	233
YEAR 2021		3	MARCH	224	228	229	230	231	232	233
YEAR 2022		3	MARCH	224	228	229	230	231	232	233
YEAR 2023		3	MARCH	224	228	229	230	231	232	233
YEAR 2024		3	MARCH	224	228	229	230	231	232	233
YEAR 2025		3	MARCH	224	228	229	230	231	232	233
YEAR 2026		3	MARCH	224	228	229	230	231	232	233
YEAR 2027		3	MARCH	224	228	229	230	231	232	233
YEAR 2028		3	MARCH	224	228	229	230	231	232	233
YEAR 2029		3	MARCH	224	228	229	230	231	232	233
YEAR 2030		3	MARCH	224	228	229	230	231	232	233
YEAR 2031		3	MARCH	224	228	229	230	231	232	233
YEAR 2032		3	MARCH	224	228	229	230	231	232	233
YEAR 2033		3	MARCH	224	228	229	230	231	232	233
YEAR 2034		3	MARCH	224	228	229	230	231	232	233
YEAR 2035		3	MARCH	224	228	229	230	231	232	233
YEAR 2036		3	MARCH	224	228	229	230	231	232	233
YEAR 2037		3	MARCH	224	228	229	230	231	232	233
YEAR 2038		3	MARCH	224	228	229	230	231	232	233
YEAR 2039		3	MARCH	224	228	229	230	231	232	233
YEAR 2040		3	MARCH	224	228	229	230	231	232	233



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3	MARCH	DC2_HPT	DC2_EFF	DC2_SPU	DC2_3800	BIGSD_15	BIGSD_GP	CLN_Q_HM
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
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	DC2_HPT	DC2_EFF	DC2_SPU	DC2_3800	BIGSD_15	BIGSD_GP	CLN_Q_HM
YEAR 2011			257	258	259	260	269	270	271
YEAR 2012			2	2	2	2	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	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 2027	-----								
YEAR 2028	-----								
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 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 2011			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	-----								

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









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

THEMAL UNIT	SPASON 3	MARCH	-----	-----	-----	-----	-----
	SP3_Q_HM	307	SP3_Q_15	308	SP4_Q_HM	309	SP4_Q_15
		3		3		4	
SEASONAL HEAT RATE PROFILE		0		0		0	
YEAR 2011		0		0		0	
YEAR 2012		0		0		0	
YEAR 2013		0		0		0	
YEAR 2014		0		0		0	
YEAR 2015		0		0		0	

TNR\_F\_HM 313  
 SP5\_HM 5 311  
 SP5\_15 5 312

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	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 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
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	TNR_F_15 314	TNR_F_HM 315	TNR_F_15 316	TNR_F_HM 317	TNR_F_15 318	PW_GP_15 319	RH111s 320
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
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
	0	0	0	0	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 3	MARCH	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	958 CC_RFCO	959 RP2D_KP	960 RP2D_IM
YEAR 2028			0	0	0	0	958	959	960
YEAR 2029									
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	961 CSV6_SCR	962 CSV5_SCR	963 DUMMY_OP	964 DUMMY_OP	965 RP1D_03	966 RP1D_KP	967 BS2_FGD
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									

SEASONAL HEAT RATE PROFILE	SEASON 3	MARCH	968	969	970	971	972	973	974
YEAR 2011			968	969	970	971	972	973	974
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
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
YEAR 2011			968	969	970	971	972	973	974
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
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YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

4-Company East Optimization

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	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 2040	SEASON 3		MARCH		SEASON 3		MARCH		SEASON 3		MARCH			
THERMAL UNIT	CR2_NGCC	968	CR1_NGCC	969	MRS_NGCC	970	DUMMY_OP	971	DUMMY_OP	972	DUMMY_OP	973	DUMMY_OP	974
	968		969		970		971		972		973		974	

YEAR 2011	SEASON 3		MARCH		SEASON 3		MARCH		SEASON 3		MARCH			
THERMAL UNIT	DUMMY_OP	975	DUMMY_OP	976	DUMMY_OP	977	DUMMY_OP	978	DUMMY_OP	979	DUMMY_OP	980	DUMMY_OP	981
	975		976		977		978		979		980		981	

YEAR 2012	SEASON 3		MARCH		SEASON 3		MARCH		SEASON 3		MARCH			
SEASONAL HEAT RATE PROFILE	DUMMY_OP	975	DUMMY_OP	976	DUMMY_OP	977	DUMMY_OP	978	DUMMY_OP	979	DUMMY_OP	980	DUMMY_OP	981
	975		976		977		978		979		980		981	

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

THERMAL UNIT	SEASON 3		MARCH		SEASON 3		MARCH		SEASON 3		MARCH		
DUMMY_OP	982		983		984		985		986		987		988
	982		983		984		985		986		987		988

YEAR 2011	SEASON 3		MARCH		SEASON 3		MARCH		SEASON 3		MARCH			
SEASONAL HEAT RATE PROFILE	DUMMY_OP	982	DUMMY_OP	983	DUMMY_OP	984	DUMMY_OP	985	DUMMY_OP	986	DUMMY_OP	987	DUMMY_OP	988
	982		983		984		985		986		987		988	
YEAR 2012														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3	MARCH	989	990	991	992	993	994	995
YEAR 2019			DUMMY_OP 989	DUMMY_OP 990	DUMMY_OP 991	DUMMY_OP 992	DUMMY_OP 993	DUMMY_OP 994	DUMMY_OP 995
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
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  
 996 T4\_TROVA 997 998 999  
 996 RB2TR\_KP 997 RB2TR\_TM 998 DUMMY\_OP 999  
 996 997 998 999

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
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

YEAR	SEASON	APRIL	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
2033	4	1	2	3	4	5	6	7	
2034	4	1	2	3	4	5	6	7	
2035	4	1	2	3	4	5	6	7	
2036	4	1	2	3	4	5	6	7	
2037	4	1	2	3	4	5	6	7	
2038	4	1	2	3	4	5	6	7	
2039	4	1	2	3	4	5	6	7	
2040	4	1	2	3	4	5	6	7	
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	

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 4	APRIL -----	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 5	BIG SAND 6	CARD 1+2 7
----- YEAR 2031 -----			1	2	3	4	5	6	7
----- YEAR 2032 -----									
----- YEAR 2033 -----									
----- YEAR 2034 -----									
----- YEAR 2035 -----									
----- YEAR 2036 -----									
----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									

----- THERMAL UNIT -----	SEASON 4	APRIL -----	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 -----									
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----- 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 -----	SEASON 4	APRIL -----	CLIFFY 15	CLINCH R 16	CLINCH R 17	CLINCH R 18	ROCKP_KP 19	ROCKP_KP 20	CSVL 1-4 21
----- YEAR 2011 -----			0	0	0	0	0	0	0
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
----- YEAR 2016 -----									
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----- YEAR 2034 -----									
----- YEAR 2035 -----									
----- YEAR 2036 -----									
----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									

----- THERMAL UNIT -----	SEASON 4	APRIL -----	CLIFFY 15	CLINCH R 16	CLINCH R 17	CLINCH R 18	ROCKP_KP 19	ROCKP_KP 20	CSVL 1-4 21
----- YEAR 2011 -----			0	0	0	0	0	0	0
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
----- YEAR 2016 -----									
----- YEAR 2017 -----									
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----- YEAR 2020 -----									
----- YEAR 2021 -----									
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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.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
SEASONAL HEAT RATE PROFILE	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
SEASONAL HEAT RATE PROFILE	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
SEASONAL HEAT RATE PROFILE	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
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0













APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 4	APRIL	82	83	84	85	86	87	88
			DARBY	DARBY	DARBY	DARBY	DARBY	LMBG WIN	LMBG WIN
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 4	APRIL	82	83	84	85	86	87	88
			DARBY	DARBY	DARBY	DARBY	DARBY	LMBG WIN	LMBG WIN
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									



REP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

YEAR	SEASON	APRIL	89	90	91	92	93	94	101
YEAR 2024	SEASON 4	APRIL	LMBG SWR 1	LMBG SWR 2	WATR CC 1	WATR2 1	DRESDFN 1	DRESID2 1	NUCLEAR 1
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASONAL HEAT RATE PROFILE	YEAR	SEASON	APRIL	102	103	104	105	106	107	108
YEAR 2011	SEASON 4	APRIL	UPC_NCCS 1	PC_UL_SU 1	UPC_RCCS 1	IGC_NCCS 1	IGCC GE 1	IGC_RCCS 1	CC 2X1FB 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										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										

4-Company Best Optimization

YEAR	SEASON	APRIL	CC 2X1FA	CC 1X17H	BS2_CC	CF GE7FA	CF_GE7FA	BS2_RGD	BS1_RGD
YEAR 2038									
YEAR 2039									
YEAR 2040									
THERMAL UNIT									
SEASONAL HEAT RATE PROFILE	SEASON 4	APRIL	109	110	111	114	115	124	125
YEAR 2011			0	0	183	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									

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



----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
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 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT	SEASON	4	APRIL	MIN_90%	RPT1_90%	RPT2_90%	GV1_90%	GV2_90%	MIN_18%	CC_FA_KP
				147	148	149	150	151	153	154
				1	1	2	1	2	1	1
SEASONAL HEAT RATE PROFILE	YEAR 2011			0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2012									
SEASONAL HEAT RATE PROFILE	YEAR 2013									
SEASONAL HEAT RATE PROFILE	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 = GAP.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
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THermal UNIT	147	148	149	150	151	153	154							
MTN_90%	1	1	2	1	2	1	1							
RP1_90%														
RP2_90%														
GV1_90%														
GV2_90%														
MTN_18%														
CC_FA_KP														
CT_OHIO	1	1	1	1	1	1	1							
CC_OH														
CT_I&M	1	1	1	1	1	1	1							
CC_I&M														
CT_APCO	1	1	1	1	1	1	1							
CC_APCO														
CT_KPCO	1	1	1	1	1	1	1							

YEAR	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
CC_KPCO	162	163	164	165	166	168	169					
BS2 FGD	1	1	5	22	23	1	1					
IGCC AP												
PC_UL_AP												

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



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
ICCC OH	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177
PC_UL_OH	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178
NUKE OH	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179
RPID_03	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181
RPID_04	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182
RPID_08	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183
RPID_20	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184

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 4	APRIL	177	178	179	181	182	183	184
		IGCC OH	1	1	1	1	1	1	1
		PC_UL_OH	1						
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 4	APRIL	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							
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
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	224	228	229	230	231	232	233
		MR_STKR2	1	3	2	5	5	1	2
		AMS3_ST							
		BS2_SI							
		MRS_CF							
		MRS_SI							
		RP11_CF							
		RP12_CF							
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									

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 4	APRIL	-----	-----	-----	-----	-----	-----
			234	235	251	252	253	254
			Rpt1_SI	Rpt2_SI	DCI_HPT	DCI_IS	DCI_EFF	DCI_I7
			1	2	1	1	1	1
YEAR 2011			0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								

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

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	APRIL	234	235	251	252	253	254	255
		RPT1_SI	RPT2_SI	DC1_HPT	DC1_IS	DC1_BFF	DC1_I7	DC1_3800	
YEAR 2018		1	2	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									

THERMAL UNIT	SEASON	APRIL	257	258	259	260	269	270	271
		DC2_HPT	DC2_BFF	DC2_SFU	DC2_3800	BIGSD_I5	BIGSD_GP	CAN_Q_HM	
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	272	273	274	275	276	277	278
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
THERMAL UNIT SEASON 4 APRIL									
YEAR 2011			272	273	274	275	276	277	278
SEASONAL HEAT RATE PROFILE			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
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	APRIL	272	273	274	275	276	277	278
YEAR 2030		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 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON	APRIL	279	280	281	282	283	284	285
YEAR 2011		GLN_5_HM_5	GLN_5_15_5	GLN_6_HM_6	GLN_6_15_6	KMR_F_HM_1	KMR_F_GP_1	KMR_F_HM_2	
SEASONAL HEAT RATE PROFILE			0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
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YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
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	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	

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	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.

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	APRIL	SP3_Q_HM	SP3_Q_15	SP4_Q_HM	SP4_Q_15	SP5_HM	SP5_15	TNR_F_HM
YEAR 2023	4	307	308	309	310	311	312	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									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON	APRIL	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	PW_GP_15	RHLL15
YEAR 2011	4	314	315	316	317	318	319	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											

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
	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



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 4	APRIL	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	958 CC_KPCO	959 RP2D_KP	960 RP2D_IM
YEAR 2035			0	0	0	0	958	959	960
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 4	APRIL	961 CSV6_SCR	962 CSV5_SCR	963 DUMMY_OP	964 DUMMY_OP	965 RP1D_O3	966 RP1D_KP	967 BS2_FGD
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 4	APRIL	968 CR2_NGCC	969 CR1_NGCC	970 MRS_NGCC	971 DUMMY_OP	972 DUMMY_OP	973 DUMMY_OP	974 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	-----									
-----	YEAR 2019	-----									
-----	YEAR 2020	-----									
-----	YEAR 2021	-----									
-----	YEAR 2022	-----									
-----	YEAR 2023	-----									
-----	YEAR 2024	-----									
-----	YEAR 2025	-----									
-----	YEAR 2026	-----									
-----	YEAR 2027	-----									
-----	YEAR 2028	-----									
-----	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	-----									
-----	YEAR 2011	-----									
-----	YEAR 2012	-----									
-----	YEAR 2013	-----									
-----	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 = GAR.INPUT.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	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002
SEASON 4	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL	APRIL
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 4	APRIL	989	990	991	992	993	994	995
YEAR 2026			DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
YEAR 2027			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									

THERMAL UNIT	SEASON 4	APRIL	996	997	998	999
YEAR 2011			T4_TRONA	RP2TR_KP	RP2TR_IM	DUMMY_OP
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						
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 2011	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				

4-Company East Optimization

YEAR 2040	SEASON 5	MAY	AMOS 1	AMOS 2	AMOS_OP 3	BECKTORD 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									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
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 5	MAY	8	9	10	11	12	13	14
YEAR 2038									
YEAR 2039									
YEAR 2040									
AMOS	1	2	3	4	5	6	7		
AMOS	1	2	AMOS_OP 3	BECKJORD 6	BIG SAND 1	BIG SAND 2	CARD 1+2 1		

THERMAL UNIT	SEASON 5	MAY	8	9	10	11	12	13	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 5	MAY	15	16	17	18	19	20	21
CLIFFY	15								
CLIFFY	6								
CLINCH R	1								
CLINCH R	2								
CLINCH R	3								
ROCKP_KP	1								
ROCKP_KP	2								
CSVL 1-4	3								

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018
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	HEAT RATE	PROFITE	YEAR	HEAT RATE	PROFITE	YEAR	HEAT RATE	PROFITE
YEAR 2019			YEAR 2019			YEAR 2019		
YEAR 2020			YEAR 2020			YEAR 2020		
YEAR 2021			YEAR 2021			YEAR 2021		
YEAR 2022			YEAR 2022			YEAR 2022		
YEAR 2023			YEAR 2023			YEAR 2023		
YEAR 2024			YEAR 2024			YEAR 2024		
YEAR 2025			YEAR 2025			YEAR 2025		
YEAR 2026			YEAR 2026			YEAR 2026		
YEAR 2027			YEAR 2027			YEAR 2027		
YEAR 2028			YEAR 2028			YEAR 2028		
YEAR 2029			YEAR 2029			YEAR 2029		
YEAR 2030			YEAR 2030			YEAR 2030		
YEAR 2031			YEAR 2031			YEAR 2031		
YEAR 2032			YEAR 2032			YEAR 2032		
YEAR 2033			YEAR 2033			YEAR 2033		
YEAR 2034			YEAR 2034			YEAR 2034		
YEAR 2035			YEAR 2035			YEAR 2035		
YEAR 2036			YEAR 2036			YEAR 2036		
YEAR 2037			YEAR 2037			YEAR 2037		
YEAR 2038			YEAR 2038			YEAR 2038		
YEAR 2039			YEAR 2039			YEAR 2039		
YEAR 2040			YEAR 2040			YEAR 2040		
-----								
SEASONAL HEAT RATE	PROFITE		SEASONAL HEAT RATE	PROFITE		SEASONAL HEAT RATE	PROFITE	
YEAR 2011	0		YEAR 2011	0		YEAR 2011	0	28
YEAR 2012	0		YEAR 2012	0		YEAR 2012	0	0
YEAR 2013	0		YEAR 2013	0		YEAR 2013	0	0
YEAR 2014			YEAR 2014			YEAR 2014		
YEAR 2015			YEAR 2015			YEAR 2015		
YEAR 2016			YEAR 2016			YEAR 2016		

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

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

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 5	MAY	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 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
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	GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 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	SEASON	MAY	KYGER	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL
YEAR	SEASON	MAY	KYGER	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL
YEAR 2031	5		38	39	40	41	42	43	44	
YEAR 2032	5		1	2	3	4	5	1	2	
YEAR 2033	5									
YEAR 2034	5									
YEAR 2035	5									
YEAR 2036	5									
YEAR 2037	5									
YEAR 2038	5									
YEAR 2039	5									
YEAR 2040	5									
YEAR 2011	5									
SEASONAL HEAT RATE PROFILE	5									
YEAR 2012	5		0	0	0	0	0	0	0	0
YEAR 2013	5									
YEAR 2014	5									
YEAR 2015	5									
YEAR 2016	5									
YEAR 2017	5									
YEAR 2018	5									
YEAR 2019	5									
YEAR 2020	5									
YEAR 2021	5									
YEAR 2022	5									
YEAR 2023	5									
YEAR 2024	5									
YEAR 2025	5									
YEAR 2026	5									
YEAR 2027	5									
YEAR 2028	5									

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





4-Company East Optimization

THERMAL UNIT	52	53	54	55	56	57	58
SEASONAL HEAT RATE PROFILE	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRRT_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							

NOTE: DATA 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	MAY										
		59	60	61	62	63	64	65	66	67	68	69
YEAR 2011	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2012	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2013	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2014	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2015	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2016	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2017	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2018	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2019	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2020	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2021	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2022	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2023	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2024	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2025	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2026	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2027	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2028	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2029	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2030	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2031	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2032	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2033	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2034	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2035	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2036	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2037	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2038	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2039	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2040	5	59	60	61	62	63	64	65	66	67	68	69
SEASONAL HEAT RATE PROFILE	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2011	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2012	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2013	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2014	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2015	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2016	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2017	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2018	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2019	5	59	60	61	62	63	64	65	66	67	68	69
YEAR 2020	5	59	60	61	62	63	64	65	66	67	68	69



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 5	MAY	82	83	84	85	86	87	88
			DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1	IMBG WIN 2
YEAR 2019			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									

THERMAL UNIT	SEASON 5	MAY	82	83	84	85	86	87	88
			DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1	IMBG WIN 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	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	SEASON 5	MAY	89	90	91	92	93	94	101
		=====	LBG SMR 1	LBG SMR 2	WATR CC 1	WATR2 1	DRESDEM 1	DRESDE 1	NUCLEAR 1
YEAR 2011	-----	-----	89	90	91	92	93	94	101
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  
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 5	MAY	109	110	111	114	115	124	125
YEAR 2031		IMBG SMR 1	IMBG SMR 2	WATR CC 1	WATR2 1	DRESIDEN 1	DRESID2 1	NUCLEAR 1	
YEAR 2032		89	90	91	92	93	94	101	
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 5	MAY	102	103	104	105	106	107	108
YEAR 2011		UPC_NCCS 1	PC_UL_SU 1	UPC_RCCS 1	IGC_NCCS 1	IGCC_GF 1	IGC_RCCS 1	CC_2X1FB 1	
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									
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	109	110	111	114	115	124	125
YEAR 2011		CC_2X1FA 1	CC_1X1FH 1	BS2_CC 1	CT_GFTFA 1	CT_GFTFA 1	BS2_FGD 2	BS1_FGD 1	
SEASONAL HEAT RATE PROFILE									
YEAR 2011		0	0	183	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	2036	2037	2038	2039	2040	THERMAL UNIT							
SEASONAL HEAT RATE PROFILE	SEASON 5						MAY						
						CC_KPCO	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	IGCC_AP	PC_UL_AP
						162	163	164	165	166	168	169	
YEAR 2011						1	1	5	22	23	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													

NOTE: DATA 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 5	MAY	162	163	164	165	166	168	169
-----	YEAR 2034	-----	CC_KPCO	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	IGCC_AP	PC_UL_AP
-----	YEAR 2035	-----	1	1	5	22	23	1	1
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							

THERMAL UNIT	SEASON 5	MAY	170	171	172	173	174	175	176
-----	YEAR 2011	-----	Nuke_AP	IGCC_IM	PC_UL_IM	NUKE_IM	IGCC_KP	PC_UL_KP	NUKE_KP
-----	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	-----							
-----	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	177	178	179	181	182	183	184
-----	YEAR 2011	-----	IGCC_OH	PC_UL_OH	NUKE_OH	RPID_03	RPID_04	RPID_08	RPID_20
-----	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	-----							
-----	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 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- 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 -----
RP1TR_IM 186          RP2TR_IM 187          RP1TR_KP 188          RP2TR_KP 189          T4_TRONA 190          T4_TROCR 191          MR_STKR1 223
          1          2          1          2          4          4          1
SEASONAL HEAT RATE PROFILE
----- YEAR 2011 -----
----- YEAR 2012 -----

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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.THERMAL UNIT.

THERMAL UNIT	SEASON 5	MAY	RP1TR_IM 186	RP2TR_IM 187	RP1TR_KP 188	RP2TR_KP 189	T4_TRONA 190	T4_TRCCR 191	MR_STKR1 223
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
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									
MR_STKR2 1	AMS3_SI 3	BS2_SI 2	MRS_CF 5	MRS_SI 5	RPT1_CF 1	RPT2_CF 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
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SEASONAL HEAT RATE PROFILE	MR_STKR2 1	AMS3_SI 3	BS2_SI 2	MRS_CF 5	MRS_SI 5	RPT1_CF 1	RPT2_CF 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	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	0
YEAR 2012														
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.

THERMAL UNIT      SEASON 5      MAY

RP1\_SI 234      RP2\_SI 235      DC1\_HPR 251      DC1\_IS 252      DC1\_EFF 253      DC1\_I7 254      DC1\_3800 255

1      2      1      1      1      1      1



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	5	MAY	257	258	259	260	269	270	271
YEAR 2025	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2026	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2027	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2028	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2029	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2030	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2031	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2032	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2033	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2034	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2035	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2036	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2037	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2038	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2039	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1
YEAR 2040	DC1_IS	1	DC1_IS	1	DC1_EFF	1	DC1_I7	1	DC1_3800	1

THERMAL UNIT	SEASON	5	MAY	257	258	259	260	269	270	271
YEAR 2011	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2012	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2013	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2014	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2015	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2016	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2017	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2018	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2019	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2020	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2021	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2022	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2023	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2024	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2025	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2026	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2027	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2028	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2029	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2030	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2031	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2032	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2033	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2034	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2035	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2036	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2037	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1
YEAR 2038	DC2_HFP	2	DC2_EFF	2	DC2_SF0	2	DC2_3800	2	BIGSD_15	1

4-Company East Optimization

YEAR 2039	YEAR 2040	SEASON 5	MAY	CIN_Q_15 272 1	CIN_Q_HM 273 2	CIN_Q_15 274 2	CIN_Q_HM 275 3	CIN_Q_15 276 3	CVL_3_HM 277 3	CVL_3_10 278 3
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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
PROFITLE	PROFITLE	PROFITLE	PROFITLE	PROFITLE	PROFITLE	PROFITLE	PROFITLE	PROFITLE	PROFITLE	PROFITLE
0	0	0	0	0	0	0	0	0	0	0
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2022	YEAR 2023	YEAR 2024	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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 5	MAY	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 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 5	MAY	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 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
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	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 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									

YEAR	HEAT RATE	PROFITE	MSKRI_HM 1	MSKRI_L2 1	MSKR2_HM 2	MSKR2_L2 2	MSKR3_GP 3	MR3HM_L2 3	MSKR4_GP 4
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
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	5	MAY	293	294	295	296	297	298	299
MSKR1_HM	1	MSKR1_12	MSKR2_HM	MSKR2_12	MSKR3_GP	MR3HM_12	MSKR4_GP			

THERMAL UNIT	SEASON	5	MAY	300	301	302	303	304	305	306
M4HM_12	4	PTCOW_HM	PTCOW_GP	SP1_F_HM	SP1_F_15	SP2_F_HM	SP2_F_15			

SEASONAL HEAT RATE PROFILE

YEAR	HEAT RATE	PROF
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	HEAT RATE PROFILE	SEASON 5	MAY	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
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	-----			307	308	309	310	311	312	313
SEASONAL HEAT RATE PROFILE	-----			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	-----									
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	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 2040	SEASON 5	MAY
THERMAL UNIT	SEASON 5	MAY
DUMMY_OP	500	501
DUMMY_IM	0	0
DUMMY_AP	0	0
DUMMY_KP	0	0
CC_KRCC	958	958
RP2D_KP	959	959
RP2D_IM	960	960

YEAR 2011	SEASON 5	MAY
THERMAL UNIT	SEASON 5	MAY
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	967

YEAR 2011	SEASON 5	MAY
SEASONAL HEAT RATE PROFILE	SEASON 5	MAY
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	0	0
YEAR 2020	0	0
YEAR 2021	0	0
YEAR 2022	0	0
YEAR 2023	0	0
YEAR 2024	0	0
YEAR 2025	0	0
YEAR 2026	0	0
YEAR 2027	0	0
YEAR 2028	0	0
YEAR 2029	0	0
YEAR 2030	0	0
YEAR 2031	0	0
YEAR 2032	0	0
YEAR 2033	0	0
YEAR 2034	0	0
YEAR 2035	0	0
YEAR 2036	0	0
YEAR 2037	0	0
YEAR 2038	0	0
YEAR 2039	0	0
YEAR 2040	0	0

YEAR 2011	SEASON 5	MAY
THERMAL UNIT	SEASON 5	MAY
CR2_NGCC	968	969
CRI_NGCC	969	970
MRS_NGCC	970	971
DUMMY_OP	971	972
DUMMY_OP	972	973
DUMMY_OP	973	974
DUMMY_OP	974	974

YEAR 2011	SEASON 5	MAY
SEASONAL HEAT RATE PROFILE	SEASON 5	MAY
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	0	0
YEAR 2020	0	0

YEAR	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																				
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.

THERMAL UNIT	SEASON 5	MAY	975	976	977	978	979	980	981
			DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
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
YEAR 2026			975	976	977	978	979	980	981
YEAR 2027			975	976	977	978	979	980	981
YEAR 2028			975	976	977	978	979	980	981
YEAR 2029			975	976	977	978	979	980	981
YEAR 2030			975	976	977	978	979	980	981
YEAR 2031			975	976	977	978	979	980	981
YEAR 2032			975	976	977	978	979	980	981
YEAR 2033			975	976	977	978	979	980	981
YEAR 2034			975	976	977	978	979	980	981
YEAR 2035			975	976	977	978	979	980	981
YEAR 2036			975	976	977	978	979	980	981
YEAR 2037			975	976	977	978	979	980	981
YEAR 2038			975	976	977	978	979	980	981
YEAR 2039			975	976	977	978	979	980	981
YEAR 2040			975	976	977	978	979	980	981

THERMAL UNIT	SEASON 5	MAY	982	983	984	985	986	987	988
			DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
YEAR 2011			982	983	984	985	986	987	988
YEAR 2012			982	983	984	985	986	987	988
YEAR 2013			982	983	984	985	986	987	988
YEAR 2014			982	983	984	985	986	987	988
YEAR 2015			982	983	984	985	986	987	988
YEAR 2016			982	983	984	985	986	987	988
YEAR 2017			982	983	984	985	986	987	988
YEAR 2018			982	983	984	985	986	987	988
YEAR 2019			982	983	984	985	986	987	988
YEAR 2020			982	983	984	985	986	987	988
YEAR 2021			982	983	984	985	986	987	988
YEAR 2022			982	983	984	985	986	987	988
YEAR 2023			982	983	984	985	986	987	988
YEAR 2024			982	983	984	985	986	987	988
YEAR 2025			982	983	984	985	986	987	988
YEAR 2026			982	983	984	985	986	987	988
YEAR 2027			982	983	984	985	986	987	988
YEAR 2028			982	983	984	985	986	987	988
YEAR 2029			982	983	984	985	986	987	988
YEAR 2030			982	983	984	985	986	987	988
YEAR 2031			982	983	984	985	986	987	988
YEAR 2032			982	983	984	985	986	987	988
YEAR 2033			982	983	984	985	986	987	988
YEAR 2034			982	983	984	985	986	987	988
YEAR 2035			982	983	984	985	986	987	988
YEAR 2036			982	983	984	985	986	987	988
YEAR 2037			982	983	984	985	986	987	988
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

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
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



REP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 5	MAY	989	990	991	992	993	994	995
-----	YEAR 2031	-----	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
-----	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

THERMAL UNIT SEASON 5 MAY

T4\_TRONA 996  
996  
RP2TR\_KP 997  
997  
RP2TR\_IM 998  
998  
DUMMY\_OP 999  
999

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 6 JUNE

AMOS 1  
1  
AMOS 2  
2  
AMOS\_OP 3  
3  
BECKJORD 4  
6  
BIG SAND 5  
1  
BIG SAND 6  
2  
CARD 1+2  
7  
1

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

1359

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 -----  
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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.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	SEASON 6	JUNE	CLIFFY 15	CLINCH R 16	CLINCH R 17	CLINCH R 18	ROCKP_KP 19	ROCKP_KP 20	CSVL 1-4 21
SEASONAL HEAT RATE PROFILE	6	15	6	1	2	3	1	2	3

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.

THEMAL UNIT	SEASON	6	JUNE
CSVL 1-4	22	4	23
CSVL 5+6	23	5	24
D C COOK 1	25	1	26
D C COOK 2	26	2	27
GAVIN 1	27	1	28
GAVIN 2	28	2	19



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 6	JUNE	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
YEAR 2022			22	23	24	25	26	27	28
YEAR 2023			4	5	6	1	2	1	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									

THERMAL UNIT	SEASON 6	JUNE	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA
YEAR 2011			29	30	33	34	35	36	37
YEAR 2012			5	6	1	2	3	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									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
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								
YEAR 2034								
YEAR 2035								

YEAR	SEASON	JUNE	THERMAL UNIT												
YEAR 2036	6	=====	KYGER		KYGER		KYGER		KYGER		MITCHELL		MITCHELL		
YEAR 2037		38	1	39	2	40	3	41	4	42	5	43	1	44	2
YEAR 2038		0	0	0	0	0	0	0	0	0	0	0	0	0	0
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															

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 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	
YEAR 2034																			
YEAR 2035																			
YEAR 2036																			
YEAR 2037																			
YEAR 2038																			
YEAR 2039																			
YEAR 2040																			

THERMAL UNIT	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	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 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	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 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	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 -----

-----	YEAR 2011	-----	SEASON 6	JUNE	-----
-----	0	-----	59	-----	59
-----	0	-----	ROCKP_IM	-----	61
-----	0	-----	2	-----	62
-----	0	-----	STUART	-----	63
-----	0	-----	1	-----	64
-----	0	-----	STUART	-----	65
-----	0	-----	2	-----	AMOS_AP
-----	0	-----	3	-----	3
-----	0	-----	STUART	-----	66
-----	0	-----	4	-----	TANN 1-3
-----	0	-----	3	-----	1
-----	0	-----	AMOS_AP	-----	66
-----	0	-----	3	-----	TANN 1-3
-----	0	-----	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.

THEMAL UNIT	SEASON	JUNE	75	76	77	78	79	80	81
YEAR 2024			CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THEMAL UNIT	SEASON	JUNE	82	83	84	85	86	87	88
YEAR 2011			DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1	IMBG WIN 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									

SEASONAL HEAT RATE PROFILE





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE
YEAR 2036																
YEAR 2037																
YEAR 2038																
YEAR 2039																
YEAR 2040																

THERMAL UNIT	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	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 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE
YEAR 2011																
YEAR 2012																
YEAR 2013																
YEAR 2014																
YEAR 2015																
YEAR 2016																

THERMAL UNIT	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE
YEAR 2011																
YEAR 2012																
YEAR 2013																
YEAR 2014																
YEAR 2015																
YEAR 2016																

THERMAL UNIT	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE
YEAR 2011																
YEAR 2012																
YEAR 2013																
YEAR 2014																
YEAR 2015																
YEAR 2016																

THERMAL UNIT	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE
YEAR 2011																
YEAR 2012																
YEAR 2013																
YEAR 2014																
YEAR 2015																
YEAR 2016																

THERMAL UNIT	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE
YEAR 2011																
YEAR 2012																
YEAR 2013																
YEAR 2014																
YEAR 2015																
YEAR 2016																

THERMAL UNIT	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE
YEAR 2011																
YEAR 2012																
YEAR 2013																
YEAR 2014																
YEAR 2015																
YEAR 2016																

THERMAL UNIT	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE
YEAR 2011																
YEAR 2012																
YEAR 2013																
YEAR 2014																
YEAR 2015																
YEAR 2016																





YEAR	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
YEAR 2011	147	148	149	150	151	153	154					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012	147	148	149	150	151	153	154					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2013	147	148	149	150	151	153	154					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2014	147	148	149	150	151	153	154					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2015	147	148	149	150	151	153	154					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2016	147	148	149	150	151	153	154					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2017	147	148	149	150	151	153	154					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2018	147	148	149	150	151	153	154					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2019	147	148	149	150	151	153	154					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2020	147	148	149	150	151	153	154					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2021	147	148	149	150	151	153	154					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2022	147	148	149	150	151	153	154					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2023	147	148	149	150	151	153	154					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2024	147	148	149	150	151	153	154					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2025	147	148	149	150	151	153	154					

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	6	JUNE	147	148	149	150	151	153	154
			MTN_90%	RPT1_90%	RPT2_90%	GVI_90%	GV2_90%	MTN_18%	CC_PA	KP
YEAR 2026			1	1	2	1	2	1	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	6	JUNE	155	156	157	158	159	160	161
			CT_OHTO	CC_OH	CT_I&M	CC_I&M	CT_APCO	CC_APCO	CT_KP	KP
YEAR 2011			1	1	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										
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	2038	2039	2040
THermal UNIT	SEASON 6	JUNE	SEASON 6
CC_KPCO	162	163	164
BS2_FGD	1	1	5
BS2_FGD			22
BS2_FGD			23
IGCC_AP			1
PC_UL_AP			1

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	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE
NUKE_AP	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199
IGCC_IM	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
PC_UL_IM	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
NUKE_IM	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
IGCC_KP	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
PC_UL_KP	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
NUKE_KP	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

YEAR	2011	2012	2013	2014	2015	2016	2017	2018
THermal UNIT	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE
IGCC_OH	177	178	179	180	181	182	183	184
PC_UL_OH	1	1	1	1	1	1	1	1
NUKE_OH	1	1	1	1	1	1	1	1
RP1D_03	1	1	1	1	1	1	1	1
RP1D_04	1	1	1	1	1	1	1	1
RP1D_08	1	1	1	1	1	1	1	1
RP1D_20	1	1	1	1	1	1	1	1





AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

-----	YEAR 2017	-----	SEASON 6	-----	JUNE	-----
-----	YEAR 2018	-----		-----		-----
-----	YEAR 2019	-----		-----		-----
-----	YEAR 2020	-----		-----		-----
-----	YEAR 2021	-----		-----		-----
-----	YEAR 2022	-----		-----		-----
-----	YEAR 2023	-----		-----		-----
-----	YEAR 2024	-----		-----		-----
-----	YEAR 2025	-----		-----		-----
-----	YEAR 2026	-----		-----		-----
-----	YEAR 2027	-----		-----		-----
-----	YEAR 2028	-----		-----		-----
-----	YEAR 2029	-----		-----		-----
-----	YEAR 2030	-----		-----		-----
-----	YEAR 2031	-----		-----		-----
-----	YEAR 2032	-----		-----		-----
-----	YEAR 2033	-----		-----		-----
-----	YEAR 2034	-----		-----		-----
-----	YEAR 2035	-----		-----		-----
-----	YEAR 2036	-----		-----		-----
-----	YEAR 2037	-----		-----		-----
-----	YEAR 2038	-----		-----		-----
-----	YEAR 2039	-----		-----		-----
-----	YEAR 2040	-----		-----		-----

-----	RP1TR_1M	186	RP2TR_1M	187	RP1TR_KP	188	RP2TR_KP	189	T4_TROWA	190	T4_TROCR	191	MR_STKR1	223
-----	1		2		1		2		4		4		1	

-----	MR_STKR2	224	AMS3_ST3	228	BS2_ST2	229	MRS_CF5	230	MRS_ST5	231	RPPL_CF1	232	RP12_CF2	233
-----	1		3		2		5		5		1		2	

----- YEAR 2011 ----- SEASON 6 ----- JUNE -----  
 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	SEASON	JUNE	RP11_SI	RP12_SI	DC1_HFP	DC1_IS	DC1_BFF	DC1_I17	DC1_3800
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			234	235	251	252	253	254	255
YEAR 2011			RP11_SI 1	RP12_SI 2	DC1_HFP 1	DC1_IS 1	DC1_BFF 1	DC1_I17 1	DC1_3800 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									

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



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
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

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	SEASON 6		JUNE		SEASON 6		JUNE	
	279	280	281	282	286	287	288	289
YEAR 2011	279	280	281	282	286	287	288	289
SEASONAL HEAT RATE PROFILE	5	5	6	6	2	3	3	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								
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	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE
	286	287	288	289	290	291	292	
YEAR 2011	286	287	288	289	290	291	292	
SEASONAL HEAT RATE PROFILE	2	3	3	1	1	2	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 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

SEASONAL HEAT RATE PROFILE	SEASON 6	JUNE	MSKR1_HM 293 1	MSKR1_I2 294 1	MSKR2_HM 295 2	MSKR2_I2 296 2	MSKR3_GP 297 3	MR3HM_I2 298 3	MSKR4_GP 299 4
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 = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	6	JUNE	300	301	302	303	304	305	306
				M4HM_12_4	PICWY_HM_5	PICWY_GP_5	SP1_F_HM_1	SP1_F_1S_1	SP2_F_HM_2	SP2_F_1S_2
YEAR 2023				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										

THERMAL UNIT	SEASON	6	JUNE	300	301	302	303	304	305	306
				M4HM_12_4	PICWY_HM_5	PICWY_GP_5	SP1_F_HM_1	SP1_F_1S_1	SP2_F_HM_2	SP2_F_1S_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										





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	6	JUNE	307	308	309	310	311	312	313
			SP3_Q_HM	SP3_Q_15	SP4_Q_HM	SP4_Q_15	SP5_HM	SP5_15	TNR_F_HM	
			3	3	4	4	5	5	1	
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON	6	JUNE	314	315	316	317	318	319	320
			TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_15	PW_GP_15	RH11s
			1	2	2	3	3	3	5	1
YEAR 2011										
SEASONAL HEAT RATE PROFILE			0	0	0	0	0	0	0	0
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON	6	JUNE	500	501	502	503	958	959	960
			DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KPCO	RE2D_KP	RE2D_IM	
			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	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

SEASON	6	JUNE
CSV6_SCR	961	961
CSVS_SCR	962	962
DUMMY_OP	963	963
DUMMY_OP	964	964
RPID_03	965	965
RPID_KP	966	966
BSS2_FBD	967	967

NOTE: DATA 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	961	962	963	964	965	966	967
	CSV6_NGCC	CSV5_SCR	DUMMY_OP	DUMMY_OP	RPID_03	RPID_KP	BS2_FGD		
	968	969	970	971	972	973	974		
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	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.

THERMAL UNIT	SEASON	JUNE						
		975	976	977	978	979	980	981
YEAR 2026		DUMMY_OP 975	DUMMY_OP 976	DUMMY_OP 977	DUMMY_OP 978	DUMMY_OP 979	DUMMY_OP 980	DUMMY_OP 981
YEAR 2027								
YEAR 2028								
YEAR 2029								
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						
		982	983	984	985	986	987	988
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								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
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	SEASON 6	JUNE	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	DUMMY OP	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									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
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 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE
YEAR 2038	989	990	991	992	993	994	995			
YEAR 2039	DUMMY_OP 989	DUMMY_OP 990	DUMMY_OP 991	DUMMY_OP 992	DUMMY_OP 993	DUMMY_OP 994	DUMMY_OP 995			
YEAR 2040										

THERMAL UNIT	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE	SEASON 6	JUNE
YEAR 2011	996	997	998	999						
YEAR 2012	F4_TROXA 996	RP2TR_KD 997	RP2TR_IM 998	DUMMY_OP 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										
YEAR 2029										
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	SEASON 7	JULY	SEASON 7	JULY	SEASON 7	JULY	SEASON 7	JULY
YEAR 2011	1	1	2	3	4	5	6	7		
YEAR 2012	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 6	BIG SAND 1	BIG SAND 2	CARD 1+2 1			
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										

YEAR	HEAT RATE	PROFIT
YEAR 2019		
YEAR 2020		
YEAR 2021		
YEAR 2022		
YEAR 2023		
YEAR 2024		
YEAR 2025		
YEAR 2026		
YEAR 2027		
YEAR 2028		
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	JULY
SEASON 7	
SEASON 8	
SEASON 9	
SEASON 10	
SEASON 11	
SEASON 12	
SEASON 13	
SEASON 14	

CARD 1+2	CARD 3	CLIFFY 1	CLIFFY 2	CLIFFY 3	CLIFFY 4	CLIFFY 5
2	3	1	2	3	4	5
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.

=====	SEASON 7	JULY	=====
CLIFFY 8	CARD 3 9	CLIFFY 10	CLIFFY 11
CARD 1+2 2	CLIFFY 1	CLIFFY 2	CLIFFY 3
			CLIFFY 4
			CLIFFY 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 -----

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 THERMAL UNIT SEASON 7 JULY -----  
 -----

=====	CLIFFY 15	CLINCH R 16	CLINCH R 17	CLINCH R 18	ROCKP_KP 19	ROCKP_KP 20	CSVL 1-4 21
SEASONAL HEAR 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							

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 THERMAL UNIT SEASON 7 JULY -----  
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YEAR	SEASON	JULY	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
			22	23	24	25	26	27	28
			4	5	6	1	2	1	2
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	19
SEASONAL HEAT RATE PROFILE	YEAR 2012		0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	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								

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	JULY	CSVL 1-4	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
YEAR 2029	7	22	23	24	25	26	27	28
YEAR 2030	7	22	23	24	25	26	27	28
YEAR 2031	7	22	23	24	25	26	27	28
YEAR 2032	7	22	23	24	25	26	27	28
YEAR 2033	7	22	23	24	25	26	27	28
YEAR 2034	7	22	23	24	25	26	27	28
YEAR 2035	7	22	23	24	25	26	27	28
YEAR 2036	7	22	23	24	25	26	27	28
YEAR 2037	7	22	23	24	25	26	27	28
YEAR 2038	7	22	23	24	25	26	27	28
YEAR 2039	7	22	23	24	25	26	27	28
YEAR 2040	7	22	23	24	25	26	27	28

YEAR	SEASON	JULY	GLN LYN	GLN LYN	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA
YEAR 2011	7	29	30	33	34	35	36	37	
YEAR 2012	7	29	30	33	34	35	36	37	
YEAR 2013	7	29	30	33	34	35	36	37	
YEAR 2014	7	29	30	33	34	35	36	37	
YEAR 2015	7	29	30	33	34	35	36	37	
YEAR 2016	7	29	30	33	34	35	36	37	
YEAR 2017	7	29	30	33	34	35	36	37	
YEAR 2018	7	29	30	33	34	35	36	37	
YEAR 2019	7	29	30	33	34	35	36	37	
YEAR 2020	7	29	30	33	34	35	36	37	
YEAR 2021	7	29	30	33	34	35	36	37	
YEAR 2022	7	29	30	33	34	35	36	37	
YEAR 2023	7	29	30	33	34	35	36	37	
YEAR 2024	7	29	30	33	34	35	36	37	
YEAR 2025	7	29	30	33	34	35	36	37	
YEAR 2026	7	29	30	33	34	35	36	37	
YEAR 2027	7	29	30	33	34	35	36	37	
YEAR 2028	7	29	30	33	34	35	36	37	
YEAR 2029	7	29	30	33	34	35	36	37	
YEAR 2030	7	29	30	33	34	35	36	37	
YEAR 2031	7	29	30	33	34	35	36	37	
YEAR 2032	7	29	30	33	34	35	36	37	
YEAR 2033	7	29	30	33	34	35	36	37	
YEAR 2034	7	29	30	33	34	35	36	37	
YEAR 2035	7	29	30	33	34	35	36	37	
YEAR 2036	7	29	30	33	34	35	36	37	
YEAR 2037	7	29	30	33	34	35	36	37	
YEAR 2038	7	29	30	33	34	35	36	37	
YEAR 2039	7	29	30	33	34	35	36	37	
YEAR 2040	7	29	30	33	34	35	36	37	

YEAR	SEASON	JULY	CSVL 1-4	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
YEAR 2011	7	29	30	33	34	35	36	37
YEAR 2012	7	29	30	33	34	35	36	37
YEAR 2013	7	29	30	33	34	35	36	37
YEAR 2014	7	29	30	33	34	35	36	37
YEAR 2015	7	29	30	33	34	35	36	37
YEAR 2016	7	29	30	33	34	35	36	37
YEAR 2017	7	29	30	33	34	35	36	37
YEAR 2018	7	29	30	33	34	35	36	37
YEAR 2019	7	29	30	33	34	35	36	37
YEAR 2020	7	29	30	33	34	35	36	37
YEAR 2021	7	29	30	33	34	35	36	37
YEAR 2022	7	29	30	33	34	35	36	37
YEAR 2023	7	29	30	33	34	35	36	37
YEAR 2024	7	29	30	33	34	35	36	37
YEAR 2025	7	29	30	33	34	35	36	37
YEAR 2026	7	29	30	33	34	35	36	37
YEAR 2027	7	29	30	33	34	35	36	37
YEAR 2028	7	29	30	33	34	35	36	37
YEAR 2029	7	29	30	33	34	35	36	37
YEAR 2030	7	29	30	33	34	35	36	37
YEAR 2031	7	29	30	33	34	35	36	37
YEAR 2032	7	29	30	33	34	35	36	37
YEAR 2033	7	29	30	33	34	35	36	37
YEAR 2034	7	29	30	33	34	35	36	37
YEAR 2035	7	29	30	33	34	35	36	37
YEAR 2036	7	29	30	33	34	35	36	37
YEAR 2037	7	29	30	33	34	35	36	37
YEAR 2038	7	29	30	33	34	35	36	37
YEAR 2039	7	29	30	33	34	35	36	37
YEAR 2040	7	29	30	33	34	35	36	37

YEAR	SEASON	JULY	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL
YEAR 2011	7	38	39	40	41	42	43	44	
YEAR 2012	7	38	39	40	41	42	43	44	
YEAR 2013	7	38	39	40	41	42	43	44	
YEAR 2014	7	38	39	40	41	42	43	44	
YEAR 2015	7	38	39	40	41	42	43	44	
YEAR 2016	7	38	39	40	41	42	43	44	
YEAR 2017	7	38	39	40	41	42	43	44	
YEAR 2018	7	38	39	40	41	42	43	44	
YEAR 2019	7	38	39	40	41	42	43	44	
YEAR 2020	7	38	39	40	41	42	43	44	
YEAR 2021	7	38	39	40	41	42	43	44	
YEAR 2022	7	38	39	40	41	42	43	44	
YEAR 2023	7	38	39	40	41	42	43	44	
YEAR 2024	7	38	39	40	41	42	43	44	
YEAR 2025	7	38	39	40	41	42	43	44	
YEAR 2026	7	38	39	40	41	42	43	44	
YEAR 2027	7	38	39	40	41	42	43	44	
YEAR 2028	7	38	39	40	41	42	43	44	
YEAR 2029	7	38	39	40	41	42	43	44	
YEAR 2030	7	38	39	40	41	42	43	44	
YEAR 2031	7	38	39	40	41	42	43	44	
YEAR 2032	7	38	39	40	41	42	43	44	
YEAR 2033	7	38	39	40	41	42	43	44	
YEAR 2034	7	38	39	40	41	42	43	44	
YEAR 2035	7	38	39	40	41	42	43	44	
YEAR 2036	7	38	39	40	41	42	43	44	
YEAR 2037	7	38	39	40	41	42	43	44	
YEAR 2038	7	38	39	40	41	42	43	44	
YEAR 2039	7	38	39	40	41	42	43	44	
YEAR 2040	7	38	39	40	41	42	43	44	

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	

NOTE: DATA 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								
	45 MOUNT_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	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1
SEASONAL HEAT RATE PROFILE	45	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011	45	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
YEAR 2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	150	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2013	150	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
YEAR 2014	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
YEAR 2015	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
YEAR 2016	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
YEAR 2017	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
YEAR 2018	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
YEAR 2019	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
YEAR 2020	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
YEAR 2021	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
YEAR 2022	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
YEAR 2023	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
YEAR 2024	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
YEAR 2025	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
YEAR 2026	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
YEAR 2027	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
YEAR 2028	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
YEAR 2029	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
YEAR 2030	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
YEAR 2031	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
YEAR 2032	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
YEAR 2033	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
YEAR 2034	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
YEAR 2035	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
YEAR 2036	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
YEAR 2037	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
YEAR 2038	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
YEAR 2039	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
YEAR 2040	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	JULY	ROCKP_IM	STUART	STUART	STUART	STUART	STUART	AMOS_AP	TANN
YEAR 2021	7	59	61	62	63	64	65	66		
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
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	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE
YEAR 2011	7	67	68	69	70	71	72	73	
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									

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
	0	0	0	0	0	0	0	162	162	162														

YEAR	2035	2036	2037	2038	2039	2040	THERMAL UNIT					
SEASON	7	7	7	7	7	7	JULY					
HEAT RATE PROFILE	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												

NOTE: DATA 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
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

THERMAL UNIT	SEASON 7	JULY	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
	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 7	JULY	SEASON 7	JULY
IMBG SMR	89	90	91	92
WATR CC	1	1	1	1
DRESSDEN	1	1	1	1
DRESSD2	1	1	1	1
NUCLEAR	1	1	1	1

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013
	0	0	0



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	JULY	109	110	111	114	115	124	125
			CC 2X1FA	CC 1X17H	BS2_CC	CT GETFA	CT_GETFA	BS2_FGD	BS1_FGD
YEAR 2012	7	102	1	0	182	0	0	0	0
YEAR 2013	7	102	1	0	182	0	0	0	0
YEAR 2014	7	102	1	0	182	0	0	0	0
YEAR 2015	7	102	1	0	182	0	0	0	0
YEAR 2016	7	102	1	0	182	0	0	0	0
YEAR 2017	7	102	1	0	182	0	0	0	0
YEAR 2018	7	102	1	0	182	0	0	0	0
YEAR 2019	7	102	1	0	182	0	0	0	0
YEAR 2020	7	102	1	0	182	0	0	0	0
YEAR 2021	7	102	1	0	182	0	0	0	0
YEAR 2022	7	102	1	0	182	0	0	0	0
YEAR 2023	7	102	1	0	182	0	0	0	0
YEAR 2024	7	102	1	0	182	0	0	0	0
YEAR 2025	7	102	1	0	182	0	0	0	0
YEAR 2026	7	102	1	0	182	0	0	0	0
YEAR 2027	7	102	1	0	182	0	0	0	0
YEAR 2028	7	102	1	0	182	0	0	0	0
YEAR 2029	7	102	1	0	182	0	0	0	0
YEAR 2030	7	102	1	0	182	0	0	0	0
YEAR 2031	7	102	1	0	182	0	0	0	0
YEAR 2032	7	102	1	0	182	0	0	0	0
YEAR 2033	7	102	1	0	182	0	0	0	0
YEAR 2034	7	102	1	0	182	0	0	0	0
YEAR 2035	7	102	1	0	182	0	0	0	0
YEAR 2036	7	102	1	0	182	0	0	0	0
YEAR 2037	7	102	1	0	182	0	0	0	0
YEAR 2038	7	102	1	0	182	0	0	0	0
YEAR 2039	7	102	1	0	182	0	0	0	0
YEAR 2040	7	102	1	0	182	0	0	0	0

YEAR	HEAT RATE	PROFITE	CSV5_SCR	CSV6_SCR	CR1_NGCC	CR2_NGCC	MRS_NGCC	MRS_FGD	RPID_IM
YEAR 2026									
YEAR 2027									
YEAR 2028									
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	CSV5_SCR	CSV6_SCR	CR1_NGCC	CR2_NGCC	MRS_NGCC	MRS_FGD	RPID_IM	
YEAR 2011		126	127	129	130	131	132	133	
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.



YEAR	SEASON	JULY	147	148	149	150	151	153	154
SEASONAL HEAT RATE PROFILE	SEASON	JULY	MRV_90%	RPT1_90%	RPT2_90%	GV1_90%	GV2_90%	MRV_18%	CC_FAKP
YEAR 2038	7		1	1	2	1	2	1	1
YEAR 2039	7								
YEAR 2040	7								
SEASONAL HEAT RATE PROFILE	7								
YEAR 2011	7		0	0	0	0	0	0	0
YEAR 2012	7								
YEAR 2013	7								
SEASONAL HEAT RATE PROFILE	7								
YEAR 2014	7		150	0	0	0	0	150	0
YEAR 2015	7		0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	7								
YEAR 2016	7								
YEAR 2017	7								
YEAR 2018	7								
YEAR 2019	7								
YEAR 2020	7								
YEAR 2021	7								
YEAR 2022	7								
YEAR 2023	7								
YEAR 2024	7								
YEAR 2025	7								
YEAR 2026	7								
YEAR 2027	7								
YEAR 2028	7								
YEAR 2029	7								
YEAR 2030	7								
YEAR 2031	7								
YEAR 2032	7								
YEAR 2033	7								
YEAR 2034	7								

NOTE: DATA 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	147	148	149	150	151	153	154
MTN_908	1	1	2	1	1	2	1	1	1
RPT1_908	1	1	2	1	1	2	1	1	1
RPT2_908	1	1	2	1	1	2	1	1	1
GV1_908	1	1	2	1	1	2	1	1	1
GV2_908	1	1	2	1	1	2	1	1	1
MTN_188	1	1	2	1	1	2	1	1	1
CC_RA_KP	1	1	2	1	1	2	1	1	1

THERMAL UNIT	SEASON 7	JULY	155	156	157	158	159	160	161
CT_OHIO	1	1	1	1	1	1	1	1	1
CC_OH	1	1	1	1	1	1	1	1	1
CT_IEM	1	1	1	1	1	1	1	1	1
CC_IEM	1	1	1	1	1	1	1	1	1
CT_ARCO	1	1	1	1	1	1	1	1	1
CC_ARCO	1	1	1	1	1	1	1	1	1
CT_KPCO	1	1	1	1	1	1	1	1	1

THERMAL UNIT	SEASON 7	JULY	162	163	164	165	166	168	169
CC_KPCO	1	1	1	1	5	22	23	1	1
BS2_FGD	1	1	1	1	5	22	23	1	1
IGCC_AP	1	1	1	1	5	22	23	1	1
PC_UL_AP	1	1	1	1	5	22	23	1	1

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015
SEASONAL HEAT RATE PROFILE	0	0	0	0	0







YEAR	HEAT RATE	PROFITE	RP1TR_IM	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_TROVA	T4_TRCCR	MR_STKRI
YEAR 2028									
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								
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		0							0
YEAR 2020		0							0
YEAR 2021		0							0
YEAR 2022		0							0
YEAR 2023		0							0
YEAR 2024		0							0
YEAR 2025		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 2026	-----	YEAR 2027	-----	YEAR 2028	-----	YEAR 2029	-----	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																									
-----	RP1TR_1M	186	RP2TR_1M	187	RP1TR_KP	188	RP2TR_KP	189	T4_TROWA	190	T4_TRCCR	191	MR_STKR1	223															
-----	1		2		1		2		4		4		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		
SEASONAL HEAT RATE PROFILE		MR_STKR2	224	AMG3_SI	228	BS2_ST	229	MRS_CF	230	MRS_SI	231	RPT1_CF	232	RPT2_CF	233																																												
-----	0		1		3		2		5		5		1		2																																												

4-Company East Optimization

YEAR 2040	SEASON 7	JULY	RPT1_SI 234	RPT2_SI 235	DC1_HPR 251	DC1_IS 252	DC1_EFP 253	DC1_I7 254	DC1_3800 255
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									

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 7	JULY	234	235	251	252	253	254	255
			RPT1_SI 1	RPT2_SI 2	DC1_HPT 1	DC1_IS 1	DC1_EFF 1	DC1_I7 1	DC1_3800 1
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 7	JULY	257	258	259	260	269	270	271
			DC2_HPT 2	DC2_EFF 2	DC2_SFO 2	DC2_3800 2	BIGSD_IS 1	BIGSD_GP 1	CLN_Q_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 2028									
YEAR 2029									
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
			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 2011			0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									

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

YEAR	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																						
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.

YEAR	SEASON	JULY	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	KMR_F_GP
YEAR 2017	7	279	280	281	282	283	284	285				
YEAR 2018		5	5	6	6	1	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												

SEASON 7 JULY  
 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

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	HEAT RATE PROFILE	MSKRI_HM_1	MSKRI_I2_1	MSKR2_HM_2	MSKR2_I2_2	MSKR3_GP_3	MR3HM_I2_3	MSKR4_GP_4
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	293	294	295	296	297	298
SEASONAL HEAT RATE PROFILE			MSKRI_HM_1	MSKRI_I2_1	MSKR2_HM_2	MSKR2_I2_2	MSKR3_GP_3	MR3HM_I2_3
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								
YEAR 2026								
YEAR 2027								
YEAR 2028								

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





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
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

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 HEAV RATE PROFILE	THERMAL UNIT						
	SEASON 7 JULY						
	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 ESS2_FSD 967
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 = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 7													
		JULY													
YEAR	UNIT	961	962	963	964	965	966	967	968	969	970	971	972	973	974
		CSV6_SCR	CSV5_SCR	DUMMY_OP	DUMMY_OP	RPID_03	RPID_KP	B82_FGD	CR2_NGCC	CRI_NGCC	MRS_NGCC	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
YEAR 2023															
YEAR 2024															
YEAR 2025															
YEAR 2026															
YEAR 2027															
YEAR 2028															
YEAR 2029															
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	UNIT	968	969	970	971	972	973	974	968	969	970	971	972	973	974
		CR2_NGCC	CRI_NGCC	MRS_NGCC	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	CR2_NGCC	CRI_NGCC	MRS_NGCC	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															
YEAR 2023															
YEAR 2024															
YEAR 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	JULY	975	976	977	978	979	980	981
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
THERMAL UNIT									
SEASONAL HEAT RATE PROFILE	SEASON 7	JULY	DUMMY_OP 975	DUMMY_OP 976	DUMMY_OP 977	DUMMY_OP 978	DUMMY_OP 979	DUMMY_OP 980	DUMMY_OP 981
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									

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 7	JULY	982	983	984	985	986	987	988
YEAR 2035			975	976	977	978	979	980	981
YEAR 2036			975	976	977	978	979	980	981
YEAR 2037			975	976	977	978	979	980	981
YEAR 2038			975	976	977	978	979	980	981
YEAR 2039			975	976	977	978	979	980	981
YEAR 2040			975	976	977	978	979	980	981

THERMAL UNIT	SEASON 7	JULY	982	983	984	985	986	987	988
YEAR 2011			982	983	984	985	986	987	988
YEAR 2012			982	983	984	985	986	987	988
YEAR 2013			982	983	984	985	986	987	988
YEAR 2014			982	983	984	985	986	987	988
YEAR 2015			982	983	984	985	986	987	988
YEAR 2016			982	983	984	985	986	987	988
YEAR 2017			982	983	984	985	986	987	988
YEAR 2018			982	983	984	985	986	987	988
YEAR 2019			982	983	984	985	986	987	988
YEAR 2020			982	983	984	985	986	987	988
YEAR 2021			982	983	984	985	986	987	988
YEAR 2022			982	983	984	985	986	987	988
YEAR 2023			982	983	984	985	986	987	988
YEAR 2024			982	983	984	985	986	987	988
YEAR 2025			982	983	984	985	986	987	988
YEAR 2026			982	983	984	985	986	987	988
YEAR 2027			982	983	984	985	986	987	988
YEAR 2028			982	983	984	985	986	987	988
YEAR 2029			982	983	984	985	986	987	988
YEAR 2030			982	983	984	985	986	987	988
YEAR 2031			982	983	984	985	986	987	988
YEAR 2032			982	983	984	985	986	987	988
YEAR 2033			982	983	984	985	986	987	988
YEAR 2034			982	983	984	985	986	987	988
YEAR 2035			982	983	984	985	986	987	988
YEAR 2036			982	983	984	985	986	987	988
YEAR 2037			982	983	984	985	986	987	988
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

THERMAL UNIT	SEASON 7	JULY	989	990	991	992	993	994	995
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 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- 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 7
THERMAL UNIT
=====

```

JULY

```

=====
T4_TRONA 996
996
RP2TR_KP 997
997
RP2TR_IM 998
998
DUMMY_OP 999
999
=====

```

```

0 0 0 0

```

```

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

```

```

----- 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 = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 7	JULY	SEASON 8	AUGUST
		996	997	998
	T4_TRONA	996	997	998
		996	997	998
				999
				DUMMY_OP
				999

----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- 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	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
		1	1	2	3	4	5	6	7
		1	1	2	3	6	1	2	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 -----

SEASONAL HEAT RATE PROFILE

YEAR	SEASON	MONTH	CARD 1+2	CARD 3	CLIPTY 1	CLIPTY 2	CLIPTY 3	CLIPTY 4	CLIPTY 5
YEAR 2028	8	AUGUST	0	0	0	0	0	0	0
YEAR 2029	8	AUGUST	0	0	0	0	0	0	0
YEAR 2030	8	AUGUST	0	0	0	0	0	0	0
YEAR 2031	8	AUGUST	0	0	0	0	0	0	0
YEAR 2032	8	AUGUST	0	0	0	0	0	0	0
YEAR 2033	8	AUGUST	0	0	0	0	0	0	0
YEAR 2034	8	AUGUST	0	0	0	0	0	0	0
YEAR 2035	8	AUGUST	0	0	0	0	0	0	0
YEAR 2036	8	AUGUST	0	0	0	0	0	0	0
YEAR 2037	8	AUGUST	0	0	0	0	0	0	0
YEAR 2038	8	AUGUST	0	0	0	0	0	0	0
YEAR 2039	8	AUGUST	0	0	0	0	0	0	0
YEAR 2040	8	AUGUST	0	0	0	0	0	0	0
YEAR 2011	8	AUGUST	0	0	0	0	0	0	0
YEAR 2012	8	AUGUST	0	0	0	0	0	0	0
YEAR 2013	8	AUGUST	0	0	0	0	0	0	0
YEAR 2014	8	AUGUST	0	0	0	0	0	0	0
YEAR 2015	8	AUGUST	0	0	0	0	0	0	0
YEAR 2016	8	AUGUST	0	0	0	0	0	0	0
YEAR 2017	8	AUGUST	0	0	0	0	0	0	0
YEAR 2018	8	AUGUST	0	0	0	0	0	0	0
YEAR 2019	8	AUGUST	0	0	0	0	0	0	0
YEAR 2020	8	AUGUST	0	0	0	0	0	0	0
YEAR 2021	8	AUGUST	0	0	0	0	0	0	0
YEAR 2022	8	AUGUST	0	0	0	0	0	0	0
YEAR 2023	8	AUGUST	0	0	0	0	0	0	0
YEAR 2024	8	AUGUST	0	0	0	0	0	0	0
YEAR 2025	8	AUGUST	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 8 AUGUST -----  
 CARD 1+2 8 CARD 3 9 CLIFTY 10 CLIFTY 11 CLIFTY 12 CLIFTY 13 CLIFTY 14  
 2 2 3 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 -----

----- THERMAL UNIT ----- SEASON 8 AUGUST -----  
 CLIFTY 15 CLINCH R 16 CLINCH R 17 CLINCH R 18 ROCKP\_KP 19 ROCKP\_KP 20 CSVL 1-4 21  
 SEASONAL HEAT RATE PROFILE 6 1 2 3 1 2 3 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 -----

4-Company East Optimization

YEAR 2040	SEASON 8 AUGUST							
HEAT RATE PROFILE	22	23	24	25	26	27	28	
HEAT RATE PROFILE	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK 1	D C COOK 2	GAVIN 1	GAVIN 2	
YEAR 2011	0	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.





AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	8	AUGUST	52	53	54	55	56	57	58
				P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRRT_IM	RPRUN_IM
				2	3	4	5	5	1	1
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 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON	8	AUGUST	52	53	54	55	56	57	58
				P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRRT_IM	RPRUN_IM
				2	3	4	5	5	1	1
YEAR 2011				0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	SEASON	AUGUST	ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN
			59	61	62	63	64	65	66
YEAR 2028	8		2	1	2	3	4	3	1
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASON	AUGUST	TANN	TANN	TANN	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE
8		1-3	1-3	4	1	1	2	3
YEAR 2011		67	68	69	70	71	72	73
YEAR 2012		2	3	4	1	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								

SEASONAL HEAT RATE PROFILE	0	0	0	0	162	162	162
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
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	AUGUST	75	76	77	78	79	80	81
YEAR 2040	8								
YEAR 2039									
YEAR 2038									
YEAR 2037									
YEAR 2036									
YEAR 2035									
YEAR 2034									
YEAR 2033									
YEAR 2032									
YEAR 2031									
YEAR 2030									
YEAR 2029									
YEAR 2028									
YEAR 2027									
YEAR 2026									
YEAR 2025									
YEAR 2024									
YEAR 2023									
YEAR 2022									
YEAR 2021									
YEAR 2020									
YEAR 2019									
YEAR 2018									
YEAR 2017									
YEAR 2016									
YEAR 2015									
YEAR 2014									
YEAR 2013									
YEAR 2012									
YEAR 2011									

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4-Company East Optimization

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.



YEAR	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
YEAR 2011	102	103	104	105	106	107	108													
YEAR 2012	1	1	1	1	1	1	1													
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.

YEAR	UPC_NCCS	FC_UL_S0	UPC_RCCS	IGC_NCCS	IGCC_GE	IGC_RCCS	CC_2X1FB
YEAR 2019	102	103	104	105	106	107	108
YEAR 2020	102	103	104	105	106	107	108
YEAR 2021	102	103	104	105	106	107	108
YEAR 2022	102	103	104	105	106	107	108
YEAR 2023	102	103	104	105	106	107	108
YEAR 2024	102	103	104	105	106	107	108
YEAR 2025	102	103	104	105	106	107	108
YEAR 2026	102	103	104	105	106	107	108
YEAR 2027	102	103	104	105	106	107	108
YEAR 2028	102	103	104	105	106	107	108
YEAR 2029	102	103	104	105	106	107	108
YEAR 2030	102	103	104	105	106	107	108
YEAR 2031	102	103	104	105	106	107	108
YEAR 2032	102	103	104	105	106	107	108
YEAR 2033	102	103	104	105	106	107	108
YEAR 2034	102	103	104	105	106	107	108
YEAR 2035	102	103	104	105	106	107	108
YEAR 2036	102	103	104	105	106	107	108
YEAR 2037	102	103	104	105	106	107	108
YEAR 2038	102	103	104	105	106	107	108
YEAR 2039	102	103	104	105	106	107	108
YEAR 2040	102	103	104	105	106	107	108

SEASON	CC_2X1FA	CC_1x17H	BS2_CC	CT_GE7FA	CT_GE7EA	BS2_FGD	BS1_FGD
SEASON 8	109	110	111	114	115	124	125
YEAR 2011	1	1	1	1	1	2	1
YEAR 2012	1	1	1	1	1	2	1
YEAR 2013	1	1	1	1	1	2	1
YEAR 2014	1	1	1	1	1	2	1
YEAR 2015	1	1	1	1	1	2	1
YEAR 2016	1	1	1	1	1	2	1
YEAR 2017	1	1	1	1	1	2	1
YEAR 2018	1	1	1	1	1	2	1
YEAR 2019	1	1	1	1	1	2	1
YEAR 2020	1	1	1	1	1	2	1
YEAR 2021	1	1	1	1	1	2	1
YEAR 2022	1	1	1	1	1	2	1
YEAR 2023	1	1	1	1	1	2	1
YEAR 2024	1	1	1	1	1	2	1
YEAR 2025	1	1	1	1	1	2	1
YEAR 2026	1	1	1	1	1	2	1
YEAR 2027	1	1	1	1	1	2	1
YEAR 2028	1	1	1	1	1	2	1
YEAR 2029	1	1	1	1	1	2	1
YEAR 2030	1	1	1	1	1	2	1
YEAR 2031	1	1	1	1	1	2	1
YEAR 2032	1	1	1	1	1	2	1
YEAR 2033	1	1	1	1	1	2	1
YEAR 2034	1	1	1	1	1	2	1
YEAR 2035	1	1	1	1	1	2	1
YEAR 2036	1	1	1	1	1	2	1
YEAR 2037	1	1	1	1	1	2	1
YEAR 2038	1	1	1	1	1	2	1
YEAR 2039	1	1	1	1	1	2	1
YEAR 2040	1	1	1	1	1	2	1

SEASONAL HEAT RATE PROFILE	0	182	0	0	0	0
YEAR 2011	0	182	0	0	0	0
YEAR 2012	0	182	0	0	0	0
YEAR 2013	0	182	0	0	0	0
YEAR 2014	0	182	0	0	0	0
YEAR 2015	0	182	0	0	0	0
YEAR 2016	0	182	0	0	0	0
YEAR 2017	0	182	0	0	0	0
YEAR 2018	0	182	0	0	0	0
YEAR 2019	0	182	0	0	0	0
YEAR 2020	0	182	0	0	0	0
YEAR 2021	0	182	0	0	0	0
YEAR 2022	0	182	0	0	0	0
YEAR 2023	0	182	0	0	0	0
YEAR 2024	0	182	0	0	0	0
YEAR 2025	0	182	0	0	0	0
YEAR 2026	0	182	0	0	0	0
YEAR 2027	0	182	0	0	0	0
YEAR 2028	0	182	0	0	0	0
YEAR 2029	0	182	0	0	0	0
YEAR 2030	0	182	0	0	0	0
YEAR 2031	0	182	0	0	0	0
YEAR 2032	0	182	0	0	0	0





4-Company East Optimization

-----	YEAR 2012	-----							
-----	YEAR 2013	-----							
-----	YEAR 2014	-----	150	0	0	0	0	150	0
-----	YEAR 2015	-----							
-----	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 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	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 2040										

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	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										

IGCC OH	1	PC_UL_OH	1	NUKE OH	1	RPID_03	1	RPID_04	1	RPID_08	1	RPID_20	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
	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	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE	186	187	188	189
YEAR 2011	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 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	
YEAR 2035	186	187	188	189	190	191	223	187	188	189	190	191	223	186	187	188	
YEAR 2036	RP1TR_1M	RP2TR_1M	RP1TR_KP	RP2TR_KP	T4_TROWA	T4_TRCCR	MR_STKR1	RP1TR_1M	RP2TR_1M	RP1TR_KP	RP2TR_KP	T4_TROWA	T4_TRCCR	MR_STKR2	RP1TR_1M	RP2TR_1M	
YEAR 2037	1	2	1	2	4	4	1	1	2	1	2	4	4	1	2	1	
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	SEASON 8	AUGUST	SEASON 8	AUGUST	
YEAR 2011	224	228	229	230	231	232	233	224	228	229	230	231	232	233	224	228	
YEAR 2012	MR_STKR2	AMS3_SI	BS2_SI	MRS_CF	MRS_SI	RP11_CF	RP12_CF	MR_STKR2	AMS3_SI	BS2_SI	MRS_CF	MRS_SI	RP11_CF	RP12_CF	MR_STKR2	AMS3_SI	
YEAR 2013	1	3	2	5	5	1	2	1	3	2	5	5	1	2	1	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																	

THERMAL UNIT	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	
YEAR 2011	234	235	251	252	253	254	255	234	235	251	252	253	254	255	234	235	
YEAR 2012	RP11_SI	RP12_SI	DC1_HPT	DC1_IS	DC1_BFF	DC1_17	DC1_3800	RP11_SI	RP12_SI	DC1_HPT	DC1_IS	DC1_BFF	DC1_17	DC1_3800	RP11_SI	RP12_SI	
YEAR 2013	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	
YEAR 2014																	
YEAR 2015																	



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 8	AUGUST	DC2_HPT	DC2_EFF	DC2_SPU	DC2_3800	BIGSD_15	BIGSD_GP	CIN_Q_HM
YEAR 2014			257	258	259	260	269	270	271
YEAR 2015			2	2	2	2	1	1	1
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
THERMAL UNIT	SEASON 8	AUGUST	CIN_Q_15	CIN_Q_HM	CIN_Q_15	CIN_Q_HM	CIN_Q_15	CVL_3_HM	CVL_3_10
SEASONAL HEAT RATE PROFILE			272	273	274	275	276	277	278
YEAR 2011			1	2	2	3	3	3	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									

YEAR	HEAT RATE PROFILE	GIN_5_HM	GIN_5_15	GIN_6_HM	GIN_6_15	KMR_F_HM	KMR_F_GP	KMR_F_HM
YEAR 2028								
YEAR 2029								
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		279	280	281	282	283	284	285
YEAR 2011		5	5	6	6	1	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								

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





YEAR 2040	SEASON 8	AUGUST	MSKR1_HM 293 1	MSKR1_12 294 1	MSKR2_HM 295 2	MSKR2_12 296 2	MSKR3_GP 297 3	MS3HM_12 298 3	MSKR4_GP 299 4
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.

THERMAL UNIT	SEASON	8	AUGUST	307	308	309	310	311	312	313			
MSKR1_HM	293	MSKR1_12	294	MSKR2_HM	295	MSKR2_12	296	MSKR3_GP	297	MR3HM_12	298	MSKR4_GP	299
	1		1		2		2		3		3		4
YEAR 2038		YEAR 2039		YEAR 2040									

THERMAL UNIT	SEASON	8	AUGUST	M4HM_12	PICW1_HM	PICW1_GP	SP1_F_HM	SP1_F_15	SP2_F_HM	SP2_F_15																																																	
				300	301	302	303	304	305	306																																																	
				4	5	5	1	1	2	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	SP3_O_HM	SP3_O_15	SP4_O_HM	SP4_O_15	SP5_HM	SP5_15	TWR_F_HM					
				307	308	309	310	311	312	313					
				3	3	4	4	5	5	1					
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.

YEAR	314	315	316	317	318	319	320
TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_15	PW_GP_15	RHLLLS
1	2	2	3	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							

SEASON 8 AUGUST

500	501	502	503	958	959	960
DUMMY_OP	DUMMY_TM	DUMMY_AP	DUMMY_KP	CC_KPCO	RP2D_KP	RP2D_TM
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						

SEASONAL HEAT RATE PROFILE

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						
YEAR 2026						
YEAR 2027						
YEAR 2028						
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
-----	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

----- THERMAL UNIT ----- SEASON 8 AUGUST -----

CSV6\_SCR 961 CSV5\_SCR 962 DUMM1\_OP 963 DUMM1\_OP 964 RPID\_03 965 RPID\_XE 966 BS2\_FGD 967  
 961 962 963 964 965 966 967

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



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 = GAF.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	

===== THERMAL UNIT SEASON 8 AUGUST =====

SEASONAL HEAT RATE PROFILE	989	990	991	992	993	994	995
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 8	AUGUST	996 T4_TROTR 996	997 RP2TR_KD 997	998 RP2TR_IM 998	999 DUMMY_OF 999
YEAR 2011			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.

SEASON	8	AUGUST	996	997	998	999
THERMAL UNIT			T4	RP2TR_KP	RP2TR_IM	DUMMY_OP
			TRONA	997	998	999
			996			

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 5	BIG SAND 6	CARD 1+2 7
THERMAL UNIT			1	2	3	4	5	6	7
SEASONAL HEAT RATE PROFILE			1	2	3	4	5	6	7
			0	0	0	0	0	0	0
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	SEASON	HEAT RATE PROFILE	CARD 1+2	CARD 3	CLIPPY 1	CLIPPY 2	CLIPPY 3	CLIPPY 4	CLIPPY 5
YEAR 2037	9 SEPTEMBER		8	9	10	11	12	13	14
YEAR 2038			2	3	1	2	3	4	5
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									
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	8	9	10	11	12	13	14
YEAR 2035	CARD 1+2	CARD 3	CLIFTY 1	CLIFTY 2	CLIFTY 3	CLIFTY 4	CLIFTY 5		
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 9	SEPTEMBER	15	16	17	18	19	20	21
YEAR 2011	CLIFTY 6	CLINCH R 1	CLINCH R 2	CLINCH R 3	ROCKP_KP 1	ROCKP_KP 2	CSVL 1-4 3		
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
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	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		
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	19

THERMAL UNIT	SEASON 9	SEPTEMBER	22	23	24	25	26	27	28
YEAR 2012									
SEASONAL HEAT RATE PROFILE	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 -----  
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 ----- 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 -----

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=====
THERMAL UNIT          SEASON 9 SEPTEMBER
=====
GLEN LYN             29
5
GLEN LYN             30
6
KAMMER              33
1
KAMMER              34
2
KAMMER              35
3
KANAWHA             36
1
KANAWHA             37
2

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE
----- 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 = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	9	SEPTEMBER	29	30	33	34	35	36	37
YEAR 2014				GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
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	39	40	41	42	43	44
YEAR 2011				KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5	MITCHELL 1	MITCHELL 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										

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
	0	0	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 = GAP.INPUT.THERMAL UNIT.

YEAR	SEASON	ROCKP_IM	STUART	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
YEAR 2037	9 SEPTEMBER	59	61	62	63	64	65	66	
YEAR 2038	9 SEPTEMBER								
YEAR 2039	9 SEPTEMBER								
YEAR 2040	9 SEPTEMBER								

YEAR	SEASON	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE
YEAR 2011	9 SEPTEMBER	67	68	69	70	71	72	73
YEAR 2012	9 SEPTEMBER	2	3	4	1	1	2	3
YEAR 2013	9 SEPTEMBER							
YEAR 2014	9 SEPTEMBER							
YEAR 2015	9 SEPTEMBER							
YEAR 2016	9 SEPTEMBER							
YEAR 2017	9 SEPTEMBER							
YEAR 2018	9 SEPTEMBER							
YEAR 2019	9 SEPTEMBER							
YEAR 2020	9 SEPTEMBER							
YEAR 2021	9 SEPTEMBER							
YEAR 2022	9 SEPTEMBER							
YEAR 2023	9 SEPTEMBER							
YEAR 2024	9 SEPTEMBER							
YEAR 2025	9 SEPTEMBER							
YEAR 2026	9 SEPTEMBER							
YEAR 2027	9 SEPTEMBER							
YEAR 2028	9 SEPTEMBER							
YEAR 2029	9 SEPTEMBER							
YEAR 2030	9 SEPTEMBER							
YEAR 2031	9 SEPTEMBER							
YEAR 2032	9 SEPTEMBER							
YEAR 2033	9 SEPTEMBER							
YEAR 2034	9 SEPTEMBER							
YEAR 2035	9 SEPTEMBER							
YEAR 2036	9 SEPTEMBER							
YEAR 2037	9 SEPTEMBER							
YEAR 2038	9 SEPTEMBER							
YEAR 2039	9 SEPTEMBER							
YEAR 2040	9 SEPTEMBER							

YEAR	SEASON	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1
YEAR 2011	9 SEPTEMBER	75	76	77	78	79	80	81
YEAR 2012	9 SEPTEMBER	1	2	3	4	5	6	1
YEAR 2013	9 SEPTEMBER							
YEAR 2014	9 SEPTEMBER							
YEAR 2015	9 SEPTEMBER							
YEAR 2016	9 SEPTEMBER							
YEAR 2017	9 SEPTEMBER							

YEAR	SEASON	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1
YEAR 2011	9 SEPTEMBER	75	76	77	78	79	80	81
YEAR 2012	9 SEPTEMBER	1	2	3	4	5	6	1
YEAR 2013	9 SEPTEMBER							
YEAR 2014	9 SEPTEMBER							
YEAR 2015	9 SEPTEMBER							
YEAR 2016	9 SEPTEMBER							
YEAR 2017	9 SEPTEMBER							

----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- 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	-----	-----	-----	-----	-----	-----
DARBY	82	DARBY	83	DARBY	84	DARBY	85	DARBY	86
SEASONAL HEAT RATE PROFILE	2	3	4	5	6	LMBG WIN	87	LMBG WIN	88
YEAR 2011	0	0	0	0	0	1	0	2	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	SEASON	9 SEPTEMBER	82	83	84	85	86	87	88
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
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 2016 -----

THERMAL UNIT	SEASON	9 SEPTEMBER	89	90	91	92	93	94	101
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
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 PROFILE	IMBG SMR	IMBG SWR	WATR CC	WATR2	DRESDEN	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	102	103	104	105	106	107	108
	UPC_NCCS	PC_UL_SU	UPC_RCCS	IGC_NCCS	IGCC GE	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							
=====							
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	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039
CSV5_SCR	5	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
CSV6_SCR	6	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
CR1_NGCC	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
CR2_NGCC	2	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
MRS_NGCC	5	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
MRS_FGD	5	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
RPID_IM	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

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 2011	126	127	129	130	131
SEASONAL HEAT RATE PROFILE	CSV5_SCR 5	CSV6_SCR 6	CR1_NGCC 1	CR2_NGCC 2	MRS_NGCC 5
YEAR 2012	132	133	134	135	136
SEASONAL HEAT RATE PROFILE	MR5_FGD 5	MR5_FGD 5	MR5_FGD 5	MR5_FGD 5	MR5_FGD 5
YEAR 2013	137	138	139	140	141
SEASONAL HEAT RATE PROFILE	RP1D_IM 1	RP1D_IM 1	RP1D_IM 1	RP1D_IM 1	RP1D_IM 1
YEAR 2014	142	143	144	145	146
SEASONAL HEAT RATE PROFILE	RP2D_IM 2	TAM4_FGD 4	RP1D_KP 1	RP2D_KP 2	TC4_ESP 4
YEAR 2015	147	148	149	150	151
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2016	152	153	154	155	156
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2017	157	158	159	160	161
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2018	162	163	164	165	166
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2019	167	168	169	170	171
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2020	172	173	174	175	176
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2021	177	178	179	180	181
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2022	182	183	184	185	186
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2023	187	188	189	190	191
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2024	192	193	194	195	196
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2025	197	198	199	200	201
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2026	202	203	204	205	206
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2027	207	208	209	210	211
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2028	212	213	214	215	216
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2029	217	218	219	220	221
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2030	222	223	224	225	226
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2031	227	228	229	230	231
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2032	232	233	234	235	236
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2033	237	238	239	240	241
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2034	242	243	244	245	246
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2035	247	248	249	250	251
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2036	252	253	254	255	256
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2037	257	258	259	260	261
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2038	262	263	264	265	266
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2039	267	268	269	270	271
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2040	272	273	274	275	276
SEASONAL HEAT RATE PROFILE	0	0	0	0	0

THERMAL UNIT		SEASON		9 SEPTEMBER	
YEAR 2011	147	148	149	150	151
SEASONAL HEAT RATE PROFILE	MTN_90% 1	RPT1_90% 1	RPT2_90% 2	CVL_90% 1	GV2_90% 2
YEAR 2012	152	153	154	155	156
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2013	157	158	159	160	161
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2014	162	163	164	165	166
SEASONAL HEAT RATE PROFILE	45	0	0	0	0
YEAR 2015	167	168	169	170	171
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2016	172	173	174	175	176
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2017	177	178	179	180	181
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2018	182	183	184	185	186
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
YEAR 2019	187	188	189	190	191
SEASONAL HEAT RATE PROFILE	0	0	0	0	0



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	9	SEPTEMBER	162	163	164	165	166	168	169
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
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	162	163	164	165	166	168	169
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
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
SEASONAL HEAT RATE PROFILE	170	171	172	173	174	175	176		
NUKE_AP	1	1	1	1	1	1	1		
IGCC_TM	0	0	0	0	0	0	0		
PC_UL_TM	0	0	0	0	0	0	0		
NUKE_TM	0	0	0	0	0	0	0		
IGCC_KP	0	0	0	0	0	0	0		
PC_UL_KP	0	0	0	0	0	0	0		
NUKE_KP	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.



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.

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

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

SEASON	9 SEPTEMBER
MR_STKR2	224
AMS3_SI	228
BS2_SI	229
MR5_CF	230
MRS_SI	231
RPT1_CF	232
RPT2_CF	233
RPT1_SI	234
RPT2_SI	235
DC1_HPR	251
DC1_IS	252
DC1_EFF	253
DC1_17	254
DC1_3800	255

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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 =====

HEMAL UNIT	DC2_HFT 2	DC2_EFP 2	DC2_SPU 2	DC2_3800 2	BIGSD_1S 1	BIGSD_GP 1	CLN_Q_HM 1
----- YEAR 2011 -----	257	258	259	260	269	270	271
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 -----							

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	DC2_HP1	DC2_EFF	DC2_SPU	DC2_3800	BIGSD_15	BIGSD_GP	CIN_Q_HM
YEAR 2023	9 SEPTEMBER	257	258	259	260	269	270	271
YEAR 2024		2	2	2	2	1	1	1
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

THERMAL UNIT	SEASON	CIN_Q_15	CIN_Q_HM	CIN_Q_15	CIN_Q_HM	CIN_Q_15	CVL_3_HM	CVL_3_10
YEAR 2011	9 SEPTEMBER	272	273	274	275	276	277	278
YEAR 2012		1	2	2	3	3	3	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	HEAT RATE PROFILE	GIN_5_HM_5	GIN_5_15_5	GIN_6_HM_6	GIN_6_15_6	KWR_F_HM_1	KWR_F_GP_1	KWR_F_HM_2
YEAR 2037	-----							
YEAR 2038	-----							
YEAR 2039	-----							
YEAR 2040	-----							
THERMAL UNIT		SEASON 9 SEPTEMBER						
SEASONAL HEAT RATE PROFILE	-----	279	280	281	282	283	284	285
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	-----							

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		GLN_5_HM	5	GLN_5_15	5	GLN_6_HM	6	GLN_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	MR3HM_12	3	MSKR4_GP	4
YEAR 2012															
YEAR 2013															
YEAR 2014															
YEAR 2015															



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

YEAR	MAHM_12	PICWY_HM	PICWY_GP	SP1_F_HM	SP1_F_15	SP2_F_HM	SP2_F_15	TNR_F_HM
YEAR 2014	300	301	302	303	304	305	306	
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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	SP3_Q_HM	SP3_Q_15	SP4_Q_HM	SP4_Q_15	SP5_HM	SP5_15	TNR_F_HM
YEAR 2011	307	308	309	310	311	312	313
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	SEASON	9 SEPTEMBER	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 RH11s 1
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
----- THERMAL UNIT ----- SEASON 9 SEPTEMBER -----									
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									

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



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	
	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	
	961	962	963	964	965	966	967	961	962	963	964	965	966	967	961	962	963	964	965	966	967	961	962	963	964	965	966	967
	CSV6_SGR_961	CSV5_SGR_962	DUMMY_OP_963	DUMMY_OP_964	RP1D_03_965	RP1D_KP_966	BS2_FGD_967	CSV6_SGR_961	CSV5_SGR_962	DUMMY_OP_963	DUMMY_OP_964	RP1D_03_965	RP1D_KP_966	BS2_FGD_967	CSV6_SGR_961	CSV5_SGR_962	DUMMY_OP_963	DUMMY_OP_964	RP1D_03_965	RP1D_KP_966	BS2_FGD_967	CSV6_SGR_961	CSV5_SGR_962	DUMMY_OP_963	DUMMY_OP_964	RP1D_03_965	RP1D_KP_966	BS2_FGD_967
	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.

THERMAL UNIT		SEASON 9 SEPTEMBER									
YEAR 2038		961	962	963	964	965	966	967			
YEAR 2039		961	962	963	964	965	966	967			
YEAR 2040		961	962	963	964	965	966	967			

THERMAL UNIT		SEASON 9 SEPTEMBER									
YEAR 2011		968	969	970	971	972	973	974			
YEAR 2012		968	969	970	971	972	973	974			
YEAR 2013		968	969	970	971	972	973	974			
YEAR 2014		968	969	970	971	972	973	974			
YEAR 2015		968	969	970	971	972	973	974			
YEAR 2016		968	969	970	971	972	973	974			
YEAR 2017		968	969	970	971	972	973	974			
YEAR 2018		968	969	970	971	972	973	974			
YEAR 2019		968	969	970	971	972	973	974			
YEAR 2020		968	969	970	971	972	973	974			
YEAR 2021		968	969	970	971	972	973	974			
YEAR 2022		968	969	970	971	972	973	974			
YEAR 2023		968	969	970	971	972	973	974			
YEAR 2024		968	969	970	971	972	973	974			
YEAR 2025		968	969	970	971	972	973	974			
YEAR 2026		968	969	970	971	972	973	974			
YEAR 2027		968	969	970	971	972	973	974			
YEAR 2028		968	969	970	971	972	973	974			
YEAR 2029		968	969	970	971	972	973	974			
YEAR 2030		968	969	970	971	972	973	974			
YEAR 2031		968	969	970	971	972	973	974			
YEAR 2032		968	969	970	971	972	973	974			
YEAR 2033		968	969	970	971	972	973	974			
YEAR 2034		968	969	970	971	972	973	974			
YEAR 2035		968	969	970	971	972	973	974			
YEAR 2036		968	969	970	971	972	973	974			
YEAR 2037		968	969	970	971	972	973	974			
YEAR 2038		968	969	970	971	972	973	974			
YEAR 2039		968	969	970	971	972	973	974			
YEAR 2040		968	969	970	971	972	973	974			

THERMAL UNIT	SEASON 9 SEPTEMBER	975	976	977	978	979	980	981
YEAR 2011	DUMMY_OP	975	976	977	978	979	980	981
YEAR 2012	DUMMY_OP	975	976	977	978	979	980	981
YEAR 2013	DUMMY_OP	975	976	977	978	979	980	981
YEAR 2014	DUMMY_OP	975	976	977	978	979	980	981
YEAR 2015	DUMMY_OP	975	976	977	978	979	980	981
YEAR 2016	DUMMY_OP	975	976	977	978	979	980	981
YEAR 2017	DUMMY_OP	975	976	977	978	979	980	981
YEAR 2018	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

-----	YEAR 2019	-----							
-----	YEAR 2020	-----							
-----	YEAR 2021	-----							
-----	YEAR 2022	-----							
-----	YEAR 2023	-----							
-----	YEAR 2024	-----							
-----	YEAR 2025	-----							
-----	YEAR 2026	-----							
-----	YEAR 2027	-----							
-----	YEAR 2028	-----							
-----	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	9	SEPTEMBER	-----			
-----	SEASONAL HEAT RATE PROFILE	-----	DUMMY OP	982					
-----	YEAR 2011	-----		982					
-----	YEAR 2012	-----		582					
-----	YEAR 2013	-----		0					
-----	YEAR 2014	-----							
-----	YEAR 2015	-----							
-----	YEAR 2016	-----							
-----		-----	DUMMY OP	983					
-----		-----		983					
-----		-----		0					
-----		-----	DUMMY OP	984					
-----		-----		984					
-----		-----		0					
-----		-----	DUMMY OP	985					
-----		-----		985					
-----		-----		0					
-----		-----	DUMMY OP	986					
-----		-----		986					
-----		-----		0					
-----		-----	DUMMY OP	987					
-----		-----		987					
-----		-----		0					
-----		-----	DUMMY OP	988					
-----		-----		988					
-----		-----		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		SEASON 9 SEPTEMBER		SEASON 9 SEPTEMBER		SEASON 9 SEPTEMBER		SEASON 9 SEPTEMBER			
YEAR	OP	YEAR	OP	YEAR	OP	YEAR	OP	YEAR	OP	YEAR	OP		
YEAR 2017	982	YEAR 2017	983	YEAR 2017	984	YEAR 2017	985	YEAR 2017	986	YEAR 2017	987	YEAR 2017	988
YEAR 2018	982	YEAR 2018	983	YEAR 2018	984	YEAR 2018	985	YEAR 2018	986	YEAR 2018	987	YEAR 2018	988
YEAR 2019	982	YEAR 2019	983	YEAR 2019	984	YEAR 2019	985	YEAR 2019	986	YEAR 2019	987	YEAR 2019	988
YEAR 2020	982	YEAR 2020	983	YEAR 2020	984	YEAR 2020	985	YEAR 2020	986	YEAR 2020	987	YEAR 2020	988
YEAR 2021	982	YEAR 2021	983	YEAR 2021	984	YEAR 2021	985	YEAR 2021	986	YEAR 2021	987	YEAR 2021	988
YEAR 2022	982	YEAR 2022	983	YEAR 2022	984	YEAR 2022	985	YEAR 2022	986	YEAR 2022	987	YEAR 2022	988
YEAR 2023	982	YEAR 2023	983	YEAR 2023	984	YEAR 2023	985	YEAR 2023	986	YEAR 2023	987	YEAR 2023	988
YEAR 2024	982	YEAR 2024	983	YEAR 2024	984	YEAR 2024	985	YEAR 2024	986	YEAR 2024	987	YEAR 2024	988
YEAR 2025	982	YEAR 2025	983	YEAR 2025	984	YEAR 2025	985	YEAR 2025	986	YEAR 2025	987	YEAR 2025	988
YEAR 2026	982	YEAR 2026	983	YEAR 2026	984	YEAR 2026	985	YEAR 2026	986	YEAR 2026	987	YEAR 2026	988
YEAR 2027	982	YEAR 2027	983	YEAR 2027	984	YEAR 2027	985	YEAR 2027	986	YEAR 2027	987	YEAR 2027	988
YEAR 2028	982	YEAR 2028	983	YEAR 2028	984	YEAR 2028	985	YEAR 2028	986	YEAR 2028	987	YEAR 2028	988
YEAR 2029	982	YEAR 2029	983	YEAR 2029	984	YEAR 2029	985	YEAR 2029	986	YEAR 2029	987	YEAR 2029	988
YEAR 2030	982	YEAR 2030	983	YEAR 2030	984	YEAR 2030	985	YEAR 2030	986	YEAR 2030	987	YEAR 2030	988
YEAR 2031	982	YEAR 2031	983	YEAR 2031	984	YEAR 2031	985	YEAR 2031	986	YEAR 2031	987	YEAR 2031	988
YEAR 2032	982	YEAR 2032	983	YEAR 2032	984	YEAR 2032	985	YEAR 2032	986	YEAR 2032	987	YEAR 2032	988
YEAR 2033	982	YEAR 2033	983	YEAR 2033	984	YEAR 2033	985	YEAR 2033	986	YEAR 2033	987	YEAR 2033	988
YEAR 2034	982	YEAR 2034	983	YEAR 2034	984	YEAR 2034	985	YEAR 2034	986	YEAR 2034	987	YEAR 2034	988
YEAR 2035	982	YEAR 2035	983	YEAR 2035	984	YEAR 2035	985	YEAR 2035	986	YEAR 2035	987	YEAR 2035	988
YEAR 2036	982	YEAR 2036	983	YEAR 2036	984	YEAR 2036	985	YEAR 2036	986	YEAR 2036	987	YEAR 2036	988
YEAR 2037	982	YEAR 2037	983	YEAR 2037	984	YEAR 2037	985	YEAR 2037	986	YEAR 2037	987	YEAR 2037	988
YEAR 2038	982	YEAR 2038	983	YEAR 2038	984	YEAR 2038	985	YEAR 2038	986	YEAR 2038	987	YEAR 2038	988
YEAR 2039	982	YEAR 2039	983	YEAR 2039	984	YEAR 2039	985	YEAR 2039	986	YEAR 2039	987	YEAR 2039	988
YEAR 2040	982	YEAR 2040	983	YEAR 2040	984	YEAR 2040	985	YEAR 2040	986	YEAR 2040	987	YEAR 2040	988

THERMAL UNIT		SEASON 9 SEPTEMBER		SEASON 9 SEPTEMBER		SEASON 9 SEPTEMBER		SEASON 9 SEPTEMBER		SEASON 9 SEPTEMBER			
YEAR	OP	YEAR	OP	YEAR	OP	YEAR	OP	YEAR	OP	YEAR	OP		
YEAR 2011	989	YEAR 2011	990	YEAR 2011	991	YEAR 2011	992	YEAR 2011	993	YEAR 2011	994	YEAR 2011	995
YEAR 2012	989	YEAR 2012	990	YEAR 2012	991	YEAR 2012	992	YEAR 2012	993	YEAR 2012	994	YEAR 2012	995
YEAR 2013	989	YEAR 2013	990	YEAR 2013	991	YEAR 2013	992	YEAR 2013	993	YEAR 2013	994	YEAR 2013	995
YEAR 2014	989	YEAR 2014	990	YEAR 2014	991	YEAR 2014	992	YEAR 2014	993	YEAR 2014	994	YEAR 2014	995
YEAR 2015	989	YEAR 2015	990	YEAR 2015	991	YEAR 2015	992	YEAR 2015	993	YEAR 2015	994	YEAR 2015	995
YEAR 2016	989	YEAR 2016	990	YEAR 2016	991	YEAR 2016	992	YEAR 2016	993	YEAR 2016	994	YEAR 2016	995
YEAR 2017	989	YEAR 2017	990	YEAR 2017	991	YEAR 2017	992	YEAR 2017	993	YEAR 2017	994	YEAR 2017	995
YEAR 2018	989	YEAR 2018	990	YEAR 2018	991	YEAR 2018	992	YEAR 2018	993	YEAR 2018	994	YEAR 2018	995
YEAR 2019	989	YEAR 2019	990	YEAR 2019	991	YEAR 2019	992	YEAR 2019	993	YEAR 2019	994	YEAR 2019	995
YEAR 2020	989	YEAR 2020	990	YEAR 2020	991	YEAR 2020	992	YEAR 2020	993	YEAR 2020	994	YEAR 2020	995
YEAR 2021	989	YEAR 2021	990	YEAR 2021	991	YEAR 2021	992	YEAR 2021	993	YEAR 2021	994	YEAR 2021	995
YEAR 2022	989	YEAR 2022	990	YEAR 2022	991	YEAR 2022	992	YEAR 2022	993	YEAR 2022	994	YEAR 2022	995
YEAR 2023	989	YEAR 2023	990	YEAR 2023	991	YEAR 2023	992	YEAR 2023	993	YEAR 2023	994	YEAR 2023	995
YEAR 2024	989	YEAR 2024	990	YEAR 2024	991	YEAR 2024	992	YEAR 2024	993	YEAR 2024	994	YEAR 2024	995
YEAR 2025	989	YEAR 2025	990	YEAR 2025	991	YEAR 2025	992	YEAR 2025	993	YEAR 2025	994	YEAR 2025	995
YEAR 2026	989	YEAR 2026	990	YEAR 2026	991	YEAR 2026	992	YEAR 2026	993	YEAR 2026	994	YEAR 2026	995
YEAR 2027	989	YEAR 2027	990	YEAR 2027	991	YEAR 2027	992	YEAR 2027	993	YEAR 2027	994	YEAR 2027	995
YEAR 2028	989	YEAR 2028	990	YEAR 2028	991	YEAR 2028	992	YEAR 2028	993	YEAR 2028	994	YEAR 2028	995
YEAR 2029	989	YEAR 2029	990	YEAR 2029	991	YEAR 2029	992	YEAR 2029	993	YEAR 2029	994	YEAR 2029	995
YEAR 2030	989	YEAR 2030	990	YEAR 2030	991	YEAR 2030	992	YEAR 2030	993	YEAR 2030	994	YEAR 2030	995

----- 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 -----

T4 TROMA 996  
 996 RP2TR\_KP 997  
 996 RP2TR\_IM 998  
 DUMMY\_OP 999

----- SEASONAL HEAT RATE PROFILE -----  
 ----- YEAR 2011 ----- 0  
 ----- 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 -----

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  
-----

996 997 998 999  
T4\_TRONA RP2TR\_KP RP2TR\_IM DUMMY\_OP  
996 997 998 999

-----  
THERMAL UNIT SEASON 10 OCTOBER  
-----

1 2 3 4 5 6 7  
AMOS AMOS AMOS\_OP BECKTORD BIG SAND BIG SAND CARD 1+2  
1 2 3 6 1 2 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 2027  
YEAR 2028  
YEAR 2029  
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  
-----  
CARD 1+2 8 CARD 3 9 CLEFTY 10 CLEFTY 11 CLEFTY 12 CLEFTY 13 CLEFTY 14  
2 3 1 2 3 4 5  
-----  
1495



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 10 OCTOBER													
	15 CLIFFY	16 CLINCH R	17 CLINCH R	18 CLINCH R	19 ROCKP_KP	20 ROCKP_KP	21 CSVL 1-4	22 CSVL 1-4	23 CSVL 5+6	24 CSVL 5+6	25 D C COOK	26 D C COOK	27 GAVIN	28 GAVIN
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 10 OCTOBER									
	22 CSVL 1-4	23 CSVL 5+6	24 CSVL 5+6	25 D C COOK	26 D C COOK	27 GAVIN	28 GAVIN			
YEAR 2011	0	0	0	0	0	0	19			
YEAR 2012	0	0	0	0	0	0	19			
YEAR 2013	0	0	0	0	0	0	19			
YEAR 2014	0	0	0	0	0	0	19			
YEAR 2015	0	0	0	0	0	0	19			
YEAR 2016	0	0	0	0	0	0	19			
YEAR 2017	0	0	0	0	0	0	19			
YEAR 2018	0	0	0	0	0	0	19			
YEAR 2019	0	0	0	0	0	0	19			
YEAR 2020	0	0	0	0	0	0	19			
YEAR 2021	0	0	0	0	0	0	19			
YEAR 2022	0	0	0	0	0	0	19			
YEAR 2023	0	0	0	0	0	0	19			





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

COHLIFTR = GAF.INPUT.THERMAL UNIT.

===== THERMAL UNIT SEASON 10 OCTOBER =====

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

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

```

----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
-----
THERMAL UNIT          SEASON 10 OCTOBER -----
-----
SEASONAL HEAT RATE PROFILE
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
-----
SEASONAL HEAT RATE PROFILE          150          0          0          0          0          0          0
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
-----
YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          150          0          0          0          0          0          0
YEAR 2012 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
-----
YEAR 2013 -----
YEAR 2014 -----
SEASONAL HEAT RATE PROFILE          45          0          0          0          0          0          0
YEAR 2015 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
-----
YEAR 2016 -----
YEAR 2017 -----
YEAR 2018 -----
YEAR 2019 -----
YEAR 2020 -----
YEAR 2021 -----
YEAR 2022 -----
YEAR 2023 -----
YEAR 2024 -----
YEAR 2025 -----
YEAR 2026 -----
YEAR 2027 -----
YEAR 2028 -----
YEAR 2029 -----
YEAR 2030 -----
YEAR 2031 -----
YEAR 2032 -----

```

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	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 10 OCTOBER									
		TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTWONE	ROBTWONE	ROBTWONE	ROBTWONE	ROBTWONE	ROBTWONE
		2	3	4	1	1	2	3	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									
		CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1			
		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									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
=====									
SEASONAL HEAT RATE PROFILE	82	83	84	85	86	87	88		
YEAR 2011	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	JMBG WIN 1	JMBG WIN 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.

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP, INPUT, THERMAL UNIT.

-----  
THERMAL UNIT SEASON 10 OCTOBER  
-----

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

-----  
THERMAL UNIT SEASON 10 OCTOBER  
-----

89	90	91	92	93	94	101
IMBG SMR 1	IMBG SMR 2	WATR CC 1	WATR2 1	DRESSDEN 1	DRESSD2 1	NUCLEAR 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	SEASON 10	OCTOBER	102	103	104	105	106	107	108
SEASONAL HEAT RATE PROFILE	UPC_NCCS	PC_UH_SU	UPC_RCCS	IGC_NCCS	IGCC GR	IGC_RCCS	CC 2X1FB		
YEAR 2038			0	0	0	0	0	0	0
YEAR 2039									
YEAR 2040									
-----									
THERMAL UNIT	=====								
YEAR 2011	102	103	104	105	106	107	108		
SEASONAL HEAT RATE PROFILE	UPC_NCCS	PC_UH_SU	UPC_RCCS	IGC_NCCS	IGCC GR	IGC_RCCS	CC 2X1FB		
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									

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	SEASON 10	OCTOBER	102	103	104	105	106	107	108
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 10	OCTOBER	109	110	111	114	115	124	125
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
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	126	127	129	130	131	132	133
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									

SEASONAL HEAT RATE PROFILE	CSV5_SCR	CSV6_SCR	CR1_NGCC	CR2_NGCC	MRS_NGCC	MRS_FGD	RP1D_TM
YEAR 2011	126	127	129	130	131	132	133
YEAR 2012	5	6	1	2	5	5	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



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- THERMAL UNIT ----- SEASON 10 OCTOBER -----  
 RP2D\_IM 134 TAN4\_FGD 4 RP1D\_KP 136 RP2D\_KP 137 TC4\_ESP 144 A390% AP 145 A390%OP 146  
 2 2

----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- 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 -----  
 MTN\_90% 147 RPT1\_90% 148 RPT2\_90% 149 GVL\_90% 150 GV2\_90% 151 MTN\_18% 153 CC\_PA\_KP 154  
 1 1 2 1 2 1

----- SEASONAL HEAT RATE PROFILE -----  
 ----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 SEASONAL HEAT RATE PROFILE 45 0 0 0 0 0 0 45 0  
 ----- SEASONAL HEAT RATE PROFILE -----  
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0 0 0  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUILTIFFER - GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 10		OCTOBER					
YEAR 2026	155	156	157	158	159	160	161		
YEAR 2027	159	163	164	165	166	168	169		
YEAR 2028	163	167	168	169	170	172	173		
YEAR 2029	167	171	172	173	174	176	177		
YEAR 2030	171	175	176	177	178	180	181		
YEAR 2031	175	179	180	181	182	184	185		
YEAR 2032	179	183	184	185	186	188	189		
YEAR 2033	183	187	188	189	190	192	193		
YEAR 2034	187	191	192	193	194	196	197		
YEAR 2035	191	195	196	197	198	200	201		
YEAR 2036	195	199	200	201	202	204	205		
YEAR 2037	199	203	204	205	206	208	209		
YEAR 2038	203	207	208	209	210	212	213		
YEAR 2039	207	211	212	213	214	216	217		
YEAR 2040	211	215	216	217	218	220	221		

THERMAL UNIT		SEASON 10		OCTOBER					
YEAR 2011	162	163	164	165	166	168	169		
SEASONAL HEAT RATE PROFILE	162	163	164	165	166	168	169		
YEAR 2012	163	164	165	166	168	169			
YEAR 2013	164	165	166	168	169				
YEAR 2014	165	166	168	169					
YEAR 2015	166	168	169						
YEAR 2016	168	169							
YEAR 2017	169								
YEAR 2018	169								
YEAR 2019	169								
YEAR 2020	169								
YEAR 2021	169								
YEAR 2022	169								
YEAR 2023	169								
YEAR 2024	169								
YEAR 2025	169								
YEAR 2026	169								
YEAR 2027	169								
YEAR 2028	169								
YEAR 2029	169								
YEAR 2030	169								
YEAR 2031	169								
YEAR 2032	169								
YEAR 2033	169								
YEAR 2034	169								
YEAR 2035	169								
YEAR 2036	169								
YEAR 2037	169								
YEAR 2038	169								
YEAR 2039	169								



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 10 OCTOBER													
YEAR 2038		NUKE_AP	170	IGCC IM	171	FC_UL_IM	172	NUKE_IM	173	IGCC KP	174	FC_UL_KP	175	NUKE_KP	176
YEAR 2039			1		1		1		1		1		1		1
YEAR 2040															

THERMAL UNIT		SEASON 10 OCTOBER													
YEAR 2011		IGCC OH	177	FC_UL_OH	178	NUKE OH	179	RP1D_03	181	RP1D_04	182	RP1D_08	183	RP1D_20	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															
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		RP1TR_IM	186	RP2TR_IM	187	RP1TR_KP	188	RP2TR_KP	189	T4_TRONA	190	T4_TRCCR	191	MR_STKRI	223
YEAR 2012			1		2		1		2		4		4		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 -----

-----	-----	-----	-----	-----	-----	-----	-----	-----			
SEASONAL	YEAR	HEAT	RATE	PROFIT	MR_STKR2	AMS3_ST	BS2_ST	MR5_CF	MR5_ST	RPT1_CF	RPT2_CF
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2011	2011	0	0	0	224	228	229	230	231	232	233
YEAR 2012	2012	0	0	0	1	3	2	5	5	1	2
YEAR 2013	2013	0	0	0							
YEAR 2014	2014	0	0	0							
YEAR 2015	2015	0	0	0							
YEAR 2016	2016	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 2017	-----	YEAR 2018	-----	YEAR 2019	-----	YEAR 2020	-----	YEAR 2021	-----	YEAR 2022	-----	YEAR 2023	-----	YEAR 2024	-----	YEAR 2025	-----	YEAR 2026	-----	YEAR 2027	-----	YEAR 2028	-----	YEAR 2029	-----	YEAR 2030	-----	YEAR 2031	-----	YEAR 2032	-----	YEAR 2033	-----	YEAR 2034	-----	YEAR 2035	-----	YEAR 2036	-----	YEAR 2037	-----	YEAR 2038	-----	YEAR 2039	-----	YEAR 2040				
THERMAL UNIT																																																			
-----	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 2011	-----	YEAR 2012	-----	YEAR 2013	-----	YEAR 2014	-----	YEAR 2015	-----	YEAR 2016	-----	YEAR 2017	-----	YEAR 2018	-----	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																																																				
-----	RPT1_SI	234	RPT2_SI	235	DC1_HPF	251	DC1_IS	252	DC1_BFP	253	DC1_I7	254	DC1_3800	255																																						
-----	1		2		1		1		1		1		1																																							

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 10 OCTOBER =====														
SEASONAL HEAT RATE PROFILE	DC2_HPT	DC2_BFF	DC2_SPU	DC2_3800	BIGSD_I5	BIGSD_GP	CLN_Q_HM	257	258	259	260	269	270	271
YEAR 2011	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	-----													

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	DC2_HPT	DC2_EFF	DC2_SFU	DC2_3800	BIGSD_15	BIGSD_GP	CLN_Q_10
YEAR 2029	257	258	259	260	269	270	271
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

CLN_Q_15	CLN_Q_HM	CLN_Q_15	CLN_Q_15	CLN_Q_HM	CVL_3_HM	CVL_3_10
272	273	274	275	276	277	278
1	2	2	3	3	3	3

SEASONAL HEAT RATE PROFILE

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						
YEAR 2026						
YEAR 2027						
YEAR 2028						
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

CLN_5_HM	CLN_5_15	CLN_6_HM	CLN_6_15	KMR_F_HM	KMR_F_GP	KMR_F_HM
279	280	281	282	283	284	285
5	5	6	6	1	1	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 = GAF.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

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

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

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 -----

SEASON 10	OCTOBER							
THERMAL UNIT		300	301	302	303	304	305	306
SEASONAL HEAT RATE PROFILE		M4HM_12	PICWY_HM	PICWY_GP	SPI_F_HM	SPI_F_I5	SP2_F_HM	SP2_F_I5
YEAR	YEAR	4	5	5	1	1	2	2
YEAR 2011	YEAR 2011	0	0	0	0	0	0	0
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							

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 2023																					
YEAR 2024																					
YEAR 2025																					
YEAR 2026																					
YEAR 2027																					
YEAR 2028																					
YEAR 2029																					
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																					
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	2038	2039	2040	SEASON 10 OCTOBER						
THERMAL UNIT					314	315	316	317	318	319	320
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	RHILLS 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											

NOTE: DATA 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 10	OCTOBER	SEASON 10	OCTOBER	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	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	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	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



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 10 OCTOBER									
		CR2_NGCC 968	CR1_NGCC 969	MRS_NGCC 970	DUMMY_OP 971	DUMMY_OP 972	DUMMY_OP 973	DUMMY_OP 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									
		DUMMY_OP 975	DUMMY_OP 976	DUMMY_OP 977	DUMMY_OP 978	DUMMY_OP 979	DUMMY_OP 980	DUMMY_OP 981			
---	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	---	---	---	---	---	---	---			
---	SEASONAL HEAT RATE PROFILE	---	---	---	---	---	---	---			

YEAR	SEASON 10	OCTOBER	982	983	984	985	986	987	988
YEAR 2028									
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			DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP
YEAR 2011			982	983	984	985	986	987	988
YEAR 2012			982	983	984	985	986	987	988
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 10	OCTOBER	996	997	998	999
SEASONAL HEAT RATE PROFILE	T4_TRONA	RP2TR_KP	RP2TR_TM	DUMMY_OP		
	996	997	998	999		
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						
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 10 OCTOBER  
-----

T4\_TRONA 996 997 998 999  
RP2TR\_KP 997 RP2TR\_IM 998 DUMMY\_OP 999  
996 997 998 999

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

-----  
THERMAL UNIT SEASON 11 NOVEMBER  
-----

AMOS 1 2 3 4 5 6 7  
1 AMOS 2 AMOS\_OP 3 BECKJORD 6 BIG SAND 1 BIG SAND 2 CARD 1+2  
0 0 0 0 0 0 0 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  
-----

CARD 1+2 8 CARD 3 9 CLIFTY 1 10 CLIFTY 2 11 CLIFTY 3 12 CLIFTY 4 13 CLIFTY 5 14  
2 2 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 -----





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 11 NOVEMBER									
	CLIFTY	CLINCH	CLINCH	CLINCH	CLINCH	ROCKP	ROCKP	ROCKP	CSVL		
	6	1	2	3	1	1	2	3	1-4		
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
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									
	CSVL	CSVL	CSVL	D C	D C	GAVIN	GAVIN				
	1-4	5+6	5+6	COOK	COOK	1	2	1	2		
YEAR 2011	0	0	0	0	0	0	0	0	0		
YEAR 2012	0	0	0	0	0	0	0	0	0		
YEAR 2013	0	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											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
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	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAWHA 1	37 KANAWHA 2
YEAR 2011	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 11 NOVEMBER									
YEAR 2029		29	30	33	34	35	36	37			
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		38	39	40	41	42	43	44			
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT		SEASON 11 NOVEMBER									
MOUNT_ER	1	45	46	47	48	49	50	51			
MUSK_RVR	1										
MUSK_RVR	2										
MUSK_RVR	3										
MUSK_RVR	4										
MUSK_RVR	5										
P_SPOFN	1										



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QOBLIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 11 NOVEMBER									
		45	46	47	48	49	50	51			
	MOUNT_ER	1	1	2	3	4	5	1			
YEAR 2040											

THERMAL UNIT		SEASON 11 NOVEMBER									
		52	53	54	55	56	57	58			
	P SPORN	2	3	4	5	5	1	1			
YEAR 2011											
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0			0
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
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YEAR 2031											
YEAR 2032											
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YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT		SEASON 11 NOVEMBER					
		59	61	62	63	64	65
	ROCKP_IM	2	1	2	3	4	3
YEAR 2011							
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							

THERMAL UNIT		SEASON 11 NOVEMBER					
		66					
	TANN 1-3	1					
YEAR 2011							
SEASONAL HEAT RATE PROFILE		0					0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
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YEAR 2019							
YEAR 2020							

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===== SEASON 11 NOVEMBER =====
THERMAL UNIT
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YEAR 2011 -----
SEASONAL HEAT RATE PROFILE
YEAR 2012 -----
YEAR 2013 -----
YEAR 2014 -----
YEAR 2015 -----
YEAR 2016 -----
YEAR 2017 -----
YEAR 2018 -----
    
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UNIT	67	68	69	70	71	72	73
TANN 1-3	67	68	69	70	71	72	73
2	0	0	0	0	164	164	164

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									
	67	68	69	70	71	72	73	74	75	76
	TANN 1-3	TANN 1-3	TANN 4	ZIMMER 1	ROBTMONE 1	ROBTMONE 2	ROBTMONE 3	ROBTMONE 4	CEREDO 1	CEREDO 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 11 NOVEMBER									
	75	76	77	78	79	80	81	82	83	84
	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DABBY 1	DABBY 2	DABBY 3	DABBY 4
YEAR 2011										
SEASONAL HEAT RATE PROFITE	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										
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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 2033	-----							
YEAR 2034	-----							
YEAR 2035	-----							
YEAR 2036	-----							
YEAR 2037	-----							
YEAR 2038	-----							
YEAR 2039	-----							
YEAR 2040	-----							
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SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018
SEASONAL HEAT RATE PROFILE	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026
SEASONAL HEAT RATE PROFILE	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030				

SEASON 11 NOVEMBER	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1	IMBG WIN 2
82	82	83	84	85	86	87	88
0	0	0	0	0	0	0	0

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





----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
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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 = GAR.INPUT.THERMAL UNIT.

SEASONAL HEAT RATE PROFILE	109	110	111	114	115	124	125
YEAR 2011	CC 2*1FA	CC 1*17H	BS2_CC	CT GE7FA	CT_GE7EA	BS2_FGD	BS1_FGD
YEAR 2011	1	1	1	1	1	2	1
YEAR 2012	0	0	183	0	0	0	0
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
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YEAR 2030							
YEAR 2031							
YEAR 2032							
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YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

SEASON 11 NOVEMBER

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	0	0	0	0	0	0
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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

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----- THERMAL UNIT SEASON 11 NOVEMBER -----

SEASONAL HEAT RATE PROFILE	RP2D_TM 134 2	TANK_FGD 135 4	RP1D_KP 136 1	RP2D_KP 137 2	TC4_BSP 144 4	A390% AP 145 3	A390%OP 146 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.

APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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THERMAL UNIT SEASON 11 NOVEMBER  
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RP2D_IM	134	TAN4_FGD	4	RP1D_KP	136	RP2D_KP	137	TC4_ESP	144	A390% AP	145	A390%OP	146
	2				1		2		4		3		3

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

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

MTN_90%	147	RPT1_90%	148	RPT2_90%	149	GVL_90%	150	GV2_90%	151	MTN_18%	153	CC_FA_KP	154
	1		1		2		1		2		1		1

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SEASONAL HEAT RATE PROFILE  
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SEASONAL HEAT RATE PROFILE  
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SEASONAL HEAT RATE PROFILE  
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YEAR 2035 -----

YEAR	SEASON 11 NOVEMBER	CT_OHIO	CC_OH	CT_IAM	CC_IAM	CT_APCO	CC_APCO	CT_KRCC
YEAR 2036	0	155	156	157	158	159	160	161
YEAR 2037	0	1	1	1	1	1	1	1
YEAR 2038	0							
YEAR 2039	0							
YEAR 2040	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							
YEAR 2033	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 11 NOVEMBER									
YEAR 2034		CT_OHIO 1	CC_OH 1	CT_I&M 1	CC_I&M 1	CT_ARCO 1	CC_ARCO 1	CT_KPCO 1			
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT		SEASON 11 NOVEMBER									
YEAR 2011		CC_KPCO 1	BS2_FGD 1	BS2_FGD 5	BS2_FGD 22	BS2_FGD 23	IGCC_AP 1	PC_UL_AP 1			
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
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YEAR 2018											
YEAR 2019											
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YEAR 2021											
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YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT		SEASON 11 NOVEMBER									
YEAR 2011		Nuke_AP 1	IGCC_IM 1	PC_UL_IM 1	NUKE_IM 1	IGCC_KP 1	PC_UL_KP 1	NUKE_KP 1			
YEAR 2012											
YEAR 2013											
YEAR 2014											

THERMAL UNIT		SEASON 11 NOVEMBER									
YEAR 2011		170	171	172	173	174	175	176			
YEAR 2012		0	0	0	0	0	0	0			
YEAR 2013											
YEAR 2014											

SEASONAL HEAT RATE PROFILE		SEASON 11 NOVEMBER									
YEAR 2011		170	171	172	173	174	175	176			
YEAR 2012		0	0	0	0	0	0	0			
YEAR 2013											
YEAR 2014											

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===== SEASON 11 NOVEMBERBRR =====
THERMAL UNIT          IGCC OH      FC_UL_OH      NUKE OH      RPID_03      RPID_04      RPID_08      RPID_20
-----
YEAR 2011             177          178          179          181          182          183          184
SEASONAL HEAT RATE   1           1           1           1           1           1           1
PROFILE              0           0           0           0           0           0           0
----- YEAR 2012 -----
  
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.



REP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 11 NOVEMBER	177	178	179	181	182	183	184
YEAR 2013	IGCC OH	1						
YEAR 2014	PC_UL_OH		1					
YEAR 2015				NUKE OH	RP1D_03	RP1D_04	RP1D_08	RP1D_20
YEAR 2016					1	1	1	1
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
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YEAR 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	186	187	188	189	190	191	223
SEASONAL HEAT RATE PROFILE	RP1TR_1M	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								
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
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
MR_STKR2	224	1												
AMS3_SI	228	3												
BS2_SI	229	2												
MRS_CF	230	5												
MRS_SI	231	5												
RPT1_CF	232	1												
RPT2_CF	233	2												

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.

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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	

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

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THERMAL UNIT SEASON 11 NOVEMBER  
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RPT1_SI	234	RPT2_SI	235	DC1_HFT	251	DC1_IS	252	DC1_BFF	253	DC1_I7	254	DC1_3800	255
1		2		1		1		1		1		1	

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YEAR 2011 -----  
SEASONAL HEAT RATE PROFILE  
YEAR 2012 -----  
YEAR 2013 -----  
YEAR 2014 -----  
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YEAR 2037 -----  
YEAR 2038 -----

YEAR 2039	YEAR 2040	SEASON 11 NOVEMBER						
THERMAL UNIT		DC2_HPT	DC2_EFF	DC2_SFU	DC2_3800	BIGSD_I5	BIGSD_GP	CIN_Q_MM
SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	257	258	259	260	269	270	271
		2	2	2	2	1	1	1
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							

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



----- YEAR 2018 -----  
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THERMAL UNIT	SEASON 11 NOVEMBER					
	KMR_F_GP	286				
		2				
	KMR_F_HM	287				
		3				
	KMR_F_GP	288				
		3				
	KWA_1_HM	289				
		1				
	KWA_1_I15	290				
		1				
	KWA_2_HM	291				
		2				
	KWA_2_I15	292				
		2				
-----		0				
-----		0				
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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 = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 11 NOVEMBER	286	287	288	289	290	291	292
YEAR 2016	KWR_F_GP 2	KWR_F_HM 3	KMR_F_GP 3	KWA_1_HM 1	KWA_1_15 1	KWA_2_HM 2	KWA_2_15 2	
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
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YEAR 2038								
YEAR 2039								
YEAR 2040								

THERMAL UNIT SEASON 11 NOVEMBER

SEASONAL HEAT RATE PROFILE	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							
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YEAR 2028							
YEAR 2029							





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 11 NOVEMBER									
	M4HM_12	PICWY_5	PICWY_5	PICWY_GP	SP1_F_HM	SP1_F_HM	SP1_F_15	SP2_F_HM	SP2_F_15	SP2_F_15
	4	5	5	5	1	1	1	2	2	2
YEAR 2028										
YEAR 2029										
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									
	SP3_Q_HM	SP3_Q_15	SP4_Q_HM	SP4_Q_15	SP5_HM	SP5_15	TNR_F_HM			
	3	3	4	4	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										
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YEAR 2024										
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YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON 11 NOVEMBER									
	314	315	316	317	318	319	320			
YEAR 2011										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
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YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

4-Company Base 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.

REP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.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											
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											

THERMAL UNIT		SEASON 11 NOVEMBER									
		961	962	963	964	965	966	967			
	CSV6_SCR	961	962	963	964	965	966	967			
YEAR 2011											
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											

SEASONAL HEAT RATE PROFILE		SEASON 11 NOVEMBER									
		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 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 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

DUPLICATE = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 11 NOVEMBER	968	969	970	971	972	973	974
YEAR 2019	CR2_NGCC 968	CRI_NGCC 969	MRS_NGCC 970	DUMMY_OP 971	DUMMY_OP 972	DUMMY_OP 973	DUMMY_OP 974	
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
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	975	976	977	978	979	980	981
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	-----								
=====										
-----	SEASON 11 NOVEMBER	-----								
=====										
-----	YEAR 2011	-----	982	983	984	985	986	987	988	
SEASONAL	HEAT RATE	PROFILE	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	
-----	YEAR 2012	-----	982	983	984	985	986	987	988	
-----	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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 11 NOVEMBER									
YEAR 2031	982	983	984	985	986	987	988			
YEAR 2032	DUMMY_OP 982	DUMMY_OP 983	DUMMY_OP 984	DUMMY_OP 985	DUMMY_OP 986	DUMMY_OP 987	DUMMY_OP 988			
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			
SEASONAL HEAT RATE PROFILE	DUMMY_OP 989	DUMMY_OP 990	DUMMY_OP 991	DUMMY_OP 992	DUMMY_OP 993	DUMMY_OP 994	DUMMY_OP 995			
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

996	997	998	999
T4_TROA	RP2TR_KP	RP2TR_TM	DUMMY_OP
996	997	998	999

SEASONAL HEAT RATE PROFILE

YEAR 2011	0	0	0	0
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----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
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----- YEAR 2030 -----  
----- YEAR 2031 -----  
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----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- 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													
	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 5	BIG SAND 6	CARD 1+2 7	AMOS 8	AMOS 9	AMOS_OP 10	BECKJORD 11	BIG SAND 12	BIG SAND 13	CARD 1+2 14
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														
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YEAR 2028														
YEAR 2029														
YEAR 2030														
YEAR 2031														
YEAR 2032														
YEAR 2033														
YEAR 2034														
YEAR 2035														
YEAR 2036														
YEAR 2037														
YEAR 2038														
YEAR 2039														
YEAR 2040														

THERMAL UNIT SEASON 12 DECEMBER

CARD 1+2	CARD 3	CLIFTY 1	CLIFTY 2	CLIFTY 3	CLIFTY 4	CLIFTY 5
8	9	10	11	12	13	14
2	3	1	2	3	4	5

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 -----

SEASONAL HEAT RATE PROFILE	CLIFTY 15	CLINCH R 16	CLINCH R 17	CLINCH R 18	ROCKP_KP 19	ROCKP_KP 20	CSVL 1-4 21
YEAR 2011	6	1	2	3	1	2	3
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
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 12 DECEMBER	15	16	17	18	19	20	21
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
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	22	23	24	25	26	27	28
SEASONAL HEAT RATE PROFILE								
YEAR 2011								
YEAR 2012								
SEASONAL HEAT RATE 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	HEAT RATE PROFILE	SEASON 12 DECEMBER	29	30	33	34	35	36	37
YEAR	HEAT RATE PROFILE	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA
YEAR	HEAT RATE PROFILE	5	6	1	2	3	1	2	
YEAR 2037	-----	0	0	0	0	0	0	0	
YEAR 2038	-----								
YEAR 2039	-----								
YEAR 2040	-----								
THERMAL UNIT									
SEASON 12 DECEMBER									
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	-----								

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									
YEAR 2035		29	30	33	34	35	36	37			
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT		SEASON 12 DECEMBER									
YEAR 2011		38	39	40	41	42	43	44			
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		SEASON 12 DECEMBER									
YEAR 2011		45	46	47	48	49	50	51			
YEAR 2012											
YEAR 2013											
YEAR 2014											

4-Company East Optimization

-----	YEAR 2015	-----	0	0	0	0	0	0
-----	SEASONAL HEAT RATE PROFILE	-----						
-----	YEAR 2016	-----	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 2035	-----						
-----	YEAR 2036	-----						
-----	YEAR 2037	-----						
-----	YEAR 2038	-----						
-----	YEAR 2039	-----						
-----	YEAR 2040	-----						
-----	SEASON 12 DECEMBER	-----						
-----	THERMAL UNIT	-----						
-----		-----	52	53	54	55	56	57
-----		-----	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRET_IM
-----		-----	2	3	4	5	5	1
-----	SEASONAL HEAT RATE PROFILE	-----	0	0	0	0	0	0
-----	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	SEASON 12 DECEMBER	52	53	54	55	56	57	58
	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRRT_IM	RPRUN_IM	
	2	3	4	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 12 DECEMBER  
ROCKP\_IM 59 STUART 61 STUART 62 STUART 63 STUART 64 AMOS\_AP 65 TANN 1-3 66

2 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	
YEAR 2025	
YEAR 2026	





AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT

SEASON 12 DECEMBER		SEASON 12 DECEMBER		SEASON 12 DECEMBER		SEASON 12 DECEMBER		SEASON 12 DECEMBER	
TANN 1-3	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE	DARBY
67	68	69	70	71	72	73			
2	3	4	1	1	2	3			

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

THERMAL UNIT

SEASON 12 DECEMBER

SEASON 12 DECEMBER		SEASON 12 DECEMBER		SEASON 12 DECEMBER		SEASON 12 DECEMBER		SEASON 12 DECEMBER	
CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY			
75	76	77	78	79	80	81			
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 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----

YEAR 2039	YEAR 2040	SEASON 12 DECEMBER											
THERMAL UNIT		DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1	IMBG WIN 2					
YEAR 2011	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												

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	DARBY 1	DARBY 2	DARBY 3	DARBY 4	DARBY 5
82	83	84	85	86	87	88	89	90	91
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	DRESDEN 1	DRESD2 1	NUCLEAR 1			
89	90	91	92	93	94	101			

THERMAL UNIT		SEASON 12 DECEMBER							
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
UPC_NCCS 1	PC_U1_S0 1	UPC_RCCS 1	IGC_NCCS 1	IGCC GE 1	IGC_RCCS 1	CC 2X1FB 1			
102	103	104	105	106	107	108			

----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- 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 2x1FA	CC 1x17H	BS2_CC	CM GETFA	CM_GBTBA	BS2_FGD	BS1_FGD
YEAR 2011	109	110	111	114	115	124	125
YEAR 2012	0	0	183	0	0	0	0
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 12 DECEMBER	109	110	111	114	115	124	125
	CC 2x1FA	CC 1x17H	BS2_CC	CT GETFA	CT_GETFA	BS2_FGD	BS1_FGD	
YEAR 2016	1	1	1	1	1	1	2	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								

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

THERMAL UNIT	SEASON 12 DECEMBER	126	127	129	130	131	132	133
	CSV5_SCR	CSV6_SCR	CR1_NGCC	CR2_NGCC	MRS_NGCC	MR5_FGD	RPLD_IM	
YEAR 2011	5	6	1	2	5	5	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								

----- 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	HEAT RATE PROFILE	RP2D_IM	TANA_FGD	RPLD_KP	RP2D_KP	TC4_ESP	A390% AP	A390%OP
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		134	135	136	137	144	145	146
YEAR 2011	0	2	4	1	2	4	3	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								

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.

-----	YEAR 2028	-----	YEAR 2029	-----	YEAR 2030	-----	YEAR 2031	-----	YEAR 2032	-----	YEAR 2033	-----	YEAR 2034	-----	YEAR 2035	-----	YEAR 2036	-----	YEAR 2037	-----	YEAR 2038	-----	YEAR 2039	-----	YEAR 2040	
THERMAL UNIT	134	TAN4_FGD	135	RPID_KP	136	RP2D_KP	137	TC4_ESP	144	A390% AP	145	A390%OP	146													
SEASON 12 DECEMBER	RP2D_TM 2																									
-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		
SEASONBL HEAT RATE PROFILE	0	SEASONBL HEAT RATE PROFILE	45	SEASONBL HEAT RATE PROFILE	0	SEASONBL HEAT RATE PROFILE	0	SEASONBL HEAT RATE PROFILE	0	SEASONBL HEAT RATE PROFILE	0	SEASONBL HEAT RATE PROFILE	0	SEASONBL HEAT RATE PROFILE	0	SEASONBL HEAT RATE PROFILE	0	SEASONBL HEAT RATE PROFILE	0	SEASONBL HEAT RATE PROFILE	0	SEASONBL HEAT RATE PROFILE	0	SEASONBL HEAT RATE PROFILE	0	SEASONBL HEAT RATE PROFILE
-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		
YEAR 2011	147	RP11_90%	148	RP12_90%	149	GV1_90%	150	GV2_90%	151	MTN_18%	153	CC_PA_KP	154													
MIN_90%	1																									
-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		-----		
YEAR 2012	0	YEAR 2013	0	YEAR 2014	45	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																					

4-Company Base Optimization

SEASONAL HEAT RATE PROFILE	155	156	157	158	159	160	161
YEAR 2011	CT_OHIO	CC_OH	CT_I&M	CC_I&M	CT_ARCO	CC_ARCO	CT_KRCCO
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

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 12 DECEMBER									
YEAR 2039	155	156	157	158	159	160	161	162	163	164	165
YEAR 2040	155	156	157	158	159	160	161	162	163	164	165
	CT_OHIO	CC_OH	CT_1&M	CC_1&M	CT_APCO	CC_APCO	CT_KPCO	CC_KPCO	BS2_FGD	BS2_FGD	BS2_FGD
	1	1	1	1	1	1	1	1	1	5	22

THERMAL UNIT		SEASON 12 DECEMBER									
YEAR 2011	170	171	172	173	174	175	176	177	178	179	180
YEAR 2012	170	171	172	173	174	175	176	177	178	179	180
YEAR 2013	170	171	172	173	174	175	176	177	178	179	180
YEAR 2014	170	171	172	173	174	175	176	177	178	179	180
YEAR 2015	170	171	172	173	174	175	176	177	178	179	180
YEAR 2016	170	171	172	173	174	175	176	177	178	179	180
YEAR 2017	170	171	172	173	174	175	176	177	178	179	180
YEAR 2018	170	171	172	173	174	175	176	177	178	179	180
YEAR 2019	170	171	172	173	174	175	176	177	178	179	180
YEAR 2020	170	171	172	173	174	175	176	177	178	179	180
YEAR 2021	170	171	172	173	174	175	176	177	178	179	180
YEAR 2022	170	171	172	173	174	175	176	177	178	179	180
YEAR 2023	170	171	172	173	174	175	176	177	178	179	180
YEAR 2024	170	171	172	173	174	175	176	177	178	179	180
YEAR 2025	170	171	172	173	174	175	176	177	178	179	180
YEAR 2026	170	171	172	173	174	175	176	177	178	179	180
YEAR 2027	170	171	172	173	174	175	176	177	178	179	180
YEAR 2028	170	171	172	173	174	175	176	177	178	179	180
YEAR 2029	170	171	172	173	174	175	176	177	178	179	180
YEAR 2030	170	171	172	173	174	175	176	177	178	179	180
YEAR 2031	170	171	172	173	174	175	176	177	178	179	180
YEAR 2032	170	171	172	173	174	175	176	177	178	179	180
YEAR 2033	170	171	172	173	174	175	176	177	178	179	180
YEAR 2034	170	171	172	173	174	175	176	177	178	179	180
YEAR 2035	170	171	172	173	174	175	176	177	178	179	180
YEAR 2036	170	171	172	173	174	175	176	177	178	179	180
YEAR 2037	170	171	172	173	174	175	176	177	178	179	180
YEAR 2038	170	171	172	173	174	175	176	177	178	179	180
YEAR 2039	170	171	172	173	174	175	176	177	178	179	180
YEAR 2040	170	171	172	173	174	175	176	177	178	179	180

THERMAL UNIT		SEASON 12 DECEMBER									
YEAR 2011	170	171	172	173	174	175	176	177	178	179	180
YEAR 2012	170	171	172	173	174	175	176	177	178	179	180
YEAR 2013	170	171	172	173	174	175	176	177	178	179	180
YEAR 2014	170	171	172	173	174	175	176	177	178	179	180
YEAR 2015	170	171	172	173	174	175	176	177	178	179	180
YEAR 2016	170	171	172	173	174	175	176	177	178	179	180
YEAR 2017	170	171	172	173	174	175	176	177	178	179	180
YEAR 2018	170	171	172	173	174	175	176	177	178	179	180
YEAR 2019	170	171	172	173	174	175	176	177	178	179	180

SEASONAL HEAT RATE PROFILE		SEASON 12 DECEMBER									
YEAR 2011	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0	0	0	0	0
YEAR 2019	0	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 -----

-----	-----	-----	-----	-----	-----	-----
SEASONAL HEAT RATE	SEASON 12	DECEMBER	-----	-----	-----	-----
YEAR 2011	177	178	179	181	182	183
YEAR 2012	1	1	1	1	1	1
YEAR 2013	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0
YEAR 2017	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 12 DECEMBER												
YEAR 2018	IGCC OH	177	FC_UL_OH	178	NUKE OH	179	RPID_03	181	RPID_04	182	RPID_08	183	RPID_20	184
YEAR 2019														
YEAR 2020														
YEAR 2021														
YEAR 2022														
YEAR 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
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		186	187	188	189	190	191	223
YEAR	HEAT RATE	RP1TR_1M	RP2TR_1M	RP1TR_KP	RP2TR_KP	T4_TRONA	T4_TRCCR	MR_STARR
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		
SEASONAL HEAT RATE PROFILE	MR_STR2 1	AMS3_ST 3	BS2_ST 2	MRS_CF 5	MRS_ST 5	RPT1_CF 1	RPT2_CF 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 = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 12 DECEMBER												
YEAR 2030	MR_STRK2	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 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	RPT1_SI	234	RPT2_SI	235	DC1_HPR	251	DC1_IS	252	DC1_EFF	253	DC1_I7	254	DC1_3800	255
SEASONAL HEAT RATE PROFILE		1	2	1	1	1	1	1	1	1	1	1	1	
YEAR 2012		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														
YEAR 2020														
YEAR 2021														
YEAR 2022														
YEAR 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
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	DC2_HPR	257	DC2_EFF	258	DC2_SPU	259	DC2_3800	260	BIGSD_15	269	BIGSD_GP	270	CIN_Q_HM	271
		2	2	2	2	2	2	2	1	1	1	1	1	

4-Company Best 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.

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	
CLN_Q_15	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	
CLN_Q_15	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	

===== THERMAL UNIT SEASON 12 DECEMBER =====

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
GIN_5_HM	279	280	281	282	283	284	285	286	287	288	289	290	291	292
GIN_5_HM	5	5	6	6	1	1	1	1	1	1	1	1	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 12 DECEMBER -----  
 -----

SEASONAL HEAR RATE PROFILE	KMR_F_GP 286 2	KMR_F_HM 287 3	KMR_F_GP 288 3	KWA_1_HM 289 1	KWA_1_15 290 1	KWA_2_HM 291 2	KWA_2_15 292 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							

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 ----- SEASON 12 DECEMBER -----  
 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

2 3 3 1 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 -----

===== THERMAL UNIT ===== SEASON 12 DECEMBER =====  
 MSKR1\_HM 293 MSKR1\_12 294 MSKR2\_HM 295 MSKR2\_12 296 MSKR3\_GP 297 MR3HM\_12 298 MSKR4\_GP 299

1 1 2 2 3 3 4

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

YEAR	MAHM_12	PIGWY_HM	PIGWY_GP	SPI_F_HM	SPI_F_15	SP2_F_HM	SP2_F_15
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
===== SEASON 12 DECEMBER =====							
SEASONAL HEAT RATE PROFILE	300	301	302	303	304	305	306
YEAR 2011	4	5	5	1	1	2	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							

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

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										

THERMAL UNIT	SEASON 12 DECEMBER									
YEAR 2011										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										

SEASONAL HEAT RATE PROFILE	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
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013							
YEAR 2014							
YEAR 2015							



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 12 DECEMBER	500	501	502	503	958	959	960
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KPCO	RP2D_KP	RP2D_IM	
YEAR 2014	0	0	0	0	958	959	960	
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
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

961	962	963	964	965	966	967
CSV6_SCR	CSV5_SCR	DUMMY_OP	DUMMY_OP	RP1D_03	RP1D_KP	BS2_FGD
961	962	963	964	965	966	967
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 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

SEASONAL HEAT RATE PROFILE	968	969	970	971	972	973	974
	CR2_NGCC	CR1_NGCC	MR5_NGCC	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	968	969	970	971	972	973	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 = GAF.INPUT.THERMAL UNIT.

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

THERMAL UNIT	SEASON 12 DECEMBER	975	976	977	978	979	980	981
SEASONAL HEAT RATE PROFILE		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
YEAR 2011	0	975	976	977	978	979	980	981
YEAR 2012		575	576	577	578	579	580	581
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
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							
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
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 12 DECEMBER									
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			

THERMAL UNIT		SEASON 12 DECEMBER									
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_TROVA	996	997	998	999
996	996	997	998	999

SEASONAL HEAT RATE PROFILE	996	997	998	999
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 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- 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.

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	1 AMOS	1 1	2 2	3 3	4 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						
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	2	AMOS	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00

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	-----		
	3		AMOS_OP		1		3		2		3		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	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	%	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	-----						



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	BIG SAND					
	1	2	3	4		
YEAR 2011	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	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	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	8	CARD 1+2	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	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

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

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.

REP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL.UNIT.

11	CLIFTY	1	2	3	4
THERMAL UNIT					
CAPACITY SEGMENTS					
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					
12	CLIFTY	1	3	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					

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	13	CLIFTY	1	4	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	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

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	13	CLIFTY	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	CLIFTY	1	5	2	3	4
YEAR 2011							
UPPER SEG SPINNING RESERVE	8		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	15	CLIFTY	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 = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	CLINCH R					
	1	2	3	4		
YEAR 2011	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	18	CLINCH R	1	3	2	3	4
YEAR 2027							
YEAR 2028							
YEAR 2029							
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							
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.



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	18	CLINCH R	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	19	ROCKP_KP	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	20	ROCKP_KP	1	2	3	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
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	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						

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	-----		
	23		CSVL 5+6		1		5		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.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	23	CSVL 5+6	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	24	CSVL 5+6	1	6	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	25	D C COOK	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	26	D C COOK 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 CAPACITY SEGMENTS	27	GAVIN 1	1	2	3
UPPER SBG 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	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	4
YEAR 2011	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---
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	4
YEAR 2040	---	---	---	---	---	---	---



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	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 CAPACITY SEGMENTS	34	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					



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.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	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	37	KANAWHA 1	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 = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	38	KYGER	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	39	KYGER	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							





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.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	%	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	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---
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 1627



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.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						
YEAR 2027						
YEAR 2028						
YEAR 2029						
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 44 MITCHELL 1 2 3 4

YEAR 2011	%	100.00	100.00	100.00	100.00
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					



REP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.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
YEAR 2011						
UPPER SBG 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	47	MUSK_RVR	1	2	3	4
YEAR 2040						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	48	MUSK RVR 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

49	MUSK RVR 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					





REP 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 SPOBN	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	52	P SPOBN	1	2	3	4
YEAR 2040						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	53	P	SPORN	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	54	P	SPORN	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 = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	55	P	SPGRN	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	-----							

56 THERMAL UNIT PTCWAY 1 5 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	-----
YEAR 2027	-----
YEAR 2028	-----
YEAR 2029	-----
YEAR 2030	-----
YEAR 2031	-----
YEAR 2032	-----
YEAR 2033	-----
YEAR 2034	-----
YEAR 2035	-----
YEAR 2036	-----
YEAR 2037	-----
YEAR 2038	-----
YEAR 2039	-----
YEAR 2040	-----

57 THERMAL UNIT RPRET\_IM 1 1 2 3 4  
CAPACITY SEGMENTS



AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	58	REPRUN_TM	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						
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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_TM	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 SRGMENTS	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							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
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

UPPER SEG SPINNING RESERVE	8	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		66	TANN 1-3	1	1	
	CAPACITY SEGMENTS						
	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	-----					

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



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.

REP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	69	TANN 4	1	4	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	70	ZIMMER	1	1	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 = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	71	ROBTMONE 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	72	ROBTMONE 1	2	3	4
UPPER SEG SPINNING RESERVE	8	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					

THERMAL UNIT CAPACITY SEGMENTS	73	ROBTMONE 1	3	2	3	4



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

75	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					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

76  
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					

-----	YEAR 2027	-----				
-----	YEAR 2028	-----				
-----	YEAR 2029	-----				
-----	YEAR 2030	-----				
-----	YEAR 2031	-----				
-----	YEAR 2032	-----				
-----	YEAR 2033	-----				
-----	YEAR 2034	-----				
-----	YEAR 2035	-----				
-----	YEAR 2036	-----				
-----	YEAR 2037	-----				
-----	YEAR 2038	-----				
-----	YEAR 2039	-----				
-----	YEAR 2040	-----				
	-----					
	77					
	CEREDO					
	1	3				
	2					
	3					
	4					
	-----					
	77					
	CEREDO					
	1	3				
	2					
	3					
	4					
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	77					
	CEREDO					
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	77					
	CEREDO					
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	77					
	CEREDO					
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	77					
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	77					
	CEREDO					
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	77					
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	2					
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	77					
	CEREDO					
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	77					
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	77					
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	CEREDO					
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	77					
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	CEREDO					
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	CEREDO					
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	77					
	CEREDO					
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	77					
	CEREDO					
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	77					
	CEREDO					
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	2					
	3					
	4					
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	77					
	CEREDO					
	1	3				
	2					
	3					
	4					
	-----					
	77					
	CEREDO					
	1	3				
	2					
	3					
	4					
	-----					
	77					
	CEREDO					
	1	3				
	2					
	3					
	4					

AEP 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
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	79	CEREDO	1	5	2	3	4
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	---	---	---	---	---	---	---



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.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							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
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

THERMAL UNIT CAPACITY SEGMENTS	81	DARBY	1	1	2	3	4
YEAR 2011							
UPPER SBG 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							





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 SEG SPINNING RESERVE	%		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							



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	85	DARBY	1	5	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 86 DARBY 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 = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	87	IMBG 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	IMBG WIN	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						
YEAR 2027						
YEAR 2028						
YEAR 2029						
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	IMBG SWR	1	2	3	4
YEAR 2040						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	90	IMBG SWR	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						
YEAR 2027						
YEAR 2028						
YEAR 2029						
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

THERMAL UNIT CAPACITY SEGMENTS	91	WATR CC	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						

YEAR 2027	YEAR 2028	YEAR 2029	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													
92	92	92	92	92	92	92	92	92	92	92	92	92	92
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
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
UPPER SEG SPINNING RESERVE													
0.00	0.00	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	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024
YEAR 2025	YEAR 2026	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.

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

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	94	DRES2	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	103	PC_U1_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_RCCS 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					



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL 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						
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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	107	IGC_RCCS	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	108	CC 2X1FA 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
YEAR 2012					
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	110	CC 1x17H 1	2	3	4
YEAR 2040					

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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 2030				
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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	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						
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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	114	CT GETFA	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	115	CT_GRTBA	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						
YEAR 2011	124	BS2_FGD	1	2	3	4
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						
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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	125	BS1_FGD	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						
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YEAR 2030						
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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	126	CSV6_SCR 1	5	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						
THERMAL UNIT CAPACITY SEGMENTS	127	CSV6_SCR 1	6	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	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
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					
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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	131	MR5_NGCC 1	5	2	3	4
YEAR 2040						

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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 2028					
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 2027	-----						
-----	YEAR 2028	-----						
-----	YEAR 2029	-----						
-----	YEAR 2030	-----						
-----	YEAR 2031	-----						
-----	YEAR 2032	-----						
-----	YEAR 2033	-----						
-----	YEAR 2034	-----						
-----	YEAR 2035	-----						
-----	YEAR 2036	-----						
-----	YEAR 2037	-----						
-----	YEAR 2038	-----						
-----	YEAR 2039	-----						
-----	YEAR 2040	-----						
	-----							
	THERMAL UNIT		134	RP2D_IM	1	2	3	4
	CAPACITY SEGMENTS							
-----	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	-----						

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	134	RP2D_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	135	TAN4_FGD	1	4	2	3	4
YEAR 2011							
UPPER SEG SPINNING RESERVE	%		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	136	RP1D_KP	1	1	2	3	4
YEAR 2040							



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THEMAL UNIT CAPACITY SEGMENTS	137	RP2D_KP	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						

THEMAL UNIT  
CAPACITY SEGMENTS 144 TC4\_ESP 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						

-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	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 2020	-----					
-----	YEAR 2021	-----					
-----	YEAR 2022	-----					
-----	YEAR 2023	-----					
-----	YEAR 2024	-----					
-----	YEAR 2025	-----					
-----	YEAR 2011	-----	145	A390% AP	1	3	
-----	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	-----					

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	145	A390% AP	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	146	A390%OP	1	3	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	147	MTN_90%	1	1	2	3	4
YEAR 2040							

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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 = 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 -----						
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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	149	RPT2_90%	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	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						
YEAR 2011	151	GV2_90%	1	2	3	4
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						
YEAR 2011	153	MTN_18%	1	1	2	3
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						

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	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						
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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	155	CT_OHIO 1	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						

-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	YEAR 2029	-----					
-----	YEAR 2030	-----					
-----	YEAR 2031	-----					
-----	YEAR 2032	-----					
-----	YEAR 2033	-----					
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-----	YEAR 2035	-----					
-----	YEAR 2036	-----					
-----	YEAR 2037	-----					
-----	YEAR 2038	-----					
-----	YEAR 2039	-----					
-----	YEAR 2040	-----					
	-----						
	THERMAL UNIT		156	CC_OH	1	1	
	CAPACITY SEGMENTS						
	UPPER SEG SPINNING RESERVE		%				
-----	YEAR 2011	-----					
-----	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.



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	CF_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 -----						
----- 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 -----						

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 -----					
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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	1	2	3	4
----- YEAR 2040 -----							



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THermal UNIT CAPACITY SEGMENTS	159	CT_APCO 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						
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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	160	CC_APCO 1	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	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						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
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 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
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	164	BS2 FGD 1	22 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						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
THERMAL UNIT CAPACITY SEGMENTS	165	BS2 FGD 1	22 2	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					



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	170	NUKE_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 -----						
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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

THERMAL 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 -----						
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----- YEAR 2024 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						

-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	YEAR 2029	-----					
-----	YEAR 2030	-----					
-----	YEAR 2031	-----					
-----	YEAR 2032	-----					
-----	YEAR 2033	-----					
-----	YEAR 2034	-----					
-----	YEAR 2035	-----					
-----	YEAR 2036	-----					
-----	YEAR 2037	-----					
-----	YEAR 2038	-----					
-----	YEAR 2039	-----					
-----	YEAR 2040	-----					
-----	YEAR 2041	-----					
-----	YEAR 2042	-----					
-----	YEAR 2043	-----					
-----	YEAR 2044	-----					
-----	YEAR 2045	-----					
-----	YEAR 2046	-----					
-----	YEAR 2047	-----					
-----	YEAR 2048	-----					
-----	YEAR 2049	-----					
-----	YEAR 2020	-----					
-----	YEAR 2021	-----					
-----	YEAR 2022	-----					
-----	YEAR 2023	-----					
-----	YEAR 2024	-----					
-----	YEAR 2025	-----					
-----	YEAR 2011	-----	172	PC_UL_IM	1		
-----	UPPER SEG SPINNING RESERVE	-----	%				
-----	YEAR 2012	-----		0.00	1	2	
-----	YEAR 2013	-----					
-----	YEAR 2014	-----		0.00			
-----	YEAR 2015	-----					
-----	YEAR 2016	-----		0.00			
-----	YEAR 2017	-----					
-----	YEAR 2018	-----		0.00			
-----	YEAR 2019	-----					
-----	YEAR 2020	-----		0.00			
-----	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	172	PC_UP_IM 1	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	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 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 RP 1	1	2	3	4
YEAR 2040						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	175	PC_UL_KP 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					
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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

176

NUKE\_KP 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					

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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		177	IGCC OH	1	1	
	CAPACITY SEGMENTS						
	YEAR 2011						
UPPER	SEG SPINNING RESERVE	%					
-----	YEAR 2012	-----		0.00	1	1	
-----	YEAR 2013	-----					
-----	YEAR 2014	-----					
-----	YEAR 2015	-----		0.00	2	2	
-----	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	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	%	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	179	NUKE OH	1	2	3	4
YEAR 2040						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	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						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
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
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	183	RPID_08	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
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YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	184	RPID_20	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 2030						
YEAR 2031						
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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	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	186	RPITR_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						
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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						

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					
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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					

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	187	RP2TR_IM 1	2	3	4	
YEAR 2011						
UPPER SRG 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						
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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	1	2	3	4
UPPER SRG 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	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	-----	
	189		189		189		189		189		189		189		189		189		189		189		189		189		189		
	RP2TR_KP		RP2TR_KP		RP2TR_KP		RP2TR_KP		RP2TR_KP		RP2TR_KP		RP2TR_KP		RP2TR_KP		RP2TR_KP		RP2TR_KP		RP2TR_KP		RP2TR_KP		RP2TR_KP		RP2TR_KP		
	1		2		3		4		1		2		3		4		1		2		3		4		1		2		
	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		
	YEAR 2011		YEAR 2012		YEAR 2013		YEAR 2014		YEAR 2015		YEAR 2016		YEAR 2017		YEAR 2018		YEAR 2019		YEAR 2020		YEAR 2021		YEAR 2022		YEAR 2023		YEAR 2024		
	-----	YEAR 2025	-----	YEAR 2026	-----	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.

THERMAL UNIT CAPACITY SEGMENTS	189	RP2TR_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	190	T4_TRONA 1	4	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	8	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	191	T4_TRCCR 1	4	2	3	4
YEAR 2040						

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					
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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					

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	223	MR_STKR1 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					
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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

224	MR_STKR2 1	2	3	4
YEAR 2011				
UPPER SEG SPINNING RESERVE	%	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	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	229	BS2_SI	1	2	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							
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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	230	MRS_CF	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					
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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	231	MRS_SI	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 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT CAPACITY SEGMENTS	232	RPT1_CF	1	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							





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	233	RPT2_CF	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	234	RPT1_SI	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 SRG 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					
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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 235 RPT2\_SI 1 2 2 3 4



APP BASE  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	251	DC1_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 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- 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	252	DC1_IS	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 = CAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	253	DC1_EFP	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	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	255	DC1_3800	1	2	3	4
YEAR 2040						

4-Company Past 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					
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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					

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						
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	258	DC2_BPF	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						





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	259	DC2_SPU 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	260	DC2_3800 1	2	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						
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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	269	BIGSD_15 1	1	2	3	4
YEAR 2040						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	270	BIGSD_GP 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  
CAPACITY SEGMENTS

THERMAL UNIT CAPACITY SEGMENTS	271	CIN_Q_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					



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT CAPACITY SEGMENTS	272	CLN_Q_15	1	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	273	CLN_Q_HM	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	274	CLN_Q_15	1	2	3	4
YEAR 2040						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	275	CLN_Q_HM 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

276	CLN_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						
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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	GIN_5_HM 1	5	2	3	4
YEAR 2040						

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APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	280	GIN_5_15 1	5	2	3	4
YEAR 2011		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						
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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	281	GIN_6_HM 1	6	2	3	4
YEAR 2011		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 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					
-----					
THERMAL UNIT	282	GIN_6_15	1	6	
CAPACITY SEGMENTS			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					

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	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	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							
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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	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																													
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	285	KMR_F_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					
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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	286	KMR_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					





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.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
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						
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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	289	KWA_I_HM 1	1	2	3	4
YEAR 2040						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THEMAL UNIT CAPACITY SEGMENTS	290	KWA_1_15	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						
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YEAR 2030						
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YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THEMAL UNIT CAPACITY SEGMENTS	291	KWA_2_1M	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						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	292	KVA_2_15	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	293	MSKR1_HW	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							
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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	294	MSKR1_12	1	1	2	3	4
YEAR 2040							



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					
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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	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					

YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT	297	MSKR3_GP	3		
CAPACITY SEGMENTS		1	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					

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	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	MS3HM_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						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.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 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	301	PICMY_HM	1	5	2	3	4
UPPER SRG 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 = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	302	PICWY_GP	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	303	SPI_F_HM	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	8	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 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	304	SPI_F_15	1	2	3	4
YEAR 2040						

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 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	305	SP2_F_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					
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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	306	SP2_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					





APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.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 SRG 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						
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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	309	SP4_Q_HM 1	4	2	3	4
YEAR 2040						

1771



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	310	SP4_Q_15	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							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
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	311	SP5_HM	1	5	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	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                    313                    TNR\_F\_HM    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	-----						
YEAR 2027	-----						
YEAR 2028	-----						
YEAR 2029	-----						
YEAR 2030	-----						
YEAR 2031	-----						
YEAR 2032	-----						
YEAR 2033	-----						
YEAR 2034	-----						
YEAR 2035	-----						
YEAR 2036	-----						
YEAR 2037	-----						
YEAR 2038	-----						
YEAR 2039	-----						
YEAR 2040	-----						

THERMAL UNIT                    314                    TNR\_F\_15    1                    2                    3                    4  
CAPACITY SEGMENTS

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 = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	315	TNR_F_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					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
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					

YEAR	THERMAL UNIT CAPACITY SEGMENTS	317	TNR_F_HM	1	2	3	4
YEAR 2027							
YEAR 2028							
YEAR 2029							
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		317	TNR_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							
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	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
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	319	PW_GP_15 1	5	2	3	4
YEAR 2040						

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APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.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 = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	500	DUMMY_OP	1	0	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	0	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	%	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 CAPACITY SEGMENTS	502	DUMMY_AP	1	0	2	3	4
YEAR 2040							

1783



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	503	DDMMY_KP 0	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	958	CC_KPCO 1	958	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	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					
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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	961	CSV6_SCR 1	2	3	4
YEAR 2040					



REP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	962	CSV5_SGR 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	963	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 -----					



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	964	DUMMY_OP 964	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	965	RPID_03 965	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						
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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						

UPPER SEG SPINNING RESERVE % 100.00 100.00 100.00 100.00

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  
CAPACITY SEGMENTS

966 RPID\_KP 966

1 2 3 4



REP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	967	BSS FGD 1	967	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						
THermal UNIT CAPACITY SEGMENTS	968	CR2_NGCC 1	968	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	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	970	MR5_NGCC 1	970	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 2029						
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
YEAR 2040						



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
YEAR 2011				
UPPER SEG SPINNING RESERVE	%	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	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	975	DUMMY_OP 1 975	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	976	DUMMY_OP 1 976	2	3	4
YEAR 2040					

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					





AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	979	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						
YEAR 2011	980	DUMMY_OP	1	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	981	DUMMY_OP	1	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						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	982	DUMPR_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 -----						
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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	983	DUMPR_OP	1	2	3	4
CAPACITY SEGMENTS						
----- 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 -----						



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	984	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	985	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 2027					
YEAR 2028					
YEAR 2029					
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	2	3	4
YEAR 2040					



APP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.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 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 -----					

-----	YEAR 2027	-----				
-----	YEAR 2028	-----				
-----	YEAR 2029	-----				
-----	YEAR 2030	-----				
-----	YEAR 2031	-----				
-----	YEAR 2032	-----				
-----	YEAR 2033	-----				
-----	YEAR 2034	-----				
-----	YEAR 2035	-----				
-----	YEAR 2036	-----				
-----	YEAR 2037	-----				
-----	YEAR 2038	-----				
-----	YEAR 2039	-----				
-----	YEAR 2040	-----				
	THERMAL UNIT		989	DUMMY_OP	989	
	CAPACITY SEGMENTS			1		
-----	YEAR 2011	-----	%	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 = GAP.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	990	DUMMY_OP 1 990	2	3	4
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					
YEAR 2027					
YEAR 2028					
YEAR 2029					
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	991	DUMMY_OP 1 991	2	3	4
YEAR 2040					



REP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	992	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 2027					
YEAR 2028					
YEAR 2029					
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	993	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					

-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	YEAR 2029	-----					
-----	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	DUMM_OP	1	994	
-----	CAPACITY SEGMENTS	-----			2		3
-----	YEAR 2011	-----					4
-----	UPPER SEG SPINNING RESERVE	-----	%		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	-----					

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	994	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

995	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				

UPPER SBG 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	996	T4_TRONA 1	2	3	4
YEAR 2040					

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	997	RP2TR_KP 997	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 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
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	998	RP2TR_IM 998	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													
999	999	999	999	999	999	999	999	999	999	999	999	999	999
DURMR_OP 999													
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
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
UPPER SEG SPINNING RESERVE													
0.00	0.00	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	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024
YEAR 2025	YEAR 2026	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 = GAP.INPUT.THERMAL UNIT.

THermal UNIT CAPACITY SEGMENTS	999	DUMMY_OP	999	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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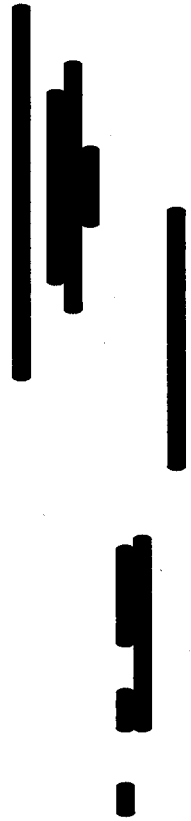
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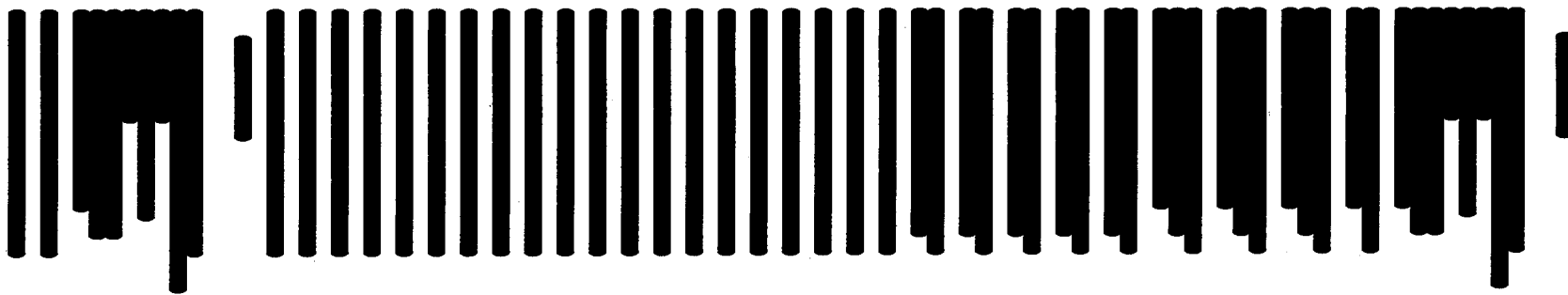
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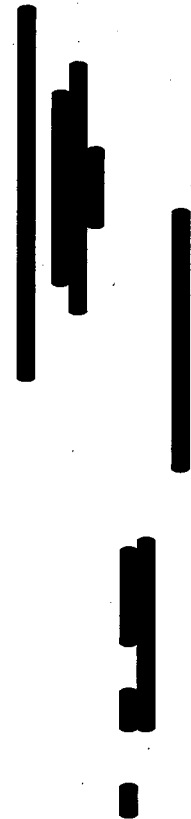


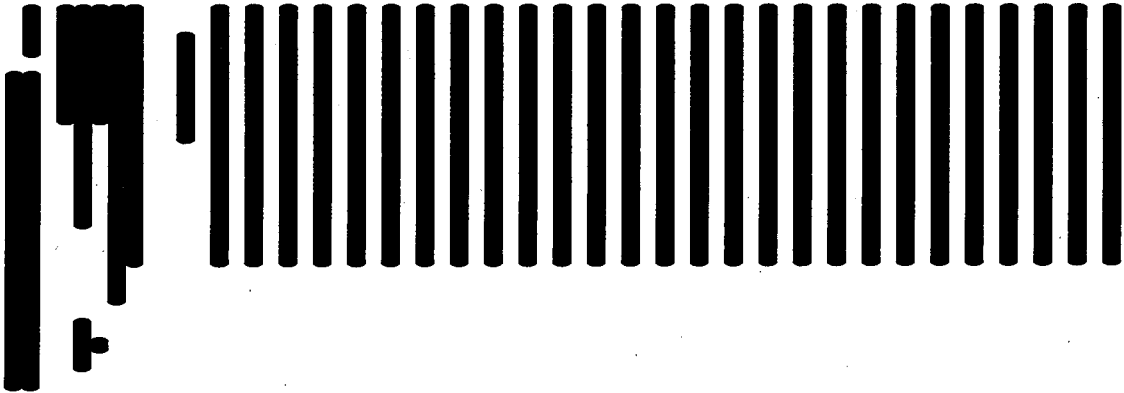
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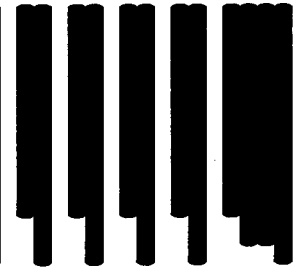
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Vertical text consisting of seven lines of characters, possibly a list or index. Each line contains two columns of characters, with the right column being slightly taller than the left. The characters are small and difficult to read.





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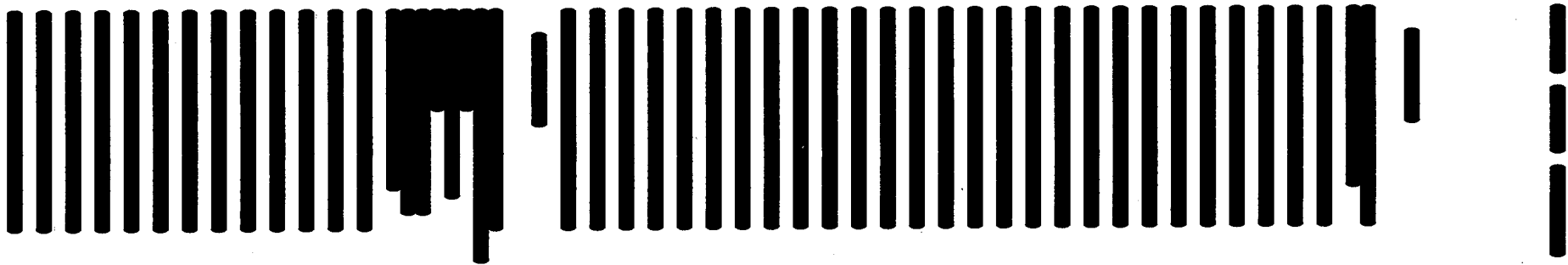
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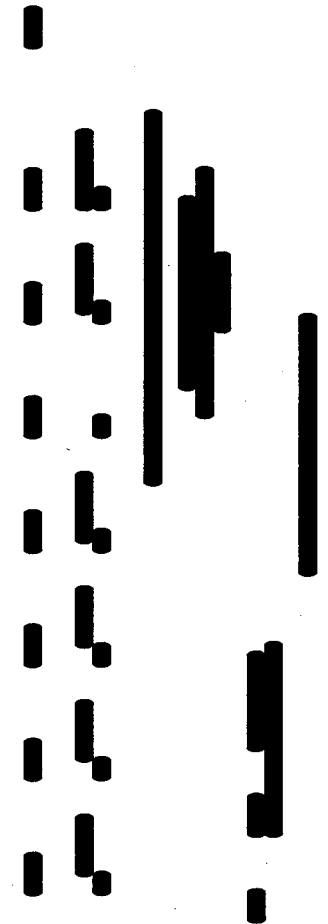
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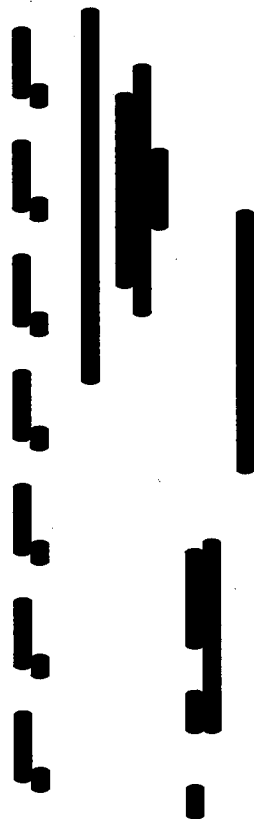
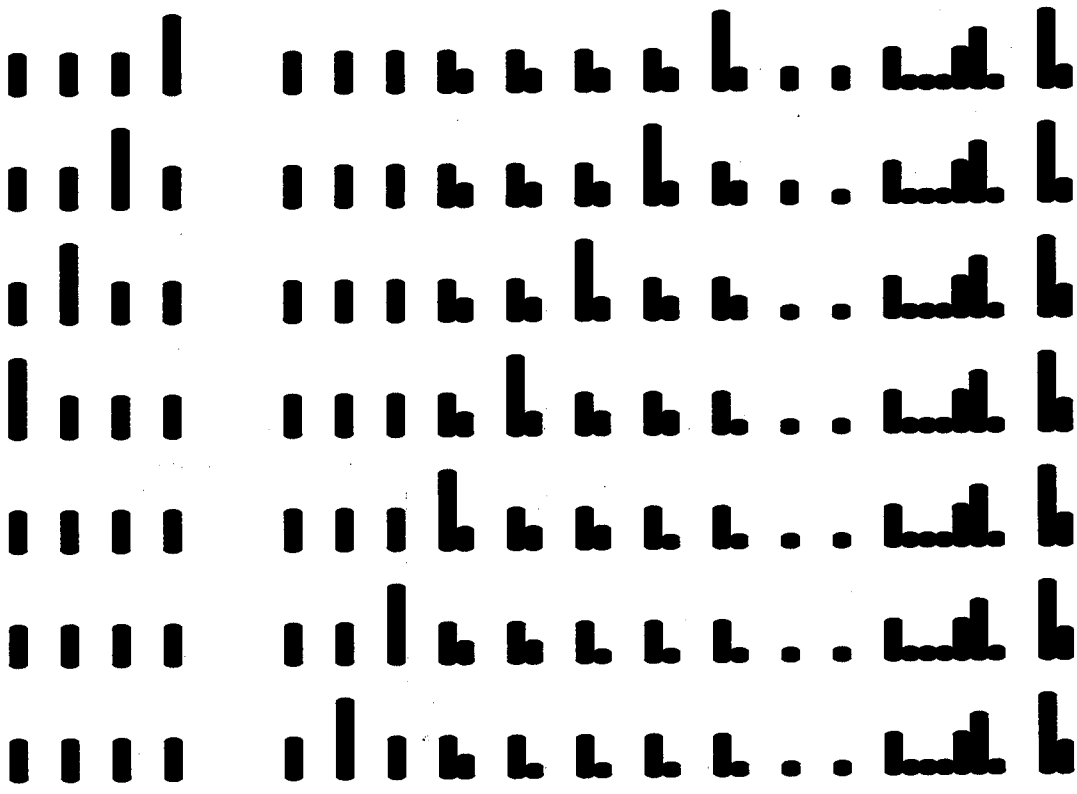






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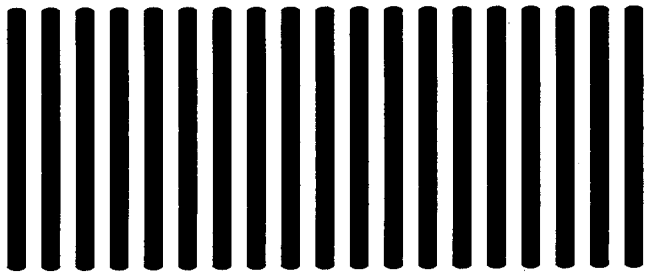
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
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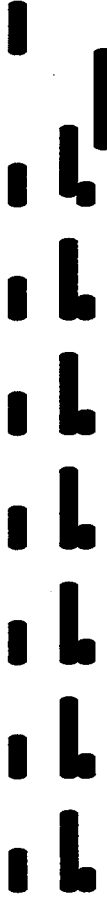
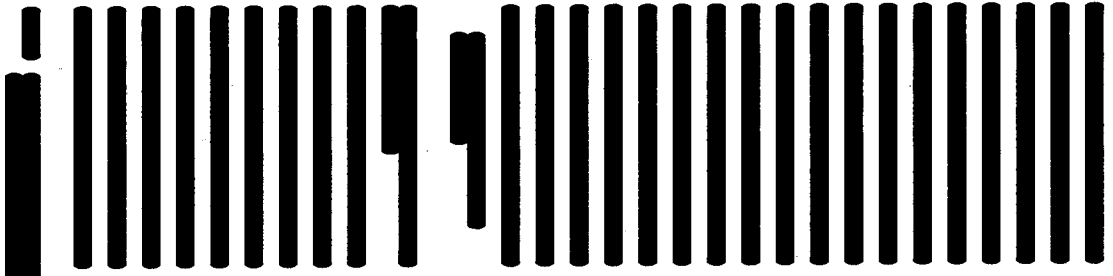


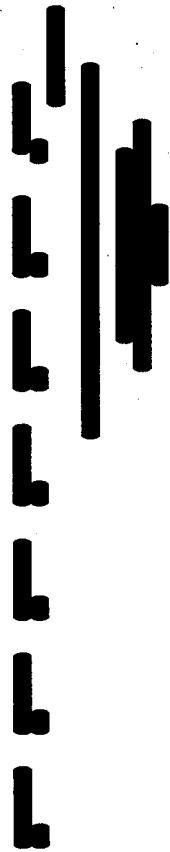
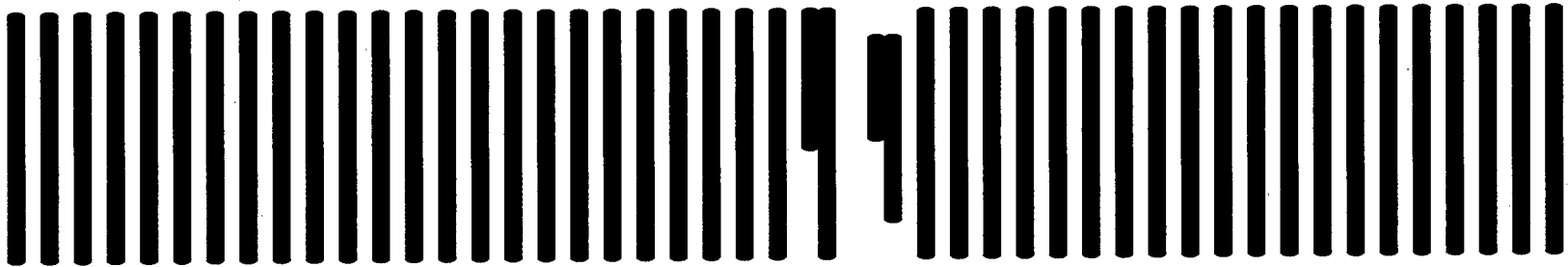
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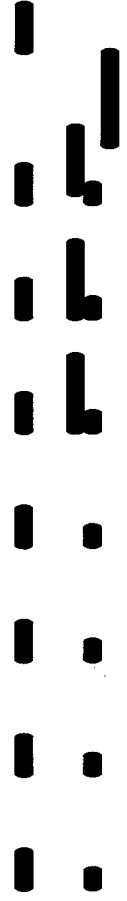
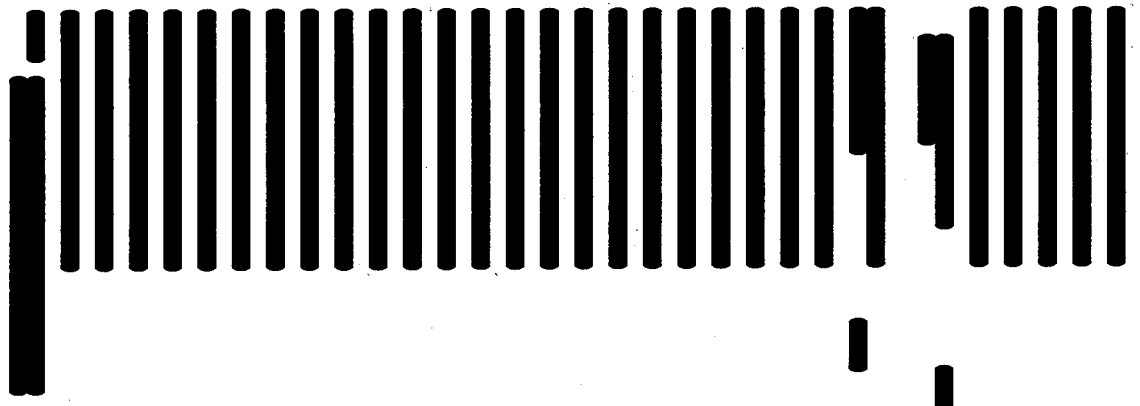
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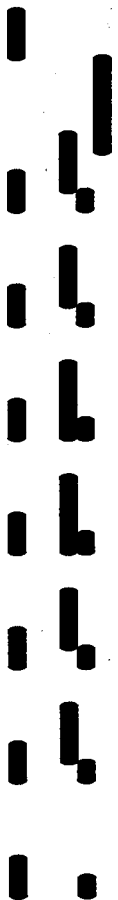
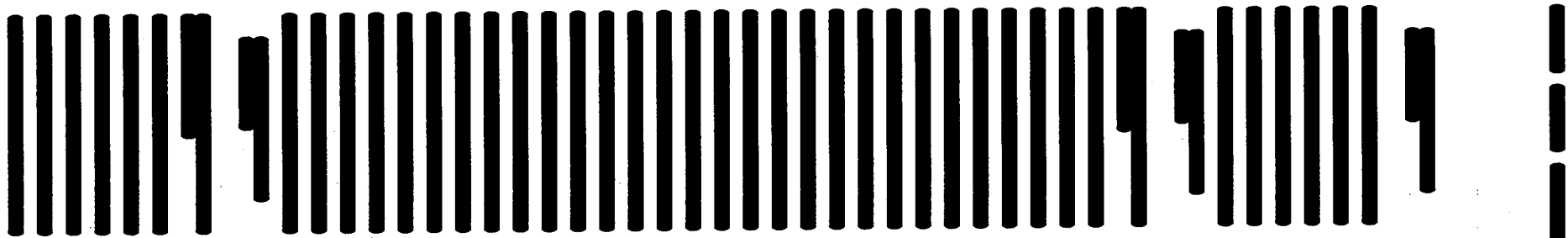


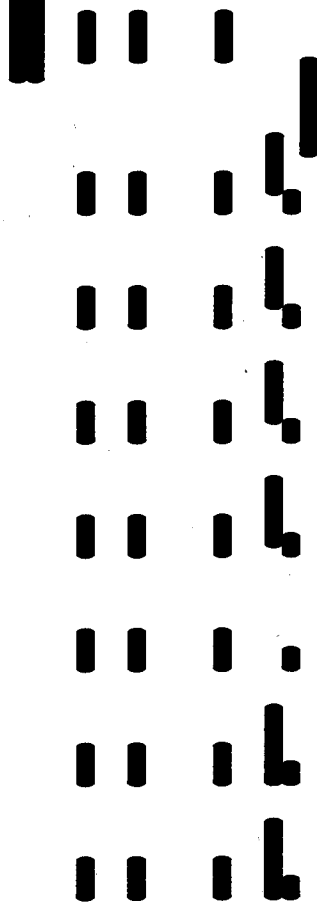
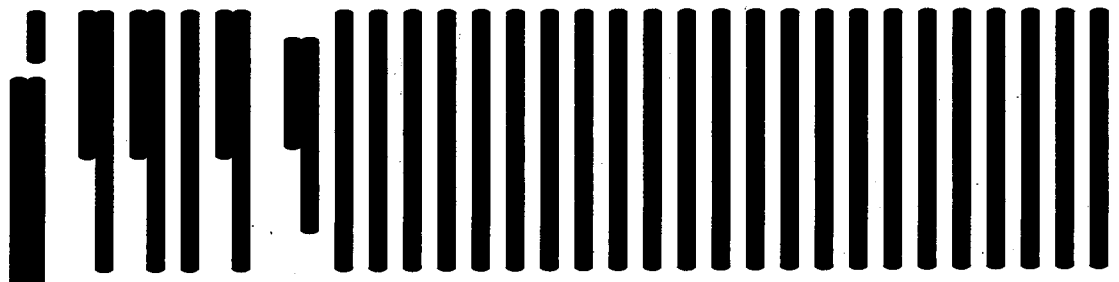


















Vertical text block consisting of a column of approximately 10 short, rectangular black bars, positioned in the center of the page.

A complex vertical text block on the right side of the page, featuring multiple columns of black bars of varying lengths and thicknesses, some appearing as thin lines and others as thicker rectangular blocks.

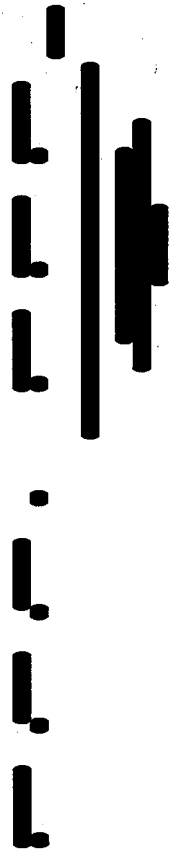
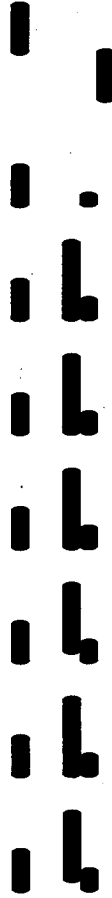
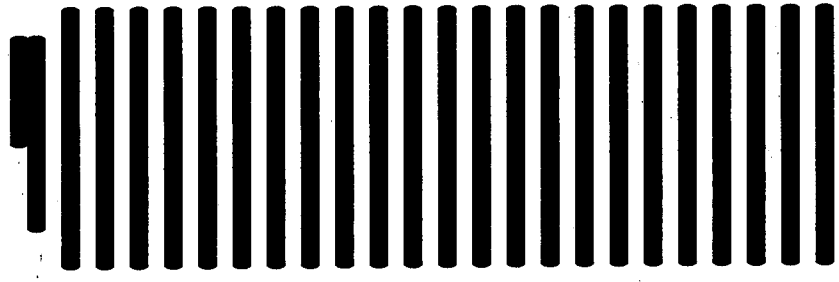
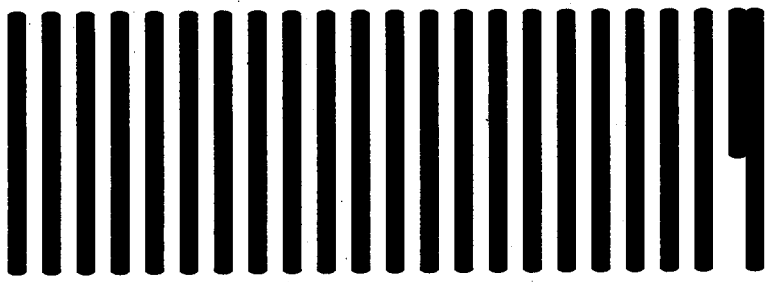
A single, short, vertical black bar located on the left side of the page.

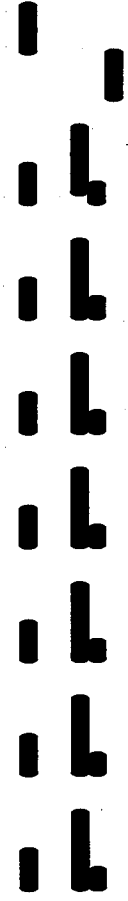


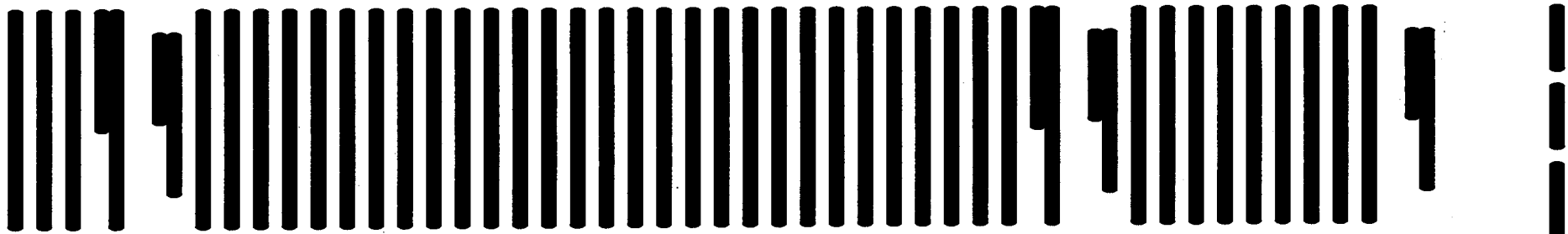








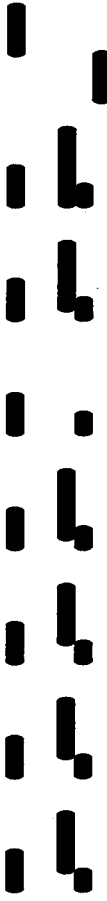
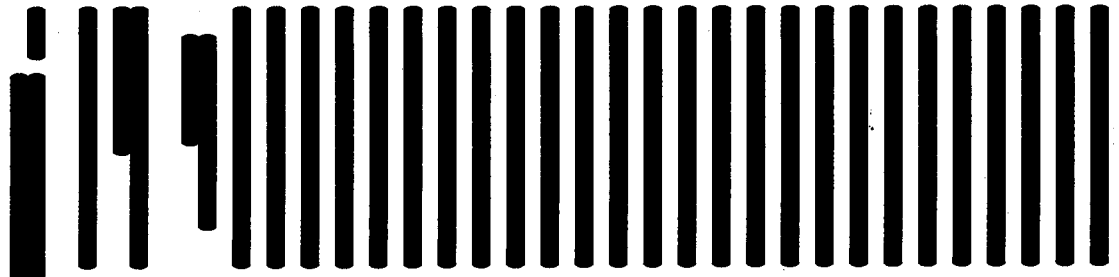


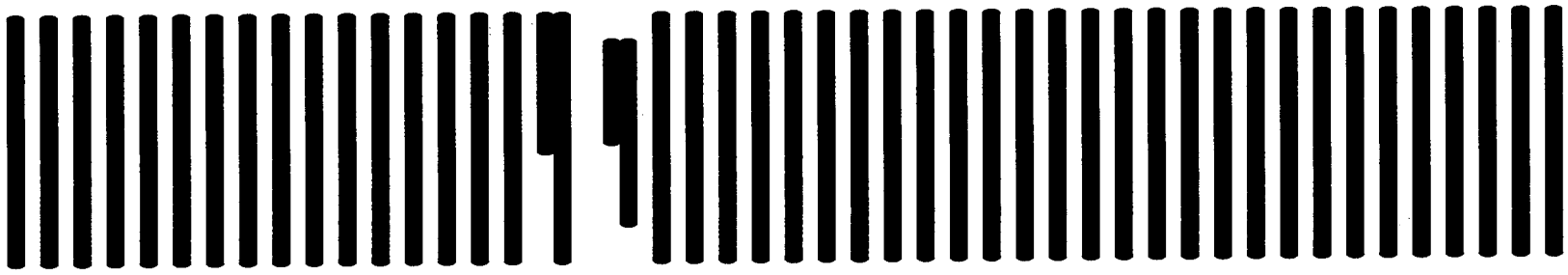


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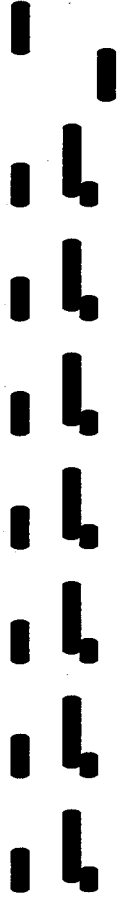
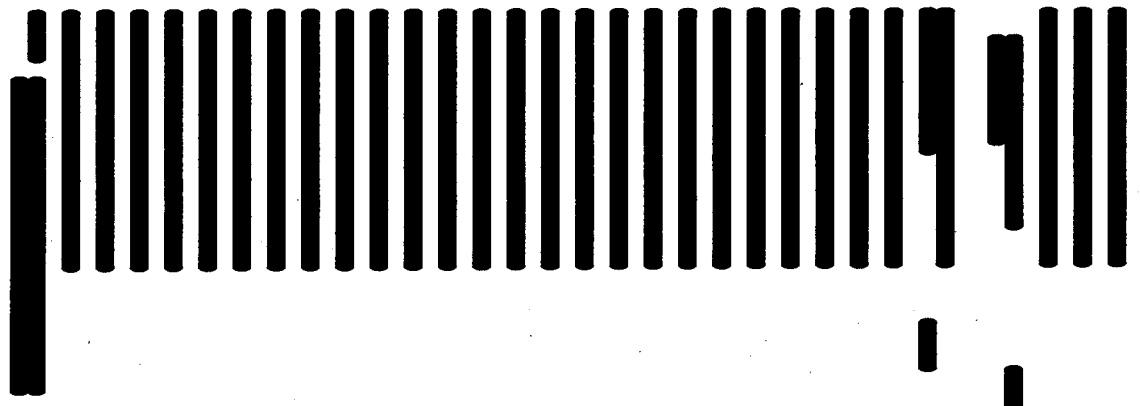




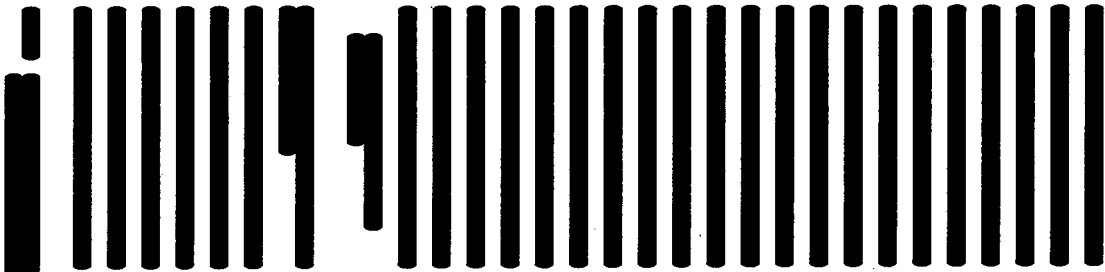


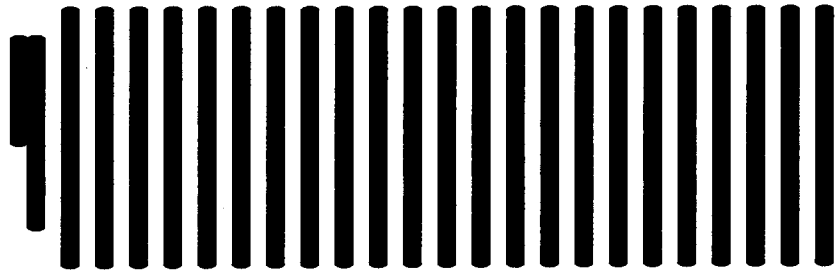
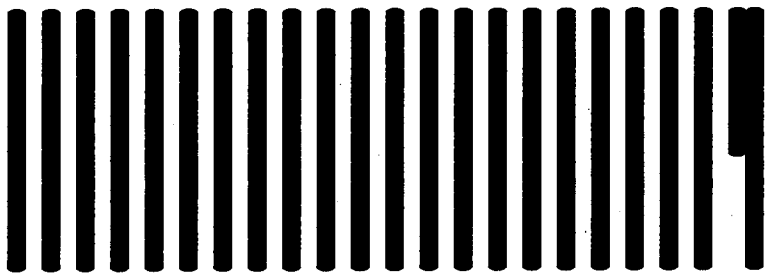










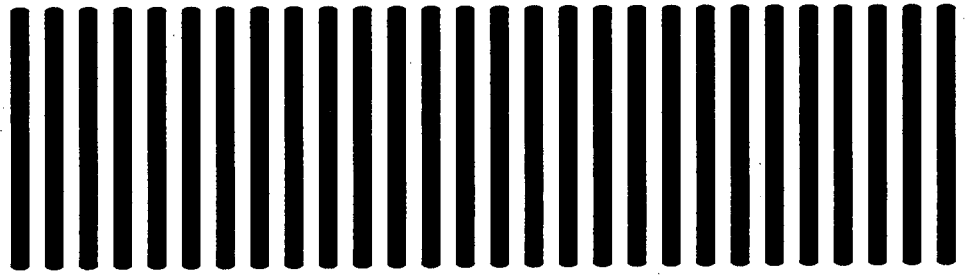


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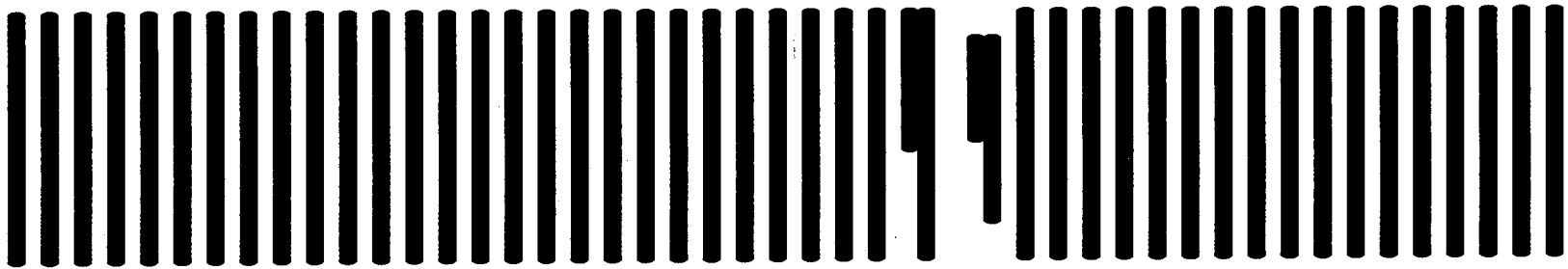




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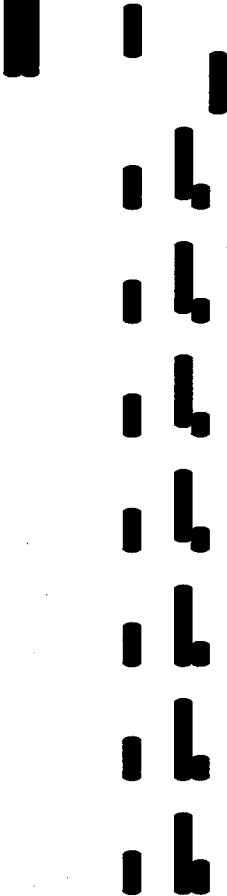
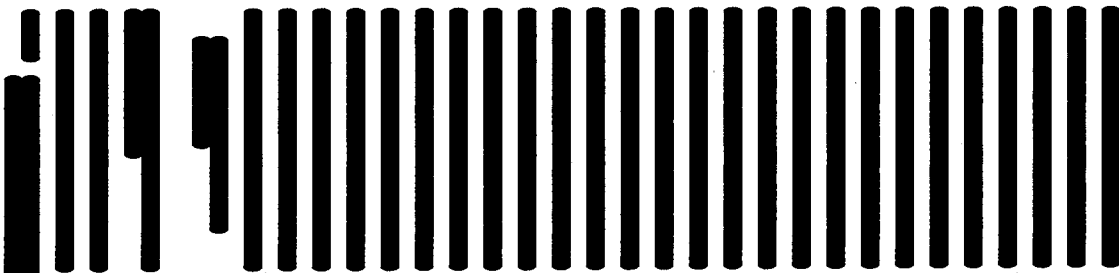
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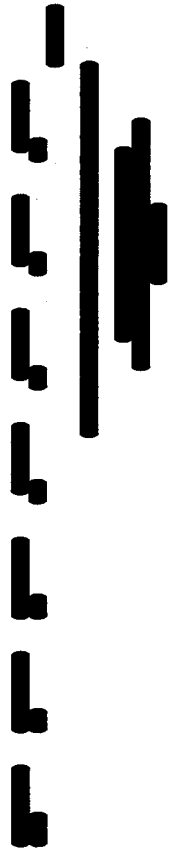
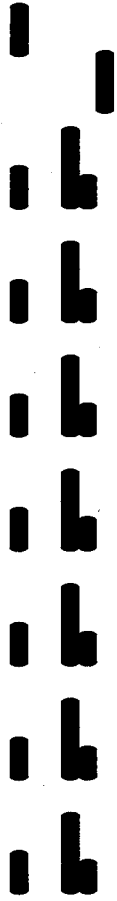
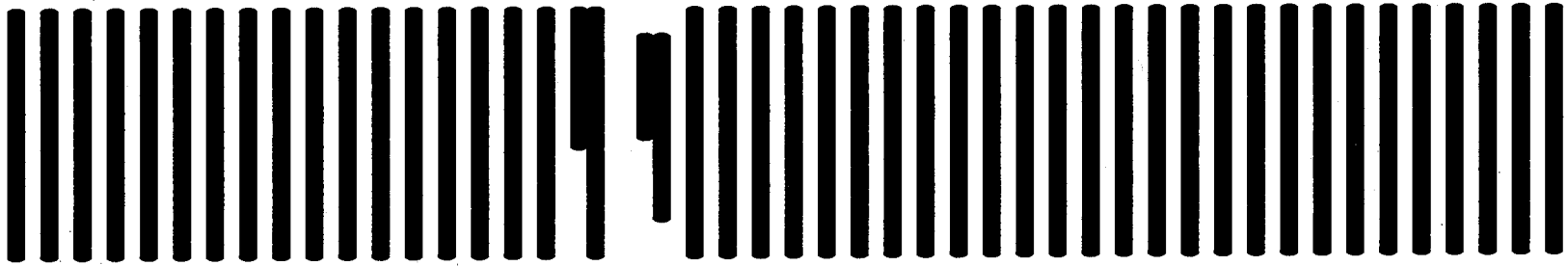
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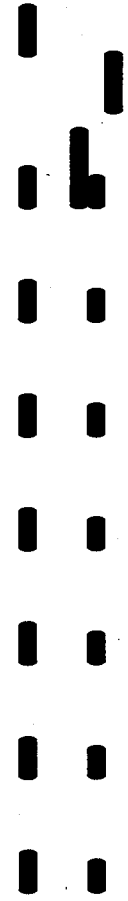
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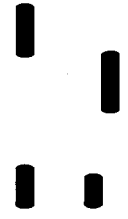
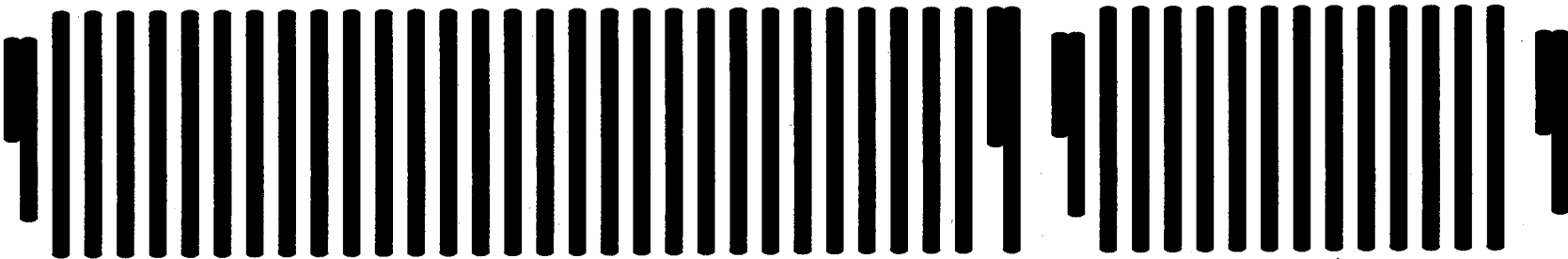
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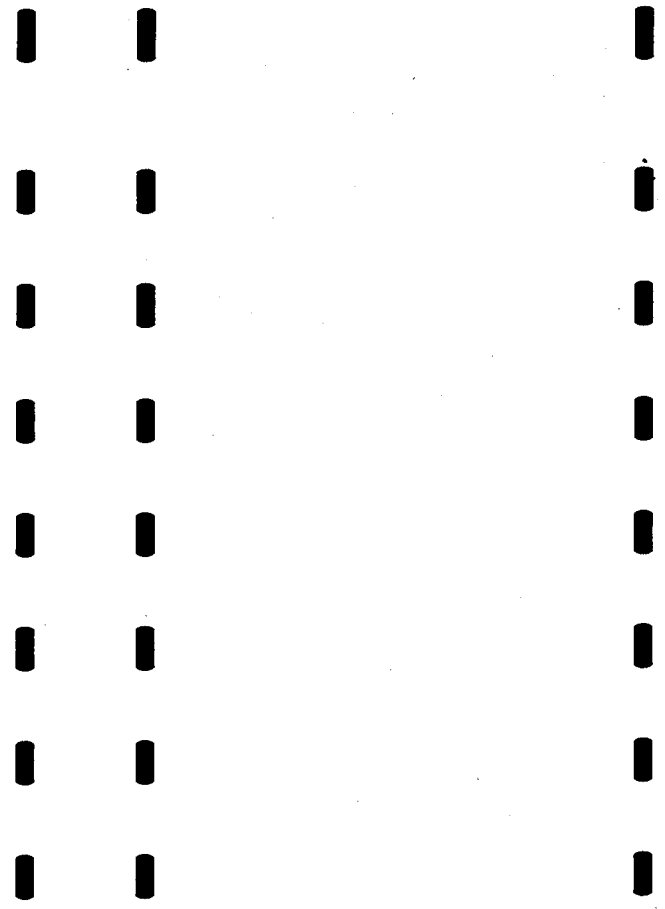
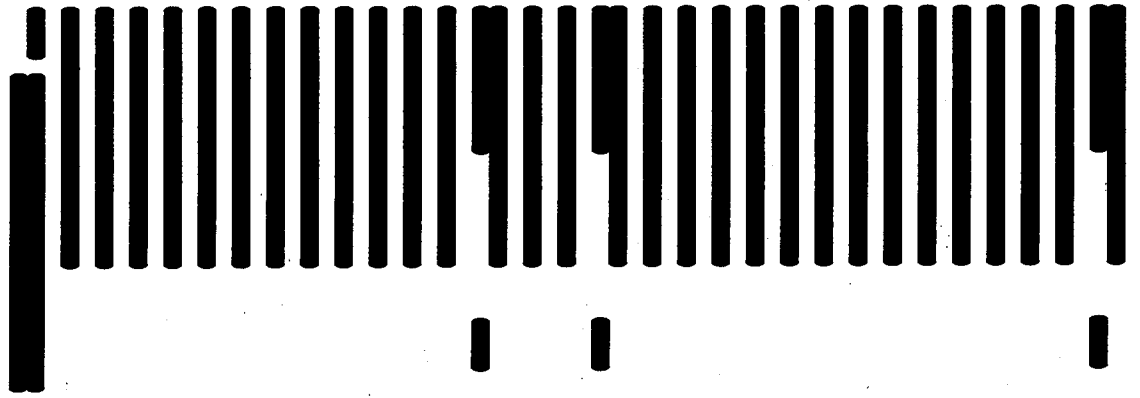










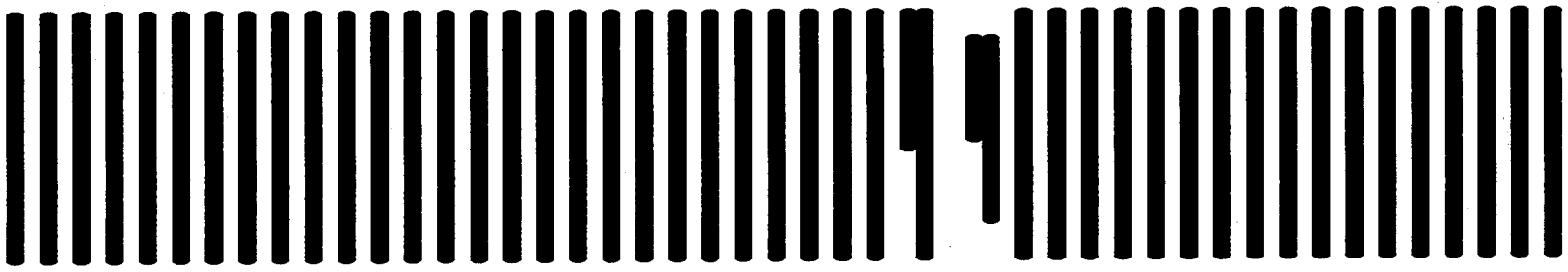


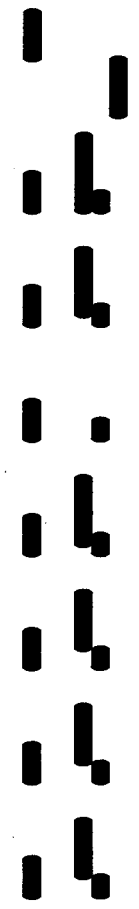
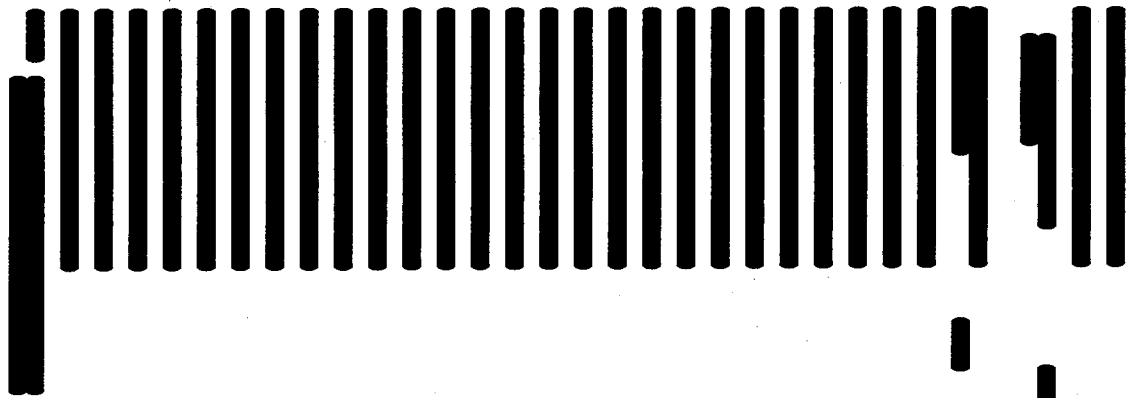


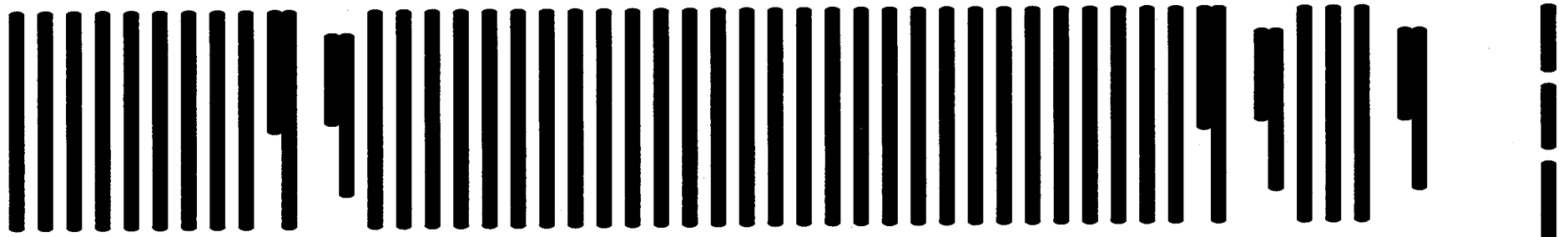


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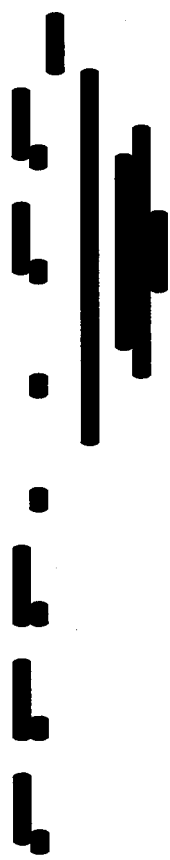
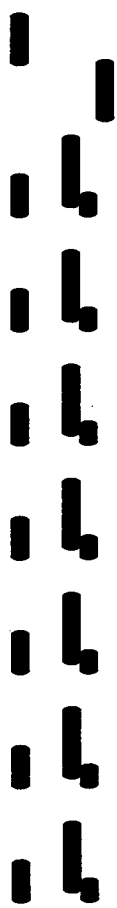




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Vertical text on the right side, consisting of several columns of small, irregular black marks and dashes, including a prominent vertical bar on the far right.





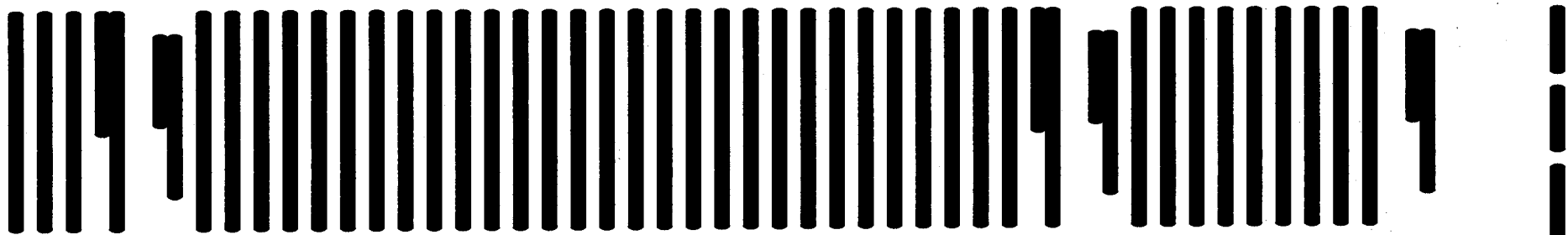




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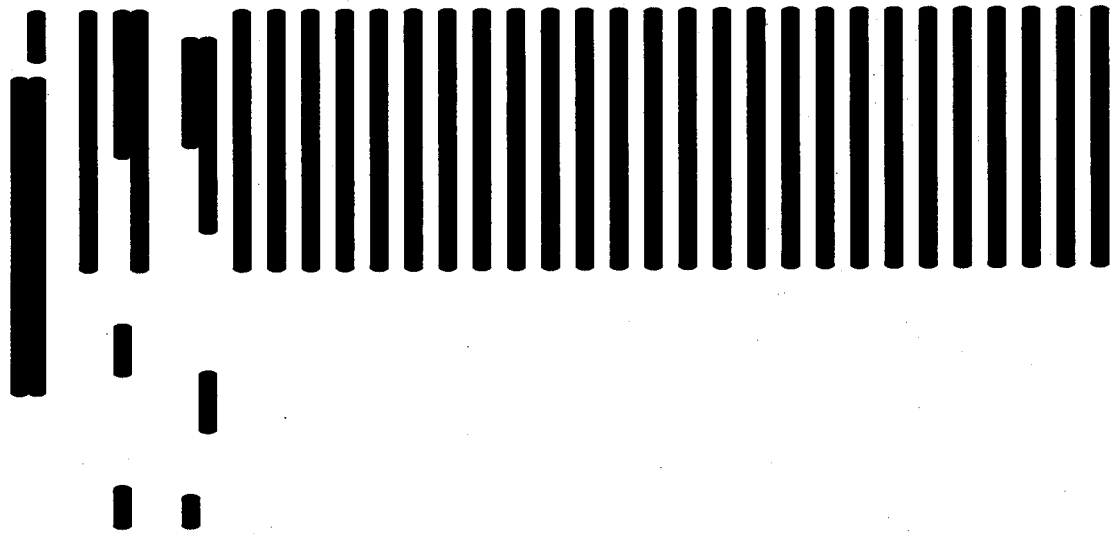
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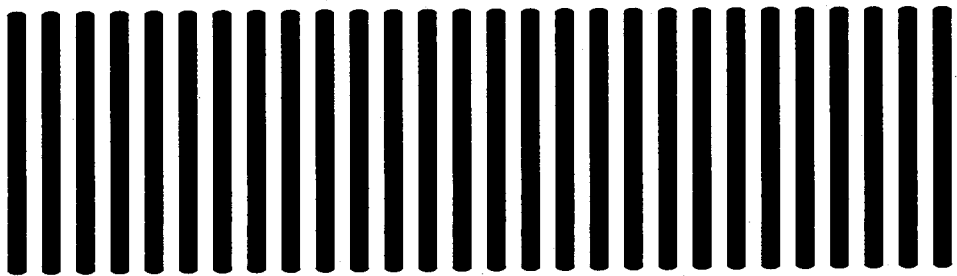


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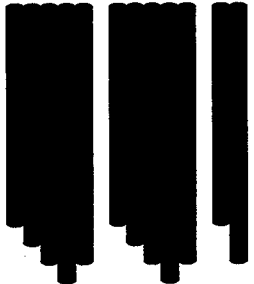
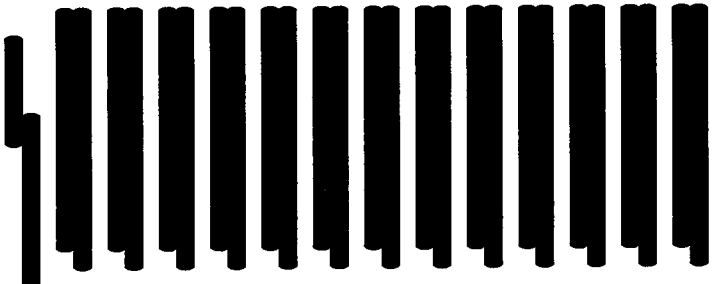
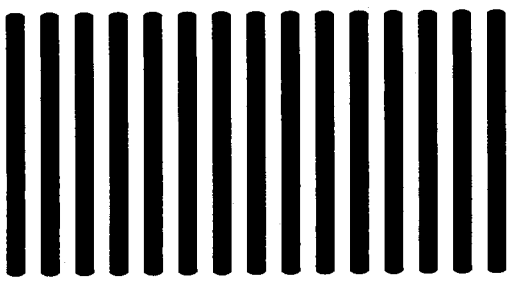
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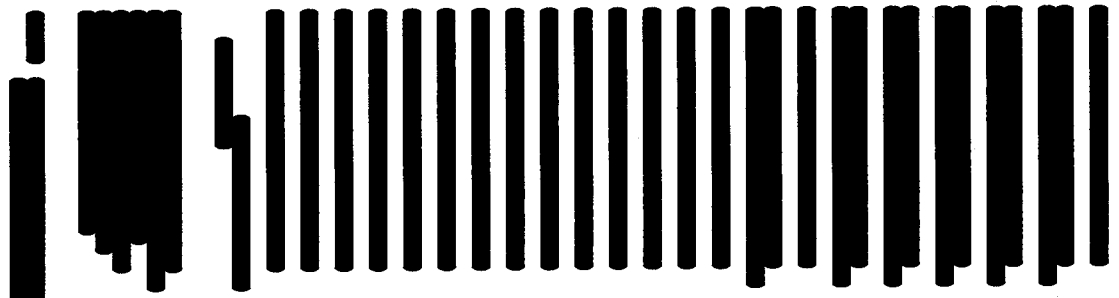
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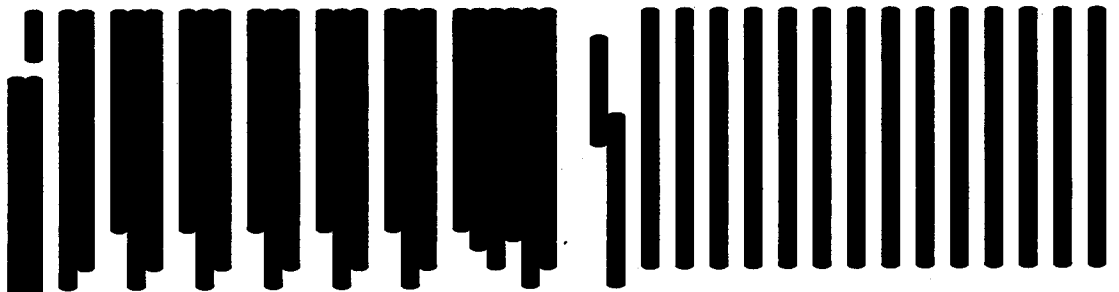
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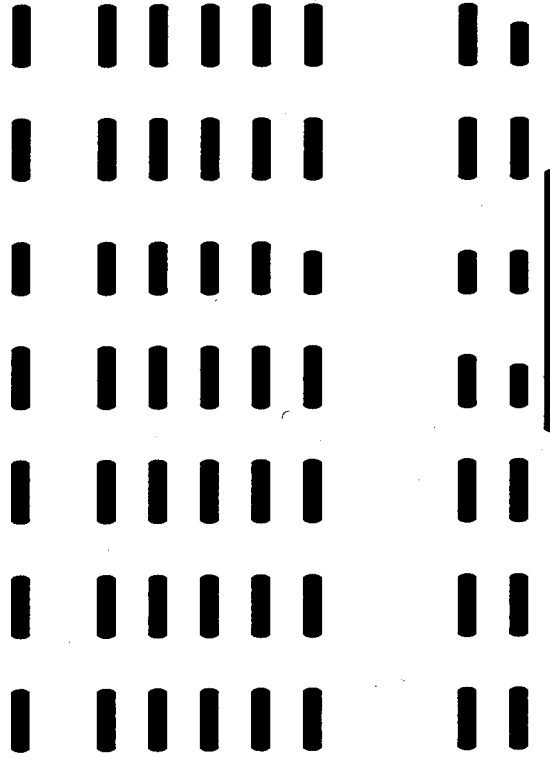
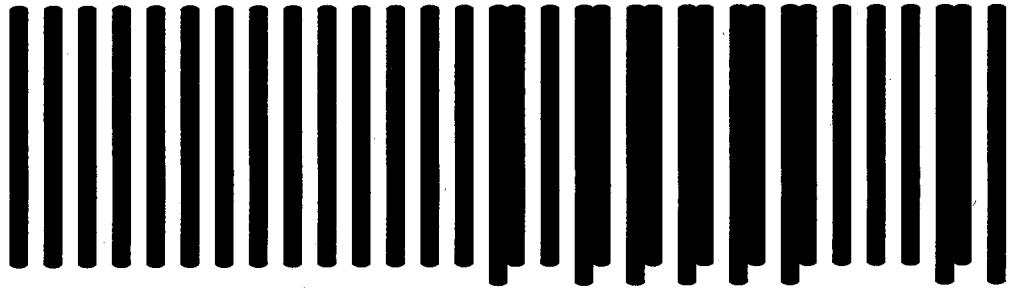
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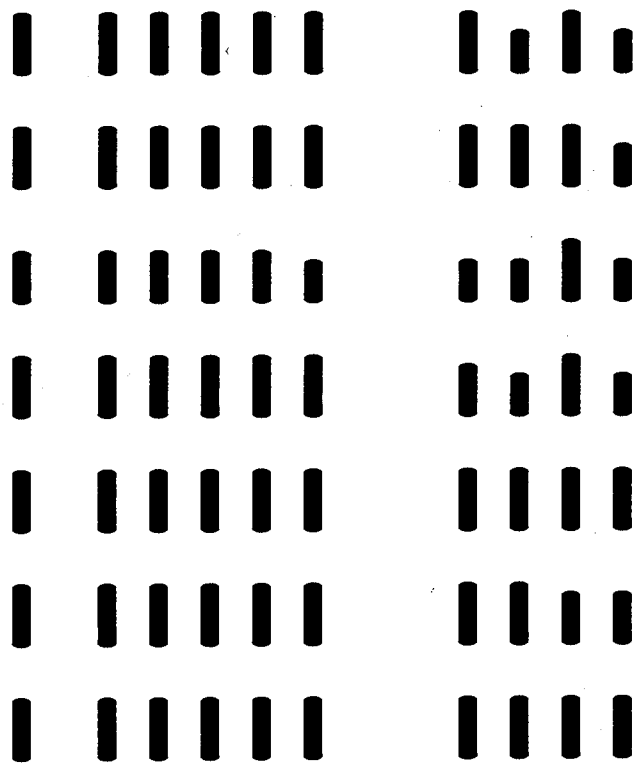
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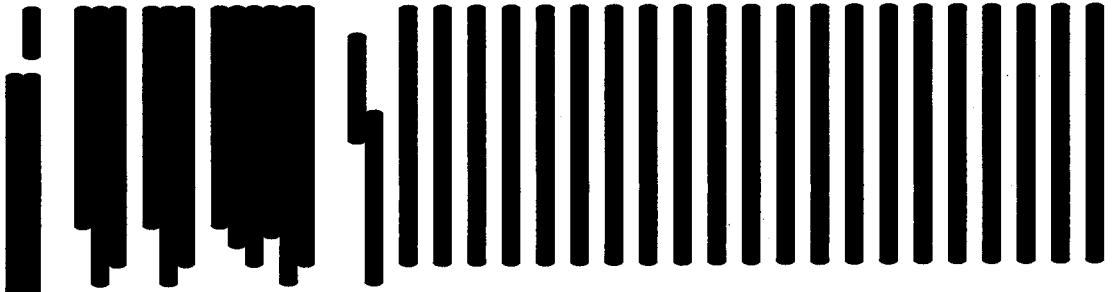
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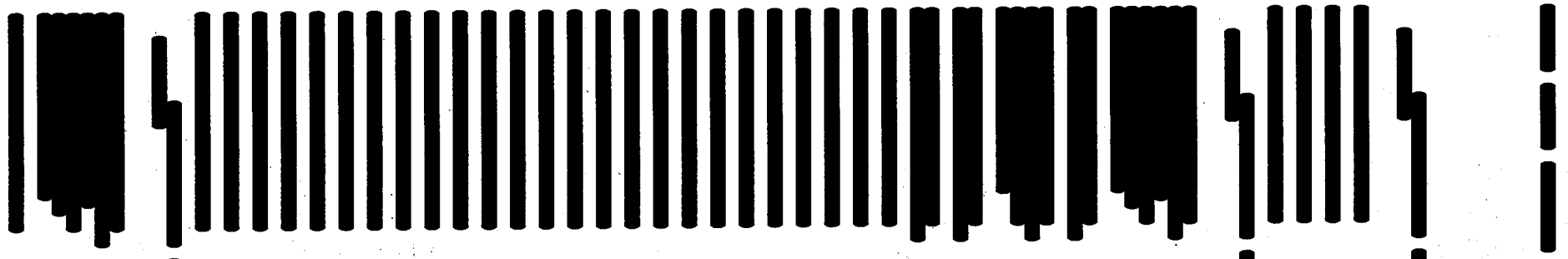
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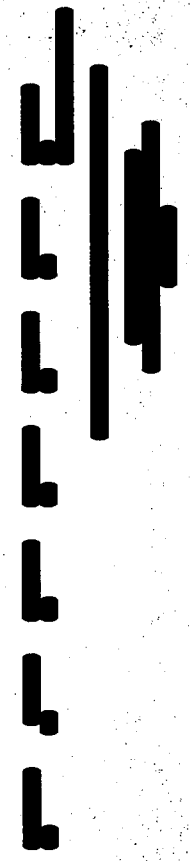
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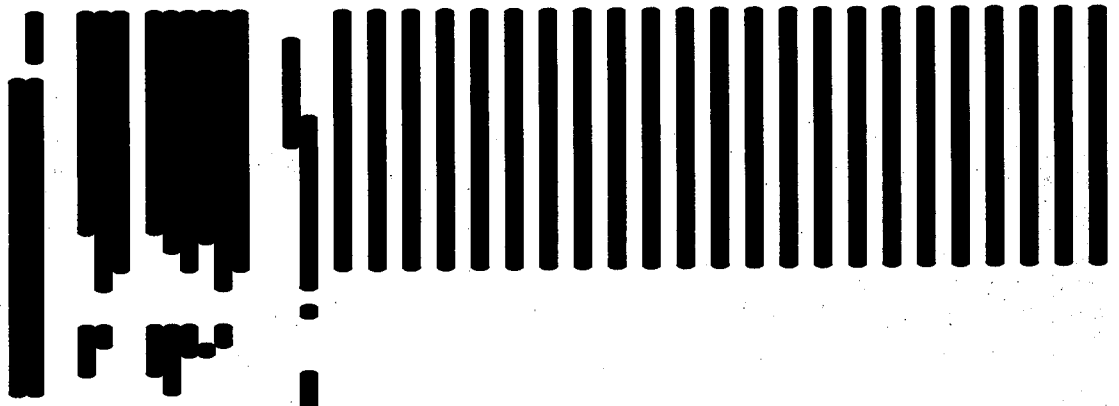
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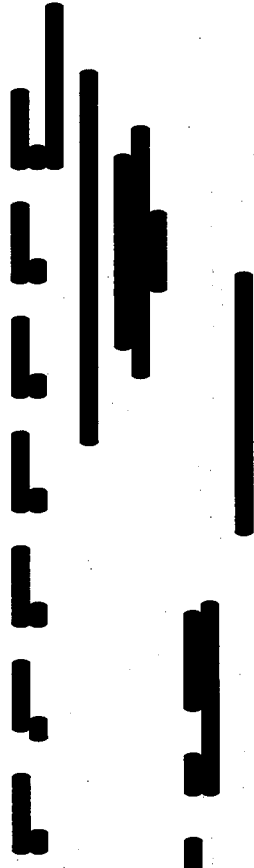
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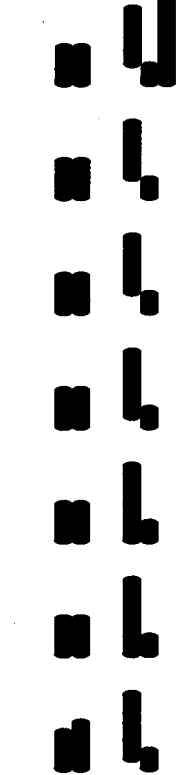
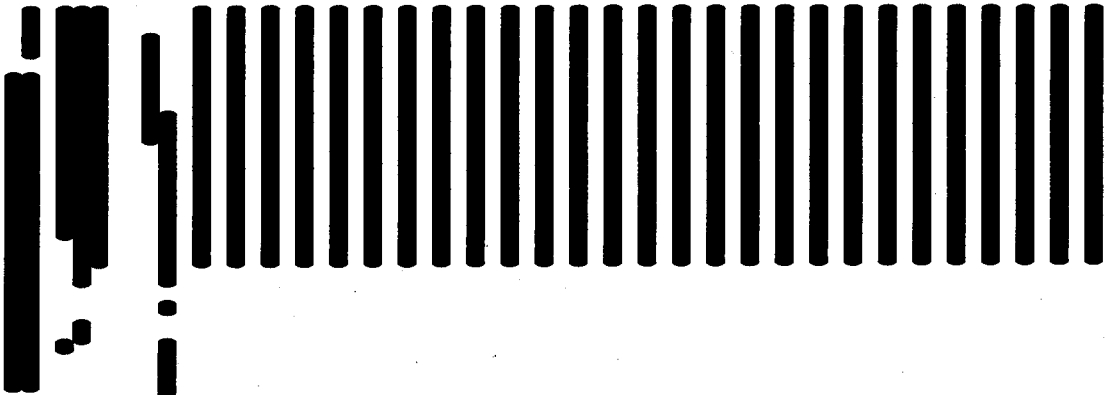
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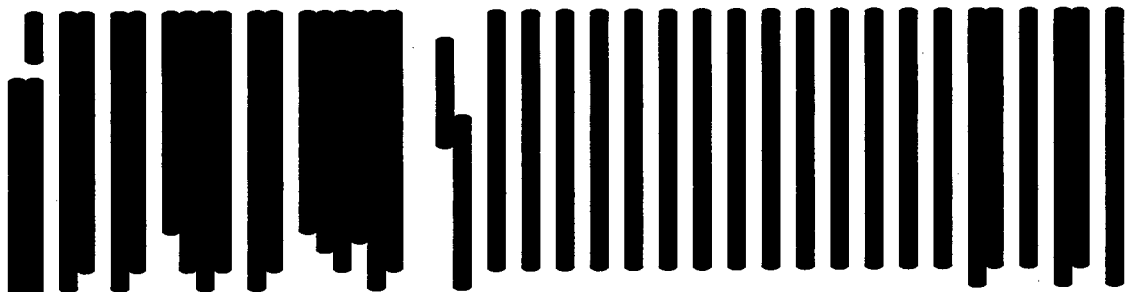
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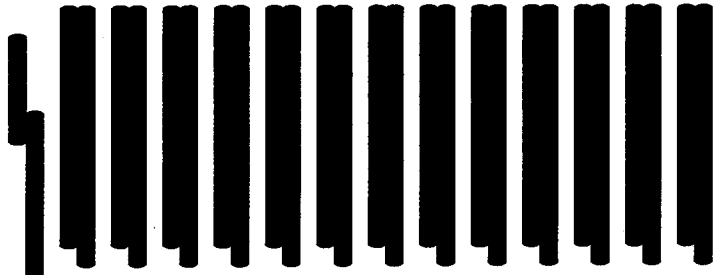
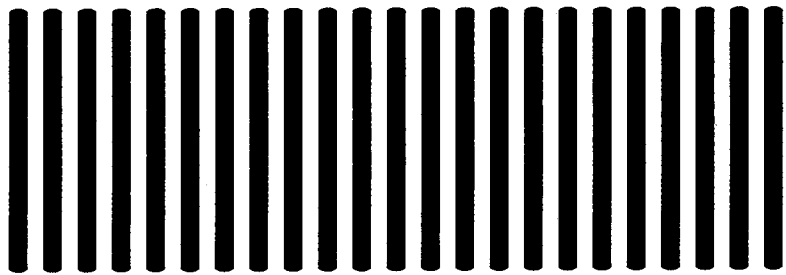
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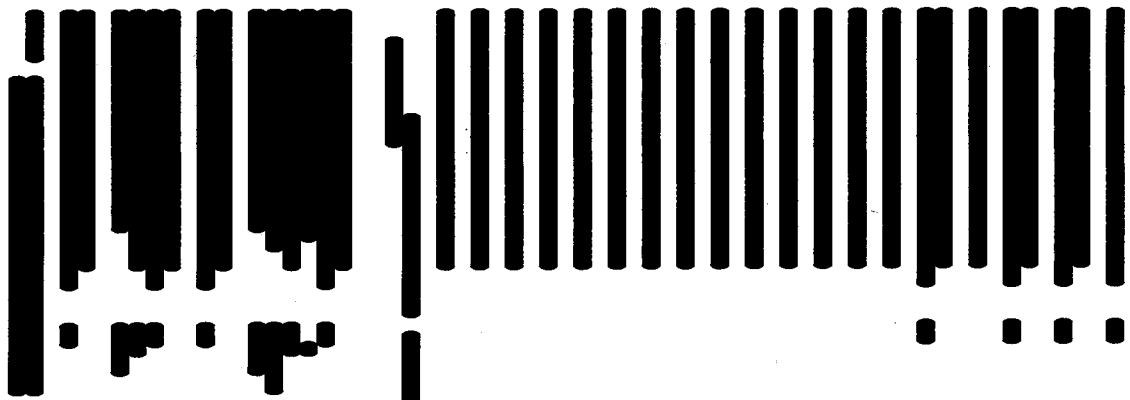
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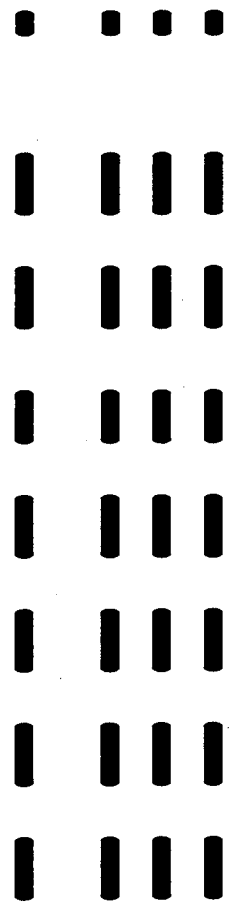
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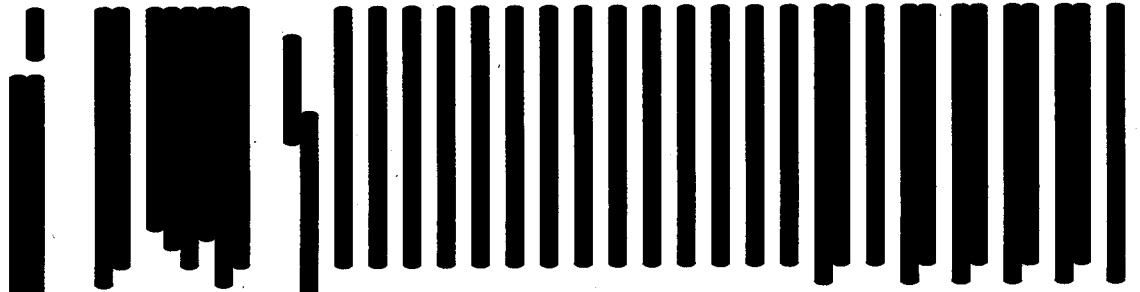
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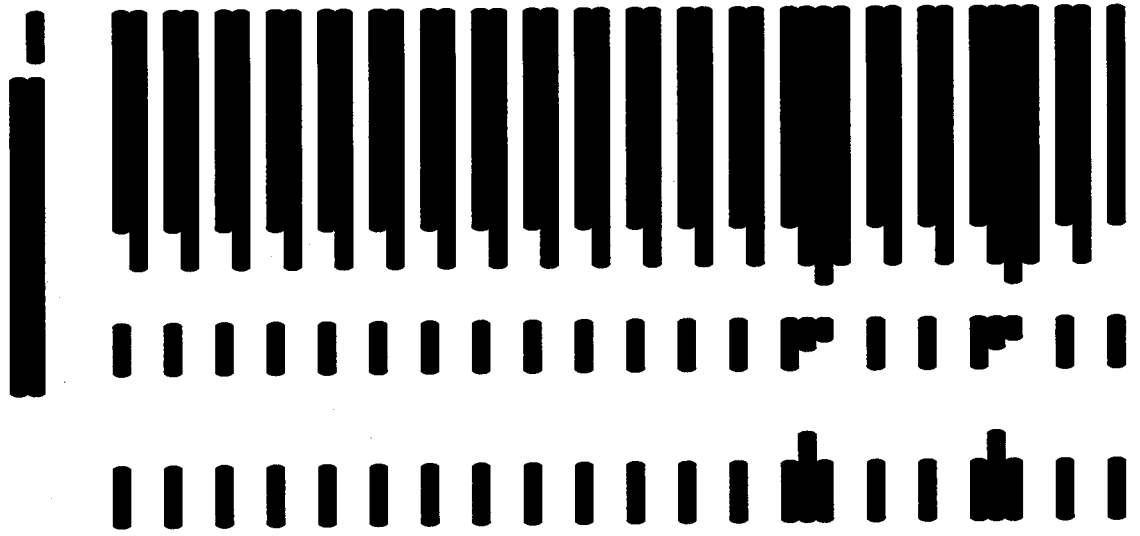
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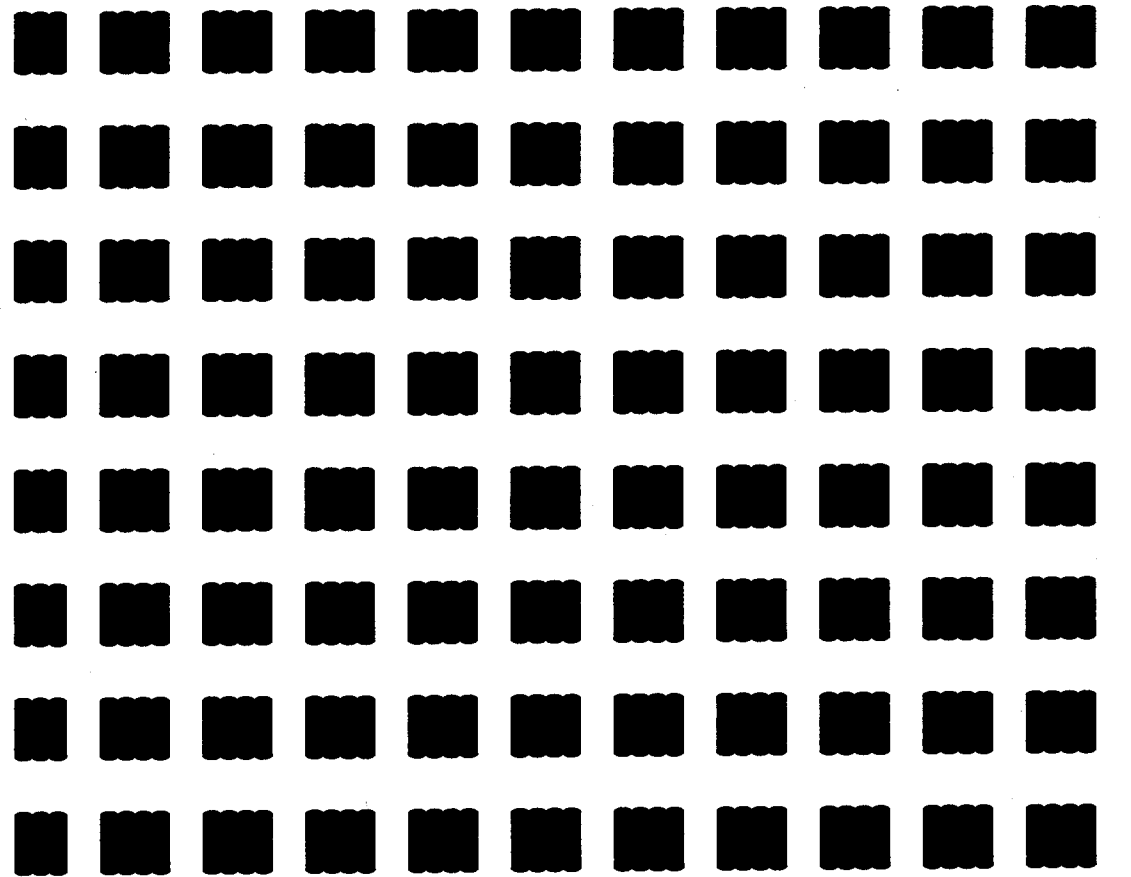
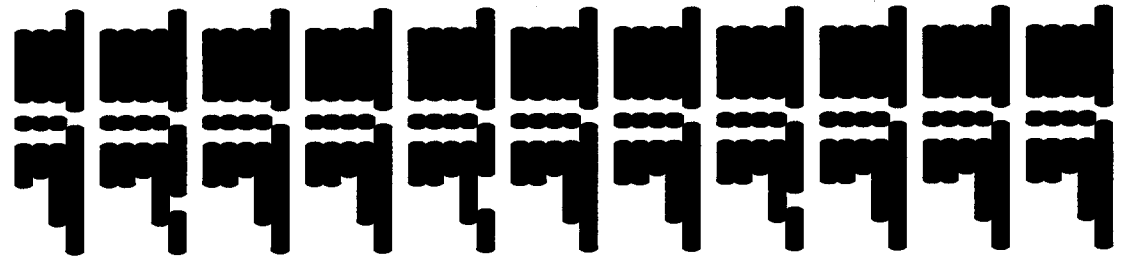
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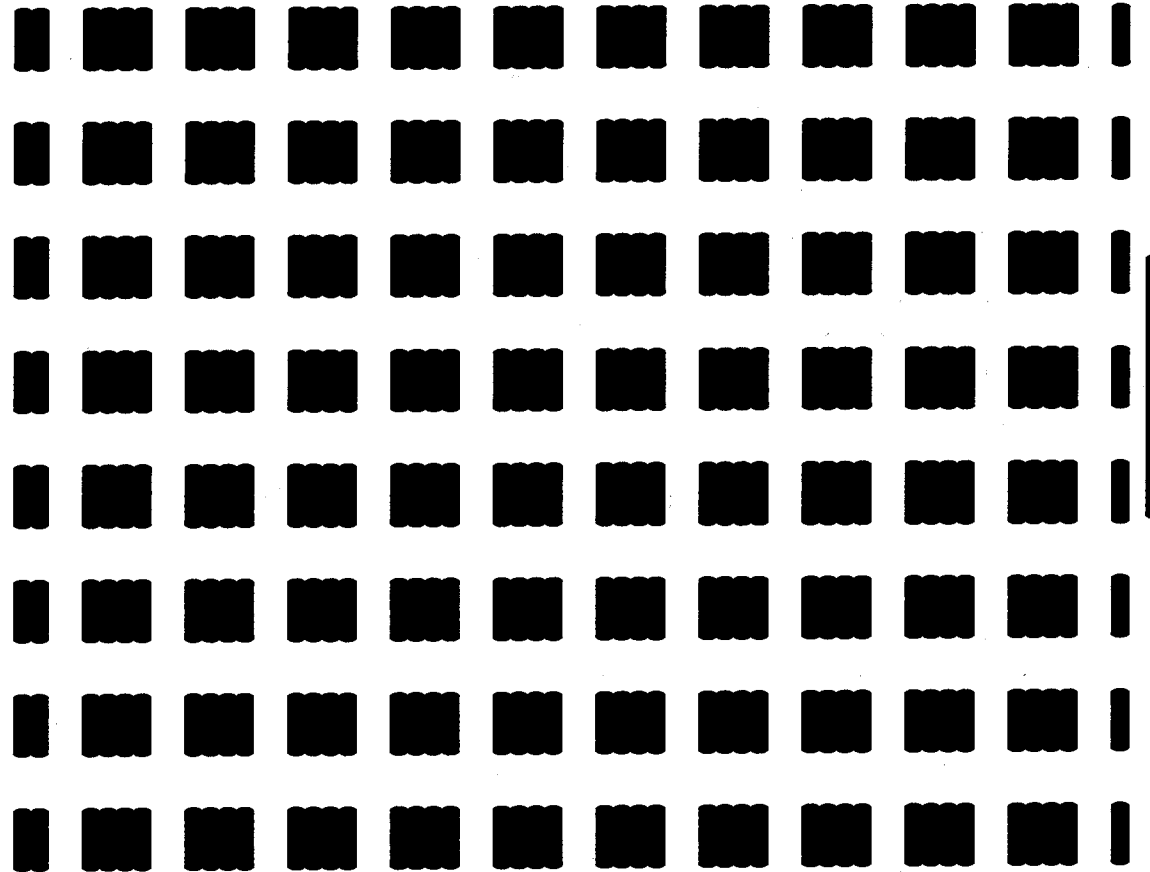
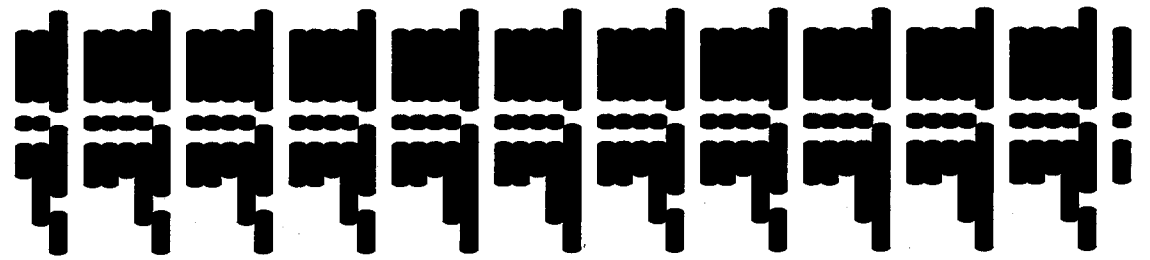
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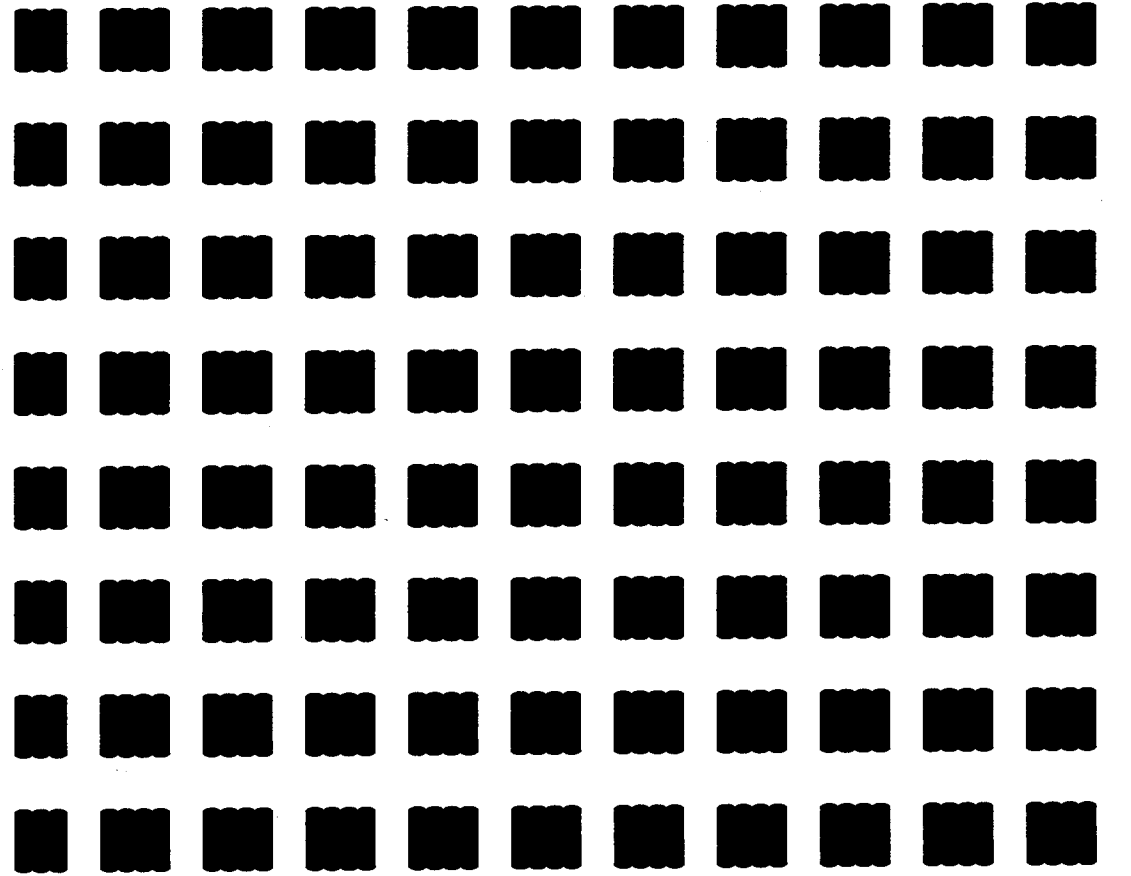
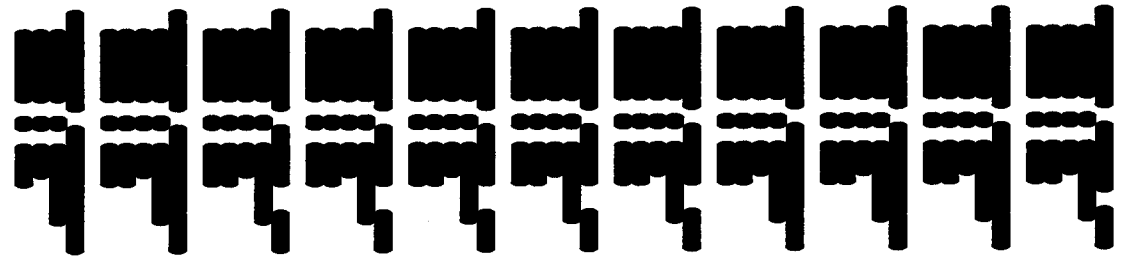




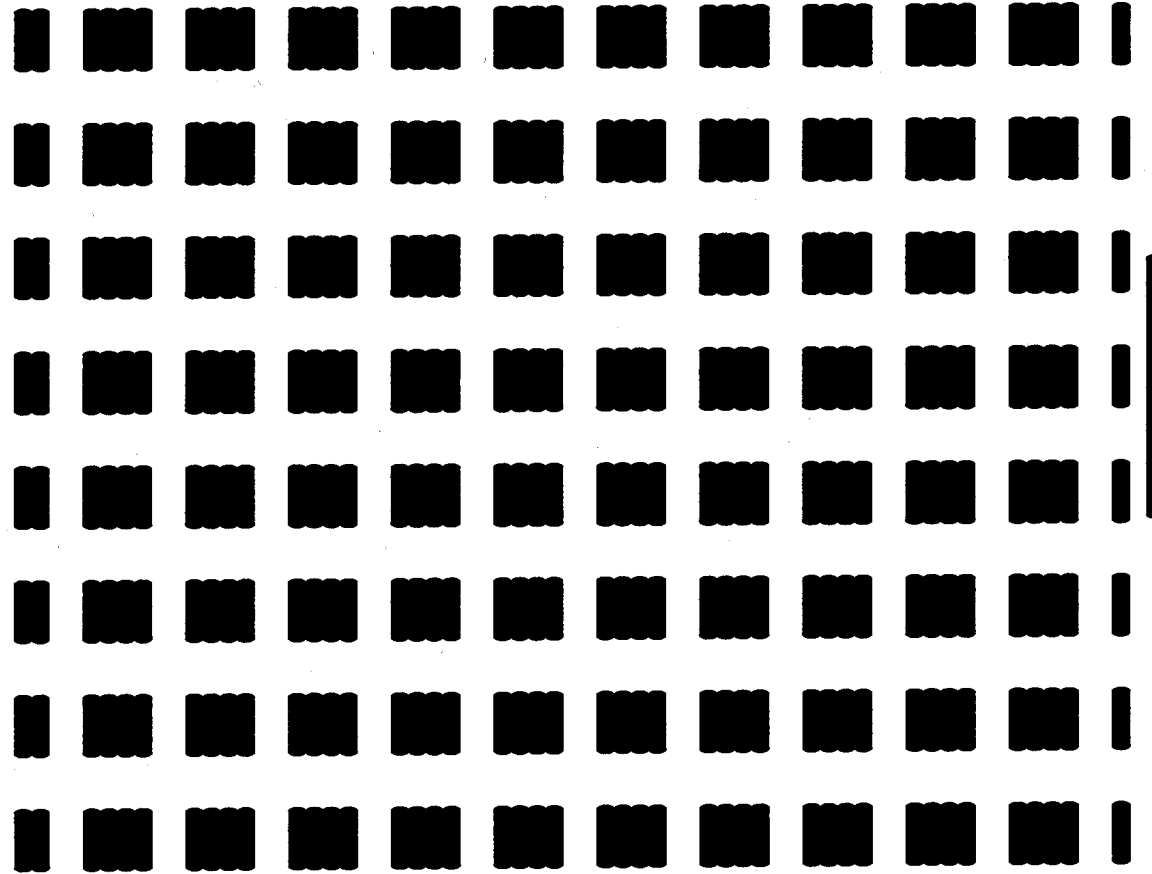
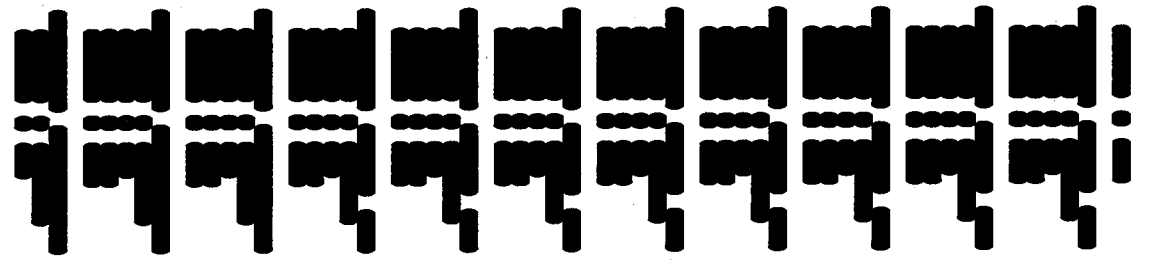






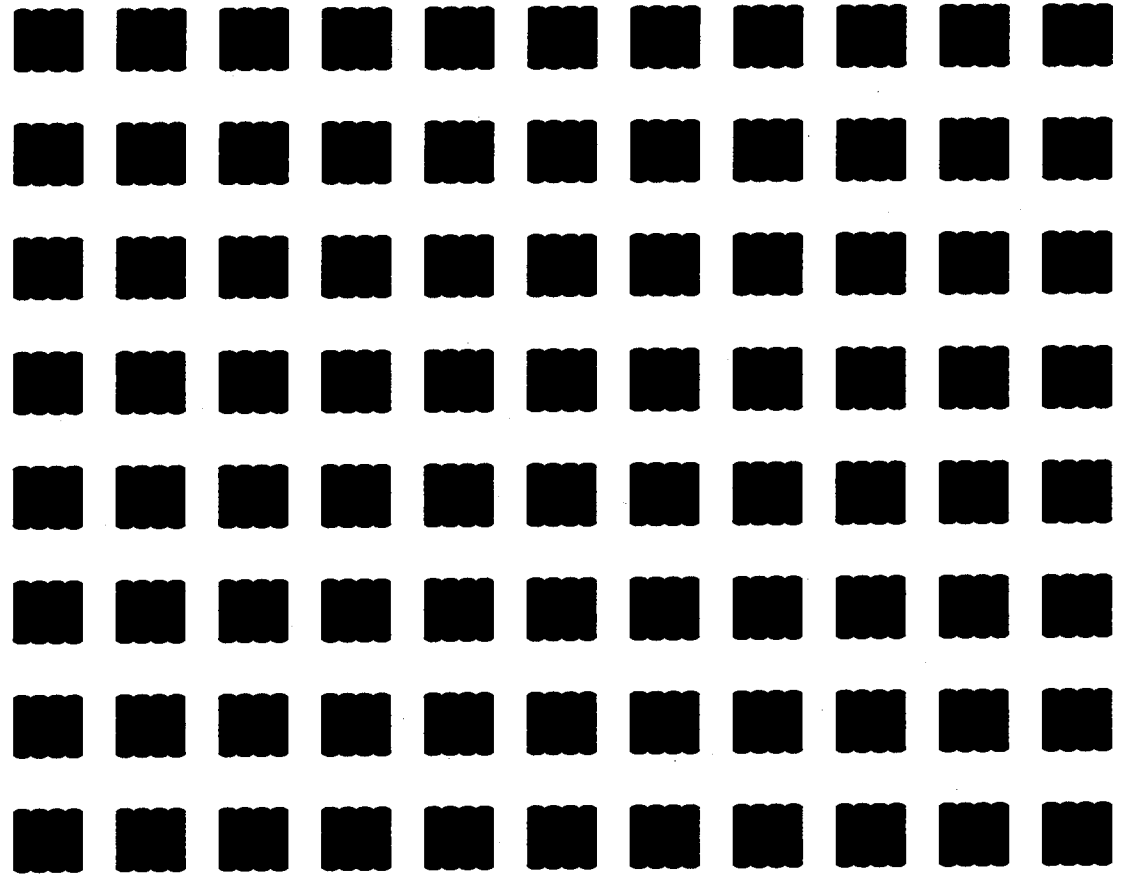
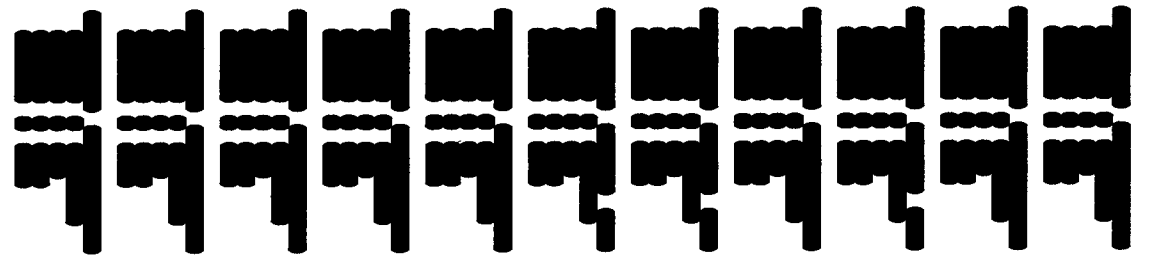




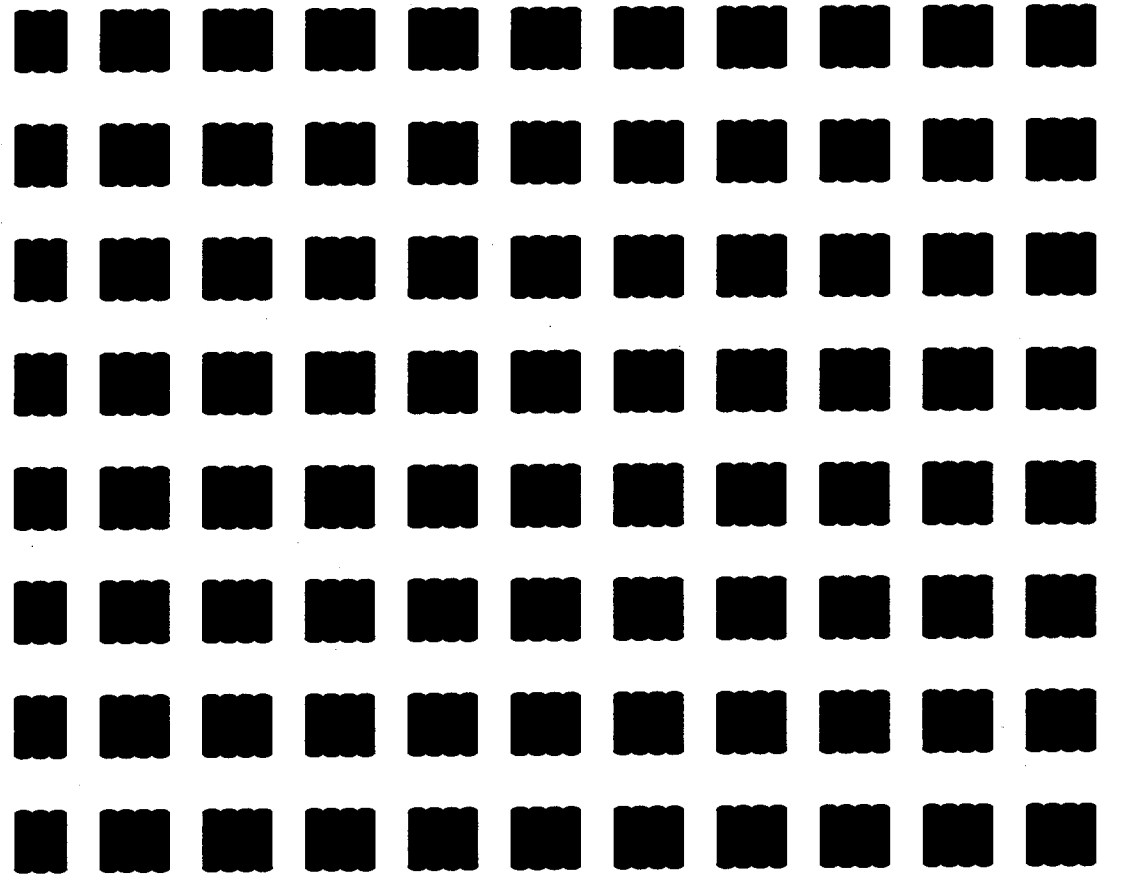
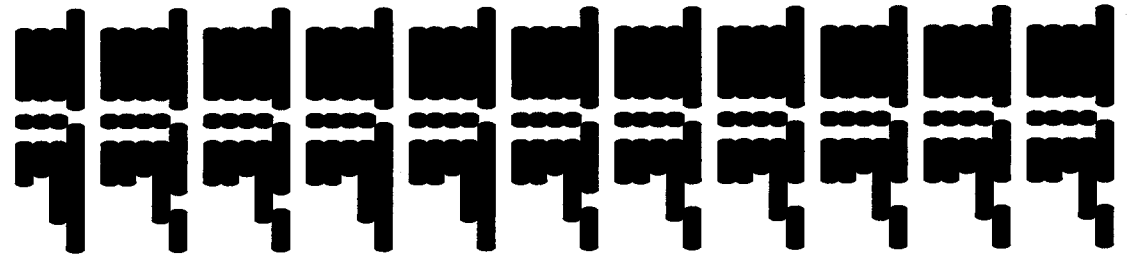








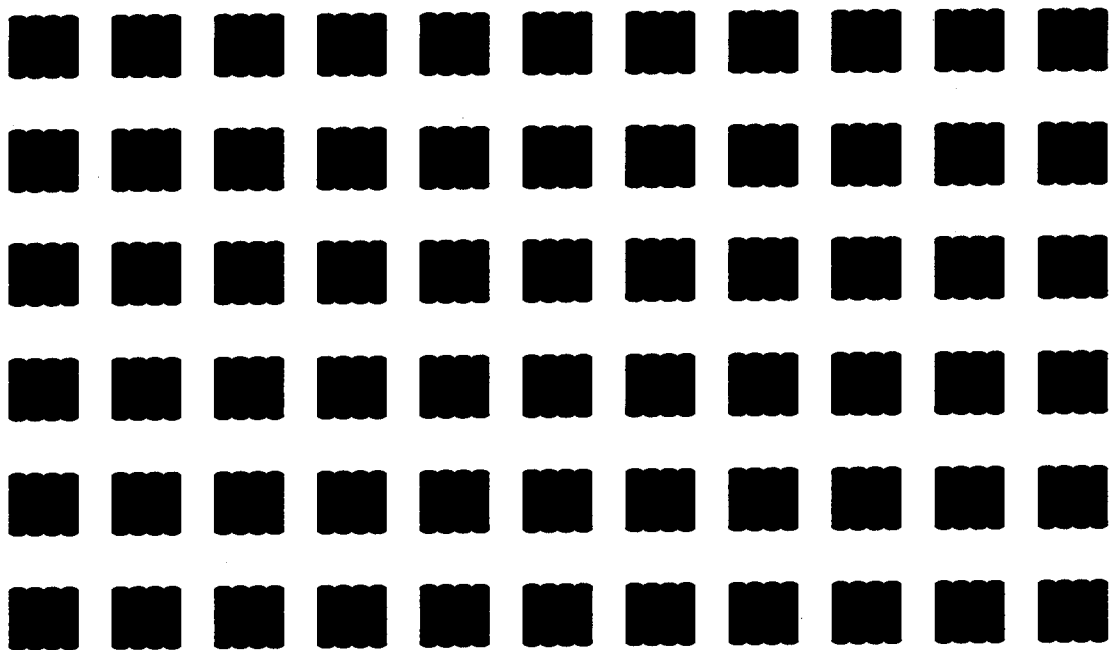
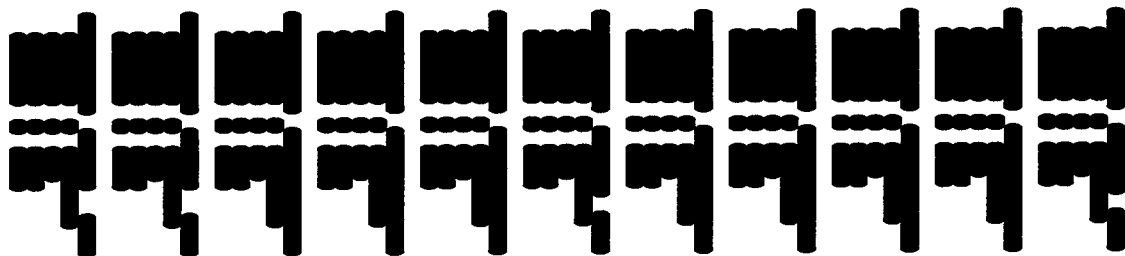












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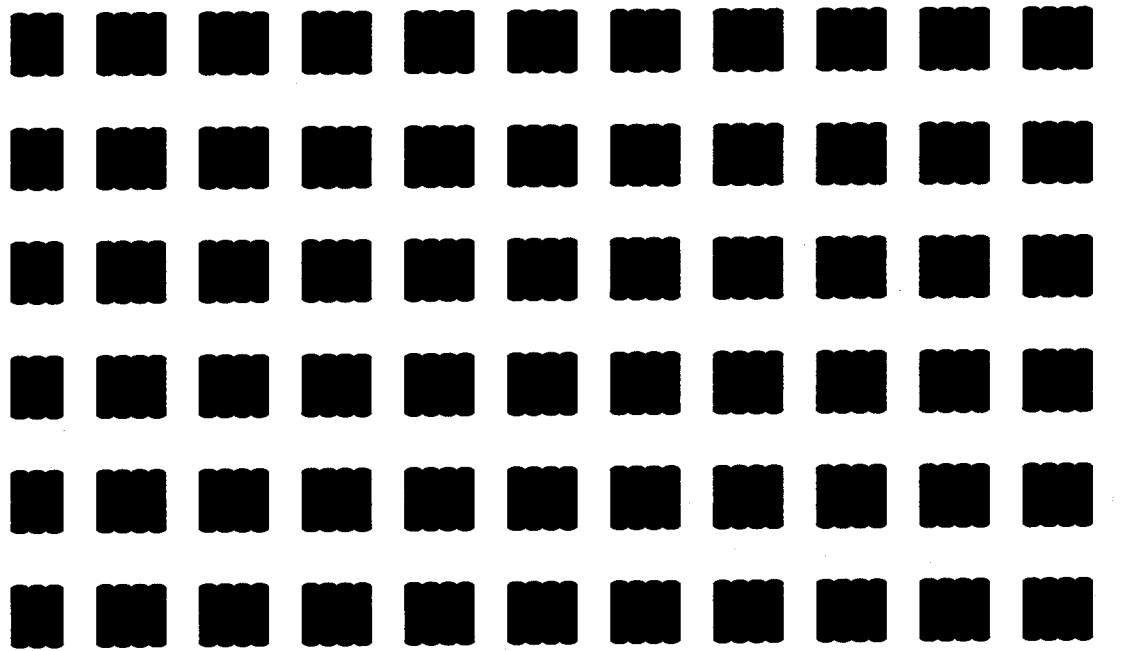
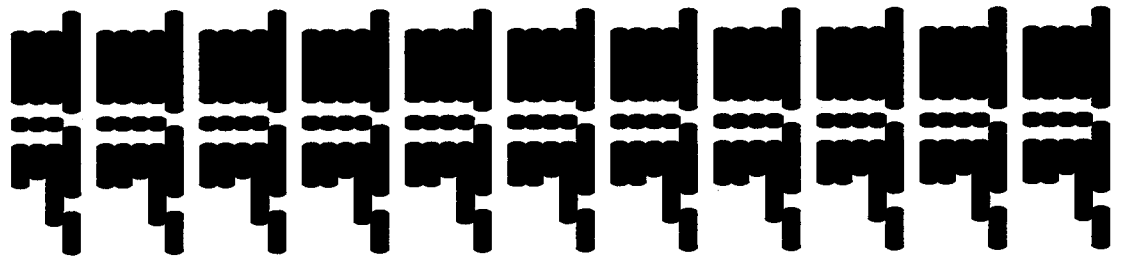
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ASP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAP INPUT WATER YEAR

WATER YEAR LOGIC NOT ACTIVATED