

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

```
===== SEASON 5    MAY =====  
THERMAL UNIT          89      90      91      92      93      94      96  
                      LWBG SMR  LWBG SMR  WATR CC  WATR2   DRESDEN DRES2  CT_APCO  
                      1          2          1        1        1        1        1  
----- YEAR 2011 -----  
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0  
----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- 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 -----
```

```
===== SEASON 5    MAY =====  
THERMAL UNIT          97      98      99      100     101     102     103  
                      CC_APCO  IGCC AP  PC_UL_AP  Nuke_AP  CT_I&M  CC_I&M  IGCC IM  
                      1          1          1          1          1          1          1  
----- YEAR 2011 -----  
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0  
----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----
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----- YEAR 2018 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5	MAY =====							
THERMAL UNIT	97	98	99	100	101	102	103	
	CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM	
	1	1	1	1	1	1	1	

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

===== SEASON 5	MAY =====							
THERMAL UNIT	104	105	106	107	108	109	110	
	PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC KP	PC_UL_KP	NUKE_KP	
	1	1	1	1	1	1	1	

----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	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 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 5	MAY =====							
THERMAL UNIT		111	112	113	114	115	116	118
	CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas	
	1	1	1	1	1	1	1	1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5	MAY =====							
THERMAL UNIT		111	112	113	114	115	116	118
	CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas	
	1	1	1	1	1	1	1	1

----- YEAR 2031 -----
 ----- YEAR 2032 -----

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

===== SEASON 5	MAY =====							
THERMAL UNIT	119	120	121	122	126	127	129	
	BS_RPWR	BS_BFCC	BS2_FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CR1_NGCC	
	1	1	23	1	5	6	1	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 5	MAY =====							
THERMAL UNIT	130	131	132	133	134	135	136	
	CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP	
	2	5	5	1	2	4	1	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 5 MAY							
	137 RP2D_KP 2	144 TC4_ESP 4	153 MTN_18% 1	185 RP1D_03 1	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1	
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 ----- SEASONAL HEAT RATE PROFILE	0	0	150	0	0	0	0	0
----- YEAR 2015 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 5

MAY =====

THERMAL UNIT	189 RP2TR_KP 2	190 T4_TRONA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
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----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							

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----- YEAR 2039 -----
----- YEAR 2040 -----
===== SEASON 5      MAY =====
THERMAL UNIT          500      501      502      503      954      955      956
                      DUMMY_OP DUMMY_IM DUMMY_AP DUMMY_KP BS_BF50 CT_KPC0 CT_KPC0
                      0          0          0          0      954      955      956

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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===== SEASON 5      MAY =====
THERMAL UNIT          500      501      502      503      954      955      956
                      DUMMY_OP DUMMY_IM DUMMY_AP DUMMY_KP BS_BF50 CT_KPC0 CT_KPC0
                      0          0          0          0      954      955      956

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

===== SEASON 5      MAY =====
THERMAL UNIT          957      958      959      960      961      962      963
                      CT_KPC0 CT_KPC0 CC_KPC0 RP2D_KP RP2D_IM CSV6_SCR CSV5_SCR
                      957      958      959      960      961      962      963

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----

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

	===== SEASON 5	MAY =====						
THERMAL UNIT	964	965	966	967	968	969	970	
DUMMY_OP	964	965	966	967	968	969	970	
		RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	
		965	966	967	968	969	970	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5		MAY =====						
THERMAL UNIT		964	965	966	967	968	969	970
		DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP
		964	965	966	967	968	969	970
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 5		MAY =====						
THERMAL UNIT		971	972	973	974	975	976	977
		RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		971	972	973	974	975	976	977
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
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----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 5			MAY =====						
THERMAL UNIT			978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
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----- YEAR 2039 -----									
----- YEAR 2040 -----									

===== SEASON 5			MAY =====						
THERMAL UNIT			985 DUMMY_OP 985	986 DUMMY_OP 986	987 DUMMY_OP 987	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----									

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5			MAY =====						
THERMAL UNIT			985	986	987	988	989	990	991

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

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----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
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----- YEAR 2030 -----
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----- YEAR 2039 -----
----- YEAR 2040 -----

```

===== SEASON 5

MAY =====

	992	993	994	995	996	997	998
THERMAL UNIT	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_KP	DUMMY_OP	DUMMY_OP	T4_TRONA
	992	993	994	995	996	997	998

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE           0           0           0           0           0           0           0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
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----- YEAR 2028 -----
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 ----- YEAR 2040 -----

===== SEASON 5 MAY =====
 THERMAL UNIT 999
 DUMMY_OP
 999

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5 MAY =====
 THERMAL UNIT 999
 DUMMY_OP
 999

----- YEAR 2025 -----
 ----- YEAR 2026 -----
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===== SEASON 6	JUNE =====							
THERMAL UNIT	1	2	3	4	5	6	7	
	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 6	BIG SAND 1	BIG SAND 2	CARD 1+2 1	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0

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

===== SEASON 6	JUNE =====							
THERMAL UNIT	8	9	10	11	12	13	14	
	CARD 1+2 2	CARD 3 3	CLIFTY 1 1	CLIFTY 2 2	CLIFTY 3 3	CLIFTY 4 4	CLIFTY 5 5	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 † 02/07/13 15:50:43 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 6		JUNE =====							
THERMAL UNIT	8	9	10	11	12	13	14		
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY		
	2	3	1	2	3	4	5		
----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									
===== SEASON 6		JUNE =====							
THERMAL UNIT	15	16	17	18	19	20	21		
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4		
	6	1	2	3	1	2	3		
----- YEAR 2011 -----									
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0		
----- YEAR 2012 -----									
----- YEAR 2013 -----									
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 ----- YEAR 2040 -----

===== SEASON 6			JUNE =====						27	28
THERMAL UNIT			22	23	24	25	26	GAVIN		
			CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK		GAVIN	
			4	5	6	1	2	1	2	
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	19	
----- YEAR 2012 -----	SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0	
----- YEAR 2013 -----										
----- YEAR 2014 -----										
----- YEAR 2015 -----										
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----- YEAR 2038 -----										
----- YEAR 2039 -----										
----- YEAR 2040 -----										

4A Input.txt

===== SEASON 6		JUNE =====									
THERMAL UNIT	29	30	33	34	35	36	37				
	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA				
	5	6	1	2	3	1	2				
----- YEAR 2011 -----											
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0				
----- YEAR 2012 -----											
----- YEAR 2013 -----											
----- YEAR 2014 -----											
----- YEAR 2015 -----											

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NewEnergy Associates
Strategist Page 605

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 6		JUNE =====									
THERMAL UNIT	29	30	33	34	35	36	37				
	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA				
	5	6	1	2	3	1	2				
----- YEAR 2016 -----											
----- YEAR 2017 -----											
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----- YEAR 2040 -----											

===== SEASON 6		JUNE =====									
THERMAL UNIT	38	39	40	41	42	43	44				
	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL				
	1	2	3	4	5	1	2				
----- YEAR 2011 -----											
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0				
----- YEAR 2012 -----											
----- YEAR 2013 -----											
----- YEAR 2014 -----											
----- YEAR 2015 -----											

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

THERMAL UNIT	SEASON 6	JUNE					51	
	45	MUSK RVR 46	MUSK RVR 47	MUSK RVR 48	MUSK RVR 49	MUSK RVR 50	P SPORN	
	MOUNT_ER	1	2	3	4	5	1	
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	45	0	0	0	0	0	0	
----- YEAR 2012 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2013 -----								
----- YEAR 2014 ----- SEASONAL HEAT RATE PROFILE	150	0	0	0	0	0	0	
----- YEAR 2015 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
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4A Input.txt
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 6 JUNE =====						
	45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4	50 MUSK RVR 5	51 P SPORN 1
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
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----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

THERMAL UNIT	===== SEASON 6 JUNE =====						
	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1
----- YEAR 2011 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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----- YEAR 2030 -----							
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----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							

YEAR	SEASON 6	JUNE	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 2039	-----							
-----	YEAR 2040	-----							
-----	YEAR 2011	-----							
SEASONAL	HEAT RATE PROFILE		0	0	0	0	0	0	0
-----	YEAR 2012	-----							
-----	YEAR 2013	-----							
-----	YEAR 2014	-----							
-----	YEAR 2015	-----							
-----	YEAR 2016	-----							
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-----	YEAR 2030	-----							
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-----	YEAR 2032	-----							
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-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	SEASON 6	JUNE	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 2039	-----							
-----	YEAR 2040	-----							
YEAR	SEASON 6	JUNE	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3
-----	YEAR 2011	-----							
SEASONAL	HEAT RATE PROFILE		0	0	0	0	162	162	162
-----	YEAR 2012	-----							

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

THERMAL UNIT	===== SEASON 6 JUNE =====							DARBY
	75 CEREDO	76 CEREDO	77 CEREDO	78 CEREDO	79 CEREDO	80 CEREDO	81	
	1	2	3	4	5	6	1	
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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THERMAL UNIT	SEASON 6		JUNE										
	DARBY	82	DARBY	83	DARBY	84	DARBY	85	DARBY	86	LWBG WIN	87	LWBG WIN
	2		3		4		5		6		1		2
----- YEAR 2011 -----													
SEASONAL HEAT RATE PROFILE	0		0		0		0		0		0		0
----- YEAR 2012 -----													
----- YEAR 2013 -----													
----- YEAR 2014 -----													
----- YEAR 2015 -----													
----- YEAR 2016 -----													
----- YEAR 2017 -----													

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 6		JUNE										
	DARBY	82	DARBY	83	DARBY	84	DARBY	85	DARBY	86	LWBG WIN	87	LWBG WIN
	2		3		4		5		6		1		2
----- YEAR 2018 -----													
----- YEAR 2019 -----													
----- YEAR 2020 -----													
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----- YEAR 2037 -----
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THERMAL UNIT	===== SEASON 6 JUNE =====						
	89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1	93 DRESDEN 1	94 DRESD2 1	96 CT_APC0 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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THERMAL UNIT	===== SEASON 6 JUNE =====						
	97 CC_APC0 1	98 IGCC AP 1	99 PC_UL_AP 1	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 6		JUNE =====						
THERMAL UNIT	97	98	99	100	101	102	103	
	CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM	
	1	1	1	1	1	1	1	
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								
===== SEASON 6		JUNE =====						
THERMAL UNIT	104	105	106	107	108	109	110	
	PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC KP	PC_UL_KP	NUKE_KP	
	1	1	1	1	1	1	1	
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 6 JUNE =====
THERMAL UNIT
 111 112 113 114 115 116 118
 CT_OHIO CC_OH IGCC OH PC_UL_OH NUKE OH CC_FA_KP BS1_Gas
 1 1 1 1 1 1 1

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
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----- YEAR 2040 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 6		JUNE =====						
THERMAL UNIT	119	120	121	122	126	127	129	
	BS_RPW	BS_BFCC	BS2_FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CR1_NGCC	
	1	1	23	1	5	6	1	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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===== SEASON 6		JUNE =====						
THERMAL UNIT	130	131	132	133	134	135	136	
	CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP	
	2	5	5	1	2	4	1	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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===== SEASON 6			JUNE =====					
THERMAL UNIT	137	144	153	185	186	187	188	
	RP2D_KP	TC4_ESP	MTN_18%	RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP	
	2	4	1	1	1	2	1	
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 ----- ----- YEAR 2013 -----								
----- YEAR 2014 ----- SEASONAL HEAT RATE PROFILE	0	0	150	0	0	0	0	
----- YEAR 2015 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2016 ----- ----- YEAR 2017 ----- ----- YEAR 2018 ----- ----- YEAR 2019 ----- ----- YEAR 2020 ----- ----- YEAR 2021 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 6			JUNE =====					
THERMAL UNIT	137	144	153	185	186	187	188	
	RP2D_KP	TC4_ESP	MTN_18%	RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP	
	2	4	1	1	1	2	1	
----- YEAR 2022 ----- ----- YEAR 2023 ----- ----- YEAR 2024 ----- ----- YEAR 2025 -----								

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

===== SEASON 6	JUNE =====							
THERMAL UNIT		189	190	191	193	194	195	196
	RP2TR_KP	2	T4_TROMA	4	T4_TRCCR	4	ML_KP20	1
					ML_KP20	2	ML_KP50	1
							ML_KP50	2

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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----- YEAR 2018 -----								
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----- YEAR 2040 -----								

===== SEASON 6	JUNE =====							
THERMAL UNIT		500	501	502	503	954	955	956

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DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BF50	CT_KPC0	CT_KPC0
0	0	0	0	954	955	956

YEAR	SEASONAL HEAT RATE PROFILE	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BF50	CT_KPC0	CT_KPC0
2011		0	0	0	0	0	0	0
2012								
2013								
2014								
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
2023								
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON	JUNE	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BF50	CT_KPC0	CT_KPC0
6	500	501	502	503	954	955	956	
THERMAL UNIT	0	0	0	0	954	955	956	

2034	
2035	
2036	
2037	
2038	
2039	
2040	

SEASON	JUNE	CT_KPC0	CT_KPC0	CC_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR
6	957	958	959	960	961	962	963	
THERMAL UNIT	957	958	959	960	961	962	963	

YEAR	SEASONAL HEAT RATE PROFILE	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BF50	CT_KPC0	CT_KPC0
2011		0	0	0	0	0	0	0
2012								
2013								
2014								
2015								
2016								

----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
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----- YEAR 2024 -----
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----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
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----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

THERMAL UNIT	SEASON 6	JUNE	964	965	966	967	968	969	970
			DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP
			964	965	966	967	968	969	970

----- YEAR 2011 -----	SEASONAL	HEAT	RATE	PROFILE	0	0	0	0	0	0
----- YEAR 2012 -----										
----- YEAR 2013 -----										
----- YEAR 2014 -----										
----- YEAR 2015 -----										
----- YEAR 2016 -----										
----- YEAR 2017 -----										
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----- YEAR 2029 -----										
----- YEAR 2030 -----										
----- YEAR 2031 -----										
----- YEAR 2032 -----										

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

===== SEASON 6	JUNE =====							
THERMAL UNIT		971	972	973	974	975	976	977
	RP2TR_IM	971	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		971	972	973	974	975	976	977

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.
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 Strategist Page 613

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 6	JUNE =====							
THERMAL UNIT		971	972	973	974	975	976	977
	RP2TR_IM	971	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		971	972	973	974	975	976	977

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

4A Input.txt

```

----- YEAR 2040 -----
===== SEASON 6 JUNE =====
THERMAL UNIT
          978      979      980      981      982      983      984
DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP
          978      979      980      981      982      983      984

```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE
          0          0          0          0          0          0          0

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

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===== SEASON 6 JUNE =====
THERMAL UNIT
          985      986      987      988      989      990      991
DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP
          985      986      987      988      989      990      991

```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE
          0          0          0          0          0          0          0

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 6	JUNE =====							
THERMAL UNIT		985	986	987	988	989	990	991
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	985	986	987	988	989	990	991	

----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- 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 6	JUNE =====							
THERMAL UNIT		992	993	994	995	996	997	998
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_KP	DUMMY_OP	DUMMY_OP	DUMMY_OP	T4_TRONA
	992	993	994	995	996	997	998	
	992	993	994	995	996	997	998	

SEASONAL HEAT RATE PROFILE								
----- YEAR 2011 -----	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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----- YEAR 2017 -----								
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----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

----- SEASON 6 JUNE -----
THERMAL UNIT 999
DUMMY_OP 999

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
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----- YEAR 2035 -----
----- YEAR 2036 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- SEASON 6 JUNE -----
THERMAL UNIT 999
DUMMY_OP 999

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

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

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

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

===== SEASON 7	JULY =====							
THERMAL UNIT	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY	
	8	9	10	11	12	13	14	
	2	3	1	2	3	4	5	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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----- YEAR 2021 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 7		JULY =====						
THERMAL UNIT	15	16	17	18	19	20	21	
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4	
	6	1	2	3	1	2	3	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 7		JULY =====						
THERMAL UNIT	15	16	17	18	19	20	21	
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4	
	6	1	2	3	1	2	3	

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2020 -----
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 ----- YEAR 2040 -----

	===== SEASON 7	JULY =====							
THERMAL UNIT			22	23	24	25	26	27	28
		CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN	
		4	5	6	1	2	1	2	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 19

----- YEAR 2012 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2034 -----
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 ----- YEAR 2040 -----

	===== SEASON 7	JULY =====							
THERMAL UNIT			29	30	33	34	35	36	37
		GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAHA	KANAHA	
		5	6	1	2	3	1	2	

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

SEASONAL HEAT RATE PROFILE

	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
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----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON 7	JULY							
THERMAL UNIT	29	30	33	34	35	36	37	
	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAHA	KANAHA	
	5	6	1	2	3	1	2	
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
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----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

SEASON 7	JULY							
THERMAL UNIT	38	39	40	41	42	43	44	
	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL	
	1	2	3	4	5	1	2	
----- YEAR 2011 -----								

SEASONAL HEAT RATE PROFILE

	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							

----- YEAR 2019 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 7		JULY =====						
THERMAL UNIT		45	46	47	48	49	50	51
		MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
		1	1	2	3	4	5	1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	45	0	0	0	0	0	0
----- YEAR 2012 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2013 -----								
----- YEAR 2014 -----	SEASONAL HEAT RATE PROFILE	150	0	0	0	0	0	0
----- YEAR 2015 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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----- YEAR 2034 -----
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----- YEAR 2038 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 7	JULY =====							
THERMAL UNIT		45	46	47	48	49	50	51
		MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
		1	1	2	3	4	5	1

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

===== SEASON 7	JULY =====							
THERMAL UNIT		52	53	54	55	56	57	58
		P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRET_IM	RPRUN_IM
		2	3	4	5	5	1	1

SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
----------------------------	--	---	---	---	---	---	---	---

----- YEAR 2011 -----
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
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----- YEAR 2040 -----

===== SEASON 7 JULY =====

THERMAL UNIT		59	4A Input.txt		63	64	65	66
		ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
		2	1	2	3	4	3	1
-----	YEAR 2011	-----						
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0
-----	YEAR 2012	-----						
-----	YEAR 2013	-----						
-----	YEAR 2014	-----						
-----	YEAR 2015	-----						
-----	YEAR 2016	-----						
-----	YEAR 2017	-----						
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-----	YEAR 2039	-----						
-----	YEAR 2040	-----						

THERMAL UNIT		===== SEASON 7 JULY =====						
		67	68	69	70	71	72	73
		TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE
		2	3	4	1	1	2	3
-----	YEAR 2011	-----						
SEASONAL	HEAT RATE PROFILE	0	0	0	0	162	162	162
-----	YEAR 2012	-----						
-----	YEAR 2013	-----						
-----	YEAR 2014	-----						
-----	YEAR 2015	-----						
-----	YEAR 2016	-----						
-----	YEAR 2017	-----						

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

===== SEASON 7 JULY =====

THERMAL UNIT		4A Input. txt						
		67	68	69	70	71	72	73
		TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE
		2	3	4	1	1	2	3
-----	YEAR 2018	-----						
-----	YEAR 2019	-----						
-----	YEAR 2020	-----						
-----	YEAR 2021	-----						
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-----	YEAR 2040	-----						

THERMAL UNIT		SEASON 7 JULY -----						
		75	76	77	78	79	80	81
		CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY
		1	2	3	4	5	6	1
-----	YEAR 2011	-----						
-----	SEASONAL HEAT RATE PROFILE	-----	0	0	0	0	0	0
-----	YEAR 2012	-----						
-----	YEAR 2013	-----						
-----	YEAR 2014	-----						
-----	YEAR 2015	-----						
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 7		JULY =====							
THERMAL UNIT		DARBY 82	DARBY 83	DARBY 84	DARBY 85	DARBY 86	LWBG WIN 87	LWBG WIN 88	
		2	3	4	5	6	1	2	
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
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 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 7		JULY =====							
THERMAL UNIT		DARBY 82	DARBY 83	DARBY 84	DARBY 85	DARBY 86	LWBG WIN 87	LWBG WIN 88	
		2	3	4	5	6	1	2	
----- YEAR 2030 -----									
----- YEAR 2031 -----									
----- YEAR 2032 -----									
----- YEAR 2033 -----									
----- YEAR 2034 -----									
----- YEAR 2035 -----									
----- YEAR 2036 -----									
----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									

4A Input.txt

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----- YEAR 2040 -----
===== SEASON 7    JULY =====
THERMAL UNIT
      89      90      91      92      93      94      96
LWBG SMR    LWBG SMR    WATR CC    WATR2    DRESDEN    DRES2    CT_APC0
      1        2        1        1        1        1        1
----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE
      0        0        0        0        0        0        0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
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----- YEAR 2020 -----
----- 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 -----
===== SEASON 7    JULY =====
THERMAL UNIT
      97      98      99      100     101     102     103
CC_APC0    IGCC AP    PC_UL_AP    Nuke_AP    CT_I&M    CC_I&M    IGCC IM
      1        1        1        1        1        1        1
----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE
      0        0        0        0        0        0        0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----

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----- YEAR 2023 -----
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 ----- YEAR 2030 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = G&F.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 7 JULY =====							
	104 PC_UL_IM	105 NUKE_IM	106 CT_KPCO	107 CC_KPCO	108 IGCC_KP	109 PC_UL_KP	110 NUKE_KP	
SEASONAL HEAT RATE PROFILE	1	1	1	1	1	1	1	
----- YEAR 2011 -----	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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----- YEAR 2017 -----								
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	SEASON 7	JULY	-----	-----	-----	-----	-----	-----
THERMAL UNIT			111	112	113	114	115	116
			CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP
			1	1	1	1	1	1
								BS1_Gas
								1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	SEASON 7	JULY	-----	-----	-----	-----	-----	-----
THERMAL UNIT			119	120	121	122	126	127
			BS_RPWR	BS_BFCC	BS2_FGD	BS_BF50	CSV5_SCR	CSV6_SCR
			1	1	23	1	5	6
								CRI_NGCC
								1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 7 JULY =====							
	119 BS_RPWR 1	120 BS_BFCC 1	121 ES2_FGD 23	122 BS_BF50 1	126 CSV5_SCR 5	127 CSV6_SCR 6	129 CRI_NGCC 1	
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
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----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

THERMAL UNIT	===== SEASON 7 JULY =====						
	130 CR2_NGCC 2	131 MRS_NGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2011 -----							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							

----- YEAR 2023 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 7		JULY =====						
THERMAL UNIT		137	144	153	185	186	187	188
		RP2D_KP	TC4_ESP	MTN_18%	RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP
		2	4	1	1	1	2	1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----	SEASONAL HEAT RATE PROFILE	0	0	150	0	0	0	0
----- YEAR 2013 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2014 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2015 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2016 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2017 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2018 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2019 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2020 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2021 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2022 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2023 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2024 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2025 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2026 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2027 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2028 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2029 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2030 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2031 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2032 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2033 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 7		JULY =====						
THERMAL UNIT	137	144	153	185	186	187	188	
	RP2D_KP	TC4_ESP	MTN_18%	RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP	
	2	4	1	1	1	2	1	
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
===== SEASON 7		JULY =====						
THERMAL UNIT	189	190	191	193	194	195	196	
	RP2TR_KP	T4_TRONA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50	
	2	4	4	1	2	1	2	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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----- YEAR 2030 -----								
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----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
===== SEASON 7		JULY =====						
THERMAL UNIT	500	501	502	503	954	955	956	
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BF50	CT_KPC0	CT_KPC0	
	0	0	0	0	954	955	956	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	

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

===== SEASON 7	JULY =====							
THERMAL UNIT		957	958	959	960	961	962	963
	CT_KPC0	957	958	959	960	961	962	963
		957	958	959	960	961	962	963

----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 7	JULY =====							
THERMAL UNIT		957	958	959	960	961	962	963
	CT_KPC0	957	958	959	960	961	962	963
		957	958	959	960	961	962	963

----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2019 -----

----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 7	JULY =====							
THERMAL UNIT		964	965	966	967	968	969	970
	DUMMY_OP	964	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP
		964	965	966	967	968	969	970

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
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----- YEAR 2020 -----								
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----- YEAR 2034 -----								
----- YEAR 2035 -----								

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

===== SEASON 7	JULY =====							
THERMAL UNIT	971	972	973	974	975	976	977	
	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	971	972	973	974	975	976	977	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 7	JULY =====							
THERMAL UNIT	971	972	973	974	975	976	977	
	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	971	972	973	974	975	976	977	

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

===== SEASON 7	JULY =====							
THERMAL UNIT	978	979	980	981	982	983	984	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	978	979	980	981	982	983	984	

4A Input.txt

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----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE           0           0           0           0           0           0           0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
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----- YEAR 2021 -----
----- YEAR 2022 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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----- SEASON 7  JULY -----
THERMAL UNIT
          985          986          987          988          989          990          991
        DUMMY_OP    DUMMY_OP    DUMMY_OP    DUMMY_OP    DUMMY_OP    DUMMY_OP    DUMMY_OP
          985          986          987          988          989          990          991

```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE           0           0           0           0           0           0           0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
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----- YEAR 2025 -----

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----- YEAR 2026 -----
----- YEAR 2027 -----
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----- YEAR 2030 -----
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----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

-----	===== SEASON 7	JULY =====						
THERMAL UNIT			985	986	987	988	989	990
			DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
			985	986	987	988	989	990
								991
								DUMMY_OP
								991

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

-----	===== SEASON 7	JULY =====						
THERMAL UNIT			992	993	994	995	996	997
			DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_KP	DUMMY_OP	DUMMY_OP
			992	993	994	995	996	997
								T4_TRONA
								998
								998

-----	SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0
-------	----------------------------	--	---	---	---	---	---	---

----- YEAR 2011 -----
----- YEAR 2012 -----
----- YEAR 2013 -----
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----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 7 JULY =====
THERMAL UNIT 999
DUMMY_OP 999

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0

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

===== SEASON 8 AUGUST =====
THERMAL UNIT AMOS 1 AMOS 2 AMOS_OP 3 BECKJORD 4 BIG SAND 5 BIG SAND 6 CARD 1+2 7
1 2 3 6 1 2 1

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0 0

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 8 AUGUST =====								
THERMAL UNIT	1	2	3	4	5	6	7	
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2	
	1	2	3	6	1	2	1	
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
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----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 8 AUGUST =====								
THERMAL UNIT	8	9	10	11	12	13	14	
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY	
	2	3	1	2	3	4	5	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 8 AUGUST =====		15	16	17	18	19	20	21
THERMAL UNIT		CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
		6	1	2	3	1	2	3
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 8 AUGUST =====		15	16	17	18	19	20	21
THERMAL UNIT		CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
		6	1	2	3	1	2	3
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								

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

	===== SEASON 8	AUGUST =====							
THERMAL UNIT			22	23	24	25	26	27	28
			CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
			4	5	6	1	2	1	2

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	19
----- YEAR 2012 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
----- YEAR 2016 -----									
----- YEAR 2017 -----									
----- YEAR 2018 -----									
----- YEAR 2019 -----									
----- YEAR 2020 -----									
----- YEAR 2021 -----									
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----- YEAR 2037 -----									
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----- YEAR 2039 -----									
----- YEAR 2040 -----									

	===== SEASON 8	AUGUST =====							
THERMAL UNIT			29	30	33	34	35	36	37
			GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAUHA	KANAUHA
			5	6	1	2	3	1	2

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----									
----- YEAR 2013 -----									

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- YEAR 2040 -----	===== SEASON 8	AUGUST	=====	29	30	33	34	35	36	37
THERMAL UNIT				GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA
				5	6	1	2	3	1	2
----- YEAR 2040 -----	===== SEASON 8	AUGUST	=====	38	39	40	41	42	43	44
THERMAL UNIT				KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL
				1	2	3	4	5	1	2
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE			0	0	0	0	0	0	0
----- YEAR 2012 -----										
----- YEAR 2013 -----										
----- YEAR 2014 -----										
----- YEAR 2015 -----										
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 8 AUGUST =====			45	46	47	48	49	50	51
THERMAL UNIT			MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
			1	1	2	3	4	5	1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE		45	0	0	0	0	0	0
----- YEAR 2012 -----	SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
----- YEAR 2013 -----									
----- YEAR 2014 -----	SEASONAL HEAT RATE PROFILE		150	0	0	0	0	0	0
----- YEAR 2015 -----	SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
----- YEAR 2016 -----									
----- YEAR 2017 -----									
----- YEAR 2018 -----									
----- YEAR 2019 -----									
----- YEAR 2020 -----									
----- YEAR 2021 -----									
----- YEAR 2022 -----									
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----- YEAR 2030 -----									
----- YEAR 2031 -----									
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----- YEAR 2035 -----									
----- YEAR 2036 -----									

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

```

===== SEASON 8 AUGUST =====
THERMAL UNIT          52          53          54          55          56          57          58
                     P SPORN    P SPORN    P SPORN    P SPORN    PICWAY    RPRET_IM  RPRUN_IM
                     2            3            4            5            5            1            1
    
```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
    
```

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

===== SEASON 8 AUGUST =====
THERMAL UNIT          52          53          54          55          56          57          58
                     P SPORN    P SPORN    P SPORN    P SPORN    PICWAY    RPRET_IM  RPRUN_IM
                     2            3            4            5            5            1            1
    
```

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

```

===== SEASON 8 AUGUST =====
THERMAL UNIT          59          61          62          63          64          65          66
                     ROCKP_IM  STUART    STUART    STUART    STUART    AMOS_AP   TANN 1-3
                     2            1            2            3            4            3            1
    
```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
    
```

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

===== SEASON 8	AUGUST =====							
THERMAL UNIT	67	68	69	70	71	72	73	
	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE	
	2	3	4	1	1	2	3	

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	162	162	162
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
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----- YEAR 2028 -----

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 8		AUGUST =====							
THERMAL UNIT		67	68	69	70	71	72	73	
	TANN 1-3		TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE	
	2		3	4	1	1	2	3	

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

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

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

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

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

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

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

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

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

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

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

===== SEASON 8		AUGUST =====							
THERMAL UNIT		75	76	77	78	79	80	81	
	CEREDO		CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY	
	1		2	3	4	5	6	1	

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

===== SEASON 8	AUGUST	=====							
THERMAL UNIT		82	83	84	85	86	87	88	
	DARBY	2	3	4	5	6	LWBG WIN 1	LWBG WIN 2	
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 8	AUGUST	=====							
THERMAL UNIT		89	90	91	92	93	94	96	
	LWBG SMR	1	LWBG SMR 2	WATR CC 1	WATR2 1	DRESDEN 1	DRES2 1	CT_APC0 1	
----- YEAR 2011 -----									

SEASONAL HEAT RATE PROFILE

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	0	0	0	0	0	0
--	---	---	---	---	---	---

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

===== SEASON 8 AUGUST =====

THERMAL UNIT	97	98	99	100	101	102	103
	CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM
	1	1	1	1	1	1	1

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0
----------------------------	---	---	---	---	---	---

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

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

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

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

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

===== SEASON 8 AUGUST =====
THERMAL UNIT
 104 105 106 107 108 109 110
 PC_UL_IM NUKE_IM CT_KPCO CC_KPCO IGCC_KP PC_UL_KP NUKE_KP
 1 1 1 1 1 1 1

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
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----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 8 AUGUST =====
THERMAL UNIT
 104 105 106 107 108 109 110
 PC_UL_IM NUKE_IM CT_KPCO CC_KPCO IGCC_KP PC_UL_KP NUKE_KP
 1 1 1 1 1 1 1

----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
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----- YEAR 2028 -----
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 ----- YEAR 2040 -----

===== SEASON 8 AUGUST =====
 THERMAL UNIT 111 112 113 114 115 116 118
 CT_OHIO CC_OH IGCC OH PC_UL_OH NUKE OH CC_FA_KP BS1_Gas
 1 1 1 1 1 1 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2040 -----

===== SEASON 8 AUGUST =====
 THERMAL UNIT 119 120 121 122 126 127 129
 BS_RPWR BS_BFCC BS2 FGD BS_BF50 CSV5_SCR CSV6_SCR CR1_NGCC
 1 1 23 1 5 6 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 8 AUGUST =====								
THERMAL UNIT	119	120	121	122	126	127	129	
	BS_RPWR	BS_BFCC	BS2_FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CR1_NGCC	
	1	1	23	1	5	6	1	
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 8 AUGUST =====							
THERMAL UNIT	130	131	132	133	134	135	136
	CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP
	2	5	5	1	2	4	1

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2011 -----							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 8 AUGUST =====
 THERMAL UNIT 137 144 153 185 186 187 188
 RP2D_KP TC4_ESP MTN_18% RP1D_03 RP1TR_IM RP2TR_IM RP1TR_KP
 2 4 1 1 1 2 1

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----	SEASONAL HEAT RATE PROFILE	0	0	150	0	0	0	0
----- YEAR 2015 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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----- YEAR 2040 -----								

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===== SEASON 8 AUGUST =====
THERMAL UNIT          189      190      191      193      194      195      196
                      RP2TR_KP  T4_TRONA  T4_TRCCR  ML_KP20  ML_KP20  ML_KP50  ML_KP50
                      2          4          4          1          2          1          2
----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----

```

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

===== SEASON 8 AUGUST =====
THERMAL UNIT          189      190      191      193      194      195      196
                      RP2TR_KP  T4_TRONA  T4_TRCCR  ML_KP20  ML_KP20  ML_KP50  ML_KP50
                      2          4          4          1          2          1          2
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
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----- YEAR 2022 -----
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----- YEAR 2030 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

===== SEASON 8 AUGUST =====
THERMAL UNIT          500      501      502      503      954      955      956
                      DUMMY_OP  DUMMY_IM  DUMMY_AP  DUMMY_KP  ES_BF50  CT_KPC0  CT_KPC0
                      0          0          0          0          954      955      956
----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----

```

----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 8 AUGUST =====		957	958	959	960	961	962	963
THERMAL UNIT	CT_KPC0	CT_KPC0	CC_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	
	957	958	959	960	961	962	963	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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----- YEAR 2020 -----								
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----- YEAR 2023 -----								
----- YEAR 2024 -----								

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```

===== SEASON 8 AUGUST =====
THERMAL UNIT
          957          958          959          960          961          962          963
        CT_KPC0      CT_KPC0      CC_KPC0      RP2D_KP      RP2D_IM      CSV6_SCR      CSV5_SCR
          957          958          959          960          961          962          963
    
```

```

----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- 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 =====
THERMAL UNIT
          964          965          966          967          968          969          970
        DUMMY_OP      RP1D_KP      RP1D_03      CR2_NGCC      CR1_NGCC      MR5_NGCC      RP2TR_KP
          964          965          966          967          968          969          970
    
```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
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----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
    
```

----- YEAR 2039 -----		===== SEASON 8 AUGUST =====						
THERMAL UNIT		971	972	973	974	975	976	977
SEASONAL HEAT RATE PROFILE		RP2TR_IN	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		971	972	973	974	975	976	977
		971	972	973	974	975	976	977
----- YEAR 2011 -----		0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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----- YEAR 2035 -----								
----- YEAR 2036 -----								

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 8 AUGUST =====								
THERMAL UNIT		971	972	973	974	975	976	977
SEASONAL HEAT RATE PROFILE		RP2TR_IN	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		971	972	973	974	975	976	977
		971	972	973	974	975	976	977
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
===== SEASON 8 AUGUST =====								
THERMAL UNIT		978	979	980	981	982	983	984
SEASONAL HEAT RATE PROFILE		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		978	979	980	981	982	983	984
		978	979	980	981	982	983	984
----- YEAR 2011 -----		0	0	0	0	0	0	0
----- YEAR 2012 -----								

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

===== SEASON 8 AUGUST =====
THERMAL UNIT
 985 986 987 988 989 990 991
 DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP
 985 986 987 988 989 990 991

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
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 ----- YEAR 2040 -----

THERMAL UNIT	SEASON 8	AUGUST	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_KP 995	996 DUMMY_OP 996	997 DUMMY_OP 997	998 T4_TRONA 998
--------------	----------	--------	------------------------	------------------------	------------------------	------------------------	------------------------	------------------------	------------------------

----- YEAR 2011 -----			0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE									
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 8	AUGUST	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_KP 995	996 DUMMY_OP 996	997 DUMMY_OP 997	998 T4_TRONA 998
--------------	----------	--------	------------------------	------------------------	------------------------	------------------------	------------------------	------------------------	------------------------

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

===== SEASON 8 AUGUST =====
 THERMAL UNIT
 999
 DUMMY_OP
 999

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2040 -----

===== SEASON 9 SEPTEMBER =====
 THERMAL UNIT
 AMOS 1 AMOS 2 AMOS_OP 3 BECKJORD 4 BIG SAND 5 BIG SAND 6 CARD 1+2 7
 1 2 3 6 1 2 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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----- YEAR 2020 -----
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----- YEAR 2027 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 9 SEPTEMBER =====		1	2	3	4	5	6	7
THERMAL UNIT		AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
		1	2	3	6	1	2	1

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

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

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 9 SEPTEMBER =====								
THERMAL UNIT	15	16	17	18	19	20	21	
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4	
	6	1	2	3	1	2	3	

----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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 AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

===== SEASON 9 SEPTEMBR =====
THERMAL UNIT
                15          16          17          18          19          20          21
                CLIFTY    CLINCH R    CLINCH R    CLINCH R    ROCKP_KP    ROCKP_KP    CSVL 1-4
                6          1          2          3          1          2          3
  
```

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

```

===== SEASON 9 SEPTEMBR =====
THERMAL UNIT
                22          23          24          25          26          27          28
                CSVL 1-4    CSVL 5+6    CSVL 5+6    D C COOK    D C COOK    GAVIN      GAVIN
                4          5          6          1          2          1          2
  
```

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 19

----- YEAR 2012 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

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

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

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

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

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

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

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

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

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----- 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 -----

```

===== SEASON 9 SEPTEMBR =====
THERMAL UNIT
                29          30          33          34          35          36          37
                GLEN LYN    GLEN LYN    KAMMER      KAMMER      KAMMER      KANAWHA    KANAWHA
                5          6          1          2          3          1          2
  
```

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

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

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

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

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

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

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

===== SEASON 9 SEPTEMBER =====								
THERMAL UNIT	38	39	40	41	42	43	44	
	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL	
	1	2	3	4	5	1	2	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 9 SEPTEMBER =====								
THERMAL UNIT	38	39	40	41	42	43	44	
	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL	
	1	2	3	4	5	1	2	
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
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 ----- YEAR 2040 -----

===== SEASON 9 SEPTEMBER =====				45	46	47	48	49	50	51
THERMAL UNIT				MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
				1	1	2	3	4	5	1
-----	YEAR 2011	-----		45	0	0	0	0	0	0
SEASONAL	HEAT RATE PROFILE									
-----	YEAR 2012	-----		0	0	0	0	0	0	0
SEASONAL	HEAT RATE PROFILE									
-----	YEAR 2013	-----								
-----	YEAR 2014	-----		45	0	0	0	0	0	0
SEASONAL	HEAT RATE PROFILE									
-----	YEAR 2015	-----		0	0	0	0	0	0	0
SEASONAL	HEAT RATE PROFILE									
-----	YEAR 2016	-----								
-----	YEAR 2017	-----								
-----	YEAR 2018	-----								
-----	YEAR 2019	-----								
-----	YEAR 2020	-----								
-----	YEAR 2021	-----								
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-----	YEAR 2027	-----								
-----	YEAR 2028	-----								
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-----	YEAR 2030	-----								
-----	YEAR 2031	-----								
-----	YEAR 2032	-----								
-----	YEAR 2033	-----								
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-----	YEAR 2035	-----								
-----	YEAR 2036	-----								
-----	YEAR 2037	-----								
-----	YEAR 2038	-----								
-----	YEAR 2039	-----								

4A Input.txt

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

===== SEASON 9 SEPTEMBR =====								
THERMAL UNIT	52	53	54	55	56	57	58	
	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRET_IM	RPRUN_IM	
	2	3	4	5	5	1	1	

----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	

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

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

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

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

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

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

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

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

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

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

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

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

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

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 9 SEPTEMBR =====								
THERMAL UNIT	52	53	54	55	56	57	58	
	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRET_IM	RPRUN_IM	
	2	3	4	5	5	1	1	

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

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

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

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

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

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

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

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

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

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

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

===== SEASON 9 SEPTEMBR =====								
THERMAL UNIT	59	61	62	63	64	65	66	
	ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3	
	2	1	2	3	4	3	1	

----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	

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

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

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

----- YEAR 2015 -----
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		===== SEASON 9 SEPTEMBER =====						
THERMAL UNIT		67	68	69	70	71	72	73
		TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE
		2	3	4	1	1	2	3
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	162	162	162

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 9 SEPTEMBER =====							DARBY	81
	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6	81		
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
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----- YEAR 2033 -----									
----- YEAR 2034 -----									
----- YEAR 2035 -----									
----- YEAR 2036 -----									
----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									

4A Input.txt

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

```

===== SEASON 9 SEPTEMBR =====
THERMAL UNIT
          DARBY 82      DARBY 83      DARBY 84      DARBY 85      DARBY 86      LWBG WIN 87      LWBG WIN 88
          2          3          4          5          6          1          2

```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0

```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

===== SEASON 9 SEPTEMBR =====
THERMAL UNIT
          LWBG SMR 89      LWBG SMR 90      WATR CC 91      WATR2 92      DRESDEN 93      DRES2 94      CT_APC0 96
          1          2          1          1          1          1          1

```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0

```

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

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

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

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

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

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

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

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

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 9 SEPTEMBR =====		89	90	91	92	93	94	96
THERMAL UNIT		LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRESD2	CT_APCO
		1	2	1	1	1	1	1
----- YEAR 2023 -----								
----- YEAR 2024 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 9 SEPTEMBR =====		97	98	99	100	101	102	103
THERMAL UNIT		CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM
		1	1	1	1	1	1	1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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----- YEAR 2030 -----								

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

===== SEASON 9 SEPTEMBER =====		104	105	106	107	108	109	110
THERMAL UNIT		PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC_KP	PC_UL_KP	NUKE_KP
-----	YEAR 2011 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0
-----	YEAR 2012 -----							
-----	YEAR 2013 -----							
-----	YEAR 2014 -----							
-----	YEAR 2015 -----							
-----	YEAR 2016 -----							
-----	YEAR 2017 -----							
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-----	YEAR 2021 -----							
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-----	YEAR 2030 -----							
-----	YEAR 2031 -----							
-----	YEAR 2032 -----							
-----	YEAR 2033 -----							
-----	YEAR 2034 -----							

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 9 SEPTEMBER =====		104	105	106	107	108	109	110
THERMAL UNIT		PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC_KP	PC_UL_KP	NUKE_KP
-----	YEAR 2035 -----	1	1	1	1	1	1	1
-----	YEAR 2036 -----							
-----	YEAR 2037 -----							

4A Input.txt

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

===== SEASON 9 SEPTEMBER =====
 THERMAL UNIT
 111 112 113 114 115 116 118
 CT_OHIO CC_OH IGCC OH PC_UL_OH NUKE OH CC_FA_KP BS1_Gas
 1 1 1 1 1 1 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 9 SEPTEMBER =====
 THERMAL UNIT
 119 120 121 122 126 127 129
 BS_RPWR BS_BFCC BS2 FGD BS_BF50 CSV5_SCR CSV6_SCR CRI_NGCC
 1 1 23 1 5 6 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2016 -----
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----- YEAR 2021 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 9 SEPTEMBER =====							
THERMAL UNIT	130	131	132	133	134	135	136
	CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP
	2	5	5	1	2	4	1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 9 SEPTEMBER =====							
THERMAL UNIT	130	131	132	133	134	135	136
	CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP
	2	5	5	1	2	4	1

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

===== SEASON 9 SEPTEMBER =====
 THERMAL UNIT
 137 144 153 185 186 187 188
 RP2D_KP TC4_ESP MTN_18% RP1D_03 RP1TR_IM RP2TR_IM RP1TR_KP
 2 4 1 1 1 2 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 SEASONAL HEAT RATE PROFILE 0 0 45 0 0 0 0
 ----- YEAR 2015 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 9 SEPTEMBER =====
 THERMAL UNIT
 189 190 191 193 194 195 196
 RP2TR_KP T4_TRONA T4_TRCCR ML_KP20 ML_KP20 ML_KP50 ML_KP50
 2 4 4 1 2 1 2

4A Input.txt

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----

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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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Strategist Page 647

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

===== SEASON 9 SEPTEMBER =====
THERMAL UNIT          189          190          191          193          194          195          196
                    RP2TR_KP  T4_TROMA  T4_TRCCR  ML_KP20  ML_KP20  ML_KP50  ML_KP50
                    2          4          4          1          2          1          2
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

===== SEASON 9 SEPTEMBER =====
THERMAL UNIT          500          501          502          503          954          955          956
                    DUMMY_OP  DUMMY_IM  DUMMY_AP  DUMMY_KP  BS_BF50  CT_KPC0  CT_KPC0
                    0          0          0          0          954          955          956
----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----

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----- YEAR 2018 -----
----- YEAR 2019 -----
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----- YEAR 2032 -----
----- YEAR 2033 -----
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----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 9 SEPTEMBR =====
THERMAL UNIT
 957 958 959 960 961 962 963
 CT_KPC0 CT_KPC0 CC_KPC0 RP2D_KP RP2D_IM CSV6_SCR CSV5_SCR
 957 958 959 960 961 962 963

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
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----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----

----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 9 SEPTEMBER =====							
THERMAL UNIT	957	958	959	960	961	962	963
CT_KPC0	CT_KPC0	CC_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	
	957	958	959	960	961	962	963

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

===== SEASON 9 SEPTEMBER =====							
THERMAL UNIT	964	965	966	967	968	969	970
DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	
	964	965	966	967	968	969	970

SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

----- YEAR 2011 -----
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
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----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 9 SEPTEMBER =====

THERMAL UNIT	4A Input.txt						
	971 RP2TR_IM 971	972 DUMMY_OP 972	973 DUMMY_OP 973	974 DUMMY_OP 974	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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----- YEAR 2030 -----							
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----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

THERMAL UNIT	SEASON 9 SEPTEMBER						
	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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Strategist Page 649

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 9 SEPTEMBER						
	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							

----- YEAR 2016 -----
----- YEAR 2017 -----
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----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 9 SEPTEMBR =====
THERMAL UNIT

	985 DUMMY_OP 985	986 DUMMY_OP 986	987 DUMMY_OP 987	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
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 ----- YEAR 2040 -----

===== SEASON 9 SEPTEMBER =====		992	993	994	995	996	997	998
THERMAL UNIT	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_KP	DUMMY_OP	DUMMY_OP	T4_TRONA	
	992	993	994	995	996	997	998	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 9 SEPTEMBER =====		992	993	994	995	996	997	998
THERMAL UNIT	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_KP	DUMMY_OP	DUMMY_OP	T4_TRONA	
	992	993	994	995	996	997	998	

----- YEAR 2028 -----
 ----- YEAR 2029 -----
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 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
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 ----- YEAR 2039 -----

----- YEAR 2040 -----
===== SEASON 9 SEPTEMBER =====
THERMAL UNIT 999
DUMMY_OF 999

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0

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

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

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

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

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

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

===== SEASON 10 OCTOBER =====
THERMAL UNIT
AMOS 1 AMOS 2 AMOS_OP 3 BECKJORD 4 BIG SAND 5 BIG SAND 6 CARD 1+2 7
1 2 3 6 1 2 1

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0 0

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

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

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 10 OCTOBER =====		1	2	3	4	5	6	7
THERMAL UNIT		AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
		1	2	3	6	1	2	1
----- YEAR 2040 -----								
===== SEASON 10 OCTOBER =====		8	9	10	11	12	13	14
THERMAL UNIT		CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
		2	3	1	2	3	4	5
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

		===== SEASON 10 OCTOBER =====						
THERMAL UNIT		15	16	17	18	19	20	21
		CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
		6	1	2	3	1	2	3
-----	YEAR 2011 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0
-----	YEAR 2012 -----							
-----	YEAR 2013 -----							
-----	YEAR 2014 -----							
-----	YEAR 2015 -----							
-----	YEAR 2016 -----							
-----	YEAR 2017 -----							
-----	YEAR 2018 -----							
-----	YEAR 2019 -----							
-----	YEAR 2020 -----							
-----	YEAR 2021 -----							
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-----	YEAR 2025 -----							
-----	YEAR 2026 -----							
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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 =====						
THERMAL UNIT		22	23	24	25	26	27	28
		CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
		4	5	6	1	2	1	2
-----	YEAR 2011 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	19
-----	YEAR 2012 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 10 OCTOBER =====
 THERMAL UNIT
 22 23 24 25 26 27 28
 CSVL 1-4 CSVL 5+6 CSVL 5+6 D C COOK D C COOK GAVIN GAVIN
 4 5 6 1 2 1 2

----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 10 OCTOBER =====
 THERMAL UNIT
 29 30 33 34 35 36 37
 GLEN LYN GLEN LYN KAMMER KAMMER KAMMER KANAUHA KANAUHA
 5 6 1 2 3 1 2

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----

----- YEAR 2021 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2034 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

	===== SEASON 10	OCTOBER	=====								
THERMAL UNIT				38	39	40	41	42	43	44	
				KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL	
				1	2	3	4	5	1	2	

----- YEAR 2011 -----											
SEASONAL HEAT RATE PROFILE				0	0	0	0	0	0	0	0
----- YEAR 2012 -----											
----- YEAR 2013 -----											
----- YEAR 2014 -----											
----- YEAR 2015 -----											
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----- YEAR 2027 -----											
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----- YEAR 2029 -----											
----- YEAR 2030 -----											

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===== SEASON 10 OCTOBER =====
 THERMAL UNIT 38 39 40 41 42 43 44
 KYGER 1 KYGER 2 KYGER 3 KYGER 4 KYGER 5 MITCHELL 1 MITCHELL 2

- 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 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 -----								
SEASONAL HEAT RATE PROFILE	150	0	0	0	0	0	0	0
----- YEAR 2012 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2013 -----								
----- YEAR 2014 -----								
SEASONAL HEAT RATE PROFILE	45	0	0	0	0	0	0	0
----- YEAR 2015 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
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----- YEAR 2037 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 10 OCTOBER =====
 THERMAL UNIT 52 53 54 55 56 57 58
 P SPORN P SPORN P SPORN P SPORN PICWAY RPRET_IM RPRUN_IM

	2	4A Input.txt 3	4	5	5	1	1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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----- YEAR 2040 -----							

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

	59 ROCKP_IH 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
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----- YEAR 2019 -----
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----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 10 OCTOBER =====									
THERMAL UNIT		67	68	69	70	71	72	73	
	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE		
	2	3	4	1	1	2	3		
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	162	162	162	

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

===== SEASON 10	OCTOBER	=====							
THERMAL UNIT			75	76	77	78	79	80	81
			CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY
			1	2	3	4	5	6	1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 10	OCTOBER	=====							
THERMAL UNIT			75	76	77	78	79	80	81
			CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY
			1	2	3	4	5	6	1

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

===== SEASON 10	OCTOBER	=====							
THERMAL UNIT			82	83	84	85	86	87	88
			DARBY	DARBY	DARBY	DARBY	DARBY	LWBG WIN	LWBG WIN
			2	3	4	5	6	1	2

4A Input.txt

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----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE           0           0           0           0           0           0           0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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----- SEASON 10  OCTOBER -----
THERMAL UNIT
          89          90          91          92          93          94          96
        LWBG SMR    LWBG SMR    WATR CC    WATR2    DRESDEN    DRES2    CT_APC0
          1           2           1           1           1           1           1

```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE           0           0           0           0           0           0           0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
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----- YEAR 2025 -----

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 10 OCTOBER =====
 THERMAL UNIT
 89 90 91 92 93 94 96
 LWBG SMR LWBG SMR WATR CC WATR2 DRESDEN DRESD2 CT_APC0
 1 2 1 1 1 1 1

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

===== SEASON 10 OCTOBER =====
 THERMAL UNIT
 97 98 99 100 101 102 103
 CC_APC0 IGCC AP PC_UL_AP Nuke_AP CT_I&M CC_I&M IGCC IM
 1 1 1 1 1 1 1

SEASONAL HEAT RATE PROFILE
 ----- YEAR 2011 ----- 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

4A Input.txt

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

===== SEASON 10 OCTOBER =====
 THERMAL UNIT
 104 105 106 107 108 109 110
 PC_UL_IM NUKE_IM CT_KPCO CC_KPCO IGCC_KP PC_UL_KP NUKE_KP
 1 1 1 1 1 1 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 10 OCTOBER =====
 THERMAL UNIT
 111 112 113 114 115 116 118
 CT_OHIO CC_OH IGCC_OH PC_UL_OH NUKE_OH CC_FA_KP BS1_Gas
 1 1 1 1 1 1 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

THERMAL UNIT	111	112	113	114	115	116	118
	CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas
	1	1	1	1	1	1	1

----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
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----- YEAR 2021 -----
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----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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

THERMAL UNIT	119	120	121	122	126	127	129
	BS_RPWR	BS_BFCC	BS2 FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CR1_NGCC
	1	1	23	1	5	6	1

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 10 OCTOBER =====								
THERMAL UNIT		130	131	132	133	134	135	136
		CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP
		2	5	5	1	2	4	1

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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----- YEAR 2021 -----								
----- YEAR 2022 -----								
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 10 OCTOBER =====								
THERMAL UNIT		130	131	132	133	134	135	136
		CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP
		2	5	5	1	2	4	1

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

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

----- SEASON 10 OCTOBER -----
 THERMAL UNIT
 137 144 153 185 186 187 188
 RP2D_KP TC4_ESP MTN_18% RP1D_03 RP1TR_IM RP2TR_IM RP1TR_KP
 2 4 1 1 1 2 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 SEASONAL HEAT RATE PROFILE 0 0 45 0 0 0 0

----- YEAR 2015 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

----- YEAR 2016 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

----- SEASON 10 OCTOBER -----
 THERMAL UNIT
 189 190 191 193 194 195 196
 RP2TR_KP T4_TROMA T4_TRCCR ML_KP20 ML_KP20 ML_KP50 ML_KP50
 2 4 4 1 2 1 2

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 10	OCTOBER	=====						
THERMAL UNIT								
	189	190	191	193	194	195	196	
	RP2TR_KP	T4_TRONA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50	
	2	4	4	1	2	1	2	
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
===== SEASON 10	OCTOBER	=====						
THERMAL UNIT								
	500	501	502	503	954	955	956	
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BF50	CT_KPC0	CT_KPC0	
	0	0	0	0	954	955	956	
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 10 OCTOBER =====
THERMAL UNIT
 957 958 959 960 961 962 963
 CT_KPC0 CT_KPC0 CC_KPC0 RP2D_KP RP2D_IM CSV6_SCR CSV5_SCR
 957 958 959 960 961 962 963

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
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----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----

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

===== SEASON 10 OCTOBER =====		964	965	966	967	968	969	970
THERMAL UNIT	DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	
	964	965	966	967	968	969	970	

----- YEAR 2011 -----	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 10 OCTOBER =====		964	965	966	967	968	969	970
THERMAL UNIT	DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	
	964	965	966	967	968	969	970	

----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
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----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 10 OCTOBER =====		971	972	973	974	975	976	977
THERMAL UNIT	RP2TR_IH	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	971	972	973	974	975	976	977	

----- YEAR 2011 -----	0	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 -----
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----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```
===== SEASON 10 OCTOBER =====
THERMAL UNIT          978          979          980          981          982          983          984
                     DUMMY_OP   DUMMY_OP   DUMMY_OP   DUMMY_OP   DUMMY_OP   DUMMY_OP   DUMMY_OP
                     978          979          980          981          982          983          984
```

```
----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 10 OCTOBER =====									
THERMAL UNIT		978	979	980	981	982	983	984	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	978	979	980	981	982	983	984		
----- YEAR 2028 -----									
----- 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		985	986	987	988	989	990	991	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	985	986	987	988	989	990	991		
----- 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 -----

===== SEASON 10	OCTOBER	=====							
THERMAL UNIT		992	993	994	995	996	997	998	
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_KP	DUMMY_OP	DUMMY_OP	T4_TRONA	
		992	993	994	995	996	997	998	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 10	OCTOBER	=====							
THERMAL UNIT		992	993	994	995	996	997	998	
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_KP	DUMMY_OP	DUMMY_OP	T4_TRONA	
		992	993	994	995	996	997	998	

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

===== SEASON 10	OCTOBER	=====	
THERMAL UNIT		999	
		DUMMY_OP	

999

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

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0

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-----
----- SEASON 11 NOVEMBER -----
THERMAL UNIT
          AMOS      1      AMOS      2      AMOS_OP    3      BECKJORD    4      BIG SAND    5      BIG SAND    6      CARD 1+2    7
          1          2          3          6          1          2          1
----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE
          0          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----

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

```

```

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

```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----

```

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Strategist Page 663

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

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

```

```

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

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

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

THERMAL UNIT	15 CLIFTY	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
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----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

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

THERMAL UNIT	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	19
----- YEAR 2012 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2030 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

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

THERMAL UNIT	29	30	33	34	35	36	37
GLEN LYN	5	6	1	2	3	1	2
		GLEN LYN	KAMMER	KAMMER	KAMMER	KANAUHA	KANAUHA

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2017 -----
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 ----- YEAR 2021 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 11 NOVEMBER =====		38	39	40	41	42	43	44
THERMAL UNIT		KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL
		1	2	3	4	5	1	2
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
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----- YEAR 2020 -----								
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----- YEAR 2039 -----								

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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Strategist Page 665

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- SEASON 11 NOVEMBER -----									
THERMAL UNIT	45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4	50 MUSK RVR 5	51 P SPORN 1		
----- YEAR 2011 -----									
SEASONAL HEAT RATE PROFILE	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 -----									
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----- YEAR 2036 -----									
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----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									
===== SEASON 11 NOVEMBER =====									
THERMAL UNIT	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1		
----- YEAR 2011 -----									
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0		
----- YEAR 2012 -----									

----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2034 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 11 NOVEMBER =====							
THERMAL UNIT	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TAMN 1-3 1

----- YEAR 2011 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 11 NOVEMBER =====							
THERMAL UNIT	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TAMN 1-3 1

----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 11 NOVEMBER =====
 THERMAL UNIT

	67	68	69	70	71	72	73
TANN 1-3	2	3	4	1	1	2	3

----- YEAR 2011 -----	0	0	0	0	164	164	164
SEASONAL HEAT RATE PROFILE							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
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----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
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----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							

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

===== SEASON 11 NOVEMBER =====
 THERMAL UNIT
 CEREDO 75 CEREDO 76 CEREDO 77 CEREDO 78 CEREDO 79 CEREDO 80 DARBY 81
 1 2 3 4 5 6 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2020 -----
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 ----- 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.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 11 NOVEMBER =====
 THERMAL UNIT
 CEREDO 75 CEREDO 76 CEREDO 77 CEREDO 78 CEREDO 79 CEREDO 80 DARBY 81
 1 2 3 4 5 6 1

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

===== SEASON 11 NOVEMBER =====
 THERMAL UNIT
 DARBY 82 DARBY 83 DARBY 84 DARBY 85 DARBY 86 LWBG WIN 87 LWBG WIN 88
 2 3 4 5 6 1 2

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

SEASONAL HEAT RATE PROFILE

4A Input.txt

0 0 0 0 0 0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

THERMAL UNIT	89	90	91	92	93	94	96
	LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRES2	CT_APC0
	1	2	1	1	1	1	1

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

SEASONAL HEAT RATE PROFILE

0 0 0 0 0 0 0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

===== SEASON 11 NOVEMBER =====								
THERMAL UNIT	97	98	99	100	101	102	103	
	CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM	
	1	1	1	1	1	1	1	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 11 NOVEMBER =====								
THERMAL UNIT	97	98	99	100	101	102	103	
	CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM	
	1	1	1	1	1	1	1	

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

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

===== SEASON 11 NOVEMBER =====
 THERMAL UNIT

	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
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----- YEAR 2021 -----							
----- YEAR 2022 -----							
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----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
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----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

===== SEASON 11 NOVEMBER =====
 THERMAL UNIT

	111 CT_OHIO 1	112 CC_OH 1	113 IGCC OH 1	114 PC_UL_OH 1	115 NUKE OH 1	116 CC_FA_KP 1	118 BS1_Gas 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 11 NOVEMBER =====
 THERMAL UNIT 111 112 113 114 115 116 118
 CT_OHIO CC_OH IGCC OH PC_UL_OH NUKE OH CC_FA_KP BS1_Gas
 1 1 1 1 1 1 1

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

===== SEASON 11 NOVEMBER =====
 THERMAL UNIT 119 120 121 122 126 127 129
 BS_RPWR BS_BFCC BS2_FGD BS_BF50 CSV5_SCR CSV6_SCR CR1_NGCC
 1 1 23 1 5 6 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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----- YEAR 2025 -----
 ----- YEAR 2026 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

THERMAL UNIT	130 CR2_NGCC 2	131 MR5_NGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- 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 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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4A Input.txt
 QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

===== SEASON 11 NOVEMBER =====
THERMAL UNIT          130      131      132      133      134      135      136
                      CR2_NGCC MR5_NGCC MR5_FGD RP1D_IM RP2D_IM TAN4_FGD RP1D_KP
                      2          5          5          1          2          4          1
  
```

```

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

```

===== SEASON 11 NOVEMBER =====
THERMAL UNIT          137      144      153      185      186      187      188
                      RP2D_KP TC4_ESP MTN_18% RP1D_03 RP1TR_IM RP2TR_IM RP1TR_KP
                      2          4          1          1          1          2          1
  
```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
SEASONAL HEAT RATE PROFILE          0          0          45          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 -----
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----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
  
```

```

===== SEASON 11 NOVEMBER =====
THERMAL UNIT          189      190      191      193      194      195      196
                      RP2TR_KP T4_TROMA T4_TRCCR ML_KP20 ML_KP20 ML_KP50 ML_KP50
                      2          4          4          1          2          1          2
  
```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
  
```

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

```

```

===== SEASON 11 NOVEMBER =====
THERMAL UNIT          500          501          502          503          954          955          956
                     DUMMY_OP   DUMMY_IM   DUMMY_AP   DUMMY_KP   BS_BF50   CT_KPC0   CT_KPC0
                     0           0           0           0           954       955       956

```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----

```

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

===== SEASON 11 NOVEMBER =====
THERMAL UNIT          500          501          502          503          954          955          956
                     DUMMY_OP   DUMMY_IM   DUMMY_AP   DUMMY_KP   BS_BF50   CT_KPC0   CT_KPC0
                     0           0           0           0           954       955       956

```

```

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

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----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
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----- YEAR 2026 -----
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----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
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----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 11 NOVEMBER =====
THERMAL UNIT
 957 958 959 960 961 962 963
 CT_KPC0 CT_KPC0 CC_KPC0 RP2D_KP RP2D_IM CSV6_SCR CSV5_SCR
 957 958 959 960 961 962 963

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
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----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----

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

----- SEASON 11 NOVEMBER -----
THERMAL UNIT
DUMMY_OP 964
RP1D_KP 965
RP1D_03 966
CR2_NGCC 967
CR1_NGCC 968
MR5_NGCC 969
RP2TR_KP 970

----- 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 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- SEASON 11 NOVEMBER -----
THERMAL UNIT
DUMMY_OP 964
RP1D_KP 965
RP1D_03 966
CR2_NGCC 967
CR1_NGCC 968
MR5_NGCC 969
RP2TR_KP 970

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

----- SEASON 11 NOVEMBER -----
THERMAL UNIT
RP2TR_IN 971
DUMMY_OP 972
DUMMY_OP 973
DUMMY_OP 974
DUMMY_OP 975
DUMMY_OP 976
DUMMY_OP 977

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0 0
----- YEAR 2012 -----

----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 11 NOVEMBER =====
 THERMAL UNIT

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

----- YEAR 2011 -----
 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 -----
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----- YEAR 2029 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 11 NOVEMBER =====
 THERMAL UNIT 978 979 980 981 982 983 984
 DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP
 978 979 980 981 982 983 984

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

===== SEASON 11 NOVEMBER =====
 THERMAL UNIT 985 986 987 988 989 990 991
 DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP
 985 986 987 988 989 990 991

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2030 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 11 NOVEMBER =====
THERMAL UNIT

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

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
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----- YEAR 2019 -----
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----- YEAR 2030 -----
----- YEAR 2031 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 11 NOVEMBER =====
THERMAL UNIT

999
DUMMY_OP
999

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 11 NOVEMBER =====
THERMAL UNIT
999
DUMMY_OP
999

----- 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 -----

===== SEASON 12 DECEMBER =====
THERMAL UNIT

	1	2	3	4	5	6	7
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
	1	2	3	4	5	6	7
	1	2	3	6	1	2	1
----- YEAR 2011 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
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----- YEAR 2026 -----							

----- YEAR 2034 -----
 ----- YEAR 2035 -----
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 ----- YEAR 2038 -----
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 ----- YEAR 2040 -----

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

THERMAL UNIT	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
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----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

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

THERMAL UNIT	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	19
----- YEAR 2012 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							

----- YEAR 2017 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 12 DECEMBER =====		29	30	33	34	35	36	37
THERMAL UNIT		GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2
-----	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 -----							
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-----	YEAR 2021 -----							
-----	YEAR 2022 -----							
-----	YEAR 2023 -----							
-----	YEAR 2024 -----							
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-----	YEAR 2026 -----							

----- YEAR 2027 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 12 DECEMBER =====
 THERMAL UNIT

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

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
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 ----- 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 -----

===== SEASON 12 DECEMBER =====
 THERMAL UNIT

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

4A Input.txt

YEAR	SEASONAL HEAT RATE PROFILE	150	0	0	0	0	0	0
2011								
2012		0	0	0	0	0	0	0
2013								
2014		45	0	0	0	0	0	0
2015		0	0	0	0	0	0	0
2016								
2017								
2018								
2019								
2020								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
02/07/13 15:50:52 V04.0 R03.0

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

YEAR 2021
YEAR 2022
YEAR 2023
YEAR 2024
YEAR 2025
YEAR 2026
YEAR 2027
YEAR 2028
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 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1
--------------	--------------------	--------------------	--------------------	--------------------	-------------------	---------------------	---------------------

YEAR 2011	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TAMN 1-3 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 12 DECEMBER =====							
THERMAL UNIT	59	61	62	63	64	65	66
ROCKP_IM	2	1	2	3	4	3	1
		STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3

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

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

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

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

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

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

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

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

===== SEASON 12 DECEMBER =====							
THERMAL UNIT	67	68	69	70	71	72	73
TANN 1-3	2	3	4	1	1	2	3
		TANN 1-3	TANN 4	ZIMMER	ROBTHONE	ROBTHONE	ROBTHONE

SEASONAL HEAT RATE PROFILE	0	0	0	0	164	164	164
----------------------------	---	---	---	---	-----	-----	-----

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

----- 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	75	76	77	78	79	80	81	
	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY	
	1	2	3	4	5	6	1	

----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 12 DECEMBER =====								
THERMAL UNIT	82	83	84	85	86	87	88	
	DARBY	DARBY	DARBY	DARBY	DARBY	LWBG WIN	LWBG WIN	
	2	3	4	5	6	1	2	

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

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

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2019 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 12 DECEMBER =====
 THERMAL UNIT
 89 90 91 92 93 94 96
 LWBG SMR LWBG SMR WATR CC WATR2 DRESDEN DRESD2 CT_APC0
 1 2 1 1 1 1 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2029 -----

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

===== SEASON 12 DECEMBER =====							
THERMAL UNIT	97 CC_APCO	98 IGCC AP	99 PC_UL_AP	100 Nuke_AP	101 CT_I&M	102 CC_I&M	103 IGCC IM
----- YEAR 2011 -----	1	1	1	1	1	1	1
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- 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.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = G&F.INPUT.THERMAL UNIT.

===== SEASON 12 DECEMBER =====							
THERMAL UNIT	97 CC_APCO	98 IGCC AP	99 PC_UL_AP	100 Nuke_AP	101 CT_I&M	102 CC_I&M	103 IGCC IM
----- YEAR 2024 -----	1	1	1	1	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 -----							

4A Input.txt

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

===== SEASON 12 DECEMBER =====
 THERMAL UNIT

	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC_KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
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----- YEAR 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

	111 CT_OHIO 1	112 CC_OH 1	113 IGCC OH 1	114 PC_UL_OH 1	115 NUKE OH 1	116 CC_FA_KP 1	118 BS1_Gas 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							

----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 12 DECEMBER =====
 THERMAL UNIT
 111 112 113 114 115 116 118
 CT_OHIO CC_OH IGCC OH PC_UL_OH NUKE OH CC_FA_KP BS1_Gas
 1 1 1 1 1 1 1

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

===== SEASON 12 DECEMBER =====
 THERMAL UNIT
 119 120 121 122 126 127 129
 BS_RPWR BS_BFCC BS2 FGD BS_BF50 CSV5_SCR CSV6_SCR CRI_NGCC
 1 1 23 1 5 6 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----

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

	130	131	132	133	134	135	136
	CR2_NGCC	MRS_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP
	2	5	5	1	2	4	1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- 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

	137	144	153	185	186	187	188
	RP2D_KP	TC4_ESP	MTN_18%	RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP
	2	4	1	1	1	2	1
----- YEAR 2011 -----							

```

SEASONAL HEAT RATE PROFILE          0      4A Input.txt  0      0      0      0      0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
SEASONAL HEAT RATE PROFILE          0      0      45      0      0      0      0

```

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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Strategist Page 682

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

===== SEASON 12 DECEMBER =====
THERMAL UNIT
          137      144      153      185      186      187      188
          RP2D_KP  TC4_ESP  MTN_18%  RP1D_03  RP1TR_IM  RP2TR_IM  RP1TR_KP
          2         4         1         1         1         2         1
----- YEAR 2015 -----
SEASONAL HEAT RATE PROFILE          0      0      0      0      0      0      0
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

===== SEASON 12 DECEMBER =====
THERMAL UNIT
          189      190      191      193      194      195      196
          RP2TR_KP  T4_TRONA  T4_TRCCR  ML_KP20  ML_KP20  ML_KP50  ML_KP50
          2         4         4         1         2         1         2
----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0      0      0      0      0      0      0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----

```


----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 500 501 502 503 954 955 956
 DUMMY_OP DUMMY_IM DUMMY_AP DUMMY_KP BS_BF50 CT_KPC0 CT_KPC0
 0 0 0 0 954 955 956

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----

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

===== SEASON 12 DECEMBER =====
 THERMAL UNIT 500 501 502 503 954 955 956
 DUMMY_OP DUMMY_IM DUMMY_AP DUMMY_KP BS_BF50 CT_KPC0 CT_KPC0

4A Input.txt

0	0	0	0	954	955	956
-----	YEAR 2027	-----				
-----	YEAR 2028	-----				
-----	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

957	958	959	960	961	962	963
CT_KPC0	CT_KPC0	CC_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR
957	958	959	960	961	962	963

-----	YEAR 2011	-----				
SEASONAL	HEAT RATE PROFILE	-----	0	0	0	0
-----	YEAR 2012	-----				
-----	YEAR 2013	-----				
-----	YEAR 2014	-----				
-----	YEAR 2015	-----				
-----	YEAR 2016	-----				
-----	YEAR 2017	-----				
-----	YEAR 2018	-----				
-----	YEAR 2019	-----				
-----	YEAR 2020	-----				
-----	YEAR 2021	-----				
-----	YEAR 2022	-----				
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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 =====
THERMAL UNIT

964	965	966	967	968	969	970
-----	-----	-----	-----	-----	-----	-----

	4A Input. txt						
	DUMMY_OP	RPID_KP	RPID_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP
	964	965	966	967	968	969	970

YEAR	DUMMY_OP	RPID_KP	RPID_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP
2011	0	0	0	0	0	0	0
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							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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 Strategist Page 684

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 12 DECEMBER =====							
THERMAL UNIT	964	965	966	967	968	969	970
	DUMMY_OP	RPID_KP	RPID_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP
	964	965	966	967	968	969	970
2039							
2040							
===== SEASON 12 DECEMBER =====							
THERMAL UNIT	971	972	973	974	975	976	977
	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	971	972	973	974	975	976	977
2011	0	0	0	0	0	0	0
2012							
2013							
2014							
2015							
2016							

```

----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- 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 12 DECEMBER =====
THERMAL UNIT

```

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

```

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

```

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

===== SEASON 12 DECEMBER =====								
THERMAL UNIT	985	986	987	988	989	990	991	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	985	986	987	988	989	990	991	

----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 12 DECEMBER =====								
THERMAL UNIT	985	986	987	988	989	990	991	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	985	986	987	988	989	990	991	

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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	992	993	994	995	996	997	998
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_KP	DUMMY_OP	DUMMY_OP	T4_TRONA
	992	993	994	995	996	997	998

----- YEAR 2011 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

THERMAL UNIT	999
	DUMMY_OP
	999

----- YEAR 2011 -----	
SEASONAL HEAT RATE PROFILE	0

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

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

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

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

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

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

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

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

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

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

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

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

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 12 DECEMBER =====
THERMAL UNIT 999
DUMMY_OP 999

----- 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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4A Input.txt

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	1	AMOS	1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
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----- YEAR 2019 -----						
----- YEAR 2020 -----						
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----- YEAR 2030 -----						
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----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						

THERMAL UNIT CAPACITY SEGMENTS	2	AMOS	1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
----- YEAR 2021 -----						
----- YEAR 2022 -----						
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 ----- YEAR 2030 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	3	AMOS_OP	1	3	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	‡	100.00	100.00	100.00	100.00	100.00	100.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							

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 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	6			
		1	2	3	4	
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
----- YEAR 2021 -----						
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----- YEAR 2029 -----						
----- YEAR 2030 -----						
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----- YEAR 2032 -----						
----- YEAR 2033 -----						
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----- YEAR 2035 -----						
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----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						

THERMAL UNIT CAPACITY SEGMENTS	5	BIG SAND	1			
		1	2	3	4	
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	6	BIG SAND 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 -----						
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----- YEAR 2017 -----						
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	7	CARD 1+2		3	4
		1	2		
----- 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 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	8	CARD 1+2		3	4
		1	2		
----- 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 -----
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	8	CARD 1+2	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	9	CARD 3	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 -----						
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	10	CLIFTY	1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	4	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 2030 -----						
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----- YEAR 2039 -----						
----- YEAR 2040 -----						

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	11	CLIFTY			
		1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
----- YEAR 2015 -----					
----- YEAR 2016 -----					
----- YEAR 2017 -----					
----- YEAR 2018 -----					
----- YEAR 2019 -----					
----- YEAR 2020 -----					
----- YEAR 2021 -----					
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----- YEAR 2030 -----					
----- YEAR 2031 -----					
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----- 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 -----
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 ----- YEAR 2031 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	13	CLIFTY	4	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 -----							

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	13	CLIFTY	4	1	2	3	4
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							

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

THERMAL UNIT	14	CLIFTY	1	5	2	3	4
CAPACITY SEGMENTS							

----- YEAR 2011 -----							
UPPER SEG SPINNING RESERVE	%	100.00		100.00		100.00	0.00

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

THERMAL UNIT	15	CLIFTY	1	6	2	3	4
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 -----
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 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	16	CLINCH R	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 -----						
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	17	CLINCH R	1	2	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 2025 -----							
----- YEAR 2026 -----							
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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 -----							

THERMAL UNIT CAPACITY SEGMENTS	18	CLINCH R	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 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	18	CLINCH R	3	2	3	4
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
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----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						
THERMAL UNIT CAPACITY SEGMENTS	19	ROCKP_KP	1	2	3	4
UPPER SEG SPINNING RESERVE	‡	100.00	100.00	100.00	100.00	100.00
----- YEAR 2011 -----						
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
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THERMAL UNIT CAPACITY SEGMENTS	20	ROCKP_KP	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
----- YEAR 2011 -----						
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	21	CSVL 1-4	3	2	3	4
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	‡	100.00		100.00	100.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
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THERMAL UNIT CAPACITY SEGMENTS	22	CSVL 1-4	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 -----						
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THERMAL UNIT CAPACITY SEGMENTS	23	CSVL 5+6	5	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 -----							
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	23	CSVL 5+6	5	1	2	3	4
----- YEAR 2026 -----							
----- YEAR 2027 -----							
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THERMAL UNIT CAPACITY SEGMENTS	24	CSVL 5+6	6			
		1	2	3	4	
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	

----- YEAR 2012 -----
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THERMAL UNIT CAPACITY SEGMENTS	25	D C COOK	1			
		1	2	3	4	
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
----- YEAR 2012 -----						
----- YEAR 2013 -----						

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	26	D C COOK	2	2	3	4
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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THERMAL UNIT CAPACITY SEGMENTS		27	GAVIN	1	1	2	3	4
----- YEAR 2011 -----	UPPER SEG SPINNING RESERVE	4	100.00	100.00	100.00	100.00	100.00	100.00
----- YEAR 2012 -----								
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----- YEAR 2014 -----								
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THERMAL UNIT 28 GAVIN 2

CAPACITY SEGMENTS		1	4A Input.txt		4
			2	3	
-----	YEAR 2011 -----				
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00
-----	YEAR 2012 -----				
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 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS		28	GAVIN	1	2	3	4
-----	YEAR 2026 -----						
-----	YEAR 2027 -----						
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THERMAL UNIT CAPACITY SEGMENTS		29	GLEN LYN	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 -----							
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	30	GLEN LYN	6			
THERMAL UNIT CAPACITY SEGMENTS		1	2	3	4	
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	¢	100.00	100.00	100.00	0.00	
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	33	KAMMER	1	2	3	4
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	‡	100.00	100.00	100.00	100.00	0.00
----- YEAR 2012 -----						
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THERMAL UNIT CAPACITY SEGMENTS	34	KAMMER	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 -----						
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THERMAL UNIT CAPACITY SEGMENTS	35	KAMMER	1	3	2	3	4
----- YEAR 2011 -----							
UPPER SEG SPINNING RESERVE	3		100.00		100.00	100.00	0.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	35	KAMMER	1	3	2	3	4
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----- YEAR 2026 -----
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THERMAL UNIT	36	KANAWHA	1	1			
CAPACITY SEGMENTS			1	2	3	4	

----- YEAR 2011 -----							
UPPER SEG SPINNING RESERVE	4	100.00	100.00	100.00	0.00		
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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----- YEAR 2040 -----							

THERMAL UNIT	37	KANAWHA	1	2			
CAPACITY SEGMENTS			1	2	3	4	

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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
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00																										

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	38	KYGER	1			
			1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
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THERMAL UNIT CAPACITY SEGMENTS	39	KYGER	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 -----						
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YEAR	40	KYGER	1	3	2	3	4
YEAR 2039							
YEAR 2040							
THERMAL UNIT CAPACITY SEGMENTS							
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							
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	40	KYGER	1	3	2	3	4
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
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YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

YEAR	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							

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THERMAL UNIT CAPACITY SEGMENTS		42	KYGER	1	5	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							
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 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 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 -----						
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THERMAL UNIT CAPACITY SEGMENTS	44	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 -----
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THERMAL UNIT CAPACITY SEGMENTS	45	MOUNT_ER			
		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 -----					
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 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	45	MOUNT_ER	1	2	3	4
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
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----- YEAR 2040 -----						
THERMAL UNIT CAPACITY SEGMENTS	46	MUSK RVR	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
----- YEAR 2011 -----						
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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----- YEAR 2040 -----						
THERMAL UNIT	47	MUSK RVR	2			
CAPACITY SEGMENTS		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 -----						
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT
 QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- YEAR 2018 -----						
THERMAL UNIT	48	MUSK RVR	3			
CAPACITY SEGMENTS		1	2	3	4	
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	⊘	100.00	100.00	100.00	0.00	
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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 ----- YEAR 2037 -----
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 ----- YEAR 2039 -----
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THERMAL UNIT CAPACITY SEGMENTS	49	MUSK RVR	4	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	4	100.00	100.00	100.00	0.00	
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
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YEAR	50	MUSK RVR	5	1	2	3	4
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT CAPACITY SEGMENTS	50	MUSK RVR	5	1	2	3	4
YEAR 2011	50	100.00	100.00	100.00	100.00	100.00	0.00
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	50	MUSK RVR	5	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	50	MUSK RVR	5	1	2	3	4
YEAR 2011	50	100.00	100.00	100.00	100.00	100.00	0.00
YEAR 2012							
YEAR 2013							

----- YEAR 2014 -----
 ----- YEAR 2015 -----
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	52	P SPORN	1	2	3	4
THERMAL UNIT						
CAPACITY SEGMENTS						
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	2		100.00	100.00	100.00	0.00
----- YEAR 2012 -----						
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	53	P SPORN	3	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	‡	100.00	100.00	100.00	100.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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THERMAL UNIT 54 P SPORN 4

CAPACITY SEGMENTS		1	4A Input.txt		4
			2	3	
----- YEAR 2011 -----					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
----- YEAR 2012 -----					
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THERMAL UNIT CAPACITY SEGMENTS		55	P SPORN	5			4
			1	2	3		
----- YEAR 2011 -----							
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00	
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	55	P SPORM	1	5	2	3	4
----- YEAR 2026 -----							
----- YEAR 2027 -----							
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----- YEAR 2040 -----							
THERMAL UNIT CAPACITY SEGMENTS	56	PICWAY	1	5	2	3	4
UPPER SEG SPINNING RESERVE	‡	100.00	100.00	100.00	100.00	100.00	0.00
----- YEAR 2011 -----							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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THERMAL UNIT CAPACITY SEGMENTS	57	RPRET_IM	1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	‡	100.00	100.00	100.00	100.00	100.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	58	RPRUN_IM	1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	‡	100.00	100.00	100.00	100.00	100.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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THERMAL UNIT CAPACITY SEGMENTS		59	ROCKP_IM	1	2	3	4
----- YEAR 2011 -----	UPPER SEG SPINNING RESERVE	3	100.00	100.00	100.00	100.00	100.00
----- YEAR 2012 -----							
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THERMAL UNIT	61	STUART	1	1			
CAPACITY SEGMENTS			1	2	3	4	

----- YEAR 2011 -----							
UPPER SEG SPINNING RESERVE	‡	100.00	100.00	100.00	0.00		

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	61	STUART	1	1			
CAPACITY SEGMENTS			1	2	3	4	

----- YEAR 2026 -----
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THERMAL UNIT	62	STUART	1	2			
CAPACITY SEGMENTS			1	2	3	4	

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YEAR	RESERVE	1	2	3	4	
----- YEAR 2011 -----	UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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THERMAL UNIT		63	STUART	1	3	
CAPACITY SEGMENTS				2	3	4
----- YEAR 2011 -----	UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	64	STUART	4	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 -----							
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----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	65	AMOS_AP	1	3	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00	100.00

----- YEAR 2012 -----
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THERMAL UNIT CAPACITY SEGMENTS	66	TAMN 1-3	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 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	66	TANN 1-3	1	2	3	4
----- YEAR 2026 -----						
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THERMAL UNIT CAPACITY SEGMENTS	67	TANN 1-3	1	2	3	4
UPPER SEG SPINNING RESERVE	‡	100.00	100.00	100.00	0.00	
----- YEAR 2011 -----						
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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THERMAL UNIT CAPACITY SEGMENTS	68	TANN 1-3	3	2	3	4
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	‡	100.00	100.00	100.00	100.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	69	TANN 4	4	2	3	4
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	‡	100.00	100.00	100.00	100.00	0.00
----- YEAR 2012 -----						

----- YEAR 2013 -----
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THERMAL UNIT CAPACITY SEGMENTS	70	ZIMMER	1	1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	§	100.00	100.00	100.00	100.00	0.00	
----- YEAR 2012 -----							
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THERMAL UNIT CAPACITY SEGMENTS	71	ROBTMONE	1	2	3	4
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	‡	100.00	100.00	0.00	0.00	
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	71	ROBTMONE	1	2	3	4
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
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----- YEAR 2039 -----						

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----- YEAR 2040 -----					
THERMAL UNIT					
CAPACITY SEGMENTS					
	72	ROBTMONE	2		
		1	2	3	4
----- YEAR 2011 -----					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	0.00	0.00
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
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----- YEAR 2016 -----					
----- YEAR 2017 -----					
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----- YEAR 2037 -----					
----- YEAR 2038 -----					
----- YEAR 2039 -----					
----- YEAR 2040 -----					
THERMAL UNIT					
CAPACITY SEGMENTS					
	73	ROBTMONE	3		
		1	2	3	4
----- YEAR 2011 -----					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	0.00	0.00
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	75	CEREDO	1	2	3	4
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	‡	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----						
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THERMAL UNIT	76	CEREDO	1	2	3	4
CAPACITY SEGMENTS						

----- YEAR 2011 -----	3					
UPPER SEG SPINNING RESERVE		0.00	0.00	0.00	0.00	0.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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THERMAL UNIT	77	CEREDO	1	3	2	3	4
CAPACITY SEGMENTS							

----- YEAR 2011 -----	3					
UPPER SEG SPINNING RESERVE		0.00	0.00	0.00	0.00	0.00

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	77	CEREDO	3	2	3	4
----- YEAR 2026 -----						
----- YEAR 2027 -----						
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THERMAL UNIT CAPACITY SEGMENTS	78	CEREDO	4	2	3	4
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	‡	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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THERMAL UNIT CAPACITY SEGMENTS	79	CEREDO	1	5	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	‡		0.00		0.00	0.00	0.00
----- YEAR 2012 -----							
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 80 CEREDO 6

CAPACITY SEGMENTS		1	4A Input. txt		4
			2	3	
-----	YEAR 2011 -----				
UPPER SEG	SPINNING RESERVE	0.00	0.00	0.00	0.00
-----	YEAR 2012 -----				
-----	YEAR 2013 -----				
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THERMAL UNIT CAPACITY SEGMENTS		81	DARBY	1	2	3	4
				1			
-----	YEAR 2011 -----						
UPPER SEG	SPINNING RESERVE	0.00		0.00	0.00	0.00	0.00
-----	YEAR 2012 -----						
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THERMAL UNIT CAPACITY SEGMENTS	82	DARBY	1	2	2	3	4
----- YEAR 2011 -----							
UPPER SEG SPINNING RESERVE	‡		0.00		0.00	0.00	0.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	82	DARBY	1	2	2	3	4
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
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----- YEAR 2037 -----
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THERMAL UNIT CAPACITY SEGMENTS	83	DARBY	1	3	2	3	4
UPPER SEG SPINNING RESERVE	%		0.00		0.00	0.00	0.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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THERMAL UNIT CAPACITY SEGMENTS	84	DARBY	1	4	2	3	4
UPPER SEG SPINNING RESERVE	%		0.00		0.00	0.00	0.00

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	85	DARBY	5	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 -----							
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THERMAL UNIT	86	DARBY	1	6			
CAPACITY SEGMENTS				2	3	4	

----- YEAR 2011 -----	4		0.00	0.00	0.00	0.00	
UPPER SEG SPINNING RESERVE							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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THERMAL UNIT	87	LWBG WIN	1	1			
CAPACITY SEGMENTS				2	3	4	

----- YEAR 2011 -----	4		0.00	0.00	0.00	0.00	
UPPER SEG SPINNING RESERVE							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	87	LWBG WIN	1	2	3	4
----- YEAR 2026 -----						
----- YEAR 2027 -----						
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THERMAL UNIT CAPACITY SEGMENTS	88	LWBG WIN	1	2	3	4
UPPER SEG SPINNING RESERVE	‡	0.00	0.00	0.00	0.00	0.00
----- YEAR 2011 -----						
----- YEAR 2012 -----						
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THERMAL UNIT CAPACITY SEGMENTS	89	LWBG SMR	1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	‡	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	90	LWBG SMR			
		1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	⊗	0.00	0.00	0.00	0.00
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
----- YEAR 2015 -----					
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THERMAL UNIT CAPACITY SEGMENTS	91	WATR CC			
		1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	⊗	0.00	0.00	0.00	0.00
----- YEAR 2012 -----					
----- YEAR 2013 -----					
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THERMAL UNIT CAPACITY SEGMENTS	92	WATR2	1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	‡		0.00	0.00	0.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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----- YEAR 2020 -----						
----- YEAR 2021 -----						
----- YEAR 2022 -----						
----- YEAR 2023 -----						
----- YEAR 2024 -----						
----- YEAR 2025 -----						

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 15:50:58 V04.0 R03.0

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

THERMAL UNIT	93	DRESDEN	1	1	2	3	4
CAPACITY SEGMENTS			1				

----- YEAR 2011 -----	§		0.00	0.00	0.00	0.00	
UPPER SEG SPINNING RESERVE							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
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----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
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----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

THERMAL UNIT	94	DRES2	1	1	2	3	4
CAPACITY SEGMENTS			1				

----- YEAR 2011 -----	§		0.00	0.00	0.00	0.00	
UPPER SEG SPINNING RESERVE							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	96	CT_APCO			
		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 -----					
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	97	CC_APCO	1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	4	0.00	0.00	0.00	0.00	0.00

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

THERMAL UNIT CAPACITY SEGMENTS	98	IGCC AP	1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	4	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						

----- YEAR 2015 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	98	IGCC AP	1	2	3	4
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
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----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						
THERMAL UNIT CAPACITY SEGMENTS	99	PC_UL_AP	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 -----						
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS		100	Nuke_AP	1	2	3	4
----- YEAR 2011 -----	UPPER SEG SPINNING RESERVE	4	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
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----- YEAR 2019 -----							
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----- YEAR 2040 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
‡ 02/07/13 15:50:59 V04.0 R03.0

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	101	CT_I&M	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 -----						
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----- YEAR 2017 -----						
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----- YEAR 2036 -----						
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----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						
THERMAL UNIT CAPACITY SEGMENTS	102	CC_I&M	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 -----						
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THERMAL UNIT CAPACITY SEGMENTS	103	IGCC IM	1	2	3	4
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----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	‡		0.00	0.00	0.00	0.00
---	---	--	------	------	------	------

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	103	IGCC IM	1	2	3	4
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----- YEAR 2026 -----
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----- YEAR 2031 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	104	PC_UL_IM	1	2	3	4
CAPACITY SEGMENTS			1			
----- 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 -----
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 ----- YEAR 2018 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	105	NUKE_IM	1	2	3	4
CAPACITY SEGMENTS			1			
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 15:50:59 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	106	CT_KPCO	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 -----						
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THERMAL UNIT	107	CC_KPCO	1	1			
CAPACITY SEGMENTS			1	2	3	4	
----- YEAR 2011 -----							
UPPER SEG SPINNING RESERVE	‡	0.00	0.00	0.00	0.00	0.00	

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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THERMAL UNIT	108	IGCC KP	1	1			
CAPACITY SEGMENTS			1	2	3	4	
----- YEAR 2011 -----							
UPPER SEG SPINNING RESERVE	‡	0.00	0.00	0.00	0.00	0.00	

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 15:50:59 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	108	IGCC KP	1	2	3	4
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
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----- YEAR 2031 -----						
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----- YEAR 2039 -----						
----- YEAR 2040 -----						
THERMAL UNIT CAPACITY SEGMENTS	109	PC_UL_KP	1	2	3	4
UPPER SEG SPINNING RESERVE	‡	0.00	0.00	0.00	0.00	0.00
----- YEAR 2011 -----						
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	110	NUKE_KP	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 -----						
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----- YEAR 2039 -----

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
‡ 02/07/13 15:50:59 V04.0 R03.0

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	111	CT_OHIO	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 -----						
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----- YEAR 2020 -----						
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----- YEAR 2039 -----						
----- YEAR 2040 -----						

THERMAL UNIT CAPACITY SEGMENTS	112	CC_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 -----						
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	113	IGCC 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 -----						
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 15:50:59 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	113	IGCC OH	1	2	3	4
----- YEAR 2026 -----						
----- YEAR 2027 -----						

----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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THERMAL UNIT CAPACITY SEGMENTS		114	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 -----							
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----- YEAR 2018 -----							
----- YEAR 2019 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

THERMAL UNIT CAPACITY SEGMENTS		115	NUKE 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 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 15:51:00 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	116	CC_FA_KP	1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	‡		0.00	0.00	0.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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THERMAL UNIT CAPACITY SEGMENTS		118	BS1_Gas	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 -----							
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----- YEAR 2036 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

THERMAL UNIT CAPACITY SEGMENTS	119	BS_RPWR	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 -----						
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	119	BS_RPWR	1	2	3	4
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
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THERMAL UNIT CAPACITY SEGMENTS	120	BS_BFCC	1	2	3	4
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	*	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
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 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS		121	BS2 FGD	23			
			1	2	3	4	
-----	YEAR 2011 -----						
UPPER SEG	SPINNING RESERVE	\$	100.00	100.00	100.00	100.00	
-----	YEAR 2012 -----						
-----	YEAR 2013 -----						
-----	YEAR 2014 -----						
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 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	122	BS_BF50	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 -----						
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----- YEAR 2038 -----						
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----- YEAR 2040 -----						
THERMAL UNIT CAPACITY SEGMENTS	126	CSV5_SCR	5	2	3	4
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	‡	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
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----- YEAR 2015 -----
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THERMAL UNIT CAPACITY SEGMENTS	127	CSV6_SCR	6	1	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 -----							
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 VALUE CHANGED FROM PREVIOUS YEAR.
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THERMAL UNIT	127	CSV6_SCR	6	4A Input.txt		
CAPACITY SEGMENTS		1		2	3	4
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
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----- YEAR 2040 -----						

THERMAL UNIT	129	CR1_NGCC	1			
CAPACITY SEGMENTS		1		2	3	4
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	*	100.00		100.00	100.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
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THERMAL UNIT	130	CR2_NGCC	2			
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CAPACITY SEGMENTS		1	4A Input.txt		4
			2	3	
----- YEAR 2011 -----					
UPPER SEG SPINNING RESERVE	‡	100.00	100.00	100.00	0.00
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
----- YEAR 2015 -----					
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----- YEAR 2017 -----					
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VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS		131	MR5_NGCC	5			
			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 -----							
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THERMAL UNIT CAPACITY SEGMENTS	132	MR5_FGD	1	5	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 -----							
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YEAR	133	RP1D_IM	1	2	3	4
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS						
YEAR 2011						
UPPER SEG SPINNING RESERVE	⊗	100.00	100.00	100.00	100.00	100.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	133	RP1D_IM	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
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YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS						
YEAR 2011						
UPPER SEG SPINNING RESERVE	⊗	100.00	100.00	100.00	100.00	100.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
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THERMAL UNIT CAPACITY SEGMENTS	135	TAN4_FGD	1	4	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	3	100.00			100.00	100.00	0.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	136	RP1D_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 -----						
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THERMAL UNIT CAPACITY SEGMENTS	137	RP2D_KP	1	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	‡	100.00	100.00	100.00	100.00	100.00

----- YEAR 2012 -----
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THERMAL UNIT CAPACITY SEGMENTS	144	TC4_ESP	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 -----							
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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4A Input.txt
 AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	144	TC4_ESP	1	4	2	3	4
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
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THERMAL UNIT CAPACITY SEGMENTS	153	MTN_18%	1	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00			100.00	100.00	100.00
----- YEAR 2011 -----							
----- YEAR 2012 -----							
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----- YEAR 2035 -----							
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----- YEAR 2037 -----							
----- YEAR 2038 -----							

YEAR	185	RP1D_03	1	2	3	4
----- YEAR 2039 -----						
----- YEAR 2040 -----						
THERMAL UNIT CAPACITY SEGMENTS						
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	3	100.00	100.00	100.00	100.00	100.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	186	RP1TR_IM	1	2	3	4
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	3	100.00	100.00	100.00	100.00	100.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	187	RP2TR_IM	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 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

YEAR	188	RP1TR_KP	1	2	3	4
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS						
YEAR 2011	‡	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						
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	188	RP1TR_KP	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
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YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS						
YEAR 2011	‡	100.00	100.00	100.00	100.00	100.00
YEAR 2012						

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

THERMAL UNIT CAPACITY SEGMENTS	190	T4_TROMA	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 -----							
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 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	191	T4_TRCCR			
		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 -----					
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----- YEAR 2040 -----					

4A Input.txt

THERMAL UNIT CAPACITY SEGMENTS	193	ML_KP20	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 -----						
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----- YEAR 2037 -----						
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----- YEAR 2039 -----						
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THERMAL UNIT CAPACITY SEGMENTS	194	ML_KP20	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 -----						
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	194	ML_KP20	1	2	3	4
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
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----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						
THERMAL UNIT CAPACITY SEGMENTS	195	ML_KP50	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 -----						
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----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						

YEAR	196	ML_KP50	1	2	3	4
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS						
YEAR 2011	196	ML_KP50	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
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VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	500	DUMMY_OP	0	1	2	3	4
YEAR 2011	500	DUMMY_OP	0	1	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012							
YEAR 2013							
YEAR 2014							

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	501	DUMMY_IM	0			
THERMAL UNIT CAPACITY SEGMENTS		1	2	3	4	
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
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----- YEAR 2017 -----						
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THERMAL UNIT CAPACITY SEGMENTS	502	DUMMY_AP	0	1	2	3	4
UPPER SEG SPINNING RESERVE	‡	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2011 -----							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	502	DUMMY_AP	0	1	2	3	4
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
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----- YEAR 2036 -----							
----- YEAR 2037 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

THERMAL UNIT 503 DUMMY_KP 0

CAPACITY SEGMENTS		1	4A Input.txt		4
			2	3	
-----	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 -----				
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-----	YEAR 2039 -----				
-----	YEAR 2040 -----				

THERMAL UNIT CAPACITY SEGMENTS		954	BS_BF50	954		
			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 -----					
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	955	CT_KPC0 1	955 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 -----					
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----- YEAR 2038 -----
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THERMAL UNIT CAPACITY SEGMENTS	956	CT_KPC0	956			
		1	2	3	4	
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	⊘	0.00	0.00	0.00	0.00	
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
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THERMAL UNIT CAPACITY SEGMENTS	957	CT_KPC0	957			
		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 -----						
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	957	CT_KPC0	957	2	3	4
----- YEAR 2026 -----		1				
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
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----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						
THERMAL UNIT CAPACITY SEGMENTS	958	CT_KPC0	958	2	3	4
----- YEAR 2011 -----		1				
UPPER SEG SPINNING RESERVE	‡		0.00	0.00	0.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
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THERMAL UNIT CAPACITY SEGMENTS	959	CC_KPC0 1	959 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 -----					
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	960	RP2D_KP 1	960 2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	‡	100.00	100.00	100.00	100.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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	961	RP2D_IM	961			
THERMAL UNIT CAPACITY SEGMENTS		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 -----						
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THERMAL UNIT CAPACITY SEGMENTS	962	CSV6_SCR	962	1	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 -----							
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	962	CSV6_SCR	962	1	2	3	4
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
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----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							

YEAR	963	CSV5_SCR	963			
		1	2	3	4	
----- YEAR 2039 -----						
----- YEAR 2040 -----						
THERMAL UNIT	963	CSV5_SCR	963			
CAPACITY SEGMENTS		1	2	3	4	
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	3	0.00	0.00	0.00	0.00	
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
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----- YEAR 2040 -----						
THERMAL UNIT	964	DUMMY_OP	964			
CAPACITY SEGMENTS		1	2	3	4	
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	3	0.00	0.00	0.00	0.00	
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	965	RP1D_KP 1	965 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 -----					
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 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS		966	RP1D_03	966			
			1	2	3	4	
-----	YEAR 2011 -----						
UPPER SEG	SPINNING RESERVE	%	100.00	100.00	100.00	100.00	
-----	YEAR 2012 -----						
-----	YEAR 2013 -----						
-----	YEAR 2014 -----						
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-----	YEAR 2040 -----						

THERMAL UNIT CAPACITY SEGMENTS		967	CR2_NGCC	967			
			1	2	3	4	
-----	YEAR 2011 -----						
UPPER SEG	SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
-----	YEAR 2012 -----						
-----	YEAR 2013 -----						
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-----	YEAR 2015 -----						
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----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	967	CR2_NGCC	967	1	2	3	4
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
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----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							
THERMAL UNIT CAPACITY SEGMENTS	968	CR1_NGCC	968	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 -----							
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----- YEAR 2030 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	969	MR5_NGCC 1	969 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 -----					
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 VALUE CHANGED FROM PREVIOUS YEAR.
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THERMAL UNIT CAPACITY SEGMENTS	970	RP2TR_KP 1	970 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 -----					
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----- YEAR 2037 -----					
----- YEAR 2038 -----					
----- YEAR 2039 -----					
----- YEAR 2040 -----					

THERMAL UNIT CAPACITY SEGMENTS	971	RP2TR_IM 1	971 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 -----					
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THERMAL UNIT CAPACITY SEGMENTS	972	DUMMY_OP 1	972 2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	4	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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 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 2026 -----					
----- YEAR 2027 -----					
----- YEAR 2028 -----					
----- YEAR 2029 -----					
----- YEAR 2030 -----					
----- YEAR 2031 -----					
----- YEAR 2032 -----					
----- YEAR 2033 -----					
----- YEAR 2034 -----					
----- YEAR 2035 -----					

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

THERMAL UNIT	973	DUMMY_OP	973			
CAPACITY SEGMENTS		1	2	3	4	

----- YEAR 2011 -----	3	0.00	0.00	0.00	0.00
UPPER SEG SPINNING RESERVE					

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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THERMAL UNIT	974	DUMMY_OP	974			
CAPACITY SEGMENTS		1	2	3	4	

----- YEAR 2011 -----	3	0.00	0.00	0.00	0.00
UPPER SEG SPINNING RESERVE					

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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----- YEAR 2021 -----
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 VALUE CHANGED FROM PREVIOUS YEAR.
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	975	DUMMY_OP 975			
		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 -----					
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THERMAL UNIT CAPACITY SEGMENTS	976	DUMMY_OP 1	976 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 -----
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 ----- YEAR 2018 -----
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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 -----
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----- YEAR 2017 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	977	DUMMY_OP 1	977 2	3	4
----- YEAR 2026 -----					
----- YEAR 2027 -----					
----- YEAR 2028 -----					
----- YEAR 2029 -----					
----- YEAR 2030 -----					
----- YEAR 2031 -----					
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----- YEAR 2037 -----					
----- YEAR 2038 -----					
----- YEAR 2039 -----					
----- YEAR 2040 -----					
THERMAL UNIT CAPACITY SEGMENTS	978	DUMMY_OP 1	978 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 -----					
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THERMAL UNIT CAPACITY SEGMENTS	979	DUMMY_OP 1	979 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 -----					
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	980	DUMMY_OP 1	980 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 -----					
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----- YEAR 2040 -----					
THERMAL UNIT CAPACITY SEGMENTS	981	DUMMY_OP 1	981 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 -----					
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----- YEAR 2020 -----					
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THERMAL UNIT CAPACITY SEGMENTS	982	DUMMY_OP	982	1	2	3	4
UPPER SEG SPINNING RESERVE	‡	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2011 -----							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	982	DUMMY_OP	982	1	2	3	4
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							

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THERMAL UNIT CAPACITY SEGMENTS	983	DUMMY_OP 1	983	2	3	4
-----------------------------------	-----	---------------	-----	---	---	---

----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	4		0.00	0.00	0.00	0.00
---	---	--	------	------	------	------

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

THERMAL UNIT CAPACITY SEGMENTS	984	DUMMY_OP 1	984	2	3	4
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----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	4		0.00	0.00	0.00	0.00
---	---	--	------	------	------	------

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	985	DUMMY_OP 1	985 2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	‡	0.00	0.00	0.00	0.00
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
----- YEAR 2015 -----					
----- YEAR 2016 -----					
----- YEAR 2017 -----					
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	986	DUMMY_OP 1	986 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 -----
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 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	987	DUMMY_OP 1	987 2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	⊘	0.00	0.00	0.00	0.00
----- YEAR 2012 -----					
----- YEAR 2013 -----					

----- YEAR 2014 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 † 02/07/13 15:51:03 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	987	DUMMY_OP 1	987 2	3	4
----- YEAR 2026 -----					
----- YEAR 2027 -----					
----- YEAR 2028 -----					
----- YEAR 2029 -----					
----- YEAR 2030 -----					
----- YEAR 2031 -----					
----- YEAR 2032 -----					
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----- YEAR 2037 -----					
----- YEAR 2038 -----					
----- YEAR 2039 -----					
----- YEAR 2040 -----					
THERMAL UNIT CAPACITY SEGMENTS	988	DUMMY_OP 1	988 2	3	4
UPPER SEG SPINNING RESERVE	‡	0.00	0.00	0.00	0.00
----- YEAR 2011 -----					
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	989	DUMMY_OP 1	989 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 -----					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
‡ 02/07/13 15:51:04 V04.0 R03.0

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	990	DUMMY_OP 1	990 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 -----					
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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	991	DUMMY_OP 1	991 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 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS	992	DUMMY_OP	992	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 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 15:51:04 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	992	DUMMY_OP	992	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	993	DUMMY_OP 1	993	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	4		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 -----
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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	994	DUMMY_OP 1	994	2	3	4
----- YEAR 2011 ----- UPPER SEG SPINNING RESERVE	4		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 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.
 ‡ 02/07/13 15:51:04 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	995	DUMMY_KP 995 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 -----
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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	996	DUMMY_OP	996			
CAPACITY SEGMENTS		1	2	3	4	
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	4	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 2032 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	997	DUMMY_OP	997			
CAPACITY SEGMENTS		1	2	3	4	

YEAR	UPPER SEG SPINNING RESERVE				
2011	%	0.00	0.00	0.00	0.00
2012					
2013					
2014					
2015					
2016					
2017					
2018					
2019					
2020					
2021					
2022					
2023					
2024					
2025					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 15:51:04 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	997	DUMMY_OP	997			
		1	2	3	4	
2026						
2027						
2028						
2029						
2030						
2031						
2032						
2033						
2034						
2035						
2036						
2037						
2038						
2039						
2040						
THERMAL UNIT CAPACITY SEGMENTS	998	T4_TRONA	998			
		1	2	3	4	
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
2011						
2012						
2013						
2014						
2015						
2016						
2017						
2018						
2019						
2020						

----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- 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	DUMMY_OP	999			
		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 -----						

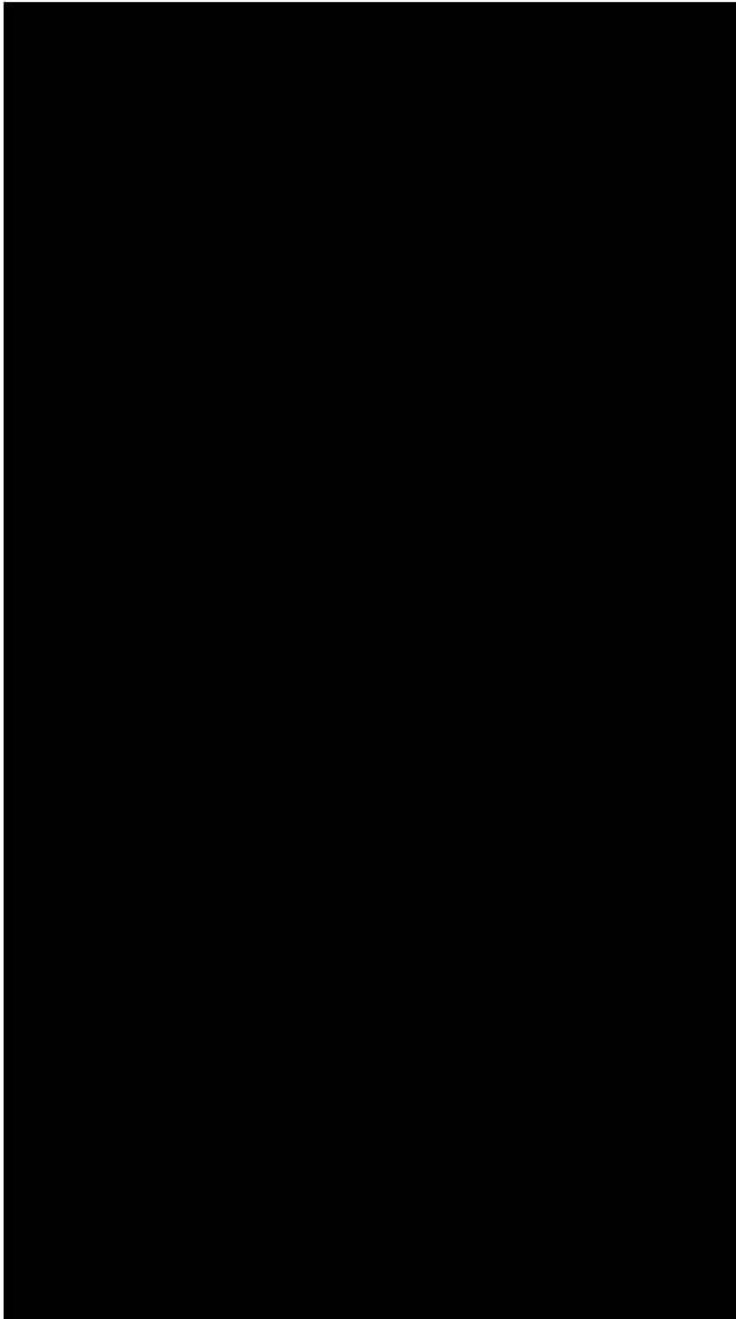
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
‡ 02/07/13 15:51:04 V04.0 R03.0

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

MAINTENANCE CYCLE SUMMARY



AEP EAST
PROVIEW LEAST COST OPTIMIZATION SYSTEM
INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.PARAMETERS.

BASE REVENUE ESCALATION	%	0.00
BASECASE UTILITY COST	\$000	0.00
CAPITAL AMORTIZATION METHOD		2
COMPANY INDEX NUMBER		0
CONSECUTIVE RUN FLAG		N
CUSTOMER COST ESCALATION	%	0.00
MKT PROGRAM EXPENSE ESCALATION	%	0.00
EMISSION COST ESCALATION	%	0.00
EMISSION DISPATCH RATE ESCALATIO	%	0.00
EMISSION EXTERNALITY ESCALATION	%	0.00
END EFFECTS PERIOD	YEARS	0
END EFFECTS REAL DISCOUNT RATE	%	-1.00
END EFFECTS UTILITY DISCOUNT RAT	%	-1.00
ENERGY COST ESCALATION	%	0.00
EXTENSION PERIOD END YEAR		9999
FIRST YEAR TEST		2
FIXED COST ESCALATION	%	0.00
FUEL COST ESCALATION	%	0.00
ICEM SMALL RESOURCE LIMIT	MW	1.00
NUMBER OF PLANS TO PRINT		99999
OBJECTIVE FUNCTION FLAG		1
OPTIONS FOR TRUNCATING		4
PROVIEW RUN FLAG		D
SELECTED PLAN		1
SELECTIVE ALTERNATIVE		1
SHORTAGE ALTERNATIVE		0
SKIP YEAR REJECTION		N
UNIT REVENUE ESCALATION	%	0.00
VARIABLE COST ESCALATION	%	0.00

‡ 02/07/13 15:51:28 V04.0 R03.0

AEP EAST
PROVIEW LEAST COST OPTIMIZATION SYSTEM
INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.PARAMETERS.

YEAR		2011	2012	2013	2014	2015	2016	2017
BASE REVENUE DOLLARS	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ICEM CAPACITY TARGET	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAXIMUM EMERGENCY ENERGY	GWH	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00
MAXIMUM EMERGY MARGIN	%	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00
MAXIMUM LOLH	HOURS	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00
MAXIMUM RESERVE MARGIN	%	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MAXIMUM STATES SAVED		0	0	0	0	0	0	0
MAXIMUM UNSERVED ENERGY	%	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MINIMUM EMERGENCY ENERGY	GWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM EMERGY MARGIN	%	-9999999.00	-9999999.00	-9999999.00	-9999999.00	-9999999.00	-9999999.00	-9999999.00
MINIMUM LOLH	HOURS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM RENEWABLE ENERGY	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM RESERVE MARGIN	%	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00
RETURN ON FUEL INVENTORY	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00

YEAR		2018	2019	2020	2021	2022	2023	2024
BASE REVENUE DOLLARS	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ICEM CAPACITY TARGET	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAXIMUM EMERGENCY ENERGY	GWH	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00
MAXIMUM EMERGY MARGIN	%	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00
MAXIMUM LOLH	HOURS	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00
MAXIMUM RESERVE MARGIN	%	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MAXIMUM STATES SAVED		0	0	0	0	0	0	0
MAXIMUM UNSERVED ENERGY	%	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MINIMUM EMERGENCY ENERGY	GWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM EMERGY MARGIN	%	-9999999.00	-9999999.00	-9999999.00	-9999999.00	-9999999.00	-9999999.00	-9999999.00
MINIMUM LOLH	HOURS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM RENEWABLE ENERGY	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM RESERVE MARGIN	%	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00
RETURN ON FUEL INVENTORY	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00

YEAR		2025	2026	2027	2028	2029	2030	2031
BASE REVENUE DOLLARS	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ICEM CAPACITY TARGET	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAXIMUM EMERGENCY ENERGY	GWH	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00
MAXIMUM EMERGY MARGIN	%	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00
MAXIMUM LOLH	HOURS	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00
MAXIMUM RESERVE MARGIN	%	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MAXIMUM STATES SAVED		0	0	0	0	0	0	0
MAXIMUM UNSERVED ENERGY	%	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MINIMUM EMERGENCY ENERGY	GWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM EMERGY MARGIN	%	-9999999.00	-9999999.00	-9999999.00	-9999999.00	-9999999.00	-9999999.00	-9999999.00
MINIMUM LOLH	HOURS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM RENEWABLE ENERGY	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM RESERVE MARGIN	%	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00

4A Input.txt
 RETURN ON FUEL INVENTORY % 0.00 0.00 0.00 0.00 0.00 0.00 0.00

YEAR		2032	2033	2034	2035	2036	2037	2038
BASE REVENUE DOLLARS	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ICEM CAPACITY TARGET	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAXIMUM EMERGENCY ENERGY	GWH	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00
MAXIMUM EMERGENCY MARGIN	%	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00
MAXIMUM LOLH	HOURS	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00	9999999.00
MAXIMUM RESERVE MARGIN	%	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MAXIMUM STATES SAVED		0	0	0	0	0	0	0
MAXIMUM UNSERVED ENERGY	%	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MINIMUM EMERGENCY ENERGY	GWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM EMERGENCY MARGIN	%	-9999999.00	-9999999.00	-9999999.00	-9999999.00	-9999999.00	-9999999.00	-9999999.00
MINIMUM LOLH	HOURS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM RENEWABLE ENERGY	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM RESERVE MARGIN	%	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00	-100.00
RETURN ON FUEL INVENTORY	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00

YEAR		2039	2040
BASE REVENUE DOLLARS	\$000	0.00	0.00
ICEM CAPACITY TARGET	MW	0.00	0.00
MAXIMUM EMERGENCY ENERGY	GWH	9999999.00	9999999.00
MAXIMUM EMERGENCY MARGIN	%	9999999.00	9999999.00
MAXIMUM LOLH	HOURS	9999999.00	9999999.00
MAXIMUM RESERVE MARGIN	%	100.00	100.00
MAXIMUM STATES SAVED		0	0
MAXIMUM UNSERVED ENERGY	%	100.00	100.00
MINIMUM EMERGENCY ENERGY	GWH	0.00	0.00
MINIMUM EMERGENCY MARGIN	%	-9999999.00	-9999999.00
MINIMUM LOLH	HOURS	0.00	0.00
MINIMUM RENEWABLE ENERGY	%	0.00	0.00
MINIMUM RESERVE MARGIN	%	-100.00	-100.00
RETURN ON FUEL INVENTORY	%	0.00	0.00

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AEP EAST
 PROVIEW LEAST COST OPTIMIZATION SYSTEM
 INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.PARAMETERS.

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

‡ 02/07/13 15:51:28 V04.0 R03.0 NewEnergy Associates Strategist Page 947

AEP EAST
 PROVIEW LEAST COST OPTIMIZATION SYSTEM
 INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.PARAMETERS.

DIAGNOSTICS FLAG SETTINGS

NO.	DESCRIPTION	VALUE
4	Reserve Analysis	N
5	Levelized and Replacement Cost Tables	N
6	Capital Cost Table	N
7	Origin State	N
8	Deferral Capacity Setup Change Commands	N
9	State Analysis Summary	N
10	State Analysis List	N
11	Accepted State	N
12	Levelization Calculation	N
13	End Effects Period	N
14	Dispatch Of 1st End Effects State	N
15	ICEM Summary	N
16	ICEM Detailed	N
17	First Year Test	N

‡ 02/07/13 15:51:28 V04.0 R03.0 NewEnergy Associates Strategist Page 948

AEP EAST
 PROVIEW LEAST COST OPTIMIZATION SYSTEM
 INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.PARAMETERS.

REPORT FLAG FOR SELECTED PLAN ZERO

NO.	DESCRIPTION	VALUE
1	PRV Least Cost Plan Summary	N
2	PRV System Cost Report	N
3	PRV Demand Side Report	N

4 PRV Tunnel Report N
5 PRV Integrated Plan Report N
7 LFA System Report N
8 LFA Class Sales Report N
9 LFA Class Requirements Report N
10 LFA Class Detail Report N
11 LFA Group Detail Report N
13 GAF Hydro Unit Report N
14 GAF Storage Unit Report N
15 GAF Direct Load Control Report N
16 GAF Unit Report N
17 GAF System Report N
18 GAF Seasonal Summary Report N
19 GAF Fuel Data Report N
20 GAF Fuel Class Report N
21 GAF Plant Report N
22 GAF Transaction Report N
23 GAF System Emissions Report N
24 GAF Emissions Released Report N
25 GAF Emissions Rate LB/MBTU Report N
26 GAF Emissions Rate LBS/MWH Report N
27 GAF Unit Profitability Report N
28 GAF Loads and Resources Detail Report N
29 GAF Loads and Resources Summary Report N
30 CER System Revenue Requirements Report N
31 FIR Income Statement Report N
32 FIR Balance Sheet Report N
33 FIR Statement of Cash Flows Report N
34 FIR Corporate Value Analysis Report N
35 FIR Financial Ratios Report N
50 USR User Defined Report N

‡ 02/07/13 15:51:28 V04.0 R03.0

4A Input.txt

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Strategist Page 949

AEP EAST
PROVIEW LEAST COST OPTIMIZATION SYSTEM
INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.PARAMETERS.

EFFLUENT	1 2 3 4 5 6					
	S02 (E)	CO2 (S)	CO2 (G)	NOX (E)	NSR S02	HG (E)
----- YEAR 2011 -----						
EMISSIONS LIMIT	TONS	100000000.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.				
MAXIMUM ALLOWANCES SOLD	TONS	99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.				
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
----- YEAR 2021 -----						
----- YEAR 2022 -----						
----- YEAR 2023 -----						
----- YEAR 2024 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						

4A Input.txt

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

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

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

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
‡ 02/07/13 15:51:28 V04.0 R03.0

AEP EAST
PROVIEW LEAST COST OPTIMIZATION SYSTEM
INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.PARAMETERS.

EFFLUENT	1	2	3	4	5	6
	SO2 (E)	CO2 (S)	CO2 (G)	NOX (B)	NSR SO2	HG (E)
----- YEAR 2040 -----						
RESTRICTED COMBINATIONS:	1 = MUTUALLY EXCLUSIVE					
	2 = SIMULTANEOUSLY INCLUSIVE					
	3 = DEPENDENT ALTERNATIVES					
	4 = SIMULTANEOUSLY EXCLUSIVE					
	5 = CHAINED ALTERNATIVES					
	6 = MUTUALLY INCLUSIVE					

COMBINATION NUMBER	FLAG	ALTERNATIVE INDEX NUMBERS IN RESTRICTED COMBINATION
2	2	121 127

COMBINATION NUMBER	FLAG	ALTERNATIVE INDEX NUMBERS IN RESTRICTED COMBINATION
7	4	79 80 81 82

‡ 02/07/13 15:51:28 V04.0 R03.0

AEP EAST
PROVIEW LEAST COST OPTIMIZATION SYSTEM
INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE		1	2	3	4	5	6	7
		BK6R	BS1R	BS2R	CR1R	CR2R	CR3R	CV3R
ACCEPTABLE RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ALTERNATIVE MULTIPLIER		1	1	1	1	1	1	1
ALTERNATIVE SOURCE INDEX		500	500	503	500	500	500	500
ALTERNATIVE TYPE		T	T	T	T	T	T	T
AUXILIARY START POINTER								
BASE COST WITHOUT AFUDC	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BASE YEAR REPLACEMENT COST	\$/K-\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
BASE YEAR REVENUE REQUIREMENTS	\$/K-\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOOK LIFE	YEARS	1	1	1	1	1	1	1
CER TRANSFER FLAG		N	N	N	N	N	N	N
COMMISSION MONTH		1	6	6	1	1	1	1
CONSTRUCTION ESCALATION	%	2.50	2.50	2.50	2.50	2.50	2.50	2.50
CONVERGENT STATES SWITCH		2	2	1	2	2	2	2
CONVERTED ALTERNATIVE		0	0	0	0	0	0	0
DEFERRAL OPTION		2	2	1	2	2	2	2
FIRST YEAR AVAILABLE	YEAR	2015	2015	2015	2015	2015	2015	2013
INCREMENTAL ADDITIONS TO STATE		1	1	1	1	1	1	1
LAST YEAR AVAILABLE	YEAR	2015	2015	2015	2015	2015	2015	2013
LEVELIZED CHARGE RATE	%	14.50	14.50	13.83	14.50	14.50	14.50	14.50
NUMBER TO CONVERT		1	1	1	1	1	1	1
OPERATING LIFE	YEARS	1	1	1	1	1	1	1
REPLACEMENT COST	\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SUPERFLUOUS UNITS		1	1	1	1	1	1	1

ALTERNATIVE		8	9	10	11	12	13	14
		GL5R	GL6R	KM1R	KM2R	KM3R	KM1R	KM2R
ACCEPTABLE RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ALTERNATIVE MULTIPLIER		1	1	1	1	1	1	1
ALTERNATIVE SOURCE INDEX		500	500	500	500	500	500	500
ALTERNATIVE TYPE		T	T	T	T	T	T	T
AUXILIARY START POINTER								
BASE COST WITHOUT AFUDC	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BASE YEAR REPLACEMENT COST	\$/K-\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
BASE YEAR REVENUE REQUIREMENTS	\$/K-\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOOK LIFE	YEARS	1	1	1	1	1	1	1
CER TRANSFER FLAG		N	N	N	N	N	N	N
COMMISSION MONTH		1	1	1	1	1	1	1
CONSTRUCTION ESCALATION	%	2.50	2.50	2.50	2.50	2.50	2.50	2.50
CONVERGENT STATES SWITCH		2	2	2	2	2	2	2
CONVERTED ALTERNATIVE		0	0	0	0	0	0	0
DEFERRAL OPTION		2	2	2	2	2	2	2
FIRST YEAR AVAILABLE	YEAR	2015	2015	2015	2015	2015	2015	2015
INCREMENTAL ADDITIONS TO STATE		1	1	1	1	1	1	1
LAST YEAR AVAILABLE	YEAR	2015	2015	2015	2015	2015	2015	2015

		4A Input.txt						
LEVELIZED CHARGE RATE	%	14.50	14.50	14.50	14.50	14.50	14.50	14.50
NUMBER TO CONVERT		1	1	1	1	1	1	1
OPERATING LIFE	YEARS	1	1	1	1	1	1	1
REPLACEMENT COST	\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SUPERFLUOUS UNITS		1	1	1	1	1	1	1

ALTERNATIVE		15	16	17	18	19	20	21
		MR1R	MR2R	MR3R	MR4R	MR5R	PW5R	SP1R
ACCEPTABLE RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ALTERNATIVE MULTIPLIER		1	1	1	1	1	1	1
ALTERNATIVE SOURCE INDEX		500	500	500	500	500	500	500
ALTERNATIVE TYPE		T	T	T	T	T	T	T
AUXILIARY START POINTER								
BASE COST WITHOUT AFUDC	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BASE YEAR REPLACEMENT COST	\$/K-\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
BASE YEAR REVENUE REQUIREMENTS	\$/K-\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOOK LIFE	YEARS	1	1	1	1	1	1	1
CER TRANSFER FLAG		N	N	N	N	N	N	N
COMMISSION MONTH		1	1	1	1	6	1	1
CONSTRUCTION ESCALATION	%	2.50	2.50	2.50	2.50	2.50	2.50	2.50
CONVERGENT STATES SWITCH		2	2	2	2	2	2	2
CONVERTED ALTERNATIVE		0	0	0	0	0	0	0
DEFERRAL OPTION		2	2	2	2	2	2	2
FIRST YEAR AVAILABLE	YEAR	2015	2015	2015	2015	2015	2015	2015
INCREMENTAL ADDITIONS TO STATE		1	1	1	1	1	1	1
LAST YEAR AVAILABLE	YEAR	2015	2015	2015	2015	2015	2015	2015
LEVELIZED CHARGE RATE	%	14.50	14.50	14.50	14.50	14.50	14.50	14.50
NUMBER TO CONVERT		1	1	1	1	1	1	1
OPERATING LIFE	YEARS	1	1	1	1	1	1	1
REPLACEMENT COST	\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SUPERFLUOUS UNITS		1	1	1	1	1	1	1

ALTERNATIVE		22	23	24	25	26	27	28
		SP2R	SP3R	SP4R	TN1R	TN2R	TN3R	TN4R
ACCEPTABLE RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ALTERNATIVE MULTIPLIER		1	1	1	1	1	1	1
ALTERNATIVE SOURCE INDEX		500	500	500	500	500	500	500
ALTERNATIVE TYPE		T	T	T	T	T	T	T
AUXILIARY START POINTER								
BASE COST WITHOUT AFUDC	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BASE YEAR REPLACEMENT COST	\$/K-\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
BASE YEAR REVENUE REQUIREMENTS	\$/K-\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOOK LIFE	YEARS	1	1	1	1	1	1	1
CER TRANSFER FLAG		N	N	N	N	N	N	N
COMMISSION MONTH		1	1	1	1	1	1	1
CONSTRUCTION ESCALATION	%	2.50	2.50	2.50	2.50	2.50	2.50	2.50
CONVERGENT STATES SWITCH		2	2	2	2	2	2	2
CONVERTED ALTERNATIVE		0	0	0	0	0	0	62
DEFERRAL OPTION		2	2	2	2	2	2	2
FIRST YEAR AVAILABLE	YEAR	2015	2015	2015	2015	2015	2015	2018
INCREMENTAL ADDITIONS TO STATE		1	1	1	1	1	1	1
LAST YEAR AVAILABLE	YEAR	2015	2015	2015	2015	2015	2015	2018
LEVELIZED CHARGE RATE	%	14.50	14.50	14.50	14.50	14.50	14.50	14.50
NUMBER TO CONVERT		1	1	1	1	1	1	1
OPERATING LIFE	YEARS	1	1	1	1	1	1	1
REPLACEMENT COST	\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SUPERFLUOUS UNITS		1	1	1	1	1	1	1

ALTERNATIVE		29	30	31	32	33	34	35
		RPIR		CCK2	CCAP	CCIH	CCKP	CCOH
ACCEPTABLE RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ALTERNATIVE MULTIPLIER		1	1	1	1	1	1	1
ALTERNATIVE SOURCE INDEX		500	0	116	97	102	107	112
ALTERNATIVE TYPE		T	T	T	T	T	T	T
AUXILIARY START POINTER								
BASE COST WITHOUT AFUDC	\$/KW	0.00	0.00	1319.00	1070.00	1284.00	1319.00	1070.00
BASE YEAR REPLACEMENT COST	\$/K-\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
BASE YEAR REVENUE REQUIREMENTS	\$/K-\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOOK LIFE	YEARS	1	0	30	30	30	30	30
CER TRANSFER FLAG		N	N	N	N	N	N	N
COMMISSION MONTH		1	1	1	1	1	1	1
CONSTRUCTION ESCALATION	%	2.50	0.00	2.50	1.35	1.35	2.50	1.35
CONVERGENT STATES SWITCH		2	1	1	1	1	1	1
CONVERTED ALTERNATIVE		0	0	0	0	0	0	0
DEFERRAL OPTION		2	1	1	1	1	1	1
FIRST YEAR AVAILABLE	YEAR	2116	1900	2016	2114	2114	2015	2114
INCREMENTAL ADDITIONS TO STATE		1	1	1	1	1	1	1
LAST YEAR AVAILABLE	YEAR	2116	9999	2040	2140	2140	2040	2140
LEVELIZED CHARGE RATE	%	14.50	0.00	13.32	13.28	14.53	13.32	13.54
NUMBER TO CONVERT		1	0	0	0	0	0	0
OPERATING LIFE	YEARS	1	0	30	30	30	30	30
REPLACEMENT COST	\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SUPERFLUOUS UNITS		1	0	0	0	0	0	0

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AEP EAST
PROVIEW LEAST COST OPTIMIZATION SYSTEM
INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

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ALTERNATIVE		36 CTAP	37 CTIM	38 CTKP	39 CTOH	40 PCAP	41 PCIM	42 PCKP
ACCEPTABLE RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ALTERNATIVE MULTIPLIER		1	1	1	1	1	1	1
ALTERNATIVE SOURCE INDEX		96	101	106	111	99	104	109
ALTERNATIVE TYPE		T	T	T	T	T	T	T
AUXILIARY START POINTER								
BASE COST WITHOUT AFUDC	\$/KW	840.00	840.00	801.00	840.00	4320.00	4320.00	4320.00
BASE YEAR REPLACEMENT COST	\$/K-\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
BASE YEAR REVENUE REQUIREMENTS	\$/K-\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOOK LIFE	YEARS	30	30	30	30	30	30	30
CER TRANSFER FLAG		N	N	N	N	N	N	N
COMMISSION MONTH		1	1	1	1	1	1	1
CONSTRUCTION ESCALATION	%	1.35	1.35	2.50	1.35	1.35	1.35	1.35
CONVERGENT STATES SWITCH		1	1	1	1	1	1	1
CONVERTED ALTERNATIVE		0	0	0	0	0	0	0
DEFERRAL OPTION		1	1	1	1	1	1	1
FIRST YEAR AVAILABLE	YEAR	2114	2114	2015	2114	2100	2100	2100
INCREMENTAL ADDITIONS TO STATE		7	7	4	7	1	1	1
LAST YEAR AVAILABLE	YEAR	2140	2140	2040	2140	2140	2140	2140
LEVELIZED CHARGE RATE	%	13.28	14.53	13.32	13.54	13.28	14.53	13.79
NUMBER TO CONVERT		0	0	0	0	0	0	0
OPERATING LIFE	YEARS	30	30	30	30	30	30	30
REPLACEMENT COST	\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SUPERFLUOUS UNITS		0	0	0	0	0	0	0

ALTERNATIVE		43 PCOH	44 NKAP	45 NKIM	46 NKKP	47 NKOH	48 IGAP	49 IGIM
ACCEPTABLE RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ALTERNATIVE MULTIPLIER		1	1	1	1	1	1	1
ALTERNATIVE SOURCE INDEX		114	100	105	110	115	98	103
ALTERNATIVE TYPE		T	T	T	T	T	T	T
AUXILIARY START POINTER								
BASE COST WITHOUT AFUDC	\$/KW	4320.00	6000.00	6000.00	6000.00	6000.00	4270.00	4270.00
BASE YEAR REPLACEMENT COST	\$/K-\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
BASE YEAR REVENUE REQUIREMENTS	\$/K-\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOOK LIFE	YEARS	30	30	30	30	30	30	30
CER TRANSFER FLAG		N	N	N	N	N	N	N
COMMISSION MONTH		1	1	1	1	1	1	1
CONSTRUCTION ESCALATION	%	1.35	1.35	1.35	1.35	1.35	1.35	1.35
CONVERGENT STATES SWITCH		1	1	1	1	1	1	1
CONVERTED ALTERNATIVE		0	0	0	0	0	0	0
DEFERRAL OPTION		1	1	1	1	1	1	1
FIRST YEAR AVAILABLE	YEAR	2100	2100	2121	2121	2100	2100	2100
INCREMENTAL ADDITIONS TO STATE		1	1	1	1	1	1	1
LAST YEAR AVAILABLE	YEAR	2140	2140	2140	2140	2140	2140	2140
LEVELIZED CHARGE RATE	%	13.54	13.28	14.53	13.79	13.54	13.28	14.53
NUMBER TO CONVERT		0	0	0	0	0	0	0
OPERATING LIFE	YEARS	30	30	30	30	30	30	30
REPLACEMENT COST	\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SUPERFLUOUS UNITS		0	0	0	0	0	0	0

ALTERNATIVE		50 IGKP	51 IGOH	52	53 ECP0	54 CVSD	55 CV6D	56 MRSD
ACCEPTABLE RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ALTERNATIVE MULTIPLIER		1	1	1	1	1	1	1
ALTERNATIVE SOURCE INDEX		108	113	0	52	126	127	132
ALTERNATIVE TYPE		T	T	T	X	T	T	T
AUXILIARY START POINTER								
BASE COST WITHOUT AFUDC	\$/KW	4270.00	4270.00	0.00	0.00	322.00	319.00	495.00
BASE YEAR REPLACEMENT COST	\$/K-\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
BASE YEAR REVENUE REQUIREMENTS	\$/K-\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOOK LIFE	YEARS	30	30	0	1	30	30	30
CER TRANSFER FLAG		N	N	N	N	N	N	N
COMMISSION MONTH		1	1	1	1	1	1	1
CONSTRUCTION ESCALATION	%	1.35	1.35	0.00	2.50	2.50	2.50	2.50
CONVERGENT STATES SWITCH		1	1	1	3	1	1	1
CONVERTED ALTERNATIVE		0	0	0	0	0	0	0
DEFERRAL OPTION		1	1	1	1	1	1	1
FIRST YEAR AVAILABLE	YEAR	2100	2100	1900	2010	2020	2020	2116
INCREMENTAL ADDITIONS TO STATE		1	1	1	1	1	1	1
LAST YEAR AVAILABLE	YEAR	2140	2140	9999	2011	2020	2020	2116
LEVELIZED CHARGE RATE	%	13.79	13.54	0.00	0.00	13.83	13.83	13.54
NUMBER TO CONVERT		0	0	0	0	1	1	1
OPERATING LIFE	YEARS	30	30	0	1	30	30	30
REPLACEMENT COST	\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SUPERFLUOUS UNITS		0	0	0	0	1	1	1

ALTERNATIVE		57	58 RP3D	59 RP1Q	60 RP2Q	61 TN4D	62 TC4T	63 TC4C
ACCEPTABLE RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ALTERNATIVE MULTIPLIER		1	1	1	1	1	1	1
ALTERNATIVE SOURCE INDEX		0	185	133	134	135	190	191
ALTERNATIVE TYPE		T	T	T	T	T	T	T
AUXILIARY START POINTER								
BASE COST WITHOUT AFUDC	\$/KW	0.00	994.00	768.00	177.00	1058.00	27.54	121.02
BASE YEAR REPLACEMENT COST	\$/K-\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
BASE YEAR REVENUE REQUIREMENTS	\$/K-\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOOK LIFE	YEARS	0	15	30	15	30	15	15
CER TRANSFER FLAG		N	N	N	N	N	N	N

4A Input.txt								
COMMISSION MONTH		1	1	1	1	1	1	1
CONSTRUCTION ESCALATION	%	0.00	2.50	2.50	2.50	2.50	2.50	2.50
CONVERGENT STATES SWITCH		1	1	1	1	1	1	1
CONVERTED ALTERNATIVE		0	0	0	65	0	0	62
DEFERRAL OPTION		1	1	1	1	1	1	1
FIRST YEAR AVAILABLE	YEAR	1900	2016	2116	2020	2116	2014	2117
INCREMENTAL ADDITIONS TO STATE		1	1	1	1	1	1	1
LAST YEAR AVAILABLE	YEAR	9999	2016	2116	2020	2116	2014	2117
LEVELIZED CHARGE RATE	%	0.00	17.65	13.83	17.65	13.83	17.65	17.65
NUMBER TO CONVERT		0	0	1	1	1	1	1
OPERATING LIFE	YEARS	0	30	30	30	30	30	30
REPLACEMENT COST	\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SUPERFLUOUS UNITS		0	1	1	1	1	1	1

ALTERNATIVE		64	65	70	71	72	73	74
		RP1T	RP2T	BFCC	BFC2	B1GC	B1RP	BS23
ACCEPTABLE RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ALTERNATIVE MULTIPLIER		1	1	1	1	1	1	1
ALTERNATIVE SOURCE INDEX		186	187	122	120	118	119	121
ALTERNATIVE TYPE		T	T	T	T	T	T	T
AUXILIARY START POINTER								
BASE COST WITHOUT AFUDC	\$/KW	29.27	18.44	1189.00	1189.00	192.00	1145.00	832.00
BASE YEAR REPLACEMENT COST	\$/K-\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
BASE YEAR REVENUE REQUIREMENTS	\$/K-\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOOK LIFE	YEARS	15	15	30	30	15	20	25
CER TRANSFER FLAG		N	N	N	N	N	N	N
COMMISSION MONTH		1	4	1	1	7	6	6
CONSTRUCTION ESCALATION	%	2.50	2.50	2.50	2.50	2.50	2.50	2.50
CONVERGENT STATES SWITCH		1	1	1	1	1	1	1
CONVERTED ALTERNATIVE		0	0	0	0	0	0	0
DEFERRAL OPTION		1	1	1	1	1	1	1
FIRST YEAR AVAILABLE	YEAR	2114	2015	2016	2021	2115	2117	2117
INCREMENTAL ADDITIONS TO STATE		1	1	1	1	1	1	1
LAST YEAR AVAILABLE	YEAR	2114	2015	2040	2021	2115	2117	2117
LEVELIZED CHARGE RATE	%	17.65	17.65	13.32	13.32	16.45	15.03	13.98
NUMBER TO CONVERT		1	1	0	0	0	0	0
OPERATING LIFE	YEARS	30	30	30	30	30	30	30
REPLACEMENT COST	\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SUPERFLUOUS UNITS		1	1	0	0	0	0	0

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AEP EAST
PROVIEW LEAST COST OPTIMIZATION SYSTEM
INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE		75	76	77	78	129	130	131
		RP1P	RP2P	RP1T	RP2T	M5CC	CR1G	CR2G
ACCEPTABLE RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ALTERNATIVE MULTIPLIER		1	1	1	1	1	1	1
ALTERNATIVE SOURCE INDEX		136	137	188	189	131	129	130
ALTERNATIVE TYPE		T	T	T	T	T	T	T
AUXILIARY START POINTER								
BASE COST WITHOUT AFUDC	\$/KW	594.00	159.00	29.27	49.00	147.81	443.40	443.40
BASE YEAR REPLACEMENT COST	\$/K-\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
BASE YEAR REVENUE REQUIREMENTS	\$/K-\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOOK LIFE	YEARS	25	25	20	25	30	30	30
CER TRANSFER FLAG		N	N	N	N	N	N	N
COMMISSION MONTH		1	1	1	4	1	1	1
CONSTRUCTION ESCALATION	%	2.50	2.50	2.50	2.50	2.50	2.50	2.50
CONVERGENT STATES SWITCH		1	1	1	1	1	1	1
CONVERTED ALTERNATIVE		0	78	0	0	0	0	0
DEFERRAL OPTION		1	1	1	1	1	1	1
FIRST YEAR AVAILABLE	YEAR	2016	2020	2114	2015	2015	2015	2015
INCREMENTAL ADDITIONS TO STATE		1	1	1	1	1	1	1
LAST YEAR AVAILABLE	YEAR	2016	2020	2114	2015	2015	2015	2015
LEVELIZED CHARGE RATE	%	14.08	14.08	15.49	14.08	14.01	12.79	12.79
NUMBER TO CONVERT		1	1	1	1	0	0	0
OPERATING LIFE	YEARS	30	30	30	30	30	30	30
REPLACEMENT COST	\$/KW	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SUPERFLUOUS UNITS		1	1	1	1	1	1	1

ALTERNATIVE		133	134	135	136
		M1_2	M2_2	M1_5	M2_5
ACCEPTABLE RATIO	RATIO	1.00	1.00	1.00	1.00
ALTERNATIVE MULTIPLIER		1	1	1	1
ALTERNATIVE SOURCE INDEX		193	194	195	196
ALTERNATIVE TYPE		T	T	T	T
AUXILIARY START POINTER					
BASE COST WITHOUT AFUDC	\$/KW	0.00	0.00	0.00	0.00
BASE YEAR REPLACEMENT COST	\$/K-\$/KW	-1.00	-1.00	-1.00	-1.00
BASE YEAR REVENUE REQUIREMENTS	\$/K-\$/KW	0.00	0.00	0.00	0.00
BOOK LIFE	YEARS	30	30	30	30
CER TRANSFER FLAG		N	N	N	N
COMMISSION MONTH		1	1	1	1
CONSTRUCTION ESCALATION	%	2.50	2.50	2.50	2.50
CONVERGENT STATES SWITCH		1	1	1	1
CONVERTED ALTERNATIVE		0	0	0	0
DEFERRAL OPTION		1	1	1	1
FIRST YEAR AVAILABLE	YEAR	2114	2114	2114	2114

		4A Input.txt			
		1	1	1	1
INCREMENTAL ADDITIONS TO STATE		2014	2014	2114	2114
LAST YEAR AVAILABLE	YEAR	13.43	13.43	13.43	13.43
LEVELIZED CHARGE RATE	%	0	0	0	0
NUMBER TO CONVERT		30	30	30	30
OPERATING LIFE	YEARS	-1.00	-1.00	-1.00	-1.00
REPLACEMENT COST	\$/KW	0	0	0	0
SUPERFLUOUS UNITS					

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AEP EAST
PROVIEW LEAST COST OPTIMIZATION SYSTEM
INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE		1	2	3	4	5	6	7
		BK6R	BS1R	BS2R	CR1R	CR2R	CR3R	CV3R
AUXILIARY POSITION	1							
AUXILIARY SOURCE INDEX		4	5	6	16	17	18	21
ALTERNATIVE		8	9	10	11	12	13	14
		GL5R	GL6R	KM1R	KM2R	KM3R	KN1R	KN2R
AUXILIARY POSITION	1							
AUXILIARY SOURCE INDEX		29	30	33	34	35	36	37
ALTERNATIVE		15	16	17	18	19	20	21
		MR1R	MR2R	MR3R	MR4R	MR5R	PW5R	SP1R
AUXILIARY POSITION	1							
AUXILIARY SOURCE INDEX		46	47	48	49	50	56	51
ALTERNATIVE		22	23	24	25	26	27	28
		SP2R	SP3R	SP4R	TN1R	TN2R	TN3R	TN4R
AUXILIARY POSITION	1							
AUXILIARY SOURCE INDEX		52	53	54	66	67	68	0
ALTERNATIVE		29	31	32	33	34	35	36
		RP1R	CCK2	CCAP	CCIM	CCKP	CCOH	CTAP
AUXILIARY POSITION	1							
AUXILIARY SOURCE INDEX		58	0	0	0	0	0	0
ALTERNATIVE		37	38	39	40	41	42	43
		CTIM	CTKP	CTOH	PCAP	PCIM	PCKP	PCOH
AUXILIARY POSITION	1							
AUXILIARY SOURCE INDEX		0	0	0	0	0	0	0
ALTERNATIVE		44	45	46	47	48	49	50
		NKAP	NKIM	NKKP	NKOH	IGAP	IGIM	IGKP
AUXILIARY POSITION	1							
AUXILIARY SOURCE INDEX		0	0	0	0	0	0	0
ALTERNATIVE		51	53	54	55	56	58	59
		IGOH	ECPO	CV5D	CV6D	MR5D	RP3D	RP1Q
AUXILIARY POSITION	1							
AUXILIARY SOURCE INDEX		0	0	23	24	50	0	58
ALTERNATIVE		60	61	62	63	64	65	70
		RP2Q	TN4D	TC4T	TC4C	RP1T	RP2T	BFCC
AUXILIARY POSITION	1							
AUXILIARY SOURCE INDEX		59	69	69	0	58	59	5
ALTERNATIVE		71	72	73	74	75	76	77
		BFC2	B1GC	B1RP	BS23	RP1P	RP2P	RP1T
AUXILIARY POSITION	1							
AUXILIARY SOURCE INDEX		0	0	0	0	19	20	19
ALTERNATIVE		78	129	130	131	133	134	135
		RP2T	M5CC	CR1G	CR2G	M1_2	M2_2	M1_5
AUXILIARY POSITION	1							
AUXILIARY SOURCE INDEX		20	0	0	0	0	0	0
ALTERNATIVE		136						
		M2_5						
AUXILIARY POSITION	1							

AEP EAST
 PROVIEW LEAST COST OPTIMIZATION SYSTEM
 INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE	1 BK6R	2 BS1R	3 BS2R	4 CR1R	5 CR2R	6 CR3R	7 CV3R
----- YEAR 2011 -----							
CUMULATIVE MAXIMUM	1	1	1	1	1	1	1
CUMULATIVE MINIMUM	0	0	0	0	0	0	0
INCREMENTAL NUMBER TO ADD	1	1	1	1	1	1	1
LEVELIZED FIXED COST \$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LEVELIZED REPLACEMENT COST \$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	1
----- YEAR 2014 -----							
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0
----- YEAR 2015 -----							
MINIMUM NUMBER TO ADD	1	1	1	1	1	1	0
----- YEAR 2016 -----							
MINIMUM NUMBER TO ADD	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 -----							
ALTERNATIVE	8 GL5R	9 GL6R	10 KM1R	11 KM2R	12 KM3R	13 KN1R	14 KN2R
----- YEAR 2011 -----							
CUMULATIVE MAXIMUM	1	1	1	1	1	1	1
CUMULATIVE MINIMUM	0	0	0	0	0	0	0
INCREMENTAL NUMBER TO ADD	1	1	1	1	1	1	1
LEVELIZED FIXED COST \$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LEVELIZED REPLACEMENT COST \$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							

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YEAR	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
MINIMUM NUMBER TO ADD	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
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ALTERNATIVE	15 MR1R	16 MR2R	17 MR3R	18 MR4R	19 MR5R	20 PW5R	21 SP1R
CUMULATIVE MAXIMUM	1	1	1	1	1	1	1
CUMULATIVE MINIMUM	0	0	0	0	0	0	0
INCREMENTAL NUMBER TO ADD	1	1	1	1	1	1	1
LEVELIZED FIXED COST \$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LEVELIZED REPLACEMENT COST \$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0

YEAR 2011	
YEAR 2012	
YEAR 2013	
YEAR 2014	

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AEP EAST
PROVIEW LEAST COST OPTIMIZATION SYSTEM
INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE	15 MR1R	16 MR2R	17 MR3R	18 MR4R	19 MR5R	20 PW5R	21 SP1R
MINIMUM NUMBER TO ADD	1	1	1	1	1	1	1
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0
YEAR 2017							
YEAR 2018							

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

ALTERNATIVE		22 SP2R	23 SP3R	24 SP4R	25 TN1R	26 TN2R	27 TN3R	28 TN4R
----- YEAR 2011 -----								
CUMULATIVE MAXIMUM		1	1	1	1	1	1	1
CUMULATIVE MINIMUM		0	0	0	0	0	0	0
INCREMENTAL NUMBER TO ADD		1	1	1	1	1	1	1
LEVELIZED FIXED COST	\$ 000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LEVELIZED REPLACEMENT COST	\$ 000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
MINIMUM NUMBER TO ADD		0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
MINIMUM NUMBER TO ADD		1	1	1	1	1	1	0
----- YEAR 2016 -----								
MINIMUM NUMBER TO ADD		0	0	0	0	0	0	0
----- YEAR 2017 -----								
----- YEAR 2018 -----								
MINIMUM NUMBER TO ADD		0	0	0	0	0	0	1
----- YEAR 2019 -----								
MINIMUM NUMBER TO ADD		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 -----

ALTERNATIVE	29 RPIR	30	31 CCK2	32 CCAP	33 CCIM	34 CCKP	35 CCOH
----- YEAR 2011 -----							
CUMULATIVE MAXIMUM	1	10	10	10	10	10	10
CUMULATIVE MINIMUM	0	0	0	0	0	0	0
INCREMENTAL NUMBER TO ADD	1	0	10	10	10	10	10
LEVELIZED FIXED COST \$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LEVELIZED REPLACEMENT COST \$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 CUMULATIVE MAXIMUM
 MINIMUM NUMBER TO ADD
 ----- YEAR 2017 -----
 CUMULATIVE MAXIMUM
 MINIMUM NUMBER TO ADD
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----

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AEP EAST
 PROVIEW LEAST COST OPTIMIZATION SYSTEM
 INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE	29 RPIR	30	31 CCK2	32 CCAP	33 CCIM	34 CCKP	35 CCOH
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							

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

ALTERNATIVE	36 CTAP	37 CTIM	38 CTKP	39 CTOH	40 PCAP	41 PCIM	42 PCKP
----- YEAR 2011 -----							
CUMULATIVE MAXIMUM	70	70	4	70	1	1	1
CUMULATIVE MINIMUM	0	0	0	0	0	0	0
INCREMENTAL NUMBER TO ADD	7	7	5	7	1	1	1
LEVELIZED FIXED COST	\$000 0.00	0.00	0.00	0.00	0.00	0.00	0.00
LEVELIZED REPLACEMENT COST	\$000 -1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
MINIMUM NUMBER TO ADD	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 -----

ALTERNATIVE	43 PCOH	44 MKAP	45 NKIM	46 NKKP	47 MKOH	48 IGAP	49 IGIM
----- YEAR 2011 -----							
CUMULATIVE MAXIMUM	1	2	2	2	2	3	3
CUMULATIVE MINIMUM	0	0	0	0	0	0	0
INCREMENTAL NUMBER TO ADD	1	4	4	4	4	4	4
LEVELIZED FIXED COST	\$000 0.00	0.00	0.00	0.00	0.00	0.00	0.00
LEVELIZED REPLACEMENT COST	\$000 -1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0

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

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

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AEP EAST
 PROVIEW LEAST COST OPTIMIZATION SYSTEM
 INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE	43 PCOH	44 MKAP	45 NKIM	46 MKKP	47 MKOH	48 IGAP	49 IGIM
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

ALTERNATIVE	50 IGKP	51 IGOH	53 ECPO	54 CV5D	55 CV6D	56 MR5D	57
----- YEAR 2011 -----							
CUMULATIVE MAXIMUM	3	3	0	1	1	1	1
CUMULATIVE MINIMUM	0	0	0	0	0	0	0
INCREMENTAL NUMBER TO ADD	4	4	10	1	1	1	1
LEVELIZED FIXED COST \$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LEVELIZED REPLACEMENT COST \$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
INCREMENTAL NUMBER TO ADD	4	4	18	1	1	1	1
----- YEAR 2014 -----							
INCREMENTAL NUMBER TO ADD	4	4	10	1	1	1	1
----- YEAR 2015 -----							
----- YEAR 2016 -----							
MINIMUM NUMBER TO ADD	0	0	0	0	0	1	0
----- YEAR 2017 -----							
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
MINIMUM NUMBER TO ADD	0	0	0	1	1	0	1

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----- YEAR 2021 -----							
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
CUMULATIVE MAXIMUM	3	3	10	1	1	1	1
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

ALTERNATIVE	58 RP3D	59 RP1Q	60 RP2Q	61 TN4D	62 TC4T	63 TC4C	64 RP1T
----- YEAR 2011 -----							
CUMULATIVE MAXIMUM	1	1	1	1	1	1	1
CUMULATIVE MINIMUM	0	0	0	0	0	0	0
INCREMENTAL NUMBER TO ADD	1	1	1	1	1	1	1
LEVELIZED FIXED COST \$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LEVELIZED REPLACEMENT COST \$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
MINIMUM NUMBER TO ADD	0	0	0	0	1	0	1
----- YEAR 2015 -----							
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0
----- YEAR 2016 -----							
MINIMUM NUMBER TO ADD	1	1	0	1	0	0	0
----- YEAR 2017 -----							
MINIMUM NUMBER TO ADD	0	0	0	0	0	1	0
----- YEAR 2018 -----							
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0
----- YEAR 2019 -----							
----- YEAR 2020 -----							
MINIMUM NUMBER TO ADD	0	0	1	0	0	0	0
----- YEAR 2021 -----							
MINIMUM NUMBER TO ADD	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 -----

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AEP EAST
 PROVIEW LEAST COST OPTIMIZATION SYSTEM
 INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE	58 RP3D	59 RP1Q	60 RP2Q	61 TN4D	62 TC4T	63 TC4C	64 RP1T
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

ALTERNATIVE	65 RP2T	70 BFCC	71 BFC2	72 B1GC	73 B1RP	74 BS23	75 RP1P
----- YEAR 2011 -----							
CUMULATIVE MAXIMUM	1	1	1	1	1	1	1
CUMULATIVE MINIMUM	0	0	0	0	0	0	0
INCREMENTAL NUMBER TO ADD	1	1	1	1	1	1	1
LEVELIZED FIXED COST \$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LEVELIZED REPLACEMENT COST \$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0

----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
MINIMUM NUMBER TO ADD	1	0	0	1	0	0	0
----- YEAR 2016 -----							
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	1
----- YEAR 2017 -----							
MINIMUM NUMBER TO ADD	0	0	0	0	1	1	0
----- YEAR 2018 -----							
MINIMUM NUMBER TO ADD	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 -----							

ALTERNATIVE	76 RP2P	77 RP1T	78 RP2T	129 M5CC	130 CR1G	131 CR2G	132
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							
----- YEAR 2011 -----							
CUMULATIVE MAXIMUM	1	1	1	1	1	1	1
CUMULATIVE MINIMUM	0	0	0	0	0	0	0
INCREMENTAL NUMBER TO ADD	1	1	1	1	1	1	1
LEVELIZED FIXED COST \$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LEVELIZED REPLACEMENT COST \$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
MINIMUM NUMBER TO ADD	0	1	0	0	0	0	0
----- YEAR 2015 -----							
MINIMUM NUMBER TO ADD	0	0	1	1	1	1	1
----- YEAR 2016 -----							
MINIMUM NUMBER TO ADD	0	0	0	0	0	0	0
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
MINIMUM NUMBER TO ADD	1	0	0	0	0	0	0
----- YEAR 2021 -----							
MINIMUM NUMBER TO ADD	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 -----							
----- YEAR 2037 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
PROVIEW LEAST COST OPTIMIZATION SYSTEM
INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE	76 RP2P	77 RP1T	78 RP2T	129 M5CC	130 CR1G	131 CR2G	132
----- YEAR 2038 -----							
----- YEAR 2039 -----							

4A Input.txt

----- YEAR 2040 -----		133	134	135	136
ALTERNATIVE		M1_2	M2_2	M1_5	M2_5
----- YEAR 2011 -----					
CUMULATIVE MAXIMUM		1	1	1	1
CUMULATIVE MINIMUM		0	0	0	0
INCREMENTAL NUMBER TO ADD		1	1	1	1
LEVELIZED FIXED COST	\$ 000	0.00	0.00	0.00	0.00
LEVELIZED REPLACEMENT COST	\$ 000	-1.00	-1.00	-1.00	-1.00
MINIMUM NUMBER TO ADD		0	0	0	0
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
MINIMUM NUMBER TO ADD		1	1	1	1
----- YEAR 2015 -----					
MINIMUM NUMBER TO ADD		0	0	0	0
----- YEAR 2016 -----					
----- YEAR 2017 -----					
----- YEAR 2018 -----					
----- YEAR 2019 -----					
----- YEAR 2020 -----					
----- YEAR 2021 -----					
----- YEAR 2022 -----					
----- YEAR 2023 -----					
----- YEAR 2024 -----					
----- YEAR 2025 -----					
----- YEAR 2026 -----					
----- YEAR 2027 -----					
----- YEAR 2028 -----					
----- YEAR 2029 -----					
----- YEAR 2030 -----					
----- YEAR 2031 -----					
----- YEAR 2032 -----					
----- YEAR 2033 -----					
----- YEAR 2034 -----					
----- YEAR 2035 -----					
----- YEAR 2036 -----					
----- YEAR 2037 -----					
----- YEAR 2038 -----					
----- YEAR 2039 -----					
----- YEAR 2040 -----					

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

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AEP EAST
PROVIEW LEAST COST OPTIMIZATION SYSTEM
INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE INDEX NUMBER	1	2	3	4	5	6	7	8
ALTERNATIVE NAME	BK6R	BS1R	BS2R	CR1R	CR2R	CR3R	CV3R	GL5R
ALTERNATIVE SOURCE INDEX	500	500	503	500	500	500	500	500
ALTERNATIVE SOURCE TYPE	T	T	T	T	T	T	T	T

EXPENDITURE PROFILE (%)	1	2	3	4	5	6	7	8
CONSTRUCTION YEAR 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CONSTRUCTION YEAR 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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INPUT SUMMARY REPORT

4A Input.txt
 QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE INDEX NUMBER	9	10	11	12	13	14	15	16
ALTERNATIVE NAME	GL6R	KM1R	KM2R	KM3R	KN1R	KN2R	MR1R	MR2R
ALTERNATIVE SOURCE INDEX	500	500	500	500	500	500	500	500
ALTERNATIVE SOURCE TYPE	T	T	T	T	T	T	T	T

EXPENDITURE PROFILE (%)	9	10	11	12	13	14	15	16
CONSTRUCTION YEAR 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CONSTRUCTION YEAR 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE INDEX NUMBER	17	18	19	20	21	22	23	24
ALTERNATIVE NAME	MR3R	MR4R	MR5R	PM5R	SP1R	SP2R	SP3R	SP4R
ALTERNATIVE SOURCE INDEX	500	500	500	500	500	500	500	500
ALTERNATIVE SOURCE TYPE	T	T	T	T	T	T	T	T

EXPENDITURE PROFILE (%)	17	18	19	20	21	22	23	24
CONSTRUCTION YEAR 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CONSTRUCTION YEAR 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE INDEX NUMBER	25	26	27	28	29	31	32	33
ALTERNATIVE NAME	TN1R	TN2R	TN3R	TN4R	RP1R	CCK2	CCAP	CCIM
ALTERNATIVE SOURCE INDEX	500	500	500	500	500	116	97	102
ALTERNATIVE SOURCE TYPE	T	T	T	T	T	T	T	T

EXPENDITURE PROFILE (%)	25	26	27	28	29	31	32	33
CONSTRUCTION YEAR 1	100.0	100.0	100.0	100.0	100.0	6.0	10.0	10.0
CONSTRUCTION YEAR 2	0.0	0.0	0.0	0.0	0.0	30.0	40.0	40.0
CONSTRUCTION YEAR 3	0.0	0.0	0.0	0.0	0.0	46.0	50.0	50.0
CONSTRUCTION YEAR 4	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0
CONSTRUCTION YEAR 5	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
CONSTRUCTION YEAR 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

	34	35	36	37	38	39	40	41
ALTERNATIVE INDEX NUMBER	CCKP	CCOH	CTAP	CTIM	CTKP	CTOH	PCAP	PCIM
ALTERNATIVE NAME	107	112	96	101	106	111	99	104
ALTERNATIVE SOURCE INDEX	T	T	T	T	T	T	T	T
ALTERNATIVE SOURCE TYPE								

EXPENDITURE PROFILE (%):								
CONSTRUCTION YEAR 1	7.0	10.0	20.0	20.0	20.0	20.0	5.0	5.0
CONSTRUCTION YEAR 2	31.0	40.0	80.0	80.0	80.0	80.0	5.0	5.0
CONSTRUCTION YEAR 3	47.0	50.0	0.0	0.0	0.0	0.0	25.0	25.0
CONSTRUCTION YEAR 4	15.0	0.0	0.0	0.0	0.0	0.0	35.0	35.0
CONSTRUCTION YEAR 5	0.0	0.0	0.0	0.0	0.0	0.0	15.0	15.0
CONSTRUCTION YEAR 6	0.0	0.0	0.0	0.0	0.0	0.0	15.0	15.0
CONSTRUCTION YEAR 7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

	42	43	44	45	46	47	48	49
ALTERNATIVE INDEX NUMBER	PCKP	PCOH	NKAP	NKIM	NKKP	NKOH	IGAP	IGIM
ALTERNATIVE NAME	109	114	100	105	110	115	98	103
ALTERNATIVE SOURCE INDEX	T	T	T	T	T	T	T	T
ALTERNATIVE SOURCE TYPE								

EXPENDITURE PROFILE (%):								
CONSTRUCTION YEAR 1	5.0	5.0	1.0	1.0	1.0	1.0	5.0	5.0
CONSTRUCTION YEAR 2	5.0	5.0	2.0	2.0	2.0	2.0	5.0	5.0
CONSTRUCTION YEAR 3	25.0	25.0	6.0	6.0	6.0	6.0	25.0	25.0
CONSTRUCTION YEAR 4	35.0	35.0	8.0	8.0	8.0	8.0	35.0	35.0
CONSTRUCTION YEAR 5	15.0	15.0	10.0	10.0	10.0	10.0	15.0	15.0
CONSTRUCTION YEAR 6	15.0	15.0	11.0	11.0	11.0	11.0	15.0	15.0
CONSTRUCTION YEAR 7	0.0	0.0	17.0	17.0	17.0	17.0	0.0	0.0
CONSTRUCTION YEAR 8	0.0	0.0	17.0	17.0	17.0	17.0	0.0	0.0
CONSTRUCTION YEAR 9	0.0	0.0	11.5	11.5	11.5	11.5	0.0	0.0
CONSTRUCTION YEAR 10	0.0	0.0	11.5	11.5	11.5	11.5	0.0	0.0
CONSTRUCTION YEAR 11	0.0	0.0	5.0	5.0	5.0	5.0	0.0	0.0
CONSTRUCTION YEAR 12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

	50	51	53	54	55	56	58	59
ALTERNATIVE INDEX NUMBER	IGKP	IGOH	ECPO	CV5D	CV6D	MR5D	RP3D	RP1Q
ALTERNATIVE NAME	108	113	52	126	127	132	185	133
ALTERNATIVE SOURCE INDEX	T	T	X	T	T	T	T	T
ALTERNATIVE SOURCE TYPE								

EXPENDITURE PROFILE (%):								
CONSTRUCTION YEAR 1	5.0	5.0	100.0	0.0	0.5	0.0	0.6	2.3
CONSTRUCTION YEAR 2	5.0	5.0	0.0	3.7	3.7	1.9	7.7	7.2
CONSTRUCTION YEAR 3	25.0	25.0	0.0	8.9	9.0	12.7	18.2	17.3
CONSTRUCTION YEAR 4	35.0	35.0	0.0	7.2	7.2	28.9	35.8	34.6
CONSTRUCTION YEAR 5	15.0	15.0	0.0	2.9	2.9	56.4	37.7	38.6
CONSTRUCTION YEAR 6	15.0	15.0	0.0	5.4	0.9	0.0	0.0	0.0
CONSTRUCTION YEAR 7	0.0	0.0	0.0	13.6	13.8	0.0	0.0	0.0
CONSTRUCTION YEAR 8	0.0	0.0	0.0	23.5	27.4	0.0	0.0	0.0
CONSTRUCTION YEAR 9	0.0	0.0	0.0	34.8	34.7	0.0	0.0	0.0
CONSTRUCTION YEAR 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

	60	61	62	63	64	65	70	71
ALTERNATIVE INDEX NUMBER	RP2Q	TN4D	TC4T	TC4C	RP1T	RP2T	BFCB	BFC2
ALTERNATIVE NAME								

ALTERNATIVE SOURCE INDEX ALTERNATIVE SOURCE TYPE	4A Input.txt							
	134	135	190	191	186	187	122	120
	T	T	T	T	T	T	T	T
EXPENDITURE PROFILE (%):								
CONSTRUCTION YEAR 1	0.9	100.0	0.0	0.0	0.0	0.0	1.0	1.0
CONSTRUCTION YEAR 2	8.3	0.0	40.3	0.0	45.8	28.1	7.0	7.0
CONSTRUCTION YEAR 3	0.0	0.0	59.7	0.0	54.2	71.9	37.0	37.0
CONSTRUCTION YEAR 4	2.2	0.0	0.0	7.3	0.0	0.0	55.0	55.0
CONSTRUCTION YEAR 5	9.9	0.0	0.0	32.4	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 6	13.1	0.0	0.0	60.3	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 7	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 8	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 9	32.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE INDEX NUMBER ALTERNATIVE NAME ALTERNATIVE SOURCE INDEX ALTERNATIVE SOURCE TYPE	72	73	74	75	76	77	78	129
	B1GC	B1RP	B323	RP1P	RP2P	RP1T	RP2T	M5CC
	118	119	121	136	137	188	189	131
	T	T	T	T	T	T	T	T
EXPENDITURE PROFILE (%):								
CONSTRUCTION YEAR 1	14.0	1.0	1.0	9.4	8.6	45.8	43.1	100.0
CONSTRUCTION YEAR 2	30.0	7.0	22.0	25.4	21.1	54.2	56.9	0.0
CONSTRUCTION YEAR 3	56.0	37.0	32.0	29.6	30.6	0.0	0.0	0.0
CONSTRUCTION YEAR 4	0.0	55.0	45.0	35.7	39.7	0.0	0.0	0.0
CONSTRUCTION YEAR 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONSTRUCTION YEAR 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
‡ 02/07/13 15:51:29 V04.0 R03.0							NewEnergy Associates Strategist	Page 970

AEP EAST
PROVIEW LEAST COST OPTIMIZATION SYSTEM
INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.ALTERNATIVE DATA.

ALTERNATIVE INDEX NUMBER ALTERNATIVE NAME ALTERNATIVE SOURCE INDEX ALTERNATIVE SOURCE TYPE	130	131	133	134	135	136	
	CR1G	CR2G	M1 2	M2 2	M1 5	M2 5	
	129	130	193	194	195	196	
	T	T	T	T	T	T	
EXPENDITURE PROFILE (%):							
CONSTRUCTION YEAR 1	100.0	100.0	100.0	100.0	100.0	100.0	
CONSTRUCTION YEAR 2	0.0	0.0	0.0	0.0	0.0	0.0	
CONSTRUCTION YEAR 3	0.0	0.0	0.0	0.0	0.0	0.0	
CONSTRUCTION YEAR 4	0.0	0.0	0.0	0.0	0.0	0.0	
CONSTRUCTION YEAR 5	0.0	0.0	0.0	0.0	0.0	0.0	
CONSTRUCTION YEAR 6	0.0	0.0	0.0	0.0	0.0	0.0	
CONSTRUCTION YEAR 7	0.0	0.0	0.0	0.0	0.0	0.0	
CONSTRUCTION YEAR 8	0.0	0.0	0.0	0.0	0.0	0.0	
CONSTRUCTION YEAR 9	0.0	0.0	0.0	0.0	0.0	0.0	
CONSTRUCTION YEAR 10	0.0	0.0	0.0	0.0	0.0	0.0	
CONSTRUCTION YEAR 11	0.0	0.0	0.0	0.0	0.0	0.0	
CONSTRUCTION YEAR 12	0.0	0.0	0.0	0.0	0.0	0.0	
CONSTRUCTION YEAR 13	0.0	0.0	0.0	0.0	0.0	0.0	
CONSTRUCTION YEAR 14	0.0	0.0	0.0	0.0	0.0	0.0	
CONSTRUCTION YEAR 15	0.0	0.0	0.0	0.0	0.0	0.0	
‡ 02/07/13 15:51:29 V04.0 R03.0						NewEnergy Associates Strategist	Page 971

AEP EAST
PROVIEW LEAST COST OPTIMIZATION SYSTEM
INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.COMPANY.

GENERATING COMPANIES	1	2	3	4	5
	OPCO+CSP	I&M	APCO	KPCO	

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 15:51:29 V04.0 R03.0

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AEP EAST
 PROVIEW LEAST COST OPTIMIZATION SYSTEM
 INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.COMPANY.

GENERATING COMPANIES EFFLUENT	1 OPCO+CSP	2					
		1	2	3	4	5	6
		SO2 (E)	CO2 (S)	CO2 (G)	NOX (B)	NSR SO2	HG (E)
----- YEAR 2011 -----							
EMISSIONS LIMIT	TONS	99999899648.	99999899648.	99999899648.	99999899648.	99999899648.	99999899648.
MAXIMUM ALLOWANCES SOLD	TONS	99999899648.	99999899648.	99999899648.	99999899648.	99999899648.	99999899648.
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							

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

2 I&M
 1 2 3 4 5 6
 SO2 (E) CO2 (S) CO2 (G) NOX (B) NSR SO2 HG (E)

----- YEAR 2011 -----
 EMISSIONS LIMIT
 MAXIMUM ALLOWANCES SOLD

TONS 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.
 TONS 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 EFFLUENT	3	APCO					
		1 SO2 (E)	2 CO2 (S)	3 CO2 (G)	4 NOX (B)	5 NSR SO2	6 HG (E)
----- YEAR 2011 -----							
EMISSIONS LIMIT	TONS	99999899648.	99999899648.	99999899648.	99999899648.	99999899648.	99999899648.
MAXIMUM ALLOWANCES SOLD	TONS	99999899648.	99999899648.	99999899648.	99999899648.	99999899648.	99999899648.
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 PROVIEW LEAST COST OPTIMIZATION SYSTEM
 INPUT SUMMARY REPORT

QUALIFIER = PRV.INPUT.COMPANY.

GENERATING COMPANIES EFFLUENT	3	APCO					
		1 SO2 (E)	2 CO2 (S)	3 CO2 (G)	4 NOX (B)	5 NSR SO2	6 HG (E)
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- 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 EFFLUENT	4	KPCO					
		1 SO2 (E)	2 CO2 (S)	3 CO2 (G)	4 NOX (B)	5 NSR SO2	6 HG (E)
----- YEAR 2011 -----							
EMISSIONS LIMIT	TONS	99999899648.	99999899648.	99999899648.	99999899648.	99999899648.	99999899648.
MAXIMUM ALLOWANCES SOLD	TONS	99999899648.	99999899648.	99999899648.	99999899648.	99999899648.	99999899648.
----- YEAR 2012 -----							

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