SPS Forecasted Power/Fuel Prices

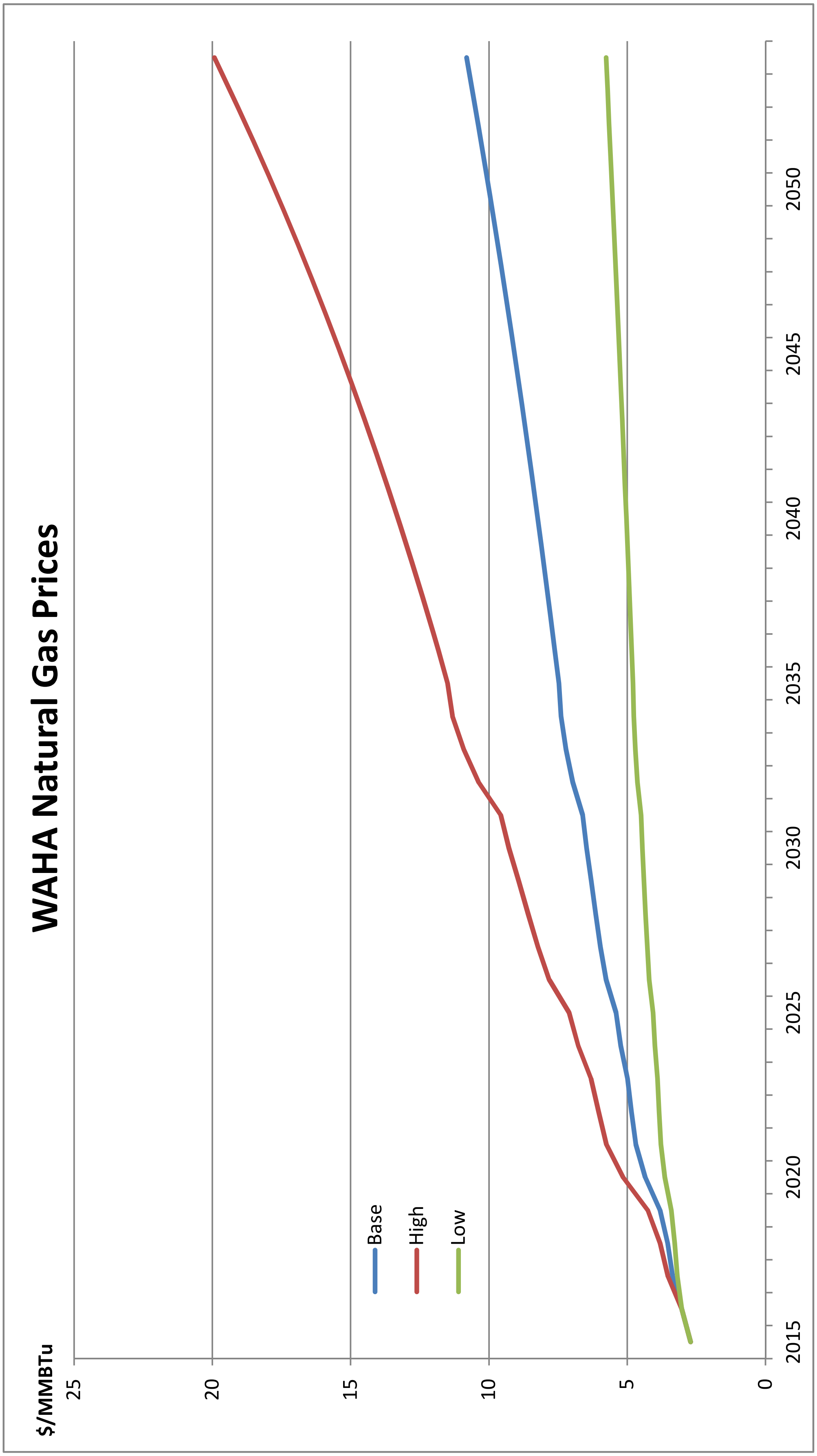
Base, High, and Low Forecasts

SPS Forecasted Power/Fuel Prices
Base, High and low Forecasts

	Waha Natural Gas ($/MMBtu)			Electricity ($/MWh)		Oil ($/MMBtu)	Coal ($/MMBTu)	
	Base	High	Low	SPP-ON	SPP-OFF	TUC	HAR	TOL
2015	2.70	2.70	2.70	29.91	21.68	16.01	1.69	1.86
2016	3.03	3.03	3.03	29.02	21.89	16.89	1.72	1.88
2017	3.36	3.53	3.19	31.78	23.52	16.52	1.92	1.96
2018	3.54	3.81	3.28	34.73	25.50	16.29	1.95	2.14
2019	3.82	4.25	3.41	39.57	28.71	16.78	2.00	2.21
2020	4.35	5.15	3.65	44.40	32.28	17.47	2.09	2.29
2021	4.69	5.75	3.79	45.35	30.19	18.19	2.17	2.37
2022	4.84	6.04	3.85	47.11	31.27	25.19	2.30	2.51
2023	4.99	6.31	3.91	48.19	32.12	26.20	2.40	2.62
2024	5.23	6.77	4.00	49.37	32.86	27.20	2.49	2.71
2025	5.40	7.10	4.07	50.79	32.31	28.21	2.57	2.79
2026	5.77	7.82	4.20	53.42	33.67	29.08	2.65	2.86
2027	5.97	8.22	4.28	54.64	34.37	29.91	2.72	2.94
2028	6.14	8.58	4.34	56.19	35.30	30.55	2.80	3.02
2029	6.30	8.92	4.40	56.92	35.95	31.15	2.89	3.10
2030	6.47	9.28	4.46	58.25	36.96	31.78	2.97	3.18
2031	6.61	9.57	4.50	59.04	37.57	32.30	3.07	3.28
2032	6.97	10.37	4.63	61.34	39.19	24.93	3.10	3.29
2033	7.21	10.91	4.71	62.86	40.31	25.39	3.19	3.38
2034	7.39	11.31	4.77	64.20	41.22	25.86	3.29	3.48
2035	7.47	11.49	4.79	64.40	41.56	34.73	3.40	3.58
2036	7.62	11.83	4.84	65.66	42.37	35.34	3.51	3.68
2037	7.77	12.18	4.89	66.94	43.20	35.96	3.62	3.78
2038	7.92	12.54	4.93	68.25	44.04	36.59	3.73	3.89
2039	8.07	12.90	4.98	69.58	44.90	37.24	3.85	4.00
2040	8.23	13.28	5.03	70.94	45.78	37.89	3.97	4.11
2041	8.39	13.67	5.08	72.33	46.68	38.56	4.09	4.23
2042	8.56	14.08	5.13	73.74	47.59	39.25	4.21	4.34
2043	8.73	14.49	5.18	75.18	48.52	39.94	4.34	4.46

SPS Forecasted Power/Fuel Prices
Base, High and low Forecasts

	Waha Natural Gas ($/MMBtu)			Electricity ($/MWh)		Oil ($/MMBtu)	Coal ($/MMBTu)	
	Base	High	Low	SPP-ON	SPP-OFF	TUC	HAR	TOL
2044	8.90	14.92	5.23	76.65	49.46	40.65	4.47	4.58
2045	9.07	15.35	5.28	78.15	50.43	41.38	4.61	4.71
2046	9.25	15.81	5.33	79.68	51.42	42.11	4.75	4.84
2047	9.43	16.27	5.39	81.23	52.42	42.87	4.90	4.97
2048	9.62	16.75	5.44	82.82	53.45	43.63	5.05	5.10
2049	9.80	17.24	5.49	84.44	54.49	44.42	5.20	5.24
2050	10.00	17.75	5.55	86.09	55.55	45.21	5.36	5.39
2051	10.19	18.27	5.60	87.77	56.64	46.03	5.53	5.54
2052	10.39	18.81	5.65	89.48	57.75	46.86	5.70	5.69
2053	10.60	19.36	5.71	91.23	58.87	47.70	5.87	5.85
2054	10.80	19.93	5.77	93.01	60.02	48.56	6.03	5.99


WAHA Natural Gas Prices
$/MMBTu
25
20
15
10
5
0
2015
2020
2025
2030
2035
2040
2045
2050
Base
High
Low

SPS Generic Unit Cost Data

1st CT AT GAINES COUNTY- OPERATIONAL AND COST MODELING DATA

Texas Location
SGT6-PAC5000F

All costs in year 2014 dollars

Data Description	Values			Notes
Ambient Dry Bulb Temperature, F	Summer, 96	Ann Avg, 59	Winter, 20	
Max (100%) Net Capacity MW	182.8	208.8	216.6	
75% Net Capacity, MW	137.1	156.6	162.5	
50% Net Capacity, MW	91.4	104.4	108.3	
Supplemental / Ducts Capacity MW				
Supplemental / Ducts Heat Rate				
HR 100% Loading, BTU/kW-hr (HHV)	10,158	9,778	9,629	
HR 75% Loading, BTU/kW-hr (HHV)	10,780	10,007	9,230	
HR 50% Loading, BTU/kW-hr (HHV)	12,331	11,186	10,394	

	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Construction Costs k$	$1,701	$24,180	$31,350	$49,988	$20,522	127,741
Escalation Rates for Construction						
Annual S - Curve assumption						
Est Annual Capacity Factor, %	9%					

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
Fixed O&M Cost, $k/yr	See Breakout	$ 248.9	$ 253.8	$ 258.9	$ 264.1	$ 269.4	$ 274.8	$ 280.2	$ 285.9	$ 291.6	$ 297.4	$ 303.4	$ 309.4
Variable O&M Costs, $k/yr		$ 192	$ 196	$ 200	$ 204	$ 208	$ 1,011	$ 216	$ 220	$ 225	$ 229	$ 234	$ 873
Variable O&M Costs, $/MWh	See Breakout	$ 1.15	$ 1.18	$ 1.20	$ 1.22	$ 1.25	$ 6.08	$ 1.30	$ 1.32	$ 1.35	$ 1.38	$ 1.41	$ 5.24
On-going Capx, $k/yr	See Breakout	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,005	$ -	$ -	$ -	$ -	$ -

EFOR	3.0%	
PM, lbm/hr	8.0000	For First Unit
NOx, ppm	9.00	For First Unit
SO2, lb/MMBTU		
Hg, lb/TBTU	0.0000	For First Unit
CO ppm	9.00	For First Unit
Electrical Interconnection Cost, k$	-	All included in Construction $
Gas Supply Costs, k$	25M	Gas pipeline connection, On-Site, included in Construction $
Water costs, k$/yr	20K	Included in VOM
Water Usage, acre-ft/yr	9	Based on operating hours per year
Wet or dry cooled	Dry	
Supplemental firing	No	

1st CT AT GAINES COUNTY- OPERATIONAL AND COST MODELING DATA

Texas Location
SGT6-PAC5000F

All costs in year 2014 dollars

Data Description	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25
Ambient Dry Bulb Temperature, F													
Max (100%) Net Capacity MW													
75% Net Capacity, MW													
50% Net Capacity, MW													
Supplemental / Ducts Capacity MW													
Supplemental / Ducts Heat Rate													
HR 100% Loading, BTU/kW-hr (HHV)													
HR 75% Loading, BTU/kW-hr (HHV)													
HR 50% Loading, BTU/kW-hr (HHV)													
Construction Costs k$													
Escalation Rates for Construction													
Annual S - Curve assumption													
Est Annual Capacity Factor, %													
Fixed O&M Cost, $k/yr	$ 315.6	$ 321.9	$ 328.4	$ 334.9	$ 341.6	$ 348.5	$ 355.4	$ 362.5	$ 369.8	$ 377.2	$ 384.7	$ 392.4	$ 400.3
Variable O&M Costs, $k/yr	$ 243	$ 248	$ 253	$ 258	$ 263	$ 269	$ 274	$ 279	$ 285	$ 291	$ 297	$ 303	$ 309
Variable O&M Costs, $/MWh	$ 1.46	$ 1.49	$ 1.52	$ 1.55	$ 1.58	$ 1.61	$ 1.65	$ 1.68	$ 1.71	$ 1.75	$ 1.78	$ 1.82	$ 1.85
On-going Capx, $k/yr	$ -	$ 15,174	$ -	$ -	$ -	$ -	$ -	$ -	$ 13,201	$ -	$ -	$ -	$ -
EFOR													
PM, lbm/hr													
NOx, ppm													
SO2, lb/MMBTU													
Hg, lb/TBTU													
CO ppm													
Electrical Interconnection Cost, k$													
Gas Supply Costs, k$													
Water costs, k$/yr													
Water Usage, acre-ft/yr													
Wet or dry cooled													
Supplemental firing													

1st CT AT GAINES COUNTY- OPERATIONAL AND COST MODELING DATA

Texas Location
SGT6-PAC5000F

All costs in year 2014 dollars

Data Description	Values			Notes
Ambient Dry Bulb Temperature, F	Summer, 96	Ann Avg, 59	Winter, 20	
Max (100%) Net Capacity MW	182.8	208.8	216.6	
75% Net Capacity, MW	137.1	156.6	162.5	
50% Net Capacity, MW	91.4	104.4	108.3	
Supplemental / Ducts Capacity MW				
Supplemental / Ducts Heat Rate				
HR 100% Loading, BTU/kW-hr (HHV)	10,158	9,778	9,629	
HR 75% Loading, BTU/kW-hr (HHV)	10,780	10,007	9,230	
HR 50% Loading, BTU/kW-hr (HHV)	12,331	11,186	10,394	

	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Construction Costs k$ With Duct Fire	$224	$19,611	$30,327	$30,370	$13,272	93,804
Escalation Rates for Construction						
Annual S - Curve assumption						
Est Annual Capacity Factor, %	9%					

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
Fixed O&M Cost, $k/yr	See Breakout	$ 199.1	$ 203.1	$ 207.1	$ 211.3	$ 215.5	$ 219.8	$ 224.2	$ 228.7	$ 233.3	$ 237.9	$ 242.7	$ 247.5
Variable O&M Costs, $k/yr		$ 192	$ 196	$ 200	$ 204	$ 208	$ 1,011	$ 216	$ 220	$ 225	$ 229	$ 234	$ 873
Variable O&M Costs, $/MWh	See Breakout	$ 1.15	$ 1.18	$ 1.20	$ 1.22	$ 1.25	$ 6.08	$ 1.30	$ 1.32	$ 1.35	$ 1.38	$ 1.41	$ 5.24
On-going Capx, $k/yr	See Breakout	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,005	$ -	$ -	$ -	$ -	$ -

EFOR	3.0%
PM, lbm/hr	8.0000
NOx, ppm	9.00
SO2, lb/MMBTU	
Hg, lb/TBTU	0.0000
CO ppm	9.00

Electrical Interconnection Cost, k$	$12m
Gas Supply Costs, k$	-
Water costs, k$/yr	20K
Water Usage, acre-ft/yr	9
Wet or dry cooled	Dry
Supplemental firing	No

1st CT AT GAINES COUNTY- OPERATIONAL AND COST MODELING DATA

Texas Location
SGT6-PAC5000F

All costs in year 2014 dollars

Data Description

Ambient Dry Bulb Temperature, F
Max (100%) Net Capacity MW
75% Net Capacity, MW
50% Net Capacity, MW
Supplemental / Ducts Capacity MW
Supplemental / Ducts Heat Rate
HR 100% Loading, BTU/kW-hr (HHV)
HR 75% Loading, BTU/kW-hr (HHV)
HR 50% Loading, BTU/kW-hr (HHV)

Construction Costs k$ With Duct Fire
Escalation Rates for Construction
Annual S - Curve assumption
Est Annual Capacity Factor, %

	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25
Fixed O&M Cost, $k/yr	$ 252.5	$ 257.5	$ 262.7	$ 267.9	$ 273.3	$ 278.8	$ 284.3	$ 290.0	$ 295.8	$ 301.7	$ 307.8	$ 313.9	$ 320.2
Variable O&M Costs, $k/yr	$ 243	$ 248	$ 253	$ 258	$ 263	$ 269	$ 274	$ 279	$ 285	$ 291	$ 297	$ 303	$ 309
Variable O&M Costs, $/MWh	$ 1.46	$ 1.49	$ 1.52	$ 1.55	$ 1.58	$ 1.61	$ 1.65	$ 1.68	$ 1.71	$ 1.75	$ 1.78	$ 1.82	$ 1.85
On-going Capx, $k/yr	$ -	$ 15,174	$ -	$ -	$ -	$ -	$ -	$ -	$ 13,201	$ -	$ -	$ -	$ -

EFOR
PM, lbm/hr
NOx, ppm
SO2, lb/MMBTU
Hg, lb/TBTU
CO ppm

Electrical Interconnection Cost, k$
Gas Supply Costs, k$
Water costs, k$/yr
Water Usage, acre-ft/yr
Wet or dry cooled
Supplemental firing

1st CT AT GAINES COUNTY- OPERATIONAL AND COST MODELING DATA

Texas Location
2X1 CC Max Fire, Dry Cooled
All costs in year 2014 dollars

Data Description	Values			Notes	
Ambient Dry Bulb Temperature, F	Summer, 96	Ann Avg, 59	Winter, 20		
Max (100%) Net Capacity MW	575.4	613.6	633.7	2 Units	
75% Net Capacity, MW	431.6	460.2	475.3	2 Units	1.10591084
50% Net Capacity, MW	287.7	306.8	316.9	1 Unit at Full Load	
30% Net Capacity, MW	172.6	184.1	190.1	1 Unit at Half Load	
Supplemental / Ducts Capacity MW	757.7	807.2	831.1		
Supplemental / Ducts Heat Rate	7,593	7,322	7,263		
HR 100% Loading, BTU/kW-hr (HHV)	7,021	6,806	6,758		
HR 75% Loading, BTU/kW-hr (HHV)	7,230	6,876	6,790		
HR 50% Loading, BTU/kW-hr (HHV)	7,340	6,914	6,843		
HR 30% (Min) Loading, BTU/kW-hr (HHV)	8,549	7,566	7,390		
Cold Start to Full Load, m					
Hot Start to Full Load, m					
Ramp Rate, MW/m					

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Construction Costs k$	$83	$903	$26,471	$132,785	$245,442	46,183	$451,867
Escalation Rates for Construction							
Annual S - Curve assumption							
Est Annual Capacity Factor, %	60						

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
Fixed O&M Cost, $k/yr	See Breakout	$ 1,350	$ 1,377	$ 1,404	$ 1,432	$ 1,461	$ 1,490	$ 1,520	$ 1,551	$ 1,582	$ 1,613	$ 1,645	$ 1,678
Variable O&M Costs, $k/yr		$ 562	$ 574	$ 1,317	$ 597	$ 609	$ 3,095	$ 633	$ 646	$ 1,483	$ 672	$ 686	$ 2,920
Variable O&M Costs, $/MWh	See Breakout	$ 3.38	$ 3.45	$ 7.92	$ 3.59	$ 3.66	$ 18.60	$ 3.81	$ 3.88	$ 8.91	$ 4.04	$ 4.12	$ 17.55
On-going CapX, $k/yr	See Breakout	$ -	$ -	$ -	$ -	$ -	$ 20,819	$ -	$ -	$ 9,892	$ -	$ -	$ 36,473

EFOR	3.0%	
PM, lbm/hr	37.0000	For all Units
NOx, ppm	4.00	For all Units
SO2, lb/MMBTU		
Hg, lb/TBTU	0.0000	For all Units
CO ppm	4.00	For all Units
Electrical Interconnection Cost, k$	$32m	All included in Construction $
Gas Supply Costs, k$	-	
Water costs, k$/yr	80K	For All Units
Water Usage, acre-ft/yr	36	Based on operating hours per year
Wet or dry cooled	Dry	
Supplemental firing	No	

1st CT AT GAINES COUNTY- OPERATIONAL AND COST MODELING DATA

Texas Location
2X1 CC Max Fire, Dry Cooled
All costs in year 2014 dollars

Data Description

Ambient Dry Bulb Temperature, F
Max (100%) Net Capacity MW
75% Net Capacity, MW
50% Net Capacity, MW
30% Net Capacity, MW
Supplemental / Ducts Capacity MW
Supplemental / Ducts Heat Rate
HR 100% Loading, BTU/kW-hr (HHV)
HR 75% Loading, BTU/kW-hr (HHV) \
HR 50% Loading, BTU/kW-hr (HHV)
HR 30% (Min) Loading, BTU/kW-hr (HHV)
Cold Start to Full Load, m
Hot Start to Full Load, m
Ramp Rate, MW/m

Construction Costs k$
Escalation Rates for Construction
Annual S - Curve assumption
Est Annual Capacity Factor, %

Data Description	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25
Fixed O&M Cost, $k/yr	$ 1,712	$ 1,746	$ 1,781	$ 1,817	$ 1,853	$ 1,890	$ 1,928	$ 1,966	$ 2,006	$ 2,046	$ 2,087	$ 2,129	$ 2,171
Variable O&M Costs, $k/yr	$ 713	$ 728	$ 1,670	$ 757	$ 772	$ 1,773	$ 803	$ 819	$ 1,881	$ 852	$ 870	$ 1,996	$ 905
Variable O&M Costs, $/MWh	$ 4.29	$ 4.37	$ 10.04	$ 4.55	$ 4.64	$ 10.65	$ 4.83	$ 4.92	$ 11.31	$ 5.12	$ 5.23	$ 12.00	$ 5.44
On-going CapX, $k/yr	$ -	$ -	$ -	$ -	$ -	$ 36,296	$ -	$ -	$ -	$ -	$ -	$ 46,257	$ -

EFOR
PM, lbm/hr
NOx, ppm
SO2, lb/MMBTU
Hg, lb/TBTU
CO ppm

Electrical Interconnection Cost, k$
Gas Supply Costs, k$
Water costs, k$/yr
Water Usage, acre-ft/yr
Wet or dry cooled
Supplemental firing

1st CT AT GAINES COUNTY- OPERATIONAL AND COST MODELING DATA

Texas Location
SGT6-PAC5000F

All costs in year 2014 dollars

Data Description	Values			Notes
Ambient Dry Bulb Temperature, F	Summer, 96	Ann Avg, 59	Winter, 20	
Max (100%) Net Capacity MW	182.8	208.8	216.6	
75% Net Capacity, MW	137.1	156.6	162.5	
50% Net Capacity, MW	91.4	104.4	108.3	
Supplemental / Ducts Capacity MW				
Supplemental / Ducts Heat Rate				
HR 100% Loading, BTU/kW-hr (HHV)	10,158	9,778	9,629	
HR 75% Loading, BTU/kW-hr (HHV)	10,780	10,007	9,230	
HR 50% Loading, BTU/kW-hr (HHV)	12,331	11,186	10,394	

	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Construction Costs k$ With Duct Fire	$224	$19,611	$30,327	$30,370	$13,272	93,804
Escalation Rates for Construction						
Annual S - Curve assumption						
Est Annual Capacity Factor, %	9%					

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
Fixed O&M Cost, $k/yr	See Breakout	$ 199.1	$ 203.1	$ 207.1	$ 211.3	$ 215.5	$ 219.8	$ 224.2	$ 228.7	$ 233.3	$ 237.9	$ 242.7	$ 247.5
Variable O&M Costs, $k/yr		$ 192	$ 196	$ 200	$ 204	$ 208	$ 1,011	$ 216	$ 220	$ 225	$ 229	$ 234	$ 873
Variable O&M Costs, $/MWh	See Breakout	$ 1.15	$ 1.18	$ 1.20	$ 1.22	$ 1.25	$ 6.08	$ 1.30	$ 1.32	$ 1.35	$ 1.38	$ 1.41	$ 5.24
On-going Capx, $k/yr	See Breakout	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,005	$ -	$ -	$ -	$ -	$ -
EFOR	3.0%												
PM, lbm/hr	8.0000												
NOx, ppm	9.00												
SO2, lb/MMBTU													
Hg, lb/TBTU	0.0000												
CO ppm	9.00												

Electrical Interconnection Cost, k$	$9m	All included in Construction $
Gas Supply Costs, k$	-	
Water costs, k$/yr	20K	
Water Usage, acre-ft/yr	9	
Wet or dry cooled	Dry	
Supplemental firing	No	

1st CT AT GAINES COUNTY- OPERATIONAL AND COST MODELING DATA

Texas Location
SGT6-PAC5000F

All costs in year 2014 dollars

Data Description	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25
Ambient Dry Bulb Temperature, F													
Max (100%) Net Capacity MW													
75% Net Capacity, MW													
50% Net Capacity, MW													
Supplemental / Ducts Capacity MW													
Supplemental / Ducts Heat Rate													
HR 100% Loading, BTU/kW-hr (HHV)													
HR 75% Loading, BTU/kW-hr (HHV)													
HR 50% Loading, BTU/kW-hr (HHV)													
Construction Costs k$ With Duct Fire													
Escalation Rates for Construction													
Annual S - Curve assumption													
Est Annual Capacity Factor, %													
Fixed O&M Cost, $k/yr	$ 252.5	$ 257.5	$ 262.7	$ 267.9	$ 273.3	$ 278.8	$ 284.3	$ 290.0	$ 295.8	$ 301.7	$ 307.8	$ 313.9	$ 320.2
Variable O&M Costs, $k/yr	$ 243	$ 248	$ 253	$ 258	$ 263	$ 269	$ 274	$ 279	$ 285	$ 291	$ 297	$ 303	$ 309
Variable O&M Costs, $/MWh	$ 1.46	$ 1.49	$ 1.52	$ 1.55	$ 1.58	$ 1.61	$ 1.65	$ 1.68	$ 1.71	$ 1.75	$ 1.78	$ 1.82	$ 1.85
On-going Capx, $k/yr	$ -	$ 15,174	$ -	$ -	$ -	$ -	$ -	$ -	$ 13,201	$ -	$ -	$ -	$ -
EFOR													
PM, lbm/hr													
NOx, ppm													
SO2, lb/MMBTU													
Hg, lb/TBTU													
CO ppm													
Electrical Interconnection Cost, k$													
Gas Supply Costs, k$													
Water costs, k$/yr													
Water Usage, acre-ft/yr													
Wet or dry cooled													
Supplemental firing													

1st CT AT GAINES COUNTY- OPERATIONAL AND COST MODELING DATA

Texas Location
2X1 CC Max Fire, Dry Cooled
All costs in year 2014 dollars

Data Description	Values			Notes	
Ambient Dry Bulb Temperature, F	Summer, 96	Ann Avg, 59	Winter, 20		
Max (100%) Net Capacity MW	575.4	613.6	633.7	2 Units	
75% Net Capacity, MW	431.6	460.2	475.3	2 Units	1.10591084
50% Net Capacity, MW	287.7	306.8	316.9	1 Unit at Full Load	
30% Net Capacity, MW	172.6	184.1	190.1	1 Unit at Half Load	
Supplemental / Ducts Capacity MW	757.7	807.2	831.1		
Supplemental / Ducts Heat Rate	7,593	7,322	7,263		
HR 100% Loading, BTU/kW-hr (HHV)	7,021	6,806	6,758		
HR 75% Loading, BTU/kW-hr (HHV)	7,230	6,876	6,790		
HR 50% Loading, BTU/kW-hr (HHV)	7,340	6,914	6,843		
HR 30% (Min) Loading, BTU/kW-hr (HHV)	8,549	7,566	7,390		
Cold Start to Full Load, m					
Hot Start to Full Load, m					
Ramp Rate, MW/m					

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Construction Costs k$	$1,994	$43,813	$204,425	$299,243	$65,534	$0	$615,008

Escalation Rates for Construction
Annual S - Curve assumption
Est Annual Capacity Factor, % 60

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
Fixed O&M Cost, $k/yr	See Breakout	$ 2,803	$ 2,859	$ 2,916	$ 2,975	$ 3,034	$ 3,095	$ 3,157	$ 3,220	$ 3,284	$ 3,350	$ 3,417	$ 3,485
Variable O&M Costs, $k/yr		$ 669	$ 682	$ 1,428	$ 709	$ 724	$ 3,212	$ 753	$ 768	$ 1,608	$ 799	$ 815	$ 3,052
Variable O&M Costs, $/MWh	See Breakout	$ 4.02	$ 4.10	$ 8.58	$ 4.26	$ 4.35	$ 19.30	$ 4.52	$ 4.62	$ 9.66	$ 4.80	$ 4.90	$ 18.34
On-going CapX, $k/yr	See Breakout	$ -	$ -	$ -	$ -	$ -	$ 20,819	$ -	$ -	$ 9,892	$ -	$ -	$ 36,473

EFOR	3.0%	
PM, lbm/hr	37.0000	For all Units
NOx, ppm	4.00	For all Units
SO2, lb/MMBTU		
Hg, lb/TBTU	0.0000	For all Units
CO ppm	4.00	For all Units
Electrical Interconnection Cost, k$	$40m	All included in Construction $
Gas Supply Costs, k$	$25m	
Water costs, k$/yr	$284k	For All Units
Water Usage, acre-ft/yr	36	Based on operating hours per year
Wet or dry cooled	Dry	
Supplemental firing	No	

1st CT AT GAINES COUNTY- OPERATIONAL AND COST MODELING DATA

Texas Location
2X1 CC Max Fire, Dry Cooled
All costs in year 2014 dollars

Data Description	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25
Ambient Dry Bulb Temperature, F													
Max (100%) Net Capacity MW													
75% Net Capacity, MW													
50% Net Capacity, MW													
30% Net Capacity, MW													
Supplemental / Ducts Capacity MW													
Supplemental / Ducts Heat Rate													
HR 100% Loading, BTU/kW-hr (HHV)													
HR 75% Loading, BTU/kW-hr (HHV)													
HR 50% Loading, BTU/kW-hr (HHV)													
HR 30% (Min) Loading, BTU/kW-hr (HHV)													
Cold Start to Full Load, m													
Hot Start to Full Load, m													
Ramp Rate, MW/m													
Construction Costs k$													
Escalation Rates for Construction													
Annual S - Curve assumption													
Est Annual Capacity Factor, %													
Fixed O&M Cost, $k/yr	$ 3,555	$ 3,626	$ 3,698	$ 3,772	$ 3,848	$ 3,925	$ 4,003	$ 4,083	$ 4,165	$ 4,248	$ 4,333	$ 4,420	$ 4,508
Variable O&M Costs, $k/yr	$ 848	$ 865	$ 1,811	$ 900	$ 918	$ 1,921	$ 955	$ 974	$ 2,039	$ 1,013	$ 1,034	$ 2,164	$ 1,075
Variable O&M Costs, $/MWh	$ 5.10	$ 5.20	$ 10.88	$ 5.41	$ 5.52	$ 11.55	$ 5.74	$ 5.85	$ 12.25	$ 6.09	$ 6.21	$ 13.00	$ 6.46
On-going CapX, $k/yr	$ -	$ -	$ -	$ -	$ -	$ 36,296	$ -	$ -	$ -	$ -	$ -	$ 46,257	$ -
EFOR													
PM, lbm/hr													
NOx, ppm													
SO2, lb/MMBTU													
Hg, lb/TBTU													
CO ppm													
Electrical Interconnection Cost, k$													
Gas Supply Costs, k$													
Water costs, k$/yr													
Water Usage, acre-ft/yr													
Wet or dry cooled													
Supplemental firing													

1st CT AT GAINES COUNTY- OPERATIONAL AND COST MODELING DATA

Texas Location
2X1 CC Max Fire, Dry Cooled
All costs in year 2014 dollars

Data Description	Values			Notes	
Ambient Dry Bulb Temperature, F	Summer, 96	Ann Avg, 59	Winter, 20		
Max (100%) Net Capacity MW	575.4	613.6	633.7	2 Units	
75% Net Capacity, MW	431.6	460.2	475.3	2 Units	1.10591084
50% Net Capacity, MW	287.7	306.8	316.9	1 Unit at Full Load	
30% Net Capacity, MW	172.6	184.1	190.1	1 Unit at Half Load	
Supplemental / Ducts Capacity MW	757.7	807.2	831.1		
Supplemental / Ducts Heat Rate	7,593	7,322	7,263		
HR 100% Loading, BTU/kW-hr (HHV)	7,021	6,806	6,758		
HR 75% Loading, BTU/kW-hr (HHV)	7,230	6,876	6,790		
HR 50% Loading, BTU/kW-hr (HHV)	7,340	6,914	6,843		
HR 30% (Min) Loading, BTU/kW-hr (HHV)	8,549	7,566	7,390		
Cold Start to Full Load, m					
Hot Start to Full Load, m					
Ramp Rate, MW/m					

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Construction Costs k$	$994	$38,688	$202,800	$297,993	$65,534	$0	$606,008
Escalation Rates for Construction							
Annual S - Curve assumption							
Est Annual Capacity Factor, %	60						

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
Fixed O&M Cost, $k/yr	See Breakout	$ 1,350	$ 1,377	$ 1,404	$ 1,432	$ 1,461	$ 1,490	$ 1,520	$ 1,551	$ 1,582	$ 1,613	$ 1,645	$ 1,678
Variable O&M Costs, $k/yr		$ 562	$ 574	$ 1,317	$ 597	$ 609	$ 3,095	$ 633	$ 646	$ 1,483	$ 672	$ 686	$ 2,920
Variable O&M Costs, $/MWh	See Breakout	$ 3.38	$ 3.45	$ 7.92	$ 3.59	$ 3.66	$ 18.60	$ 3.81	$ 3.88	$ 8.91	$ 4.04	$ 4.12	$ 17.55
On-going CapX, $k/yr	See Breakout	$ -	$ -	$ -	$ -	$ -	$ 20,819	$ -	$ -	$ 9,892	$ -	$ -	$ 36,473

EFOR	3.0%	
PM, lbm/hr	37.0000	For all Units
NOx, ppm	4.00	For all Units
SO2, lb/MMBTU		
Hg, lb/TBTU	0.0000	For all Units
CO ppm	4.00	For all Units
Electrical Interconnection Cost, k$		All included in Construction $
Gas Supply Costs, k$	$12m	
Water costs, k$/yr	$100k	For All Units
Water Usage, acre-ft/yr	36	Based on operating hours per year
Wet or dry cooled	Dry	
Supplemental firing	No	

1st CT AT GAINES COUNTY- OPERATIONAL AND COST MODELING DATA

Texas Location
2X1 CC Max Fire, Dry Cooled
All costs in year 2014 dollars

Data Description	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25
Ambient Dry Bulb Temperature, F													
Max (100%) Net Capacity MW													
75% Net Capacity, MW													
50% Net Capacity, MW													
30% Net Capacity, MW													
Supplemental / Ducts Capacity MW													
Supplemental / Ducts Heat Rate													
HR 100% Loading, BTU/kW-hr (HHV)													
HR 75% Loading, BTU/kW-hr (HHV)													
HR 50% Loading, BTU/kW-hr (HHV)													
HR 30% (Min) Loading, BTU/kW-hr (HHV)													
Cold Start to Full Load, m													
Hot Start to Full Load, m													
Ramp Rate, MW/m													
Construction Costs k$													
Escalation Rates for Construction													
Annual S - Curve assumption													
Est Annual Capacity Factor, %													
Fixed O&M Cost, $k/yr	$ 1,712	$ 1,746	$ 1,781	$ 1,817	$ 1,853	$ 1,890	$ 1,928	$ 1,966	$ 2,006	$ 2,046	$ 2,087	$ 2,129	$ 2,171
Variable O&M Costs, $k/yr	$ 713	$ 728	$ 1,670	$ 757	$ 772	$ 1,773	$ 803	$ 819	$ 1,881	$ 852	$ 870	$ 1,996	$ 905
Variable O&M Costs, $/MWh	$ 4.29	$ 4.37	$ 10.04	$ 4.55	$ 4.64	$ 10.65	$ 4.83	$ 4.92	$ 11.31	$ 5.12	$ 5.23	$ 12.00	$ 5.44
On-going CapX, $k/yr	$ -	$ -	$ -	$ -	$ -	$ 36,296	$ -	$ -	$ -	$ -	$ -	$ 46,257	$ -
EFOR													
PM, lbm/hr													
NOx, ppm													
SO2, lb/MMBTU													
Hg, lb/TBTU													
CO ppm													
Electrical Interconnection Cost, k$													
Gas Supply Costs, k$													
Water costs, k$/yr													
Water Usage, acre-ft/yr													
Wet or dry cooled													
Supplemental firing													

SPS Forecasted Operational Detail

Summary Sheet - Base Case Model Run

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
System Costs ($000)														
Capital Revenue Requirements	129,065	134,822	137,782	140,953	143,475	154,344	173,324	179,644	179,171	180,841	168,904	167,399	160,148	153,625
Fixed O&M	239,965	252,691	256,722	269,037	228,491	220,839	223,383	218,173	233,480	244,761	281,419	287,449	308,717	346,823
Variable O&M	633,234	687,634	760,648	840,091	872,078	953,502	1,010,602	1,030,928	1,088,119	1,119,949	1,146,870	1,212,118	1,248,999	1,322,877
Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	-47	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	1,002,264	1,075,100	1,155,152	1,250,081	1,244,044	1,328,685	1,407,309	1,428,745	1,500,770	1,545,551	1,597,193	1,666,966	1,717,865	1,823,325
Fuel Burn (1000 MMBTu)														
Coal	127,816	134,963	134,377	134,239	136,879	135,969	133,770	137,227	133,434	133,192	139,737	137,767	135,319	140,197
Natural Gas	58,230	54,950	59,195	63,873	62,575	65,039	65,450	60,727	63,641	66,486	64,769	66,333	68,020	68,086
Emission Tons														
CO2	19,728,510	19,975,158	20,681,456	21,453,212	21,273,956	21,306,058	21,800,830	21,742,098	21,713,308	21,462,556	21,969,826	22,009,462	21,258,178	21,349,426
SOX	37,314	38,466	39,339	40,313	40,335	40,010	40,975	41,636	41,088	40,448	42,027	41,832	40,149	40,510
NOX	14,003	14,080	14,599	15,362	15,615	15,633	16,150	16,074	16,084	14,954	14,719	14,744	13,660	13,439
Energy Mix (GWh)														
Coal	12572.5	13281.9	13226.1	13210.5	13487.0	13388.1	13170.5	13516.9	13134.1	13113.7	13768.3	13566.7	13325.4	13815.0
Natural Gas	7251.7	6898.6	7450.0	7943.6	7469.5	7710.8	7742.3	7213.8	7543.8	8455.0	8651.0	8871.9	9439.7	9559.9
Wind	5615.6	6887.1	6625.5	6625.5	6621.1	6638.6	6621.1	6621.1	6621.1	6634.6	6320.7	6265.2	6957.1	7668.0
Oil	0.2	0.2	0.2	0.3	0.4	0.7	0.5	0.4	0.6	0.6	0.4	0.4	0.4	0.5
Solar	111.9	120.9	138.0	163.0	175.6	252.4	270.1	288.4	303.9	323.0	337.6	353.1	368.5	387.8
Biomass	0.0	0.0	35.0	42.0	42.0	56.2	56.1	63.1	63.1	70.3	70.1	70.1	70.1	77.3
Load Control	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4
Market Purchases	2521.9	2158.0	2769.7	3309.5	2929.8	2909.1	3742.7	3637.6	3918.9	3541.1	3489.7	3698.4	3038.8	2542.0
Dump Energy & Emmergency Purchases	0.1	-1.9	0.3	1.0	1.7	1.8	1.1	0.7	2.4	1.3	1.0	1.0	0.1	0.4

Summary Sheet - Base Case Model Run

	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
System Costs ($000)														
Capital Revenue Requirements	153,285	147,737	143,943	147,452	150,868	145,034	148,448	135,976	139,696	125,501	128,543	102,633	104,912	59,930
Fixed O&M	362,960	391,455	440,989	459,521	466,701	506,651	585,673	611,819	669,924	687,985	738,175	783,890	848,264	896,592
Variable O&M	1,400,798	1,469,910	1,532,439	1,618,598	1,718,268	1,782,911	1,929,055	2,092,890	2,169,181	2,328,432	2,438,465	2,576,050	2,688,119	2,873,210
Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	1,917,043	2,009,102	2,117,372	2,225,572	2,335,837	2,434,596	2,663,176	2,840,685	2,978,801	3,141,918	3,305,183	3,462,574	3,641,295	3,829,732
Fuel Burn (1000 MMBTu)														
Coal	136,953	137,295	142,395	139,825	137,924	143,248	140,778	116,651	124,051	97,481	96,686	78,646	74,606	39,081
Natural Gas	72,639	85,437	85,899	93,881	97,935	100,930	127,383	154,956	156,765	181,287	187,843	204,924	214,569	241,535
Emission Tons														
CO2	21,581,570	21,318,102	21,999,696	22,381,896	22,835,742	23,273,812	23,884,442	23,072,298	23,806,094	22,604,122	22,965,540	21,828,172	21,895,084	20,356,250
SOX	40,301	38,238	39,782	39,506	40,019	40,914	38,873	33,149	34,620	28,472	28,478	23,585	22,343	14,786
NOX	13,539	12,468	12,875	12,889	13,252	13,083	12,081	10,635	10,986	9,311	9,376	7,932	7,583	5,815
Energy Mix (GWh)														
Coal	13483.4	13523.2	14037.2	13772.2	13585.9	14121.1	13864.1	11557.2	12289.0	9717.0	9644.1	7878.8	7471.1	3946.4
Natural Gas	10174.7	12123.0	12283.1	13360.5	13859.3	14484.7	18384.8	22423.5	22753.8	26115.0	26979.4	29575.5	31015.0	34881.0
Wind	7708.2	7763.8	7738.8	7590.4	7447.8	7354.1	5338.4	4371.9	4294.0	3871.6	3883.1	3873.6	3730.4	3780.7
Oil	0.4	0.5	0.7	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	402.3	417.7	419.9	340.4	340.5	341.5	342.4	344.2	344.3	345.3	346.2	348.0	348.1	349.0
Biomass	77.1	84.1	91.1	91.4	98.1	98.1	98.1	98.4	105.1	105.1	112.1	112.4	119.1	119.1
Load Control	1.4	1.3	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
Market Purchases	2938.9	1634.1	1784.4	2043.6	2572.0	2339.4	1585.6	1731.9	1506.7	1989.0	2042.3	2103.9	2004.7	2488.9
Dump Energy & Emmergency Purchases	0.7	0.1	0.7	0.7	1.7	0.2	0.4	0.1	0.2	0.1	0.1	0.1	0.0	0.0

Summary Sheet - Base Case Model Run

	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
System Costs ($000)												
Capital Revenue Requirements	60,582	60,909	16,768	16,851	17,184	17,576	18,046	18,619	19,333	20,254	21,244	22,396
Fixed O&M	966,946	1,013,314	1,068,252	1,167,806	1,239,000	1,290,059	1,313,774	1,369,144	1,426,505	1,480,693	1,545,768	1,613,389
Variable O&M	2,988,034	3,121,178	3,330,124	3,436,182	3,567,182	3,717,998	3,765,229	3,849,593	3,999,021	4,154,163	4,318,333	4,483,397
Emissions	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	4,015,561	4,195,401	4,415,145	4,620,839	4,823,365	5,025,634	5,097,050	5,237,356	5,444,859	5,655,110	5,885,345	6,119,183
Fuel Burn (1000 MMBTu)												
Coal	39,081	39,190	0	0	0	0	0	0	0	0	0	0
Natural Gas	248,449	254,036	284,990	291,257	297,871	303,965	300,909	300,772	306,195	311,453	316,593	321,996
Emission Tons												
CO2	20,594,818	21,069,840	18,913,996	19,037,020	19,315,096	19,724,332	19,569,956	19,552,828	19,926,980	20,299,166	20,707,828	21,104,440
SOX	14,368	14,734	4,954	4,174	3,897	4,104	4,157	4,145	4,305	4,465	4,745	4,967
NOX	5,647	5,833	3,265	2,917	2,816	2,942	2,952	2,950	3,044	3,140	3,289	3,415
Energy Mix (GWh)												
Coal	3946.4	3957.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Natural Gas	35962.9	36695.2	41060.8	42354.0	43355.6	44071.0	43641.7	43597.7	44322.2	45034.3	45702.3	46392.4
Wind	3831.0	3891.1	3931.7	3982.0	4032.4	4093.0	4133.0	4183.3	4233.7	4294.9	4334.3	4384.6
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	350.0	351.8	351.9	352.8	353.8	355.6	355.7	356.6	357.6	359.4	359.5	360.4
Biomass	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1
Load Control	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
Market Purchases	2245.5	2439.8	2815.1	2362.0	2200.4	2318.7	2350.2	2343.6	2434.9	2526.9	2687.8	2815.5
Dump Energy & Emmergency Purchases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summary Sheet - High Load Model Run

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
System Costs ($000)														
Capital Revenue Requirements	129,065	134,822	137,782	154,219	173,150	174,153	174,787	175,792	175,529	177,381	165,577	164,147	156,937	150,445
Fixed O&M	239,965	252,691	260,203	269,635	224,437	233,031	263,163	263,658	285,004	305,035	346,577	368,971	409,781	433,429
Variable O&M	633,234	687,634	775,433	876,857	925,626	1,003,197	1,068,367	1,113,371	1,195,080	1,261,765	1,321,099	1,399,390	1,484,166	1,601,863
Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	-47	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	1,002,264	1,075,100	1,173,419	1,300,711	1,323,213	1,410,380	1,506,317	1,552,821	1,655,614	1,744,182	1,833,253	1,932,507	2,050,884	2,185,736
Fuel Burn (1000 MMBTu)														
Coal	127,816	134,963	134,557	134,708	137,300	137,218	136,019	140,313	136,703	136,444	142,675	140,165	138,213	143,370
Natural Gas	58,230	54,950	61,103	69,594	70,927	78,176	78,299	76,895	82,402	89,999	93,781	100,891	105,043	104,908
Emission Tons														
CO2	19,728,510	19,975,158	21,040,950	22,275,304	22,411,432	22,012,662	22,485,346	22,813,228	23,072,392	23,172,140	23,931,942	23,765,228	23,601,440	24,340,484
SOX	37,314	38,466	39,845	41,275	41,625	40,064	41,254	42,286	42,013	41,434	42,749	41,502	40,644	42,381
NOX	14,003	14,080	14,927	16,097	16,666	15,225	15,189	15,459	15,638	14,898	14,865	14,143	13,790	14,307
Energy Mix (GWh)														
Coal	12572.5	13281.9	13243.8	13257.0	13528.8	13510.9	13392.9	13824.7	13460.9	13438.3	14061.7	13803.9	13612.4	14131.4
Natural Gas	7251.7	6898.6	7661.6	8559.2	8315.2	9816.3	10230.9	10038.8	10714.6	12126.0	12925.4	14219.3	14864.0	14831.6
Wind	5615.6	6887.1	6625.5	6625.5	6621.1	6638.6	6621.1	6621.1	6621.1	6634.6	6320.7	6265.2	6957.1	7668.0
Oil	0.2	0.2	0.3	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.2	0.5	0.4
Solar	111.9	120.9	138.0	163.0	175.6	252.4	270.1	288.4	303.9	323.0	337.6	353.1	368.5	387.8
Biomass	0.0	0.0	35.0	42.0	42.0	56.2	56.1	63.1	63.1	70.3	70.1	70.1	70.1	77.3
Load Control	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4
Market Purchases	2521.9	2158.0	3035.3	3795.3	3612.6	2754.3	3568.4	3551.0	3963.4	3621.1	3463.6	3147.7	2889.7	3144.5
Dump Energy & Emmergency Purchases	0.1	-1.9	0.5	0.9	0.9	0.1	0.2	0.2	1.1	0.4	1.0	0.0	0.3	0.6

Summary Sheet - High Load Model Run

	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
System Costs ($000)														
Capital Revenue Requirements	150,131	144,604	140,817	144,305	147,792	142,370	146,408	134,336	138,164	123,994	127,061	101,178	103,485	58,532
Fixed O&M	470,147	524,476	561,411	620,691	629,705	694,560	786,329	834,967	907,450	959,300	1,039,743	1,110,930	1,207,286	1,309,290
Variable O&M	1,698,653	1,817,506	1,913,696	2,056,136	2,204,748	2,327,525	2,526,377	2,752,899	2,884,731	3,096,822	3,267,534	3,481,954	3,651,652	3,908,495
Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	2,318,931	2,486,585	2,615,924	2,821,132	2,982,245	3,164,455	3,459,115	3,722,202	3,930,345	4,180,116	4,434,338	4,694,062	4,962,423	5,276,318
Fuel Burn (1000 MMBTu)														
Coal	140,276	138,926	144,001	141,244	139,186	144,283	140,927	116,651	124,051	97,481	96,686	78,646	74,606	39,081
Natural Gas	116,423	133,050	137,728	151,572	162,361	169,806	202,223	234,446	241,693	270,901	283,995	307,216	322,229	356,981
Emission Tons														
CO2	24,478,626	24,553,686	25,479,340	26,017,454	26,608,254	27,385,326	28,282,506	27,889,408	28,905,840	27,975,386	28,600,036	27,867,862	28,172,218	26,880,300
SOX	41,140	39,235	40,752	40,074	40,056	41,092	38,908	33,542	34,936	28,723	28,427	23,685	22,157	14,088
NOX	13,814	13,020	13,419	13,256	13,416	13,361	12,356	11,097	11,436	9,729	9,676	8,331	7,861	5,889
Energy Mix (GWh)														
Coal	13815.0	13682.9	14194.2	13909.8	13707.9	14221.0	13878.2	11557.2	12289.0	9717.0	9644.1	7878.8	7471.1	3946.4
Natural Gas	16617.7	18988.1	19818.3	21814.6	23218.6	24472.9	29191.2	33841.8	34934.3	39138.9	41015.7	44394.3	46806.6	51869.7
Wind	7708.2	7763.8	7738.8	7590.4	7447.8	7354.1	5338.4	4371.9	4294.0	3871.6	3883.1	3873.6	3730.4	3780.7
Oil	0.3	0.5	0.5	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	402.3	417.7	419.9	340.4	340.5	341.5	342.4	344.2	344.3	345.3	346.2	348.0	348.1	349.0
Biomass	77.1	84.1	91.1	91.4	98.1	98.1	98.1	98.4	105.1	105.1	112.1	112.4	119.1	119.1
Load Control	1.4	1.3	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
Market Purchases	2920.8	1963.7	2101.3	2156.2	2398.1	2279.7	1570.8	1944.9	1673.7	2117.9	1994.5	2143.1	1876.6	2063.0
Dump Energy & Emmergency Purchases	0.0	0.5	0.1	0.6	0.4	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0

Summary Sheet - High Load Model Run

	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
System Costs ($000)												
Capital Revenue Requirements	59,215	59,577	15,474	15,599	15,980	16,430	16,968	17,624	18,444	19,507	20,693	22,136
Fixed O&M	1,407,892	1,486,786	1,603,056	1,717,056	1,810,660	1,936,797	2,001,024	2,089,014	2,204,604	2,356,046	2,457,956	2,590,255
Variable O&M	4,109,976	4,325,023	4,610,192	4,834,209	5,060,352	5,312,726	5,473,833	5,675,726	5,929,925	6,201,848	6,502,347	6,784,057
Emissions	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	5,577,082	5,871,386	6,228,723	6,566,865	6,886,993	7,265,952	7,491,824	7,782,364	8,152,973	8,577,401	8,980,996	9,396,448
Fuel Burn (1000 MMBTu)												
Coal	39,081	39,190	0	0	0	0	0	0	0	0	0	0
Natural Gas	369,135	381,829	420,365	432,826	444,677	458,624	462,981	469,846	482,630	495,544	508,594	521,873
Emission Tons												
CO2	27,606,352	28,434,688	26,527,570	27,276,218	28,024,350	28,801,700	29,109,820	29,568,312	30,295,746	31,071,648	31,962,028	32,703,716
SOX	14,093	14,222	3,939	3,960	4,009	4,004	4,203	4,368	4,273	4,291	4,682	4,564
NOX	5,937	6,030	3,261	3,316	3,376	3,435	3,541	3,646	3,641	3,698	3,928	3,913
Energy Mix (GWh)												
Coal	3946.4	3957.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Natural Gas	53645.6	55577.5	61136.5	62952.3	64768.5	66626.7	67150.9	68059.4	70001.6	71883.1	73590.1	75597.4
Wind	3831.0	3891.1	3931.7	3982.0	4032.4	4093.0	4133.0	4183.3	4233.7	4294.9	4334.3	4384.6
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	350.0	351.8	351.9	352.8	353.8	355.6	355.7	356.6	357.6	359.4	359.5	360.4
Biomass	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1
Load Control	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
Market Purchases	2063.7	2119.4	2201.9	2211.2	2237.4	2232.1	2346.7	2440.8	2383.3	2391.5	2615.6	2545.0
Dump Energy & Emmergency Purchases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summary Sheet - Low Load Model Run

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
System Costs ($000)														
Capital Revenue Requirements	129,065	134,822	137,782	140,953	143,475	140,320	141,953	143,877	144,460	147,101	136,058	135,387	128,942	123,221
Fixed O&M	239,965	252,691	253,240	260,390	216,177	213,209	220,602	211,174	222,256	229,965	239,724	262,885	277,765	288,718
Variable O&M	633,234	687,634	746,003	803,254	816,686	875,475	913,247	914,133	947,954	990,522	982,794	1,007,634	1,048,012	1,105,089
Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	-47	0	0	0	0	0	0	0	-1	0	0	-21	-72
Total System Costs	1,002,264	1,075,100	1,137,025	1,204,597	1,176,339	1,229,004	1,275,802	1,269,184	1,314,670	1,367,588	1,358,576	1,405,906	1,454,698	1,516,956
Fuel Burn (1000 MMBTu)														
Coal	127,816	134,963	134,183	133,810	136,198	135,008	132,407	135,499	131,130	129,608	135,722	134,036	130,793	133,771
Natural Gas	58,230	54,950	57,397	59,521	56,975	56,050	52,428	47,320	47,068	44,785	46,044	47,915	44,844	41,274
Emission Tons														
CO2	19,728,510	19,975,158	20,320,472	20,635,420	20,154,962	19,875,400	20,103,862	19,707,690	19,404,646	19,509,774	19,529,890	19,060,000	18,507,776	18,447,232
SOX	37,314	38,466	38,814	39,165	38,692	38,167	39,129	39,092	38,366	38,903	39,064	37,863	37,049	37,452
NOX	14,003	14,080	14,271	14,614	14,556	14,305	14,619	14,226	14,011	14,205	13,275	12,599	12,283	12,239
Energy Mix (GWh)														
Coal	12572.5	13281.9	13207.1	13168.2	13419.4	13293.3	13037.2	13347.2	12906.2	12758.5	13368.7	13192.4	12867.6	13158.0
Natural Gas	7251.7	6898.6	7249.0	7464.3	6878.8	6772.3	6379.7	5805.9	5800.5	5527.5	6156.2	6590.3	6200.1	5728.0
Wind	5615.6	6887.1	6625.5	6625.5	6621.1	6638.6	6621.1	6621.1	6621.1	6634.6	6320.7	6265.2	6957.1	7668.0
Oil	0.2	0.2	0.2	0.3	0.3	0.5	0.5	0.4	0.4	0.6	0.5	0.4	0.5	0.6
Solar	111.9	120.9	138.0	163.0	175.6	252.4	270.1	288.4	303.9	323.0	337.6	353.1	368.5	387.8
Biomass	0.0	0.0	35.0	42.0	42.0	56.2	56.1	63.1	63.1	70.3	70.1	70.1	70.1	77.3
Load Control	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4
Market Purchases	2521.9	2158.0	2494.8	2709.7	2080.7	1985.6	2877.4	2421.4	2686.8	3184.4	2375.8	1963.6	1938.6	1761.2
Dump Energy & Emmergency Purchases	0.1	-1.9	0.2	0.4	0.5	1.0	1.1	0.5	1.3	2.9	0.7	0.1	-0.1	-1.1

Summary Sheet - Low Load Model Run

	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
System Costs ($000)														
Capital Revenue Requirements	123,689	151,450	163,503	166,408	169,360	163,216	166,343	153,338	156,241	141,131	143,240	116,377	117,676	71,679
Fixed O&M	297,899	295,490	319,171	351,369	342,838	374,543	411,291	430,714	476,046	487,862	511,842	542,072	594,447	619,143
Variable O&M	1,154,016	1,207,848	1,227,807	1,266,755	1,327,899	1,372,174	1,470,846	1,584,540	1,623,785	1,740,946	1,804,174	1,895,542	1,963,918	2,092,844
Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	1,575,605	1,654,787	1,710,481	1,784,531	1,840,097	1,909,933	2,048,480	2,168,592	2,256,072	2,369,938	2,459,256	2,553,991	2,676,041	2,783,666
Fuel Burn (1000 MMBTu)														
Coal	131,144	131,822	136,394	134,643	133,834	139,289	139,688	116,313	123,574	97,472	96,680	78,646	74,606	39,081
Natural Gas	43,125	49,727	51,029	55,348	57,432	54,485	70,701	92,183	91,696	112,674	114,916	129,651	136,291	159,429
Emission Tons														
CO2	18,497,064	18,445,028	18,564,408	18,687,790	18,929,394	19,420,994	20,356,938	19,470,874	19,942,116	18,506,638	18,668,582	17,223,968	17,055,906	15,259,262
SOX	37,218	36,352	36,616	36,291	36,603	38,366	38,431	33,355	34,551	28,295	28,392	23,140	21,772	14,088
NOX	12,280	11,849	11,589	11,489	11,697	11,932	11,744	10,535	10,753	8,997	9,085	7,466	7,045	5,204
Energy Mix (GWh)														
Coal	12892.5	12968.5	13428.8	13248.4	13176.1	13726.7	13759.2	11524.7	12243.0	9716.1	9643.5	7878.8	7471.1	3946.4
Natural Gas	5970.4	6804.9	7215.4	7874.3	8129.4	7766.2	10070.6	13224.7	13243.0	16173.4	16457.4	18720.8	19739.2	23133.2
Wind	7708.2	7763.8	7738.8	7590.4	7447.8	7354.1	5338.4	4371.9	4294.0	3871.6	3883.1	3873.6	3730.4	3780.7
Oil	0.6	0.7	0.5	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	402.3	417.7	419.9	340.4	340.5	341.5	342.4	344.2	344.3	345.3	346.2	348.0	348.1	349.0
Biomass	77.1	84.1	91.1	91.4	98.1	98.1	98.1	98.4	105.1	105.1	112.1	112.4	119.1	119.1
Load Control	1.4	1.3	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
Market Purchases	2044.8	1382.3	871.3	975.6	1218.8	1465.7	1497.8	1912.1	1548.0	1900.6	2007.0	1860.2	1688.2	2100.2
Dump Energy & Emmergency Purchases	1.8	1.4	0.1	0.2	0.4	0.8	0.6	0.0	0.1	0.1	0.2	0.0	0.0	0.0

Summary Sheet - Low Load Model Run

	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
System Costs ($000)												
Capital Revenue Requirements	71,264	70,432	25,357	25,038	25,206	25,422	25,700	26,060	26,534	27,181	27,844	28,598
Fixed O&M	675,823	700,383	718,215	765,701	792,736	815,824	821,858	850,609	880,189	910,718	942,249	974,830
Variable O&M	2,158,644	2,230,097	2,392,823	2,467,306	2,544,799	2,630,233	2,611,451	2,623,295	2,702,313	2,786,132	2,872,000	2,957,244
Emissions	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	2,905,731	3,000,911	3,136,395	3,258,045	3,362,740	3,471,478	3,459,009	3,499,964	3,609,037	3,724,031	3,842,094	3,960,672
Fuel Burn (1000 MMBTu)												
Coal	39,081	39,190	0	0	0	0	0	0	0	0	0	0
Natural Gas	162,790	163,860	189,896	190,890	192,367	194,644	188,342	184,842	185,937	187,399	188,386	189,427
Emission Tons												
CO_2	15,260,328	15,458,576	13,245,413	13,402,006	13,547,061	13,691,651	13,242,477	12,917,892	13,048,688	13,158,349	13,303,561	13,438,906
SOX	13,625	13,930	4,675	4,881	5,019	5,081	4,884	4,598	4,747	4,812	5,008	5,176
NOX	5,002	5,141	2,812	2,908	2,978	3,026	2,910	2,765	2,837	2,874	2,967	3,049
Energy Mix (GWh)												
Coal	3946.4	3957.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Natural Gas	23680.1	23821.8	27359.7	27515.4	27706.9	27934.2	27075.1	26613.2	26763.8	26949.7	27081.3	27215.4
Wind	3831.0	3891.1	3931.7	3982.0	4032.4	4093.0	4133.0	4183.3	4233.7	4294.9	4334.3	4384.6
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	350.0	351.8	351.9	352.8	353.8	355.6	355.7	356.6	357.6	359.4	359.5	360.4
Biomass	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1
Load Control	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
Market Purchases	1831.6	1991.1	2671.1	2789.8	2869.9	2905.2	2792.3	2627.0	2713.6	2750.5	2863.9	2961.1
Dump Energy & Emmergency Purchases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summary Sheet - High Gas Model Run

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
System Costs ($000)														
Capital Revenue Requirements	129,065	134,822	137,782	140,953	143,475	154,344	173,324	179,644	179,171	180,841	168,904	167,399	160,148	153,625
Fixed O&M	239,965	252,691	256,722	269,037	228,491	220,839	223,383	218,173	233,480	244,761	281,419	287,449	308,717	346,823
Variable O&M	633,234	687,634	774,692	865,443	911,129	1,026,194	1,111,252	1,137,673	1,212,890	1,261,163	1,298,625	1,402,224	1,446,750	1,528,768
Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	-65	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	1,002,264	1,075,082	1,169,196	1,275,433	1,283,096	1,401,377	1,507,959	1,535,491	1,625,541	1,686,765	1,748,948	1,857,071	1,915,615	2,029,216
Fuel Burn (1000 MMBTu)														
Coal	127,816	134,963	135,061	135,017	137,678	136,728	134,835	138,741	134,690	134,326	140,773	138,499	136,306	141,180
Natural Gas	58,230	54,950	59,690	64,600	63,387	66,104	66,390	61,902	64,699	67,666	66,231	67,549	69,446	69,964
Emission Tons														
CO2	19,728,510	19,975,158	20,684,280	21,457,628	21,278,120	21,310,986	21,818,078	21,766,684	21,734,814	21,452,504	21,943,866	21,983,644	21,217,716	21,288,560
SOX	37,314	38,466	39,286	40,227	40,243	39,871	40,881	41,532	40,985	40,291	41,800	41,632	39,895	40,154
NOX	14,003	14,080	14,551	15,315	15,569	15,590	16,100	16,014	16,039	14,863	14,596	14,640	13,507	13,254
Energy Mix (GWh)														
Coal	12572.5	13281.9	13297.9	13291.9	13570.3	13466.1	13281.4	13675.0	13264.9	13231.5	13875.1	13641.5	13426.4	13914.8
Natural Gas	7251.7	6898.6	7517.0	8033.9	7563.7	7830.8	7852.5	7353.2	7669.0	8605.2	8835.9	9024.8	9637.2	9815.4
Wind	5615.6	6887.1	6625.5	6625.5	6621.1	6638.6	6621.1	6621.1	6621.1	6634.6	6320.7	6265.2	6957.1	7668.0
Oil	0.2	0.2	0.2	0.3	0.5	0.7	0.6	0.4	0.6	0.7	0.4	0.4	0.4	0.6
Solar	111.9	120.9	138.0	163.0	175.6	252.4	270.1	288.4	303.9	323.0	337.6	353.1	368.5	387.8
Biomass	0.0	0.0	35.0	42.0	42.0	56.2	56.1	63.1	63.1	70.3	70.1	70.1	70.1	77.3
Load Control	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4
Market Purchases	2521.9	2158.0	2630.9	3137.8	2752.2	2711.1	3521.6	3340.2	3662.8	3272.9	3198.0	3470.6	2740.2	2186.5
Dump Energy & Emmergency Purchases	0.1	-1.9	0.3	1.0	1.7	1.8	1.1	0.7	2.4	1.3	1.0	1.0	0.1	0.4

Summary Sheet - High Gas Model Run

	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
System Costs ($000)														
Capital Revenue Requirements	153,285	147,737	143,943	147,452	150,868	145,034	148,448	135,976	139,696	125,501	128,543	102,633	104,912	59,930
Fixed O&M	362,960	391,455	440,989	459,521	466,701	506,651	585,673	611,819	669,924	687,985	738,175	783,890	848,264	896,592
Variable O&M	1,641,220	1,735,261	1,816,525	1,976,144	2,137,392	2,230,090	2,468,209	2,778,137	2,887,886	3,210,394	3,393,058	3,662,677	3,871,839	4,283,299
Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	2,157,465	2,274,453	2,401,458	2,583,118	2,754,960	2,881,775	3,202,331	3,525,931	3,697,505	4,023,880	4,259,776	4,549,200	4,825,015	5,239,821
Fuel Burn (1000 MMBTu)														
Coal	137,931	137,323	142,444	139,918	138,057	143,349	140,775	116,651	124,051	97,481	96,686	78,646	74,606	39,081
Natural Gas	74,500	84,314	85,591	93,748	97,139	100,517	124,586	151,424	153,263	178,007	183,759	200,918	210,810	238,670
Emission Tons														
CO2	21,524,606	21,377,422	22,020,232	22,394,170	22,878,114	23,300,036	24,043,406	23,271,486	24,010,824	22,789,322	23,176,024	22,045,302	22,098,264	20,507,622
SOX	39,955	38,515	39,870	39,553	40,216	41,019	39,569	34,030	35,515	29,270	29,404	24,534	23,232	15,441
NOX	13,360	12,584	12,911	12,908	13,330	13,125	12,389	11,023	11,381	9,665	9,784	8,351	7,975	6,105
Energy Mix (GWh)														
Coal	13583.7	13526.2	14042.1	13781.4	13599.4	14131.2	13863.8	11557.2	12289.0	9717.0	9644.1	7878.8	7471.1	3946.4
Natural Gas	10424.8	11963.4	12234.2	13337.7	13751.6	14428.6	17980.8	21912.8	22235.0	25652.4	26442.9	29025.2	30500.1	34501.3
Wind	7708.2	7763.8	7738.8	7590.4	7447.8	7354.1	5338.4	4371.9	4294.0	3871.6	3883.1	3873.6	3730.4	3780.7
Oil	0.6	0.6	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	402.3	417.7	419.9	340.4	340.5	341.5	342.4	344.2	344.3	345.3	346.2	348.0	348.1	349.0
Biomass	77.1	84.1	91.1	91.4	98.1	98.1	98.1	98.4	105.1	105.1	112.1	112.4	119.1	119.1
Load Control	1.4	1.3	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
Market Purchases	2588.4	1790.6	1828.3	2057.1	2666.1	2385.4	1989.8	2242.6	2025.5	2451.6	2578.8	2654.1	2519.6	2868.6
Dump Energy & Emmergency Purchases	0.7	0.1	0.7	0.7	1.7	0.2	0.4	0.1	0.2	0.1	0.1	0.1	0.0	0.0

Summary Sheet - High Gas Model Run

	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
System Costs ($000)												
Capital Revenue Requirements	60,582	60,909	16,768	16,851	17,184	17,576	18,046	18,619	19,333	20,254	21,244	22,396
Fixed O&M	966,946	1,013,314	1,068,252	1,167,806	1,239,000	1,290,059	1,313,774	1,369,144	1,426,505	1,480,693	1,545,768	1,613,389
Variable O&M	4,488,925	4,731,424	5,221,963	5,433,223	5,686,055	5,979,542	6,097,979	6,282,437	6,581,917	6,897,784	7,232,904	7,575,112
Emissions	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	5,516,453	5,805,647	6,306,983	6,617,880	6,942,239	7,287,178	7,429,800	7,670,200	8,027,755	8,398,731	8,799,916	9,210,898
Fuel Burn (1000 MMBTu)												
Coal	39,081	39,190	0	0	0	0	0	0	0	0	0	0
Natural Gas	245,854	251,740	282,238	289,461	296,341	302,284	299,341	299,529	304,793	310,068	315,275	320,083
Emission Tons												
CO2	20,731,338	21,183,240	19,046,516	19,126,952	19,395,706	19,807,354	19,647,600	19,618,632	19,999,980	20,368,478	20,775,352	21,199,082
SOX	14,962	15,230	5,534	4,571	4,250	4,469	4,495	4,425	4,614	4,760	5,022	5,365
NOX	5,910	6,052	3,521	3,092	2,972	3,103	3,102	3,074	3,182	3,271	3,413	3,593
Energy Mix (GWh)												
Coal	3946.4	3957.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Natural Gas	35618.5	36407.7	40724.8	42124.2	43151.0	43859.4	43445.5	43435.6	44142.8	44863.5	45541.6	46161.7
Wind	3831.0	3891.1	3931.7	3982.0	4032.4	4093.0	4133.0	4183.3	4233.7	4294.9	4334.3	4384.6
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	350.0	351.8	351.9	352.8	353.8	355.6	355.7	356.6	357.6	359.4	359.5	360.4
Biomass	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1
Load Control	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
Market Purchases	2589.9	2727.3	3151.1	2591.8	2405.0	2530.4	2546.4	2505.7	2614.2	2697.7	2848.6	3046.2
Dump Energy & Emmergency Purchases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summary Sheet - Low Gas Model Run

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
System Costs ($000)														
Capital Revenue Requirements	129,065	134,822	137,782	140,953	143,475	154,344	173,324	179,644	179,171	180,841	168,904	167,399	160,148	153,625
Fixed O&M	239,965	252,691	256,722	269,037	228,491	220,839	223,383	218,173	233,480	244,761	281,419	287,449	308,717	346,823
Variable O&M	633,234	687,634	746,498	815,516	835,180	888,631	924,196	940,781	984,577	1,007,601	1,028,561	1,068,313	1,102,503	1,171,887
Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	-34	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	1,002,264	1,075,113	1,141,003	1,225,506	1,207,146	1,263,815	1,320,903	1,338,598	1,397,228	1,433,203	1,478,884	1,523,161	1,571,368	1,672,335
Fuel Burn (1000 MMBTu)														
Coal	127,816	134,963	133,519	133,196	135,569	134,469	132,410	135,429	132,088	131,868	138,356	136,369	133,107	137,007
Natural Gas	58,230	54,950	58,674	63,134	61,539	63,599	64,342	59,453	62,572	65,779	64,455	66,118	67,685	66,917
Emission Tons														
CO2	19,728,510	19,975,158	20,679,788	21,452,402	21,255,394	21,288,300	21,777,354	21,713,104	21,698,186	21,489,206	21,990,762	22,034,454	21,313,134	21,403,652
SOX	37,314	38,466	39,396	40,398	40,427	40,160	41,072	41,724	41,175	40,522	42,035	41,817	40,141	40,624
NOX	14,003	14,080	14,670	15,448	15,666	15,696	16,202	16,130	16,138	15,056	14,758	14,779	13,741	13,624
Energy Mix (GWh)														
Coal	12572.5	13281.9	13135.5	13100.0	13349.2	13231.3	13027.7	13327.5	12993.9	12979.4	13632.4	13427.6	13101.5	13483.4
Natural Gas	7251.7	6898.6	7371.4	7838.7	7347.6	7546.2	7614.4	7068.6	7423.4	8345.7	8579.9	8813.0	9333.8	9329.2
Wind	5615.6	6887.1	6625.5	6625.5	6621.1	6638.6	6621.1	6621.1	6621.1	6634.6	6320.7	6265.2	6957.1	7668.0
Oil	0.2	0.2	0.2	0.3	0.4	0.6	0.5	0.4	0.6	0.6	0.3	0.3	0.3	0.4
Solar	111.9	120.9	138.0	163.0	175.6	252.4	270.1	288.4	303.9	323.0	337.6	353.1	368.5	387.8
Biomass	0.0	0.0	35.0	42.0	42.0	56.2	56.1	63.1	63.1	70.3	70.1	70.1	70.1	77.3
Load Control	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4
Market Purchases	2521.9	2158.0	2938.9	3525.0	3189.6	3230.6	4013.5	3972.3	4179.5	3784.7	3696.8	3896.5	3368.6	3104.3
Dump Energy & Emmergency Purchases	0.1	-1.9	0.3	1.0	1.7	1.8	1.1	0.7	2.4	1.3	1.0	1.0	0.1	0.4

Summary Sheet - Low Gas Model Run

	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
System Costs ($000)														
Capital Revenue Requirements	153,285	147,737	143,943	147,452	150,868	145,034	148,448	135,976	139,696	125,501	128,543	102,633	104,912	59,930
Fixed O&M	362,960	391,455	440,989	459,521	466,701	506,651	585,673	611,819	669,924	687,985	738,175	783,890	848,264	896,592
Variable O&M	1,227,442	1,281,685	1,334,127	1,374,184	1,435,373	1,483,299	1,577,046	1,648,286	1,706,160	1,765,983	1,831,813	1,889,733	1,948,061	2,005,090
Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	1,743,686	1,820,877	1,919,060	1,981,157	2,052,942	2,134,984	2,311,167	2,396,080	2,515,780	2,579,469	2,698,532	2,776,256	2,901,237	2,961,612
Fuel Burn (1000 MMBTu)														
Coal	134,597	136,006	140,953	138,586	136,757	142,007	139,266	114,245	119,455	94,468	92,740	72,407	67,353	35,374
Natural Gas	71,883	87,200	88,525	95,730	100,006	102,459	136,399	164,939	167,754	192,283	198,048	216,291	227,190	253,334
Emission Tons														
CO2	21,649,720	21,310,352	21,962,040	22,337,336	22,753,746	23,135,718	23,301,118	22,420,604	23,030,218	21,933,080	22,305,022	21,050,428	21,028,596	19,623,286
SOX	40,396	37,871	39,182	39,095	39,529	40,410	36,428	30,426	31,426	25,573	25,677	20,303	18,691	11,632
NOX	13,676	12,374	12,676	12,771	13,098	12,904	11,050	9,517	9,747	8,166	8,311	6,760	6,294	4,597
Energy Mix (GWh)														
Coal	13241.5	13396.0	13896.6	13649.0	13471.3	14005.0	13729.5	11338.1	11860.4	9418.6	9251.1	7251.9	6739.4	3563.7
Natural Gas	9999.8	12273.3	12561.0	13538.1	14085.4	14714.1	19723.4	23880.7	24386.7	27670.6	28428.6	31199.9	32812.4	36507.0
Wind	7708.2	7763.8	7738.8	7590.4	7447.8	7354.1	5338.4	4371.9	4294.0	3871.6	3883.1	3873.6	3730.4	3780.7
Oil	0.4	0.5	0.6	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	402.3	417.7	419.9	340.4	340.5	341.5	342.4	344.2	344.3	345.3	346.2	348.0	348.1	349.0
Biomass	77.1	84.1	91.1	91.4	98.1	98.1	98.1	98.4	105.1	105.1	112.1	112.4	119.1	119.1
Load Control	1.4	1.3	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
Market Purchases	3355.8	1611.0	1647.3	1989.3	2460.7	2226.0	381.6	493.9	302.5	731.8	986.0	1106.4	939.0	1245.6
Dump Energy & Emmergency Purchases	0.7	0.1	0.7	0.7	1.7	0.2	0.4	0.1	0.2	0.1	0.1	0.1	0.0	0.0

Summary Sheet - Low Gas Model Run

	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
System Costs ($000)												
Capital Revenue Requirements	60,582	60,909	16,768	16,851	17,184	17,576	18,046	18,619	19,333	20,254	21,244	22,396
Fixed O&M	966,946	1,013,314	1,068,252	1,167,806	1,239,000	1,290,059	1,313,774	1,369,144	1,426,505	1,480,693	1,545,768	1,613,389
Variable O&M	2,071,989	2,147,196	2,194,727	2,256,071	2,322,983	2,403,250	2,420,333	2,460,299	2,533,834	2,614,333	2,697,780	2,782,384
Emissions	0	0	0	0	0	0	0	0	0	0	0	0
Dump	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	3,099,516	3,221,419	3,279,747	3,440,729	3,579,166	3,710,886	3,752,153	3,848,062	3,979,672	4,115,280	4,264,792	4,418,170
Fuel Burn (1000 MMBTu)												
Coal	34,458	34,453	0	0	0	0	0	0	0	0	0	0
Natural Gas	260,081	265,723	292,255	300,145	305,084	310,576	307,796	306,709	310,976	315,374	320,649	326,006
Emission Tons												
CO2	19,828,704	20,304,900	18,551,502	18,561,784	18,917,062	19,369,308	19,198,582	19,237,034	19,676,936	20,085,036	20,505,212	20,899,316
SOX	11,117	11,490	3,328	2,057	2,132	2,533	2,513	2,746	3,197	3,530	3,846	4,068
NOX	4,425	4,620	2,553	1,988	2,040	2,251	2,229	2,334	2,557	2,727	2,893	3,018
Energy Mix (GWh)												
Coal	3467.4	3464.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Natural Gas	37594.2	38315.9	42003.3	43581.2	44378.7	44981.4	44594.7	44408.8	44964.2	45576.7	46223.4	46913.7
Wind	3831.0	3891.1	3931.7	3982.0	4032.4	4093.0	4133.0	4183.3	4233.7	4294.9	4334.3	4384.6
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	350.0	351.8	351.9	352.8	353.8	355.6	355.7	356.6	357.6	359.4	359.5	360.4
Biomass	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1
Load Control	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
Market Purchases	1093.3	1311.7	1872.7	1134.8	1177.3	1408.3	1397.2	1532.5	1792.8	1984.5	2166.7	2294.3
Dump Energy & Emmergency Purchases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summary Sheet - High CO2 Model Run

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
System Costs ($000)														
Capital Revenue Requirements	129,065	134,822	137,782	140,953	143,475	154,344	173,324	179,644	179,171	180,841	168,904	167,399	160,148	153,625
Fixed O&M	239,965	252,691	256,722	269,037	228,491	220,839	223,383	218,173	233,480	244,761	281,419	287,449	308,717	346,823
Variable O&M	753,200	799,826	891,112	996,892	1,020,404	1,092,503	1,170,563	1,194,457	1,268,391	1,285,278	1,313,279	1,398,829	1,414,014	1,479,850
Emissions	687,632	736,871	779,223	818,412	854,242	898,878	931,698	949,972	961,560	969,364	1,004,996	1,024,705	1,001,687	1,027,197
Dump	0	-189	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	1,809,862	1,924,021	2,064,839	2,225,294	2,246,613	2,366,564	2,498,968	2,542,246	2,642,602	2,680,244	2,768,597	2,878,381	2,884,567	3,007,496
Fuel Burn (1000 MMBTu)														
Coal	78,510	91,489	97,381	99,955	110,923	119,020	121,429	123,196	120,052	112,594	112,255	111,572	97,852	95,629
Natural Gas	113,767	102,727	99,900	101,058	89,228	81,680	79,377	75,937	77,818	89,122	95,144	94,794	109,177	115,365
Emission Tons														
CO2	16,771,769	17,316,116	18,356,172	19,343,440	19,720,080	20,224,840	20,905,912	20,752,816	20,771,742	19,801,668	19,688,942	19,863,858	18,052,242	17,562,980
SOX	21,692	24,767	27,583	29,673	32,807	35,103	36,936	37,175	36,876	33,425	32,499	32,904	27,006	25,148
NOX	11,852	12,078	12,808	13,823	14,695	14,865	15,305	15,131	15,196	13,039	11,874	12,101	9,612	8,727
Energy Mix (GWh)														
Coal	7269.2	8632.8	9300.4	9599.1	10778.1	11621.6	11876.5	12045.9	11737.0	10945.2	10861.3	10801.8	9330.5	9037.6
Natural Gas	13569.5	12403.6	12181.8	12179.4	10345.3	9578.2	9367.3	8983.0	9208.4	11366.3	12644.9	12595.6	14983.2	16016.6
Wind	5615.6	6887.1	6625.5	6625.5	6621.1	6638.6	6621.1	6621.1	6621.1	6634.6	6320.7	6265.2	6957.1	7668.0
Oil	0.3	0.4	0.4	0.5	0.8	1.1	0.9	0.8	0.9	0.8	0.6	0.5	0.4	0.4
Solar	111.9	120.9	138.0	163.0	175.6	252.4	270.1	288.4	303.9	323.0	337.6	353.1	368.5	387.8
Biomass	0.0	0.0	35.0	42.0	42.0	56.2	56.1	63.1	63.1	70.3	70.1	70.1	70.1	77.3
Load Control	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4
Market Purchases	1507.4	1303.9	1963.4	2684.9	2762.7	2807.7	3411.4	3339.1	3651.0	2798.0	2402.6	2739.5	1490.1	862.7
Dump Energy & Emmergency Purchases	0.1	-3.9	0.3	1.0	1.7	1.8	1.1	0.7	2.4	1.3	1.0	1.0	0.1	0.4

Summary Sheet - High CO2 Model Run

	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
System Costs ($000)														
Capital Revenue Requirements	153,285	147,737	143,943	147,452	150,868	145,034	148,448	135,976	139,696	125,501	128,543	102,633	104,912	59,930
Fixed O&M	362,960	391,455	440,989	459,521	466,701	506,651	585,673	611,819	669,924	687,985	738,175	783,890	848,264	896,592
Variable O&M	1,572,797	1,613,364	1,688,369	1,784,309	1,895,784	1,975,138	2,118,872	2,273,816	2,357,773	2,503,605	2,621,134	2,747,837	2,853,098	2,996,034
Emissions	1,062,741	1,096,736	1,135,063	1,207,918	1,276,511	1,287,839	1,373,268	1,384,068	1,446,980	1,465,318	1,531,062	1,508,564	1,558,627	1,544,365
Dump	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	3,151,782	3,249,292	3,408,365	3,599,200	3,789,864	3,914,662	4,226,261	4,405,679	4,614,373	4,782,409	5,018,915	5,142,925	5,364,901	5,496,922
Fuel Burn (1000 MMBTu)														
Coal	95,117	88,484	86,856	89,655	93,915	87,815	82,238	65,793	66,794	55,440	55,260	41,646	38,025	19,921
Natural Gas	118,547	134,218	140,943	146,497	148,563	159,941	184,723	208,448	212,819	231,796	239,092	252,841	261,018	277,639
Emission Tons														
CO2	17,971,882	17,319,910	17,422,910	18,127,272	18,887,250	18,367,666	19,002,646	18,697,996	19,043,732	18,828,722	19,187,152	18,463,136	18,581,014	17,983,516
SOX	25,607	22,165	21,431	22,360	24,094	21,719	19,938	16,004	16,027	13,301	13,297	9,675	8,685	4,829
NOX	8,970	7,658	7,344	7,644	8,270	7,151	6,398	5,392	5,405	4,623	4,658	3,604	3,340	2,389
Energy Mix (GWh)														
Coal	9010.1	8299.1	8076.5	8414.8	8906.1	8201.5	7608.5	6083.0	6107.5	5119.8	5104.0	3779.5	3417.5	1776.1
Natural Gas	16405.5	18767.1	19897.0	20576.6	20670.9	22591.1	26198.6	29585.9	30433.1	32674.8	33542.5	35735.2	37068.4	39507.7
Wind	7708.2	7763.8	7738.8	7590.4	7447.8	7354.1	5338.4	4371.9	4294.0	3871.6	3883.1	3873.6	3730.4	3780.7
Oil	0.4	0.5	0.6	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	402.3	417.7	419.9	340.4	340.5	341.5	342.4	344.2	344.3	345.3	346.2	348.0	348.1	349.0
Biomass	77.1	84.1	91.1	91.4	98.1	98.1	98.1	98.4	105.1	105.1	112.1	112.4	119.1	119.1
Load Control	1.4	1.3	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
Market Purchases	1181.4	214.1	131.3	185.1	440.1	152.6	27.4	43.7	8.9	26.3	19.3	43.5	4.8	32.5
Dump Energy & Emmergency Purchases	0.7	0.1	0.7	0.7	1.7	0.2	0.4	0.1	0.2	0.1	0.1	0.1	0.0	0.0

Summary Sheet - High CO2 Model Run

	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
System Costs ($000)												
Capital Revenue Requirements	60,582	60,909	16,768	16,851	17,184	17,576	18,046	18,619	19,333	20,254	21,244	22,396
Fixed O&M	966,946	1,013,314	1,068,252	1,167,806	1,239,000	1,290,059	1,313,774	1,369,144	1,426,505	1,480,693	1,545,768	1,613,389
Variable O&M	3,103,332	3,243,865	3,393,689	3,480,974	3,608,442	3,762,770	3,811,935	3,896,767	4,049,661	4,208,193	4,379,057	4,550,555
Emissions	1,607,133	1,685,301	1,651,843	1,720,396	1,796,163	1,877,146	1,907,237	1,953,420	2,038,938	2,127,469	2,218,916	2,314,239
Dump	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	5,737,992	6,003,389	6,130,553	6,386,027	6,660,788	6,947,551	7,050,993	7,237,950	7,534,436	7,836,609	8,164,985	8,500,579
Fuel Burn (1000 MMBTu)												
Coal	19,208	19,555	0	0	0	0	0	0	0	0	0	0
Natural Gas	282,459	289,789	307,188	308,464	313,447	320,556	317,800	317,598	323,941	330,035	336,557	343,136
Emission Tons												
CO2	18,232,110	18,653,338	17,858,530	18,122,770	18,460,038	18,822,932	18,656,338	18,643,122	18,985,722	19,327,586	19,684,692	20,039,952
SOX	4,556	4,660	146	99	101	105	102	102	107	112	152	177
NOX	2,310	2,371	1,168	1,129	1,148	1,184	1,170	1,174	1,202	1,232	1,277	1,319
Energy Mix (GWh)												
Coal	1692.9	1731.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Natural Gas	40461.5	41360.2	43848.2	44716.0	45556.0	46388.9	45991.8	45941.2	46755.5	47557.7	48364.4	49168.9
Wind	3831.0	3891.1	3931.7	3982.0	4032.4	4093.0	4133.0	4183.3	4233.7	4294.9	4334.3	4384.6
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	350.0	351.8	351.9	352.8	353.8	355.6	355.7	356.6	357.6	359.4	359.5	360.4
Biomass	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1
Load Control	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
Market Purchases	0.4	0.4	27.7	0.0	0.0	0.9	0.0	0.1	1.5	3.5	25.7	39.0
Dump Energy & Emmergency Purchases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summary Sheet - Med CO2 Model Run

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
System Costs ($000)														
Capital Revenue Requirements	129,065	134,822	137,782	140,953	143,475	154,344	173,324	179,644	179,171	180,841	168,904	167,399	160,148	153,625
Fixed O&M	239,965	252,691	256,722	269,037	228,491	220,839	223,383	218,173	233,480	244,761	281,419	287,449	308,717	346,823
Variable O&M	683,048	729,907	814,677	902,795	930,623	1,011,474	1,091,046	1,110,810	1,176,714	1,202,048	1,233,143	1,302,530	1,331,752	1,403,882
Emissions	371,783	397,465	414,561	437,593	451,021	468,569	472,255	484,773	489,928	501,415	522,290	538,233	535,140	552,211
Dump	0	-156	-1	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	1,423,862	1,514,728	1,623,741	1,750,378	1,753,610	1,855,226	1,960,008	1,993,399	2,079,293	2,129,065	2,205,755	2,295,611	2,335,758	2,456,541
Fuel Burn (1000 MMBTu)														
Coal	109,379	119,956	120,967	122,820	127,641	129,615	127,328	129,949	126,613	122,040	123,537	125,479	117,344	118,318
Natural Gas	76,760	70,815	73,755	77,896	73,195	73,652	71,995	68,715	70,441	79,888	83,254	81,425	88,642	90,354
Emission Tons														
CO2	18,371,088	18,863,806	19,690,806	20,574,530	20,568,778	20,758,848	21,283,772	21,165,624	21,176,212	20,477,744	20,576,948	20,885,360	19,608,628	19,430,852
SOX	31,204	33,362	34,752	36,135	37,170	37,553	38,883	39,173	38,867	36,252	36,136	37,115	33,456	32,935
NOX	12,392	12,745	13,449	14,330	14,836	14,997	15,537	15,378	15,413	13,712	12,929	13,278	11,534	11,060
Energy Mix (GWh)														
Coal	10660.1	11703.4	11815.4	12018.4	12516.1	12726.2	12508.2	12764.9	12431.7	11965.6	12104.9	12320.4	11491.5	11568.5
Natural Gas	9755.0	8999.9	9345.6	9718.4	8773.9	8761.6	8575.1	8214.2	8432.9	10259.1	11165.1	10911.9	12316.9	12731.3
Wind	5615.6	6887.1	6625.5	6625.5	6621.1	6638.6	6621.1	6621.1	6621.1	6634.6	6320.7	6265.2	6957.1	7668.0
Oil	0.4	0.3	0.3	0.3	0.4	0.7	0.6	0.5	0.6	0.6	0.4	0.4	0.3	0.4
Solar	111.9	120.9	138.0	163.0	175.6	252.4	270.1	288.4	303.9	323.0	337.6	353.1	368.5	387.8
Biomass	0.0	0.0	35.0	42.0	42.0	56.2	56.1	63.1	63.1	70.3	70.1	70.1	70.1	77.3
Load Control	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4
Market Purchases	1930.9	1637.5	2284.8	2726.8	2596.4	2520.2	3572.2	3389.2	3732.1	2885.1	2639.0	2904.8	1995.4	1617.0
Dump Energy & Emmergency Purchases	0.1	-4.3	0.3	1.0	1.7	1.8	1.1	0.7	2.4	1.3	1.0	1.0	0.1	0.4

Summary Sheet - Med CO2 Model Run

	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
System Costs ($000)														
Capital Revenue Requirements	153,285	147,737	143,943	147,452	150,868	145,034	148,448	135,976	139,696	125,501	128,543	102,633	104,912	59,930
Fixed O&M	362,960	391,455	440,989	459,521	466,701	506,651	585,673	611,819	669,924	687,985	738,175	783,890	848,264	896,592
Variable O&M	1,490,621	1,533,705	1,605,521	1,684,049	1,792,076	1,866,080	2,008,706	2,164,790	2,249,678	2,397,109	2,507,703	2,642,925	2,753,364	2,941,817
Emissions	567,113	605,886	629,559	676,946	706,055	723,414	766,923	769,781	803,746	802,910	839,740	821,647	846,334	803,408
Dump	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	2,573,978	2,678,783	2,820,013	2,967,968	3,115,699	3,241,179	3,509,750	3,682,366	3,863,044	4,013,505	4,214,161	4,351,095	4,552,873	4,701,748
Fuel Burn (1000 MMBTu)														
Coal	116,392	113,857	113,779	120,913	122,323	119,432	112,822	94,778	95,672	81,520	81,976	66,085	61,102	31,454
Natural Gas	94,295	112,067	117,427	119,838	123,096	131,790	157,098	181,487	186,487	205,474	211,473	227,283	237,747	262,851
Emission Tons														
CO2	19,758,144	19,102,148	19,306,690	20,309,142	20,950,572	20,698,374	21,229,246	20,834,280	21,153,066	20,768,052	21,200,698	20,292,130	20,269,468	19,006,150
SOX	33,052	29,398	29,138	31,217	32,343	30,865	28,648	24,395	24,349	21,030	21,302	17,081	15,498	8,988
NOX	11,247	9,598	9,417	10,042	10,545	9,659	8,763	7,698	7,663	6,754	6,879	5,651	5,193	3,637
Energy Mix (GWh)														
Coal	11377.9	11131.1	11101.7	11863.4	12018.7	11704.4	11015.3	9321.8	9375.3	8043.7	8100.7	6558.8	6047.0	3110.2
Natural Gas	13234.7	15959.7	16883.2	17116.5	17439.8	18989.8	22786.5	26297.2	27164.9	29576.4	30350.4	32725.2	34324.5	37800.3
Wind	7708.2	7763.8	7738.8	7590.4	7447.8	7354.1	5338.4	4371.9	4294.0	3871.6	3883.1	3873.6	3730.4	3780.7
Oil	0.4	0.5	0.6	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	402.3	417.7	419.9	340.4	340.5	341.5	342.4	344.2	344.3	345.3	346.2	348.0	348.1	349.0
Biomass	77.1	84.1	91.1	91.4	98.1	98.1	98.1	98.4	105.1	105.1	112.1	112.4	119.1	119.1
Load Control	1.4	1.3	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
Market Purchases	1984.4	189.5	119.9	196.4	558.7	251.0	32.7	93.6	9.3	200.9	214.6	274.2	119.2	405.9
Dump Energy & Emmergency Purchases	0.7	0.1	0.7	0.7	1.7	0.2	0.4	0.1	0.2	0.1	0.1	0.1	0.0	0.0

Summary Sheet - Med CO2 Model Run

	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
System Costs ($000)												
Capital Revenue Requirements	60,582	60,909	16,768	16,851	17,184	17,576	18,046	18,619	19,333	20,254	21,244	22,396
Fixed O&M	966,946	1,013,314	1,068,252	1,167,806	1,239,000	1,290,059	1,313,774	1,369,144	1,426,505	1,480,692	1,545,768	1,613,389
Variable O&M	3,051,535	3,189,977	3,394,256	3,482,110	3,609,004	3,763,537	3,812,882	3,897,602	4,050,885	4,210,069	4,380,025	4,551,606
Emissions	838,160	876,800	814,592	856,654	896,558	936,763	951,069	974,764	1,016,581	1,059,577	1,104,730	1,150,107
Dump	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	4,917,223	5,141,000	5,293,869	5,523,422	5,761,746	6,007,936	6,095,772	6,260,128	6,513,304	6,770,593	7,051,766	7,337,498
Fuel Burn (1000 MMBTu)												
Coal	30,290	30,800	0	0	0	0	0	0	0	0	0	0
Natural Gas	269,896	276,206	302,071	306,990	312,816	319,783	316,821	316,837	322,838	328,556	334,857	340,657
Emission Tons												
CO2	19,155,250	19,616,190	18,073,110	18,189,152	18,489,070	18,858,128	18,700,592	18,676,980	19,034,524	19,389,844	19,759,656	20,148,158
SOX	8,262	8,545	1,148	402	232	264	303	257	329	407	497	676
NOX	3,381	3,515	1,602	1,261	1,205	1,254	1,258	1,241	1,299	1,360	1,427	1,535
Energy Mix (GWh)												
Coal	2983.6	3033.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Natural Gas	38993.9	39795.3	43267.4	44540.7	45480.0	46296.5	45875.6	45851.8	46626.3	47386.3	48164.4	48879.9
Wind	3831.0	3891.1	3931.7	3982.0	4032.4	4093.0	4133.0	4183.3	4233.7	4294.9	4334.3	4384.6
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	350.0	351.8	351.9	352.8	353.8	355.6	355.7	356.6	357.6	359.4	359.5	360.4
Biomass	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1
Load Control	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
Market Purchases	177.3	263.7	608.5	175.2	76.0	93.3	116.3	89.5	130.7	174.8	225.7	328.0
Dump Energy & Emmergency Purchases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summary Sheet - Low CO2 Model Run

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
System Costs ($000)														
Capital Revenue Requirements	129,065	134,822	137,782	140,953	143,475	154,344	173,324	179,644	179,171	180,841	168,904	167,399	160,148	153,625
Fixed O&M	239,965	252,691	256,722	269,037	228,491	220,839	223,383	218,173	233,480	244,761	281,419	287,449	308,717	346,823
Variable O&M	650,978	702,330	780,808	863,978	894,346	975,949	1,041,219	1,061,626	1,121,549	1,149,747	1,175,875	1,244,395	1,275,628	1,345,559
Emissions	154,472	164,228	170,529	179,455	184,740	190,166	192,036	196,860	199,645	206,621	218,720	222,411	225,606	236,116
Dump	-3	-76	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	1,174,477	1,253,995	1,345,841	1,453,423	1,451,052	1,541,299	1,629,961	1,656,303	1,733,845	1,781,970	1,844,918	1,921,653	1,970,100	2,082,124
Fuel Burn (1000 MMBTu)														
Coal	122,121	131,590	131,202	132,326	135,215	135,220	132,900	136,031	132,709	132,702	139,370	137,555	135,066	139,624
Natural Gas	64,662	59,201	63,497	68,045	65,976	67,482	66,391	61,726	64,531	68,918	68,170	68,849	71,061	70,503
Emission Tons														
CO2	19,241,958	19,686,796	20,416,386	21,258,124	21,119,654	21,205,264	21,722,356	21,651,924	21,650,528	21,348,748	21,822,418	21,900,556	21,125,686	21,223,142
SOX	35,217	37,144	38,090	39,278	39,553	39,496	40,722	41,332	40,849	39,886	41,263	41,277	39,469	39,916
NOX	13,358	13,706	14,312	15,139	15,497	15,557	16,104	16,004	16,038	14,788	14,462	14,558	13,417	13,225
Energy Mix (GWh)														
Coal	11990.1	12934.5	12894.6	13019.5	13323.6	13314.0	13082.3	13395.6	13062.2	13066.9	13734.5	13547.8	13301.7	13758.0
Natural Gas	8154.6	7465.0	7981.4	8436.6	7827.3	7961.6	7834.1	7316.1	7635.0	8748.0	9067.8	9175.2	9812.8	9864.5
Wind	5615.6	6887.1	6625.5	6625.5	6621.1	6638.6	6621.1	6621.1	6621.1	6634.6	6320.7	6265.2	6957.1	7668.0
Oil	0.2	0.2	0.2	0.3	0.4	0.6	0.5	0.4	0.6	0.6	0.4	0.4	0.4	0.5
Solar	111.9	120.9	138.0	163.0	175.6	252.4	270.1	288.4	303.9	323.0	337.6	353.1	368.5	387.8
Biomass	0.0	0.0	35.0	42.0	42.0	56.2	56.1	63.1	63.1	70.3	70.1	70.1	70.1	77.3
Load Control	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4
Market Purchases	2201.5	1939.6	2569.8	3007.6	2735.5	2732.5	3739.1	3656.7	3899.5	3294.8	3106.6	3414.0	2689.3	2294.3
Dump Energy & Emmergency Purchases	0.0	-2.6	0.3	1.0	1.7	1.8	1.1	0.7	2.4	1.3	1.0	1.0	0.1	0.4

Summary Sheet - Low CO2 Model Run

	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
System Costs ($000)														
Capital Revenue Requirements	153,285	147,737	143,943	147,452	150,868	145,034	148,448	135,976	139,696	125,501	128,543	102,633	104,912	59,930
Fixed O&M	362,960	391,455	440,989	459,521	466,701	506,651	585,673	611,819	669,924	687,985	738,175	783,890	848,264	896,592
Variable O&M	1,427,366	1,486,646	1,550,547	1,640,201	1,745,658	1,808,159	1,951,540	2,118,110	2,191,848	2,357,055	2,467,801	2,606,674	2,717,533	2,910,265
Emissions	241,853	260,177	275,739	283,981	290,704	306,746	335,025	329,734	351,654	336,124	348,496	337,850	348,947	326,359
Dump	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	2,185,464	2,286,016	2,411,218	2,531,155	2,653,931	2,766,589	3,020,686	3,195,639	3,353,121	3,506,665	3,683,015	3,831,047	4,019,656	4,193,145
Fuel Burn (1000 MMBTu)														
Coal	136,615	137,645	142,899	140,151	138,159	143,449	140,888	116,651	124,051	97,481	96,686	78,646	74,606	39,081
Natural Gas	75,621	90,317	92,609	99,612	103,059	106,060	136,198	164,243	165,636	191,032	196,413	213,517	223,393	252,353
Emission Tons														
CO2	21,439,778	21,069,352	21,641,618	22,082,130	22,583,372	22,988,436	23,375,222	22,545,724	23,293,010	22,079,694	22,504,264	21,370,156	21,423,118	19,800,820
SOX	39,603	37,083	38,148	38,127	38,836	39,672	36,647	30,837	32,364	26,139	26,438	21,545	20,249	12,288
NOX	13,278	11,949	12,132	12,270	12,729	12,525	11,093	9,616	9,991	8,286	8,478	7,037	6,662	4,722
Energy Mix (GWh)														
Coal	13450.4	13559.6	14087.9	13804.7	13609.4	14140.9	13874.6	11557.2	12289.0	9717.0	9644.1	7878.8	7471.1	3946.4
Natural Gas	10551.4	12805.0	13250.0	14171.9	14554.0	15212.1	19680.2	23763.2	24061.6	27467.2	28162.2	30757.6	32229.1	36328.9
Wind	7708.2	7763.8	7738.8	7590.4	7447.8	7354.1	5338.4	4371.9	4294.0	3871.6	3883.1	3873.6	3730.4	3780.7
Oil	0.5	0.5	0.6	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	402.3	417.7	419.9	340.4	340.5	341.5	342.4	344.2	344.3	345.3	346.2	348.0	348.1	349.0
Biomass	77.1	84.1	91.1	91.4	98.1	98.1	98.1	98.4	105.1	105.1	112.1	112.4	119.1	119.1
Load Control	1.4	1.3	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
Market Purchases	2595.1	915.7	766.9	1199.7	1853.9	1592.2	279.7	392.3	198.9	636.8	859.4	921.7	790.6	1040.9
Dump Energy & Emmergency Purchases	0.7	0.1	0.7	0.7	1.7	0.2	0.4	0.1	0.2	0.1	0.1	0.1	0.0	0.0

Summary Sheet - Low CO2 Model Run

	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
System Costs ($000)												
Capital Revenue Requirements	60,582	60,909	16,768	16,851	17,184	17,576	18,046	18,619	19,333	20,254	21,244	22,396
Fixed O&M	966,946	1,013,314	1,068,252	1,167,806	1,239,000	1,290,059	1,313,774	1,369,144	1,426,505	1,480,693	1,545,768	1,613,389
Variable O&M	3,022,167	3,158,716	3,373,304	3,472,634	3,602,764	3,755,545	3,803,788	3,888,960	4,040,208	4,197,747	4,364,883	4,533,170
Emissions	342,067	356,631	318,644	337,713	353,679	368,203	372,892	381,887	396,538	413,167	428,915	446,431
Dump	0	0	0	0	0	0	0	0	0	0	0	0
Total System Costs	4,391,761	4,589,570	4,776,969	4,995,004	5,212,626	5,431,384	5,508,501	5,658,610	5,882,583	6,111,861	6,360,811	6,615,387
Fuel Burn (1000 MMBTu)												
Coal	39,081	39,190	0	0	0	0	0	0	0	0	0	0
Natural Gas	259,037	265,009	294,826	302,295	308,363	314,105	310,320	310,171	314,595	319,937	324,563	330,087
Emission Tons												
CO2	20,030,616	20,495,598	18,423,100	18,443,792	18,732,636	19,173,284	19,058,886	19,046,884	19,481,226	19,849,362	20,304,232	20,700,750
SOX	11,858	12,175	2,744	1,533	1,313	1,661	1,894	1,899	2,321	2,466	2,933	3,151
NOX	4,545	4,710	2,298	1,758	1,680	1,868	1,957	1,963	2,173	2,262	2,495	2,620
Energy Mix (GWh)												
Coal	3946.4	3957.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Natural Gas	37417.4	38178.4	42342.3	43884.6	44853.3	45486.7	44953.3	44899.6	45471.8	46193.3	46752.2	47445.0
Wind	3831.0	3891.1	3931.7	3982.0	4032.4	4093.0	4133.0	4183.3	4233.7	4294.9	4334.3	4384.6
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	350.0	351.8	351.9	352.8	353.8	355.6	355.7	356.6	357.6	359.4	359.5	360.4
Biomass	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1	126.1	126.5	126.1	126.1
Load Control	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
Market Purchases	791.0	956.6	1533.6	831.3	702.8	903.1	1038.5	1041.7	1285.2	1367.9	1637.9	1763.0
Dump Energy & Emmergency Purchases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SPS Optimized Model-Run Detail

Base-Capacity Factor

THERMAL UNIT	Unit	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
HARRING 1	COAL	70.7%	61.8%	69.2%	71.1%	59.6%	71.7%	71.0%	64.0%	70.8%	71.1%	65.0%	72.4%	72.1%	63.4%
HARRING 2	COAL	68.0%	67.1%	62.3%	68.8%	70.0%	62.9%	68.8%	68.4%	61.3%	69.4%	70.1%	64.1%	70.7%	70.4%
HARRING 3	COAL	58.9%	72.7%	72.0%	66.7%	74.2%	74.2%	67.0%	73.5%	73.6%	61.2%	74.1%	74.9%	64.7%	74.6%
TOLK 1	COAL	65.8%	78.1%	80.2%	72.9%	80.6%	81.0%	71.0%	79.8%	80.4%	72.0%	81.8%	83.0%	72.6%	82.2%
TOLK 2	COAL	80.4%	80.4%	76.6%	81.5%	81.8%	75.1%	82.4%	81.8%	73.0%	82.7%	83.2%	76.1%	83.8%	83.5%
CUNNING 1	G_ST	2.1%	1.7%	2.1%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CUNNING 2	G_ST	30.2%	42.3%	44.2%	41.5%	55.7%	57.1%	48.4%	52.9%	55.1%	30.0%	0.0%	0.0%	0.0%	0.0%
JONES 1	G_ST	3.3%	2.5%	2.9%	4.0%	5.5%	6.3%	7.1%	6.9%	8.6%	8.5%	5.5%	4.8%	4.0%	4.0%
JONES 2	G_ST	5.9%	4.1%	4.4%	6.2%	8.0%	9.8%	9.3%	10.8%	12.9%	11.8%	8.2%	7.6%	5.7%	6.0%
MADDOX 1	G_ST	9.2%	6.6%	10.5%	13.0%	18.5%	19.9%	20.3%	18.0%	22.1%	19.2%	13.7%	13.7%	12.4%	0.0%
NICHOLS 1	G_ST	20.3%	14.4%	13.0%	22.4%	30.8%	33.1%	34.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NICHOLS 2	G_ST	4.7%	4.6%	6.8%	9.8%	12.8%	14.0%	17.1%	15.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NICHOLS 3	G_ST	10.0%	10.3%	11.2%	16.8%	23.4%	22.5%	26.2%	25.4%	25.6%	17.5%	16.2%	15.9%	12.8%	9.1%
PLANT X 1	G_ST	1.0%	0.9%	1.0%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PLANT X 2	G_ST	1.5%	1.4%	1.6%	2.1%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PLANT X 3	G_ST	29.3%	20.8%	19.3%	14.9%	32.0%	29.2%	25.7%	33.0%	34.9%	0.0%	0.0%	0.0%	0.0%	0.0%
PLANT X 4	G_ST	44.1%	27.3%	25.1%	32.1%	35.8%	43.1%	45.6%	36.0%	40.7%	30.0%	25.0%	27.9%	0.0%	0.0%
COOKSTM 1	G_ST	1.1%	1.0%	1.1%	1.5%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
COOKSTM 2	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
HOBBS 1	G_CC	50.2%	45.3%	49.8%	49.6%	52.1%	52.3%	52.7%	48.9%	52.4%	41.5%	34.1%	34.4%	24.5%	18.7%
BLKHAWK 1	G_CC	89.7%	81.9%	89.3%	88.3%	89.7%	83.7%	90.5%	88.5%	90.5%	83.4%	89.6%	88.0%	89.1%	82.0%
BLKHAWK 2	G_CC	84.5%	85.0%	78.5%	86.4%	84.8%	87.2%	79.7%	86.2%	84.8%	86.0%	78.1%	85.0%	81.7%	82.4%
CALP 200	G_CC	15.0%	21.3%	32.2%	41.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CALP 400	G_CC	33.0%	39.3%	44.5%	37.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CUNNING 3	G_CT	0.2%	0.2%	0.2%	0.3%	0.4%	0.5%	0.4%	0.4%	0.5%	0.3%	0.3%	0.2%	0.3%	0.3%
CUNNING 4	G_CT	0.2%	0.2%	0.3%	0.4%	0.5%	0.7%	0.6%	0.5%	0.6%	0.6%	0.4%	0.3%	0.3%	0.4%
JONES 3	G_CT	0.4%	0.4%	0.4%	0.6%	1.0%	1.1%	0.8%	0.7%	0.9%	0.9%	0.5%	0.5%	0.5%	0.5%
JONES 4	G_CT	0.7%	0.7%	0.7%	1.0%	1.7%	1.9%	1.4%	1.2%	1.6%	1.5%	0.9%	0.8%	0.7%	0.8%
CRLSBD 1	G_CT	0.1%	0.1%	0.1%	0.2%	0.2%	0.3%	0.3%	0.2%	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%
MADDOX 2	G_CT	0.2%	0.2%	0.3%	0.4%	0.5%	0.4%	0.2%	0.2%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
MADDOX 3	G_CT	0.1%	0.1%	0.2%	0.2%	0.3%	0.4%	0.3%	0.3%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%

Base-Capacity Factor

THERMAL UNIT	Unit	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
HARRING 1	COAL	72.0%	73.0%	64.4%	73.1%	73.1%	64.5%	73.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
HARRING 2	COAL	63.7%	72.0%	72.0%	65.1%	72.4%	72.6%	66.2%	73.6%	73.6%	0.0%	0.0%	0.0%	0.0%	0.0%
HARRING 3	COAL	74.5%	64.9%	75.2%	75.3%	65.0%	75.3%	75.4%	65.1%	75.4%	75.4%	75.4%	0.0%	0.0%	0.0%
TOLK 1	COAL	82.5%	74.1%	84.2%	84.5%	74.8%	85.0%	85.6%	75.7%	85.7%	85.7%	75.6%	85.7%	85.7%	0.0%
TOLK 2	COAL	75.6%	85.0%	85.1%	77.0%	85.4%	85.6%	77.5%	86.0%	86.0%	77.6%	86.0%	86.0%	77.6%	86.0%
CUNNING 1	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CUNNING 2	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
JONES 1	G_ST	4.2%	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
JONES 2	G_ST	6.3%	7.4%	5.7%	7.3%	9.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MADDOX 1	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NICHOLS 1	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NICHOLS 2	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NICHOLS 3	G_ST	11.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PLANT X 1	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PLANT X 2	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PLANT X 3	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PLANT X 4	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
COOKSTM 1	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
COOKSTM 2	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
HOBBS 1	G_CC	21.7%	18.6%	14.7%	17.7%	15.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
BLKHAWK 1	G_CC	89.1%	87.3%	88.7%	81.9%	89.1%	42.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
BLKHAWK 2	G_CC	76.6%	83.0%	80.7%	82.0%	76.6%	40.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CALP 200	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CALP 400	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CUNNING 3	G_CT	0.3%	0.3%	0.5%	0.5%	0.5%	0.3%	0.3%	0.2%	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%
CUNNING 4	G_CT	0.4%	0.4%	0.6%	0.6%	0.5%	0.4%	0.4%	0.2%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%
JONES 3	G_CT	0.5%	0.6%	0.9%	0.9%	0.8%	0.6%	0.5%	0.3%	0.3%	0.2%	0.3%	0.1%	0.1%	0.1%
JONES 4	G_CT	0.9%	1.0%	1.3%	1.3%	1.3%	1.0%	0.9%	0.6%	0.5%	0.4%	0.4%	0.2%	0.2%	0.1%
CRLSBD 1	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MADDOX 2	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MADDOX 3	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Base-Capacity Factor

THERMAL UNIT	Unit	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
HARRING 1	COAL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
HARRING 2	COAL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
HARRING 3	COAL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TOLK 1	COAL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TOLK 2	COAL	86.0%	86.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CUNNING 1	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CUNNING 2	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
JONES 1	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
JONES 2	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MADDOX 1	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NICHOLS 1	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NICHOLS 2	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NICHOLS 3	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PLANT X 1	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PLANT X 2	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PLANT X 3	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PLANT X 4	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
COOKSTM 1	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
COOKSTM 2	G_ST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
HOBBS 1	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
BLKHAWK 1	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
BLKHAWK 2	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CALP 200	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CALP 400	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CUNNING 3	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CUNNING 4	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
JONES 3	G_CT	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%
JONES 4	G_CT	0.1%	0.1%	0.1%	0.0%	0.0%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%
CRLSBD 1	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MADDOX 2	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MADDOX 3	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Base-Capacity Factor

		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
COOK_GT 2	G_CT	0.0%	0.3%	0.2%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
COOK_GT 3	G_CT	0.2%	0.1%	0.2%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SD_RCH 1	G_CT	26.5%	26.5%	26.5%	26.5%	26.5%	26.5%	15.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ORION 1	G_CT	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%
QUAYCTY 1	OIL_	0.1%	0.1%	0.1%	0.2%	0.2%	0.3%	0.3%	0.2%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%
BIOMASS 1	BIO_	0.0%	0.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
PPA_CT 579	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CT 580	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CT 581	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CC 582	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CC 583	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CT 584	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CT 585	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CC 586	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CT 587	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CC 588	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CT 589	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CT 590	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CT 591	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CC 592	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CC 593	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CC 594	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CT 595	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CC 596	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CC 597	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	34.3%	48.5%
PPA_CC 598	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	34.9%	55.5%	57.5%	46.4%	40.8%
GAINCT 599	X__1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	3.2%	4.3%	4.7%	2.5%	2.4%	2.0%	2.0%
GAINCT 600	X__1	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Base-Capacity Factor

		2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
COOK_GT 2	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
COOK_GT 3	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SD_RCH 1	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ORION 1	G_CT	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%
QUAYCTY 1	OIL_	0.2%	0.2%	0.4%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
BIOMASS 1	BIO_	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
PPA_CT 579	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CT 580	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CT 581	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CC 582	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CC 583	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CT 584	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CT 585	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PPA_CC 586	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	45.0%
PPA_CT 587	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.3%	4.5%
PPA_CC 588	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	44.4%	70.3%	70.5%
PPA_CT 589	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.7%	6.7%	5.0%	3.4%	3.2%
PPA_CT 590	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.5%	4.9%	3.4%	2.2%	1.8%
PPA_CT 591	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	2.8%	1.8%	1.1%	1.0%
PPA_CC 592	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	40.3%	63.8%	68.8%	70.5%	69.2%	68.0%	68.9%
PPA_CC 593	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	61.1%	62.9%	59.8%	65.4%	67.2%	66.1%	65.2%	66.0%
PPA_CC 594	G_CC	0.0%	0.0%	0.0%	0.0%	0.0%	30.8%	55.6%	58.3%	54.5%	61.9%	64.2%	62.6%	61.8%	62.8%
PPA_CT 595	G_CT	0.0%	0.0%	0.0%	3.0%	5.2%	5.3%	4.4%	3.8%	2.7%	2.2%	1.7%	1.0%	0.7%	0.6%
PPA_CC 596	G_CC	0.0%	34.6%	51.6%	55.4%	57.2%	47.2%	50.3%	53.9%	49.2%	56.5%	59.7%	58.7%	57.4%	59.4%
PPA_CC 597	G_CC	52.2%	49.8%	44.5%	47.8%	50.5%	40.0%	43.8%	47.1%	44.2%	53.3%	54.7%	52.8%	52.6%	53.6%
PPA_CC 598	G_CC	42.9%	41.3%	36.2%	40.6%	43.2%	32.2%	37.4%	40.9%	38.1%	47.4%	48.2%	46.8%	46.5%	48.5%
GAINCT 599	X__1	2.2%	2.7%	2.9%	3.1%	3.4%	3.2%	2.6%	2.2%	1.6%	1.2%	0.9%	0.5%	0.4%	0.3%
GAINCT 600	X__1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Base-Capacity Factor

		2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
COOK_GT 2	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
COOK_GT 3	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SD_RCH 1	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ORION 1	G_CT	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%
QUAYCTY 1	OIL_	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
BIOMASS 1	BIO_	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
PPA_CT 579	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.1%
PPA_CT 580	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.6%	4.3%
PPA_CT 581	G_CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.4%	3.6%	3.2%
PPA_CC 582	G_CC	0.0%	0.0%	0.0%	44.4%	70.1%	70.4%	70.3%	70.1%	70.7%	71.3%	72.0%	72.7%
PPA_CC 583	G_CC	0.0%	0.0%	46.5%	69.5%	68.6%	69.2%	68.9%	68.9%	69.5%	70.0%	70.5%	70.9%
PPA_CT 584	G_CT	0.0%	3.5%	5.1%	1.7%	1.6%	2.9%	2.6%	2.9%	3.4%	3.2%	2.7%	2.3%
PPA_CT 585	G_CT	2.9%	3.2%	3.6%	1.2%	1.1%	2.3%	2.0%	2.3%	2.7%	2.3%	2.0%	1.6%
PPA_CC 586	G_CC	71.0%	71.7%	73.0%	68.2%	67.2%	67.8%	67.2%	67.2%	67.9%	68.5%	69.3%	69.8%
PPA_CT 587	G_CT	2.7%	2.4%	2.1%	0.7%	0.7%	1.5%	1.3%	1.6%	1.8%	1.7%	1.3%	1.2%
PPA_CC 588	G_CC	69.5%	70.2%	71.1%	66.4%	65.4%	65.7%	65.0%	65.1%	65.9%	66.8%	67.5%	68.1%
PPA_CT 589	G_CT	1.9%	1.4%	1.2%	0.4%	0.4%	1.0%	0.9%	1.1%	1.2%	1.1%	1.0%	0.9%
PPA_CT 590	G_CT	1.0%	0.9%	0.8%	0.2%	0.3%	0.8%	0.7%	0.8%	0.9%	0.9%	0.8%	0.7%
PPA_CT 591	G_CT	0.7%	0.6%	0.5%	0.1%	0.2%	0.6%	0.5%	0.6%	0.7%	0.6%	0.6%	0.6%
PPA_CC 592	G_CC	67.2%	68.0%	68.8%	63.9%	63.1%	63.5%	62.7%	62.7%	63.6%	64.5%	65.1%	65.9%
PPA_CC 593	G_CC	64.4%	65.2%	66.9%	61.3%	60.3%	60.6%	60.0%	60.0%	61.0%	61.7%	62.9%	63.7%
PPA_CC 594	G_CC	61.3%	61.9%	64.3%	58.1%	56.7%	56.9%	56.4%	56.6%	57.8%	58.3%	59.8%	60.9%
PPA_CT 595	G_CT	0.4%	0.4%	0.3%	0.1%	0.1%	0.4%	0.4%	0.4%	0.5%	0.5%	0.4%	0.4%
PPA_CC 596	G_CC	56.7%	58.3%	60.6%	53.5%	51.4%	53.1%	52.2%	52.6%	54.0%	54.0%	55.4%	56.6%
PPA_CC 597	G_CC	52.7%	53.9%	56.5%	49.3%	47.5%	48.0%	48.9%	47.7%	48.9%	50.8%	52.2%	53.4%
PPA_CC 598	G_CC	47.3%	48.7%	51.2%	44.7%	42.9%	44.6%	44.3%	43.9%	45.0%	46.0%	47.4%	48.6%
GAINCT 599	X__1	0.3%	0.2%	0.2%	0.0%	0.1%	0.3%	0.3%	0.3%	0.4%	0.3%	0.3%	0.3%
GAINCT 600	X__1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Base-Capacity Factor

TRANSACTION	Desc	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
CAPROCK	WPPA	41.9%	41.9%	41.9%	41.9%	41.9%	41.9%	41.9%	41.9%	41.9%	41.9%	0.0%	0.0%	0.0%	0.0%
MAMMOTH	WPPA	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%
PALODURO	WPPA	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%
ROOSEVEL	WPPA	0.0%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%
SPINSPUR	WPPA	49.3%	49.3%	49.3%	49.3%	49.3%	49.3%	49.3%	49.3%	49.3%	49.3%	49.3%	49.3%	49.3%	0.0%
SAN JUAN	WPPA	37.4%	37.4%	37.4%	37.4%	37.4%	37.4%	37.4%	37.4%	37.4%	37.4%	37.4%	0.0%	0.0%	0.0%
TEXICO	WPPA	25.7%	25.7%	25.7%	25.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WHT DEER	WPPA	34.7%	34.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WILDRADO	WPPA	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	14.2%	0.0%
AEOLUS	WPPA	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	10.7%	0.0%	0.0%	0.0%	0.0%
CIRRUS	WPPA	37.7%	37.7%	37.7%	37.7%	37.7%	37.7%	37.7%	37.7%	37.7%	37.7%	37.7%	37.7%	37.7%	37.7%
EXELON1	WPPA	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%
EXELON2	WPPA	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%
EXELON3	WPPA	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%
EXELON4	WPPA	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%
EXELON5	WPPA	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%
EXELON6	WPPA	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%
EXELON7	WPPA	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%
EXELON8	WPPA	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%
EXELON9	WPPA	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%
EXELON10	WPPA	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%
EXELON11	WPPA	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%
FIBERWIN	WPPA	2.5%	28.8%	28.8%	28.8%	28.8%	28.8%	28.8%	28.8%	28.8%	28.8%	28.8%	28.8%	28.8%	28.8%
FRISCO	WPPA	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%
HIPLAINS	WPPA	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%
MESALAND	WPPA	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%
NATIONAL	WPPA	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%

Base-Capacity Factor

TRANSACTION	Desc	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
CAPROCK	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MAMMOTH	WPPA	51.6%	51.6%	51.6%	51.6%	51.6%	51.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PALODURO	WPPA	51.6%	51.6%	51.6%	51.6%	51.6%	48.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ROOSEVEL	WPPA	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	45.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SPINSPUR	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SAN JUAN	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TEXICO	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WHT DEER	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WILDRADO	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AEOLUS	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CIRRUS	WPPA	37.7%	37.7%	37.7%	37.7%	37.7%	37.7%	37.7%	37.7%	37.7%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON1	WPPA	30.1%	30.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON2	WPPA	30.1%	30.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON3	WPPA	30.1%	30.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON4	WPPA	30.1%	30.1%	30.1%	3.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON5	WPPA	30.1%	30.1%	27.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON6	WPPA	30.1%	30.1%	27.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON7	WPPA	39.5%	39.5%	39.5%	39.5%	9.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON8	WPPA	39.5%	39.5%	39.5%	39.5%	6.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON9	WPPA	39.5%	39.5%	39.5%	39.5%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON10	WPPA	39.5%	39.5%	39.5%	39.5%	17.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON11	WPPA	39.5%	39.5%	39.5%	39.5%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FIBERWIN	WPPA	28.8%	28.8%	28.8%	28.8%	28.8%	28.8%	28.8%	28.8%	28.8%	28.8%	28.8%	26.4%	0.0%	0.0%
FRISCO	WPPA	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%
HIPLAINS	WPPA	30.1%	30.1%	30.1%	30.1%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MESALAND	WPPA	25.7%	25.7%	25.7%	25.7%	25.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NATIONAL	WPPA	25.7%	25.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Base-Capacity Factor

TRANSACTION	Desc	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
CAPROCK	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MAMMOTH	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PALODURO	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ROOSEVEL	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SPINSPUR	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SAN JUAN	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TEXICO	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WHT DEER	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WILDRADO	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AEOLUS	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CIRRUS	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON1	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON2	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON3	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON4	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON5	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON6	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON7	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON8	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON9	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON10	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EXELON11	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FIBERWIN	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FRISCO	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
HIPLAINS	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MESALAND	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NATIONAL	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Base-Capacity Factor

		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
NOVUS1	WPPA	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%
NOVUS2	WPPA	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%
PRINGLE1	WPPA	29.2%	29.2%	29.2%	29.2%	29.2%	29.2%	29.2%	29.2%	29.2%	29.2%	29.2%	29.2%	29.2%	29.2%
PRINGLE2	WPPA	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%
PANTEX	WPPA	37.3%	37.3%	37.3%	37.3%	37.3%	37.3%	37.3%	37.3%	37.3%	37.3%	37.3%	37.3%	37.3%	37.3%
PLSTHILL	WPPA	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%
RALLS	WPPA	30.4%	30.4%	30.4%	30.4%	30.4%	30.4%	30.4%	30.4%	30.4%	30.4%	30.4%	30.4%	30.4%	30.4%
SUNRAY	WPPA	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%	39.5%
SUZLON	WPPA	29.6%	29.6%	29.6%	29.6%	29.6%	29.6%	29.6%	29.6%	29.6%	29.6%	29.6%	29.6%	29.6%	29.6%
WTX AM	WPPA	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%
SUNEDSN1	SOLR	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%
SUNEDSN2	SOLR	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%	25.4%
SUNEDSN3	SOLR	25.5%	25.5%	25.5%	25.5%	25.5%	25.5%	25.5%	25.5%	25.5%	25.5%	25.5%	25.5%	25.5%	25.5%
SUNEDSN4	SOLR	26.4%	26.4%	26.4%	26.4%	26.4%	26.4%	26.4%	26.4%	26.4%	26.4%	26.4%	26.4%	26.4%	26.4%
SUNEDSN5	SOLR	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%	25.2%
NM SOLAR	SOLR	0.0%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%
DG	SOLR	0.0%	0.0%	0.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
NM WIND	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	48.8%	48.8%	48.8%
TX WIND	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	43.5%	43.5%

Base-Capacity Factor

		2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
NOVUS1	WPPA	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	24.3%	0.0%	0.0%	0.0%	0.0%	0.0%
NOVUS2	WPPA	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	27.5%	0.0%	0.0%	0.0%	0.0%	0.0%
PRINGLE1	WPPA	29.2%	29.2%	29.2%	29.2%	29.2%	29.2%	20.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PRINGLE2	WPPA	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	20.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PANTEX	WPPA	37.3%	37.3%	37.3%	37.3%	37.3%	37.3%	37.3%	37.3%	37.3%	37.3%	19.7%	0.0%	0.0%	0.0%
PLSTHILL	WPPA	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	18.8%	0.0%	0.0%	0.0%
RALLS	WPPA	30.4%	30.4%	30.4%	30.4%	30.4%	30.4%	30.4%	19.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SUNRAY	WPPA	39.5%	39.5%	39.5%	39.5%	39.5%	26.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SUZLON	WPPA	29.6%	29.6%	29.6%	29.6%	29.6%	29.6%	29.6%	28.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WTX AM	WPPA	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.2%	0.0%	0.0%	0.0%	0.0%
SUNEDSN1	SOLR	25.2%	25.2%	20.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SUNEDSN2	SOLR	25.4%	25.4%	18.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SUNEDSN3	SOLR	25.5%	25.5%	24.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SUNEDSN4	SOLR	26.4%	26.4%	25.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SUNEDSN5	SOLR	25.2%	25.2%	20.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NM SOLAR	SOLR	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%
DG	SOLR	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
NM WIND	WPPA	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%
TX WIND	WPPA	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%

Base-Capacity Factor

		2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
NOVUS1	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NOVUS2	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PRINGLE1	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PRINGLE2	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PANTEX	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PLSTHILL	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
RALLS	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SUNRAY	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SUZLON	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WTX AM	WPPA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SUNEDSN1	SOLR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SUNEDSN2	SOLR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SUNEDSN3	SOLR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SUNEDSN4	SOLR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SUNEDSN5	SOLR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NM SOLAR	SOLR	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%	33.1%
DG	SOLR	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
NM WIND	WPPA	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%	48.8%
TX WIND	WPPA	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%	43.5%

Base-Average Heat Rates

THERMAL UNIT	Unit	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
HARRING 1	COAL	10.48	10.48	10.48	10.48	10.48	10.47	10.47	10.48	10.47	10.47	10.47	10.47	10.47	10.47
HARRING 2	COAL	10.37	10.38	10.38	10.38	10.38	10.38	10.38	10.38	10.38	10.38	10.39	10.39	10.39	10.39
HARRING 3	COAL	10.20	10.20	10.20	10.19	10.19	10.19	10.19	10.19	10.19	10.19	10.19	10.19	10.19	10.19
TOLK 1	COAL	10.08	10.09	10.07	10.08	10.07	10.07	10.07	10.08	10.07	10.07	10.07	10.07	10.07	10.07
TOLK 2	COAL	9.93	9.93	9.92	9.92	9.92	9.91	9.91	9.92	9.92	9.91	9.91	9.91	9.91	9.91
CUNNING 1	G_ST	11.33	11.32	11.33	11.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUNNING 2	G_ST	10.25	10.36	10.38	10.36	10.28	10.28	10.27	10.29	10.29	10.30	0.00	0.00	0.00	0.00
JONES 1	G_ST	10.49	10.49	10.49	10.50	10.51	10.50	10.48	10.48	10.47	10.47	10.48	10.48	10.48	10.48
JONES 2	G_ST	10.34	10.35	10.35	10.35	10.35	10.35	10.33	10.33	10.33	10.32	10.33	10.34	10.35	10.34
MADDOX 1	G_ST	10.47	10.46	10.47	10.46	10.46	10.46	10.46	10.46	10.46	10.46	10.46	10.46	10.57	0.00
NICHOLS 1	G_ST	10.07	10.06	10.05	10.05	10.05	10.05	10.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NICHOLS 2	G_ST	10.09	10.08	10.08	10.08	10.08	10.07	10.07	10.08	0.00	0.00	0.00	0.00	0.00	0.00
NICHOLS 3	G_ST	10.24	10.24	10.23	10.23	10.22	10.22	10.22	10.23	10.23	10.22	10.23	10.23	10.29	10.27
PLANT X 1	G_ST	13.74	13.74	13.75	13.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PLANT X 2	G_ST	11.75	11.75	11.75	11.75	11.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PLANT X 3	G_ST	10.44	10.47	10.45	10.44	10.44	10.43	10.42	10.44	10.44	0.00	0.00	0.00	0.00	0.00
PLANT X 4	G_ST	10.12	10.07	10.08	10.08	10.06	10.06	10.08	10.06	10.06	10.06	10.10	10.11	0.00	0.00
COOKSTM 1	G_ST	11.43	11.43	11.43	11.43	11.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COOKSTM 2	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HOBBS 1	G_CC	7.20	7.21	7.20	7.19	7.20	7.20	7.19	7.20	7.20	7.20	7.21	7.21	7.22	7.23
BLKHAWK 1	G_CC	7.05	7.04	7.05	7.05	7.05	7.06	7.06	7.06	7.06	7.05	7.03	7.03	7.02	7.02
BLKHAWK 2	G_CC	7.10	7.10	7.10	7.11	7.11	7.12	7.11	7.11	7.12	7.10	7.08	7.09	7.07	7.06
CALP 200	G_CC	7.45	7.44	7.43	7.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CALP 400	G_CC	7.43	7.42	7.41	7.41	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUNNING 3	G_CT	11.45	11.43	11.43	11.44	11.46	11.44	11.44	11.43	11.44	11.43	11.44	11.43	11.43	11.44
CUNNING 4	G_CT	11.41	11.39	11.39	11.40	11.41	11.40	11.40	11.39	11.39	11.41	11.40	11.39	11.39	11.39
JONES 3	G_CT	10.95	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.95	10.96	10.96	10.95	10.95
JONES 4	G_CT	10.77	10.78	10.79	10.78	10.78	10.78	10.78	10.79	10.79	10.77	10.79	10.79	10.78	10.78
CRLSBD 1	G_CT	16.93	17.22	17.21	17.14	17.10	17.14	17.16	17.23	17.16	16.93	0.00	0.00	0.00	0.00

Base-Average Heat Rates

THERMAL UNIT	Unit	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
HARRING 1	COAL	10.47	10.47	10.47	10.47	10.47	10.47	10.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HARRING 2	COAL	10.39	10.39	10.39	10.39	10.40	10.40	10.40	10.41	10.41	0.00	0.00	0.00	0.00	0.00
HARRING 3	COAL	10.19	10.19	10.19	10.19	10.19	10.19	10.19	10.19	10.19	10.19	10.19	0.00	0.00	0.00
TOLK 1	COAL	10.07	10.06	10.06	10.06	10.06	10.06	10.06	10.06	10.06	10.06	10.06	10.06	10.06	0.00
TOLK 2	COAL	9.91	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90
CUNNING 1	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUNNING 2	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JONES 1	G_ST	10.47	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JONES 2	G_ST	10.34	10.35	10.36	10.35	10.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MADDOX 1	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NICHOLS 1	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NICHOLS 2	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NICHOLS 3	G_ST	10.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PLANT X 1	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PLANT X 2	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PLANT X 3	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PLANT X 4	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COOKSTM 1	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COOKSTM 2	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HOBBS 1	G_CC	7.22	7.22	7.23	7.22	7.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BLKHAWK 1	G_CC	7.02	7.02	7.01	7.01	7.02	7.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BLKHAWK 2	G_CC	7.06	7.06	7.05	7.05	7.06	7.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CALP 200	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CALP 400	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUNNING 3	G_CT	11.43	11.46	11.45	11.45	11.45	11.44	11.44	11.45	11.43	11.43	11.43	0.00	0.00	0.00
CUNNING 4	G_CT	11.39	11.42	11.40	11.40	11.40	11.41	11.40	11.41	11.39	11.39	11.39	0.00	0.00	0.00
JONES 3	G_CT	10.96	10.94	10.94	10.94	10.95	10.94	10.95	10.96	10.96	10.96	10.96	10.96	10.96	10.96
JONES 4	G_CT	10.78	10.77	10.77	10.77	10.78	10.77	10.78	10.78	10.78	10.78	10.78	10.79	10.79	10.79
CRLSBD 1	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Base-Average Heat Rates

THERMAL UNIT	Unit	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
HARRING 1	COAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HARRING 2	COAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HARRING 3	COAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOLK 1	COAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOLK 2	COAL	9.90	9.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUNNING 1	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUNNING 2	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JONES 1	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JONES 2	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MADDOX 1	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NICHOLS 1	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NICHOLS 2	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NICHOLS 3	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PLANT X 1	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PLANT X 2	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PLANT X 3	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PLANT X 4	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COOKSTM 1	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COOKSTM 2	G_ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HOBBS 1	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BLKHAWK 1	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BLKHAWK 2	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CALP 200	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CALP 400	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUNNING 3	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUNNING 4	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JONES 3	G_CT	10.96	10.95	10.96	10.96	10.96	10.94	10.94	10.94	10.94	10.94	10.94	10.93
JONES 4	G_CT	10.78	10.78	10.78	10.79	10.78	10.77	10.77	10.76	10.76	10.76	10.76	10.76
CRLSBD 1	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Base-Average Heat Rates

		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
MADDOX 2	G_CT	13.44	13.45	13.45	13.45	13.44	13.45	13.45	13.45	13.45	13.44	0.00	0.00	0.00	0.00
MADDOX 3	G_CT	17.87	17.87	17.87	17.87	17.87	17.87	17.87	17.87	17.87	17.87	0.00	0.00	0.00	0.00
COOK_GT 2	G_CT	14.54	14.52	14.52	14.52	14.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COOK_GT 3	G_CT	15.79	15.86	15.87	15.86	15.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SD_RCH 1	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ORION 1	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
QUAYCTY 1	OIL_	16.64	17.01	16.99	16.88	16.82	16.88	16.92	17.01	16.92	16.60	16.98	17.00	16.94	16.88
BIOMASS 1	BIO_	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 579	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 580	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 581	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CC 582	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CC 583	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 584	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 585	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CC 586	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 587	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CC 588	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 589	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 590	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 591	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CC 592	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CC 593	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CC 594	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 595	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CC 596	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CC 597	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.98	6.98
PPA_CC 598	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.04	7.02	7.02	6.98	6.96
GAINCT 599	X__1	0.00	0.00	0.00	0.00	0.00	0.00	10.91	10.92	10.90	10.81	10.93	10.95	10.89	10.86
GAINCT 600	X__1	0.00	0.00	0.00	0.00	0.00	10.66	10.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Base-Average Heat Rates

		2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
MADDOX 2	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MADDOX 3	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COOK_GT 2	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COOK_GT 3	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SD_RCH 1	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ORION 1	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
QUAYCTY 1	OIL_	16.91	16.56	16.73	16.70	16.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BIOMASS 1	BIO_	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 579	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 580	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 581	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CC 582	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CC 583	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 584	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 585	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CC 586	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.96
PPA_CT 587	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.82	10.82
PPA_CC 588	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.96	6.95	6.96
PPA_CT 589	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.83	10.81	10.84	10.86	10.86
PPA_CT 590	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.87	10.86	10.89	10.89	10.88
PPA_CT 591	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.89	10.88	10.91	10.89	10.91
PPA_CC 592	G_CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.91	6.90	6.95	6.98	6.96	6.93	6.95
PPA_CC 593	G_CC	0.00	0.00	0.00	0.00	0.00	6.93	6.94	6.92	6.89	6.93	6.95	6.93	6.91	6.92
PPA_CC 594	G_CC	0.00	0.00	0.00	0.00	0.00	6.93	6.92	6.92	6.89	6.91	6.94	6.91	6.90	6.91
PPA_CT 595	G_CT	0.00	0.00	0.00	10.97	10.89	10.81	10.83	10.85	10.86	10.86	10.85	10.88	10.87	10.88
PPA_CC 596	G_CC	0.00	6.95	6.94	6.95	6.98	6.96	6.92	6.91	6.90	6.90	6.92	6.90	6.89	6.89
PPA_CC 597	G_CC	6.98	6.96	6.94	6.95	6.97	6.95	6.92	6.90	6.90	6.93	6.92	6.89	6.89	6.89
PPA_CC 598	G_CC	6.96	6.95	6.93	6.93	6.94	6.91	6.90	6.88	6.89	6.90	6.88	6.88	6.87	6.87
GAINCT 599	X__1	10.88	10.81	10.80	10.87	10.92	10.94	10.98	11.02	11.00	11.01	10.97	11.01	10.99	11.01
GAINCT 600	X__1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Base-Average Heat Rates

		2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
MADDOX 2	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MADDOX 3	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COOK_GT 2	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COOK_GT 3	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SD_RCH 1	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ORION 1	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
QUAYCTY 1	OIL_	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BIOMASS 1	BIO_	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPA_CT 579	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.73
PPA_CT 580	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.74	10.75
PPA_CT 581	G_CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.75	10.76	10.76
PPA_CC 582	G_CC	0.00	0.00	0.00	6.92	6.92	6.94	6.94	6.93	6.95	6.96	6.98	6.99
PPA_CC 583	G_CC	0.00	0.00	7.00	6.93	6.90	6.92	6.92	6.92	6.93	6.94	6.95	6.96
PPA_CT 584	G_CT	0.00	10.80	10.80	10.85	10.84	10.77	10.77	10.76	10.75	10.77	10.77	10.77
PPA_CT 585	G_CT	10.82	10.84	10.84	10.88	10.86	10.79	10.79	10.78	10.78	10.78	10.78	10.77
PPA_CC 586	G_CC	6.95	6.97	7.01	6.91	6.88	6.91	6.91	6.91	6.92	6.92	6.93	6.95
PPA_CT 587	G_CT	10.85	10.84	10.84	10.88	10.86	10.78	10.79	10.78	10.77	10.79	10.79	10.78
PPA_CC 588	G_CC	6.94	6.95	6.97	6.89	6.87	6.89	6.89	6.90	6.90	6.91	6.92	6.93
PPA_CT 589	G_CT	10.86	10.84	10.86	10.89	10.87	10.79	10.78	10.77	10.77	10.81	10.81	10.80
PPA_CT 590	G_CT	10.88	10.87	10.89	10.92	10.90	10.82	10.82	10.80	10.80	10.80	10.80	10.79
PPA_CT 591	G_CT	10.88	10.87	10.90	10.92	10.89	10.80	10.80	10.79	10.79	10.79	10.79	10.77
PPA_CC 592	G_CC	6.92	6.93	6.93	6.87	6.87	6.88	6.88	6.89	6.90	6.90	6.90	6.91
PPA_CC 593	G_CC	6.90	6.91	6.92	6.87	6.86	6.88	6.87	6.88	6.88	6.89	6.90	6.91
PPA_CC 594	G_CC	6.89	6.90	6.90	6.86	6.86	6.88	6.87	6.88	6.88	6.88	6.89	6.89
PPA_CT 595	G_CT	10.85	10.85	10.86	10.89	10.87	10.77	10.77	10.76	10.76	10.76	10.76	10.75
PPA_CC 596	G_CC	6.88	6.89	6.89	6.86	6.86	6.88	6.88	6.88	6.88	6.88	6.88	6.89
PPA_CC 597	G_CC	6.88	6.89	6.88	6.87	6.87	6.88	6.88	6.88	6.88	6.89	6.89	6.89
PPA_CC 598	G_CC	6.87	6.87	6.86	6.87	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.87
GAINCT 599	X__1	10.97	10.96	10.98	11.02	10.99	10.84	10.84	10.83	10.82	10.82	10.82	10.80
GAINCT 600	X__1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Base-Average Heat Rates

TRANSACTION	Desc	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
CAPROCK	WPPA														
MAMMOTH	WPPA														
PALODURO	WPPA														
ROOSEVEL	WPPA														
SPINSPUR	WPPA														
SAN JUAN	WPPA														
TEXICO	WPPA														
WHT DEER	WPPA														
WILDRADO	WPPA														
AEOLUS	WPPA														
CIRRUS	WPPA														
EXELON1	WPPA														
EXELON2	WPPA														
EXELON3	WPPA														
EXELON4	WPPA														
EXELON5	WPPA														
EXELON6	WPPA														
EXELON7	WPPA														
EXELON8	WPPA														
EXELON9	WPPA														
EXELON10	WPPA														
EXELON11	WPPA														
FIBERWIN	WPPA														
FRISCO	WPPA														
HIPLAINS	WPPA														
MESALAND	WPPA														
NATIONAL	WPPA														
NOVUS1	WPPA														
NOVUS2	WPPA														
PRINGLE1	WPPA														
PRINGLE2	WPPA														

Base-Average Heat Rates

TRANSACTION	Desc	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
CAPROCK	WPPA														
MAMMOTH	WPPA														
PALODURO	WPPA														
ROOSEVEL	WPPA														
SPINSPUR	WPPA														
SAN JUAN	WPPA														
TEXICO	WPPA														
WHT DEER	WPPA														
WILDRADO	WPPA														
AEOLUS	WPPA														
CIRRUS	WPPA														
EXELON1	WPPA														
EXELON2	WPPA														
EXELON3	WPPA														
EXELON4	WPPA														
EXELON5	WPPA														
EXELON6	WPPA														
EXELON7	WPPA														
EXELON8	WPPA														
EXELON9	WPPA														
EXELON10	WPPA														
EXELON11	WPPA														
FIBERWIN	WPPA														
FRISCO	WPPA														
HIPLAINS	WPPA														
MESALAND	WPPA														
NATIONAL	WPPA														
NOVUS1	WPPA														
NOVUS2	WPPA														
PRINGLE1	WPPA														
PRINGLE2	WPPA														

Base-Average Heat Rates

TRANSACTION	Desc	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
CAPROCK	WPPA												
MAMMOTH	WPPA												
PALODURO	WPPA												
ROOSEVEL	WPPA												
SPINSPUR	WPPA												
SAN JUAN	WPPA												
TEXICO	WPPA												
WHT DEER	WPPA												
WILDRADO	WPPA												
AEOLUS	WPPA												
CIRRUS	WPPA												
EXELON1	WPPA												
EXELON2	WPPA												
EXELON3	WPPA												
EXELON4	WPPA												
EXELON5	WPPA												
EXELON6	WPPA												
EXELON7	WPPA												
EXELON8	WPPA												
EXELON9	WPPA												
EXELON10	WPPA												
EXELON11	WPPA												
FIBERWIN	WPPA												
FRISCO	WPPA												
HIPLAINS	WPPA												
MESALAND	WPPA												
NATIONAL	WPPA												
NOVUS1	WPPA												
NOVUS2	WPPA												
PRINGLE1	WPPA												
PRINGLE2	WPPA												

Base-Average Heat Rates

		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
PANTEX	WPPA														
PLSTHILL	WPPA														
RALLS	WPPA														
SUNRAY	WPPA														
SUZLON	WPPA														
WTX AM	WPPA														
SUNEDSN1	SOLR														
SUNEDSN2	SOLR														
SUNEDSN3	SOLR														
SUNEDSN4	SOLR														
SUNEDSN5	SOLR														
NM SOLAR	SOLR														
DG	SOLR														
NM WIND	WPPA														
TX WIND	WPPA														

Base-Average Heat Rates

		2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
PANTEX	WPPA														
PLSTHILL	WPPA														
RALLS	WPPA														
SUNRAY	WPPA														
SUZLON	WPPA														
WTX AM	WPPA														
SUNEDSN1	SOLR														
SUNEDSN2	SOLR														
SUNEDSN3	SOLR														
SUNEDSN4	SOLR														
SUNEDSN5	SOLR														
NM SOLAR	SOLR														
DG	SOLR														
NM WIND	WPPA														
TX WIND	WPPA														

Base-Average Heat Rates

		2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
PANTEX	WPPA												
PLSTHILL	WPPA												
RALLS	WPPA												
SUNRAY	WPPA												
SUZLON	WPPA												
WTX AM	WPPA												
SUNEDSN1	SOLR												
SUNEDSN2	SOLR												
SUNEDSN3	SOLR												
SUNEDSN4	SOLR												
SUNEDSN5	SOLR												
NM SOLAR	SOLR												
DG	SOLR												
NM WIND	WPPA												
TX WIND	WPPA												

Base-FOM($000)

THERMAL UNIT	Unit	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
HARRING 1	COAL	18,165	18,247	18,746	19,174	19,612	20,102	20,563	21,035	21,560	22,057	22,607	23,130	23,706
HARRING 2	COAL	18,242	18,327	18,828	19,258	19,699	20,192	20,655	21,131	21,658	22,158	22,711	23,237	23,817
HARRING 3	COAL	18,251	18,334	18,835	19,265	19,706	20,199	20,662	21,137	21,665	22,164	22,717	23,242	23,822
TOLK 1	COAL	23,381	23,479	24,402	24,963	25,537	26,125	26,790	27,407	28,040	28,687	29,351	30,031	30,791
TOLK 2	COAL	23,590	23,690	24,621	25,188	25,768	26,362	27,033	27,657	28,295	28,950	29,620	30,307	31,075
CUNNING 1	G_ST	3,199	3,276	3,355	3,437	0	0	0	0	0	0	0	0	0
CUNNING 2	G_ST	8,244	8,442	8,646	8,856	9,073	9,296	9,527	9,764	10,009	10,261	0	0	0
JONES 1	G_ST	5,732	5,828	5,927	6,029	6,133	6,241	6,353	6,467	6,586	6,708	6,833	6,963	7,096
JONES 2	G_ST	5,815	5,913	6,015	6,119	6,226	6,337	6,452	6,569	6,691	6,816	6,945	7,078	7,215
MADDOX 1	G_ST	1,828	1,850	1,873	1,896	1,920	1,945	1,971	1,997	2,024	2,052	2,081	2,111	2,141
NICHOLS 1	G_ST	1,425	1,456	1,489	1,523	1,557	1,593	1,630	0	0	0	0	0	0
NICHOLS 2	G_ST	1,428	1,460	1,493	1,526	1,561	1,597	1,634	1,673	0	0	0	0	0
NICHOLS 3	G_ST	3,462	3,541	3,622	3,706	3,792	3,881	3,972	4,067	4,164	4,265	4,368	4,475	4,585
PLANT X 1	G_ST	459	468	478	488	0	0	0	0	0	0	0	0	0
PLANT X 2	G_ST	1,101	1,124	1,147	1,171	1,196	0	0	0	0	0	0	0	0
PLANT X 3	G_ST	1,097	1,119	1,142	1,166	1,190	1,215	1,240	1,267	1,294	0	0	0	0
PLANT X 4	G_ST	2,175	2,218	2,263	2,308	2,356	2,404	2,454	2,506	2,559	2,613	2,670	2,728	0
COOKSTM 1	G_ST	992	992	992	992	492	0	0	0	0	0	0	0	0
COOKSTM 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0
HOBBS 1	G_CC	54,452	54,452	54,452	54,452	54,452	54,452	54,452	54,452	54,452	54,452	54,452	54,452	54,452
BLKHAWK 1	G_CC	10,034	10,222	10,429	10,650	7,864	5,612	5,756	5,899	6,051	6,167	6,286	6,407	6,531
BLKHAWK 2	G_CC	10,928	11,133	11,359	11,599	8,565	6,112	6,269	6,425	6,590	6,717	6,846	6,978	7,112
CALP 200	G_CC	14,517	14,851	15,193	15,542	0	0	0	0	0	0	0	0	0
CALP 400	G_CC	20,114	20,576	21,049	19,266	2,979	0	0	0	0	0	0	0	0
CUNNING 3	G_CT	1,338	1,347	1,357	1,367	1,377	1,387	1,398	1,409	1,420	1,431	1,444	1,456	1,469
CUNNING 4	G_CT	1,338	1,347	1,357	1,367	1,377	1,387	1,398	1,409	1,420	1,431	1,444	1,456	1,469
JONES 3	G_CT	2,167	2,173	2,179	2,186	2,192	2,199	2,206	2,214	2,221	2,229	2,237	2,245	2,254
JONES 4	G_CT	2,167	2,173	2,179	2,186	2,192	2,199	2,206	2,214	2,221	2,229	2,237	2,245	2,254
CRLSBD 1	G_CT	26	27	28	29	30	30	31	32	33	34	0	0	0
MADDOX 2	G_CT	730	734	737	740	744	747	751	755	759	763	0	0	0
MADDOX 3	G_CT	116	116	117	118	118	119	119	120	120	121	0	0	0

Base-FOM($000)

THERMAL UNIT	Unit	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
HARRING 1	COAL	24,257	24,862	25,441	26,076	26,727	27,395	28,038	28,739	0	0	0	0
HARRING 2	COAL	24,371	24,980	25,563	26,202	26,856	27,528	28,175	28,881	29,604	30,346	0	0
HARRING 3	COAL	24,376	24,984	25,566	26,205	26,860	27,531	28,178	28,883	29,606	30,347	31,108	31,888
TOLK 1	COAL	31,506	32,239	33,053	33,824	34,678	35,489	36,384	37,238	38,177	39,076	40,062	41,072
TOLK 2	COAL	31,797	32,538	33,360	34,139	35,001	35,821	36,725	37,588	38,536	39,445	40,441	41,461
CUNNING 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0
CUNNING 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0
JONES 1	G_ST	7,234	7,376	7,522	0	0	0	0	0	0	0	0	0
JONES 2	G_ST	7,356	7,502	7,652	7,806	7,966	8,130	0	0	0	0	0	0
MADDOX 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0
NICHOLS 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0
NICHOLS 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0
NICHOLS 3	G_ST	4,698	4,815	0	0	0	0	0	0	0	0	0	0
PLANT X 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0
PLANT X 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0
PLANT X 3	G_ST	0	0	0	0	0	0	0	0	0	0	0	0
PLANT X 4	G_ST	0	0	0	0	0	0	0	0	0	0	0	0
COOKSTM 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0
COOKSTM 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0
HOBBS 1	G_CC	54,452	54,452	54,452	54,452	54,452	36,251	0	0	0	0	0	0
BLKHAWK 1	G_CC	6,656	6,785	6,915	7,049	7,184	7,323	3,701	0	0	0	0	0
BLKHAWK 2	G_CC	7,250	7,389	7,532	7,677	7,825	7,975	4,031	0	0	0	0	0
CALP 200	G_CC	0	0	0	0	0	0	0	0	0	0	0	0
CALP 400	G_CC	0	0	0	0	0	0	0	0	0	0	0	0
CUNNING 3	G_CT	1,482	1,495	1,509	1,524	1,539	1,554	1,570	1,586	1,603	1,620	1,638	1,656
CUNNING 4	G_CT	1,482	1,495	1,509	1,524	1,539	1,554	1,570	1,586	1,603	1,620	1,638	1,656
JONES 3	G_CT	2,262	2,271	2,281	2,290	2,300	2,310	2,321	2,331	2,343	2,354	2,366	2,378
JONES 4	G_CT	2,262	2,271	2,281	2,290	2,300	2,310	2,321	2,331	2,343	2,354	2,366	2,378
CRLSBD 1	G_CT	0	0	0	0	0	0	0	0	0	0	0	0
MADDOX 2	G_CT	0	0	0	0	0	0	0	0	0	0	0	0
MADDOX 3	G_CT	0	0	0	0	0	0	0	0	0	0	0	0

Base-FOM($000)

THERMAL UNIT	Unit	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
HARRING 1	COAL	0	0	0	0	0	0	0	0	0	0	0
HARRING 2	COAL	0	0	0	0	0	0	0	0	0	0	0
HARRING 3	COAL	0	0	0	0	0	0	0	0	0	0	0
TOLK 1	COAL	42,108	43,107	0	0	0	0	0	0	0	0	0
TOLK 2	COAL	42,507	43,517	44,617	45,744	46,901	0	0	0	0	0	0
CUNNING 1	G_ST	0	0	0	0	0	0	0	0	0	0	0
CUNNING 2	G_ST	0	0	0	0	0	0	0	0	0	0	0
JONES 1	G_ST	0	0	0	0	0	0	0	0	0	0	0
JONES 2	G_ST	0	0	0	0	0	0	0	0	0	0	0
MADDOX 1	G_ST	0	0	0	0	0	0	0	0	0	0	0
NICHOLS 1	G_ST	0	0	0	0	0	0	0	0	0	0	0
NICHOLS 2	G_ST	0	0	0	0	0	0	0	0	0	0	0
NICHOLS 3	G_ST	0	0	0	0	0	0	0	0	0	0	0
PLANT X 1	G_ST	0	0	0	0	0	0	0	0	0	0	0
PLANT X 2	G_ST	0	0	0	0	0	0	0	0	0	0	0
PLANT X 3	G_ST	0	0	0	0	0	0	0	0	0	0	0
PLANT X 4	G_ST	0	0	0	0	0	0	0	0	0	0	0
COOKSTM 1	G_ST	0	0	0	0	0	0	0	0	0	0	0
COOKSTM 2	G_ST	0	0	0	0	0	0	0	0	0	0	0
HOBBS 1	G_CC	0	0	0	0	0	0	0	0	0	0	0
BLKHAWK 1	G_CC	0	0	0	0	0	0	0	0	0	0	0
BLKHAWK 2	G_CC	0	0	0	0	0	0	0	0	0	0	0
CALP 200	G_CC	0	0	0	0	0	0	0	0	0	0	0
CALP 400	G_CC	0	0	0	0	0	0	0	0	0	0	0
CUNNING 3	G_CT	0	0	0	0	0	0	0	0	0	0	0
CUNNING 4	G_CT	0	0	0	0	0	0	0	0	0	0	0
JONES 3	G_CT	2,391	2,404	2,417	2,431	2,445	2,459	2,474	2,490	2,506	2,522	2,539
JONES 4	G_CT	2,391	2,404	2,417	2,431	2,445	2,459	2,474	2,490	2,506	2,522	2,539
CRLSBD 1	G_CT	0	0	0	0	0	0	0	0	0	0	0
MADDOX 2	G_CT	0	0	0	0	0	0	0	0	0	0	0
MADDOX 3	G_CT	0	0	0	0	0	0	0	0	0	0	0

Base-FOM($000)

THERMAL UNIT	Unit	2051	2052	2053	2054
HARRING 1	COAL	0	0	0	0
HARRING 2	COAL	0	0	0	0
HARRING 3	COAL	0	0	0	0
TOLK 1	COAL	0	0	0	0
TOLK 2	COAL	0	0	0	0
CUNNING 1	G_ST	0	0	0	0
CUNNING 2	G_ST	0	0	0	0
JONES 1	G_ST	0	0	0	0
JONES 2	G_ST	0	0	0	0
MADDOX 1	G_ST	0	0	0	0
NICHOLS 1	G_ST	0	0	0	0
NICHOLS 2	G_ST	0	0	0	0
NICHOLS 3	G_ST	0	0	0	0
PLANT X 1	G_ST	0	0	0	0
PLANT X 2	G_ST	0	0	0	0
PLANT X 3	G_ST	0	0	0	0
PLANT X 4	G_ST	0	0	0	0
COOKSTM 1	G_ST	0	0	0	0
COOKSTM 2	G_ST	0	0	0	0
HOBBS 1	G_CC	0	0	0	0
BLKHAWK 1	G_CC	0	0	0	0
BLKHAWK 2	G_CC	0	0	0	0
CALP 200	G_CC	0	0	0	0
CALP 400	G_CC	0	0	0	0
CUNNING 3	G_CT	0	0	0	0
CUNNING 4	G_CT	0	0	0	0
JONES 3	G_CT	2,557	2,575	2,594	2,613
JONES 4	G_CT	2,557	2,575	2,594	2,613
CRLSBD 1	G_CT	0	0	0	0
MADDOX 2	G_CT	0	0	0	0
MADDOX 3	G_CT	0	0	0	0

Base-FOM($000)

		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
COOK_GT 2	G_CT	339	407	407	407	202	0	0	0	0	0	0	0	0
COOK_GT 3	G_CT	432	432	432	432	214	0	0	0	0	0	0	0	0
SD_RCH 1	G_CT	96	96	96	96	96	96	56	0	0	0	0	0	0
ORION 1	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0
QUAYCTY 1	OIL_	145	150	154	159	164	169	174	180	185	191	197	203	209
BIOMASS 1	BIO_	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 579	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 580	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 581	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC 582	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC 583	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 584	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 585	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC 586	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 587	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC 588	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 589	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 590	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 591	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC 592	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC 593	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC 594	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 595	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC 596	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC 597	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	43,053
PPA_CC 598	G_CC	0	0	0	0	0	0	0	0	0	39,654	61,962	63,650	65,435
GAINCT 599	X__1	0	0	0	0	0	0	338	515	525	535	546	557	568
GAINCT 600	X__1	0	0	0	0	0	184	92	0	0	0	0	0	0

Base-FOM($000)

		2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
COOK_GT 2	G_CT	0	0	0	0	0	0	0	0	0	0	0	0
COOK_GT 3	G_CT	0	0	0	0	0	0	0	0	0	0	0	0
SD_RCH 1	G_CT	0	0	0	0	0	0	0	0	0	0	0	0
ORION 1	G_CT	0	0	0	0	0	0	0	0	0	0	0	0
QUAYCTY 1	OIL_	215	222	229	236	243	251	0	0	0	0	0	0
BIOMASS 1	BIO_	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 579	G_CT	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 580	G_CT	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 581	G_CT	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC 582	G_CC	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC 583	G_CC	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 584	G_CT	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 585	G_CT	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC 586	G_CC	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 587	G_CT	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC 588	G_CC	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 589	G_CT	0	0	0	0	0	0	0	0	0	0	10,994	17,357
PPA_CT 590	G_CT	0	0	0	0	0	0	0	0	0	0	10,994	17,357
PPA_CT 591	G_CT	0	0	0	0	0	0	0	0	0	0	10,994	17,357
PPA_CC 592	G_CC	0	0	0	0	0	0	0	0	55,107	86,143	88,519	90,993
PPA_CC 593	G_CC	0	0	0	0	0	0	52,181	81,587	83,769	86,143	88,519	90,993
PPA_CC 594	G_CC	0	0	0	0	0	0	52,181	81,587	83,769	86,143	88,519	90,993
PPA_CT 595	G_CT	0	0	0	0	9,316	14,706	15,106	15,532	15,981	16,407	16,882	17,357
PPA_CC 596	G_CC	0	0	46,771	73,069	75,052	77,134	79,312	81,587	83,769	86,143	88,519	90,993
PPA_CC 597	G_CC	67,222	69,106	71,087	73,069	75,052	77,134	79,312	81,587	83,769	86,143	88,519	90,993
PPA_CC 598	G_CC	67,222	69,106	71,087	73,069	75,052	77,134	79,312	81,587	83,769	86,143	88,519	90,993
GAINCT 599	X__1	579	591	603	615	627	640	653	666	679	692	706	720
GAINCT 600	X__1	0	0	0	0	0	0	0	0	0	0	0	0

Base-FOM($000)

		2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
COOK_GT 2	G_CT	0	0	0	0	0	0	0	0	0	0	0
COOK_GT 3	G_CT	0	0	0	0	0	0	0	0	0	0	0
SD_RCH 1	G_CT	0	0	0	0	0	0	0	0	0	0	0
ORION 1	G_CT	0	0	0	0	0	0	0	0	0	0	0
QUAYCTY 1	OIL_	0	0	0	0	0	0	0	0	0	0	0
BIOMASS 1	BIO_	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 579	G_CT	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 580	G_CT	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 581	G_CT	0	0	0	0	0	0	0	0	0	0	0
PPA_CC 582	G_CC	0	0	0	0	0	0	72,608	113,431	116,591	119,850	123,207
PPA_CC 583	G_CC	0	0	0	0	0	70,658	110,368	113,431	116,591	119,850	123,207
PPA_CT 584	G_CT	0	0	0	0	12,980	20,483	21,057	21,656	22,257	22,880	23,530
PPA_CT 585	G_CT	0	0	0	12,622	19,933	20,483	21,057	21,656	22,257	22,880	23,530
PPA_CC 586	G_CC	0	0	65,067	101,575	104,440	107,404	110,368	113,431	116,591	119,850	123,207
PPA_CT 587	G_CT	0	11,939	18,857	19,383	19,933	20,483	21,057	21,656	22,257	22,880	23,530
PPA_CC 588	G_CC	61,549	96,137	98,903	101,575	104,440	107,404	110,368	113,431	116,591	119,850	123,207
PPA_CT 589	G_CT	17,832	18,333	18,857	19,383	19,933	20,483	21,057	21,656	22,257	22,880	23,530
PPA_CT 590	G_CT	17,832	18,333	18,857	19,383	19,933	20,483	21,057	21,656	22,257	22,880	23,530
PPA_CT 591	G_CT	17,832	18,333	18,857	19,383	19,933	20,483	21,057	21,656	22,257	22,880	23,530
PPA_CC 592	G_CC	93,564	96,137	98,903	101,575	104,440	107,404	110,368	113,431	116,591	119,850	123,207
PPA_CC 593	G_CC	93,564	96,137	98,903	101,575	104,440	107,404	110,368	113,431	116,591	119,850	123,207
PPA_CC 594	G_CC	93,564	96,137	98,903	101,575	104,440	107,404	110,368	113,431	116,591	119,850	123,207
PPA_CT 595	G_CT	17,832	18,333	18,857	19,383	19,933	20,483	21,057	21,656	22,257	22,880	23,530
PPA_CC 596	G_CC	93,564	96,137	98,903	101,575	104,440	107,404	110,368	113,431	116,591	119,850	123,207
PPA_CC 597	G_CC	93,564	96,137	98,903	101,575	104,440	107,404	110,368	113,431	116,591	119,850	123,207
PPA_CC 598	G_CC	93,564	96,137	98,903	101,575	104,440	107,404	110,368	113,431	116,591	119,850	123,207
GAINCT 599	X__1	735	750	765	780	795	811	828	844	861	878	896
GAINCT 600	X__1	0	0	0	0	0	0	0	0	0	0	0

Base-FOM($000)

		2051	2052	2053	2054
COOK_GT 2	G_CT	0	0	0	0
COOK_GT 3	G_CT	0	0	0	0
SD_RCH 1	G_CT	0	0	0	0
ORION 1	G_CT	0	0	0	0
QUAYCTY 1	OIL_	0	0	0	0
BIOMASS 1	BIO_	0	0	0	0
PPA_CT 579	G_CT	0	0	0	17,111
PPA_CT 580	G_CT	0	0	16,639	26,277
PPA_CT 581	G_CT	0	16,184	25,552	26,277
PPA_CC 582	G_CC	126,661	130,213	133,864	137,612
PPA_CC 583	G_CC	126,661	130,213	133,864	137,612
PPA_CT 584	G_CT	24,179	24,853	25,552	26,277
PPA_CT 585	G_CT	24,179	24,854	25,552	26,277
PPA_CC 586	G_CC	126,661	130,213	133,864	137,612
PPA_CT 587	G_CT	24,179	24,854	25,552	26,277
PPA_CC 588	G_CC	126,661	130,213	133,864	137,612
PPA_CT 589	G_CT	24,179	24,854	25,552	26,277
PPA_CT 590	G_CT	24,179	24,853	25,552	26,277
PPA_CT 591	G_CT	24,179	24,853	25,552	26,277
PPA_CC 592	G_CC	126,661	130,213	133,864	137,612
PPA_CC 593	G_CC	126,661	130,213	133,864	137,612
PPA_CC 594	G_CC	126,661	130,213	133,864	137,612
PPA_CT 595	G_CT	24,179	24,854	25,552	26,277
PPA_CC 596	G_CC	126,661	130,213	133,864	137,612
PPA_CC 597	G_CC	126,661	130,213	133,864	137,612
PPA_CC 598	G_CC	126,661	130,213	133,864	137,612
GAINCT 599	X__1	914	932	951	970
GAINCT 600	X__1	0	0	0	0

Base-FOM($000)

TRANSACTION	Desc	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CAPROCK	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
MAMMOTH	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
PALODURO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
ROOSEVEL	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
SPINSPUR	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN JUAN	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
TEXICO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
WHT DEER	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
WILDRADO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
AEOLUS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRRUS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON1	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON2	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON3	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON4	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON5	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON6	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON7	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON8	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON9	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON10	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON11	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
FIBERWIN	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
FRISCO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
HIPLAINS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
MESALAND	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
NATIONAL	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
NOVUS1	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
NOVUS2	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
PRINGLE1	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
PRINGLE2	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0

Base-FOM($000)

TRANSACTION	Desc	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
CAPROCK	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
MAMMOTH	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
PALODURO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
ROOSEVEL	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
SPINSPUR	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
SAN JUAN	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
TEXICO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
WHT DEER	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
WILDRADO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
AEOLUS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
CIRRUS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
EXELON1	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
EXELON2	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
EXELON3	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
EXELON4	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
EXELON5	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
EXELON6	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
EXELON7	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
EXELON8	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
EXELON9	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
EXELON10	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
EXELON11	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
FIBERWIN	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
FRISCO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
HIPLAINS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
MESALAND	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
NATIONAL	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
NOVUS1	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
NOVUS2	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
PRINGLE1	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
PRINGLE2	WPPA	0	0	0	0	0	0	0	0	0	0	0	0

Base-FOM($000)

TRANSACTION	Desc	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
CAPROCK	WPPA	0	0	0	0	0	0	0	0	0	0	0
MAMMOTH	WPPA	0	0	0	0	0	0	0	0	0	0	0
PALODURO	WPPA	0	0	0	0	0	0	0	0	0	0	0
ROOSEVEL	WPPA	0	0	0	0	0	0	0	0	0	0	0
SPINSPUR	WPPA	0	0	0	0	0	0	0	0	0	0	0
SAN JUAN	WPPA	0	0	0	0	0	0	0	0	0	0	0
TEXICO	WPPA	0	0	0	0	0	0	0	0	0	0	0
WHT DEER	WPPA	0	0	0	0	0	0	0	0	0	0	0
WILDRADO	WPPA	0	0	0	0	0	0	0	0	0	0	0
AEOLUS	WPPA	0	0	0	0	0	0	0	0	0	0	0
CIRRUS	WPPA	0	0	0	0	0	0	0	0	0	0	0
EXELON1	WPPA	0	0	0	0	0	0	0	0	0	0	0
EXELON2	WPPA	0	0	0	0	0	0	0	0	0	0	0
EXELON3	WPPA	0	0	0	0	0	0	0	0	0	0	0
EXELON4	WPPA	0	0	0	0	0	0	0	0	0	0	0
EXELON5	WPPA	0	0	0	0	0	0	0	0	0	0	0
EXELON6	WPPA	0	0	0	0	0	0	0	0	0	0	0
EXELON7	WPPA	0	0	0	0	0	0	0	0	0	0	0
EXELON8	WPPA	0	0	0	0	0	0	0	0	0	0	0
EXELON9	WPPA	0	0	0	0	0	0	0	0	0	0	0
EXELON10	WPPA	0	0	0	0	0	0	0	0	0	0	0
EXELON11	WPPA	0	0	0	0	0	0	0	0	0	0	0
FIBERWIN	WPPA	0	0	0	0	0	0	0	0	0	0	0
FRISCO	WPPA	0	0	0	0	0	0	0	0	0	0	0
HIPLAINS	WPPA	0	0	0	0	0	0	0	0	0	0	0
MESALAND	WPPA	0	0	0	0	0	0	0	0	0	0	0
NATIONAL	WPPA	0	0	0	0	0	0	0	0	0	0	0
NOVUS1	WPPA	0	0	0	0	0	0	0	0	0	0	0
NOVUS2	WPPA	0	0	0	0	0	0	0	0	0	0	0
PRINGLE1	WPPA	0	0	0	0	0	0	0	0	0	0	0
PRINGLE2	WPPA	0	0	0	0	0	0	0	0	0	0	0

Base-FOM($000)

TRANSACTION	Desc	2051	2052	2053	2054
CAPROCK	WPPA	0	0	0	0
MAMMOTH	WPPA	0	0	0	0
PALODURO	WPPA	0	0	0	0
ROOSEVEL	WPPA	0	0	0	0
SPINSPUR	WPPA	0	0	0	0
SAN JUAN	WPPA	0	0	0	0
TEXICO	WPPA	0	0	0	0
WHT DEER	WPPA	0	0	0	0
WILDRADO	WPPA	0	0	0	0
AEOLUS	WPPA	0	0	0	0
CIRRUS	WPPA	0	0	0	0
EXELON1	WPPA	0	0	0	0
EXELON2	WPPA	0	0	0	0
EXELON3	WPPA	0	0	0	0
EXELON4	WPPA	0	0	0	0
EXELON5	WPPA	0	0	0	0
EXELON6	WPPA	0	0	0	0
EXELON7	WPPA	0	0	0	0
EXELON8	WPPA	0	0	0	0
EXELON9	WPPA	0	0	0	0
EXELON10	WPPA	0	0	0	0
EXELON11	WPPA	0	0	0	0
FIBERWIN	WPPA	0	0	0	0
FRISCO	WPPA	0	0	0	0
HIPLAINS	WPPA	0	0	0	0
MESALAND	WPPA	0	0	0	0
NATIONAL	WPPA	0	0	0	0
NOVUS1	WPPA	0	0	0	0
NOVUS2	WPPA	0	0	0	0
PRINGLE1	WPPA	0	0	0	0
PRINGLE2	WPPA	0	0	0	0

Base-FOM($000)

		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PANTEX	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
PLSTHILL	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
RALLS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNRAY	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
SUZLON	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
WTX AM	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN1	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN2	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN3	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN4	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN5	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0
NM SOLAR	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0
DG	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0
NM WIND	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0
TX WIND	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0

Base-FOM($000)

		2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
PANTEX	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
PLSTHILL	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
RALLS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
SUNRAY	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
SUZLON	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
WTX AM	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN1	SOLR	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN2	SOLR	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN3	SOLR	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN4	SOLR	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN5	SOLR	0	0	0	0	0	0	0	0	0	0	0	0
NM SOLAR	SOLR	0	0	0	0	0	0	0	0	0	0	0	0
DG	SOLR	0	0	0	0	0	0	0	0	0	0	0	0
NM WIND	WPPA	0	0	0	0	0	0	0	0	0	0	0	0
TX WIND	WPPA	0	0	0	0	0	0	0	0	0	0	0	0

Base-FOM($000)

		2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
PANTEX	WPPA	0	0	0	0	0	0	0	0	0	0	0
PLSTHILL	WPPA	0	0	0	0	0	0	0	0	0	0	0
RALLS	WPPA	0	0	0	0	0	0	0	0	0	0	0
SUNRAY	WPPA	0	0	0	0	0	0	0	0	0	0	0
SUZLON	WPPA	0	0	0	0	0	0	0	0	0	0	0
WTX AM	WPPA	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN1	SOLR	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN2	SOLR	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN3	SOLR	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN4	SOLR	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN5	SOLR	0	0	0	0	0	0	0	0	0	0	0
NM SOLAR	SOLR	0	0	0	0	0	0	0	0	0	0	0
DG	SOLR	0	0	0	0	0	0	0	0	0	0	0
NM WIND	WPPA	0	0	0	0	0	0	0	0	0	0	0
TX WIND	WPPA	0	0	0	0	0	0	0	0	0	0	0

Base-FOM($000)

		2051	2052	2053	2054
PANTEX	WPPA	0	0	0	0
PLSTHILL	WPPA	0	0	0	0
RALLS	WPPA	0	0	0	0
SUNRAY	WPPA	0	0	0	0
SUZLON	WPPA	0	0	0	0
WTX AM	WPPA	0	0	0	0
SUNEDSN1	SOLR	0	0	0	0
SUNEDSN2	SOLR	0	0	0	0
SUNEDSN3	SOLR	0	0	0	0
SUNEDSN4	SOLR	0	0	0	0
SUNEDSN5	SOLR	0	0	0	0
NM SOLAR	SOLR	0	0	0	0
DG	SOLR	0	0	0	0
NM WIND	WPPA	0	0	0	0
TX WIND	WPPA	0	0	0	0

Base-VOM($000)

THERMAL UNIT	Unit	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
HARRING 1	COAL	37,991	33,867	42,177	44,012	37,809	47,617	48,845	46,658	53,802	56,157	52,896	60,740	62,022	56,334	65,876
HARRING 2	COAL	36,119	36,380	37,549	42,121	43,952	41,406	46,861	49,314	46,093	54,343	56,518	53,248	60,306	62,021	57,744
HARRING 3	COAL	30,881	38,908	42,816	40,262	45,885	48,089	44,967	52,245	54,612	47,242	58,773	61,309	54,308	64,631	66,428
TOLK 1	COAL	57,228	68,837	73,361	72,827	83,035	86,692	78,422	93,385	98,103	91,177	106,240	110,511	99,343	115,867	119,025
TOLK 2	COAL	69,193	70,131	69,411	80,517	83,414	79,540	90,100	94,671	88,201	103,568	106,911	100,254	113,549	116,481	108,010
CUNNING 1	G_ST	411	383	511	750	0	0	0	0	0	0	0	0	0	0	0
CUNNING 2	G_ST	14,130	22,314	25,408	25,201	36,299	42,596	38,417	43,586	46,702	26,683	0	0	0	0	0
JONES 1	G_ST	2,193	1,828	2,357	3,520	5,107	6,774	8,063	8,132	10,232	10,674	7,115	6,651	5,768	5,948	6,372
JONES 2	G_ST	3,948	3,038	3,586	5,386	7,387	10,413	10,424	12,545	15,257	14,608	10,562	10,357	8,111	8,751	9,481
MADDOX 1	G_ST	2,769	2,215	3,802	5,073	7,715	9,516	10,295	9,429	11,887	10,828	7,973	8,497	8,049	0	0
NICHOLS 1	G_ST	5,782	4,529	4,454	8,203	12,077	14,822	16,363	0	0	0	0	0	0	0	0
NICHOLS 2	G_ST	1,356	1,453	2,375	3,657	5,118	6,449	8,250	7,950	0	0	0	0	0	0	0
NICHOLS 3	G_ST	6,464	7,408	8,860	14,119	21,073	23,368	28,763	28,870	29,899	21,630	20,424	21,475	17,910	13,201	16,888
PLANT X 1	G_ST	126	132	157	227	0	0	0	0	0	0	0	0	0	0	0
PLANT X 2	G_ST	402	398	503	734	1,098	0	0	0	0	0	0	0	0	0	0
PLANT X 3	G_ST	7,086	5,648	5,752	4,720	10,931	11,405	10,706	14,219	15,411	0	0	0	0	0	0
PLANT X 4	G_ST	21,626	14,845	15,028	20,522	24,262	33,644	38,076	30,964	35,989	27,772	23,945	28,634	0	0	0
COOKSTM 1	G_ST	130	136	159	230	170	0	0	0	0	0	0	0	0	0	0
COOKSTM 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOBBS 1	G_CC	54,693	54,497	64,881	68,351	76,852	87,177	94,319	90,267	99,422	82,639	70,127	75,448	55,564	43,756	51,960
BLKHAWK 1	G_CC	16,036	15,980	18,789	19,602	21,763	23,435	26,935	27,298	28,789	27,687	30,830	32,322	33,893	32,163	35,853
BLKHAWK 2	G_CC	16,580	18,189	18,056	21,023	22,584	26,529	26,111	29,160	29,596	31,534	29,391	34,205	34,014	35,452	33,603
CALP 200	G_CC	7,791	11,682	18,802	25,684	0	0	0	0	0	0	0	0	0	0	0
CALP 400	G_CC	16,236	20,657	24,858	21,706	44	0	0	0	0	0	0	0	0	0	0
CUNNING 3	G_CT	75	81	90	139	202	330	277	250	349	205	201	197	206	259	235
CUNNING 4	G_CT	103	110	133	189	285	452	376	339	419	440	275	269	268	300	328
JONES 3	G_CT	293	310	359	521	874	1,173	904	804	1,058	1,097	661	647	613	742	757
JONES 4	G_CT	486	502	581	844	1,513	1,976	1,486	1,307	1,767	1,769	1,092	1,071	963	1,141	1,190
CRLSBD 1	G_CT	12	12	14	20	27	44	36	31	45	51	0	0	0	0	0
MADDOX 2	G_CT	60	66	77	112	178	166	94	94	135	149	0	0	0	0	0
MADDOX 3	G_CT	10	10	12	15	23	39	32	28	40	43	0	0	0	0	0
COOK_GT 2	G_CT	0	22	15	24	18	0	0	0	0	0	0	0	0	0	0
COOK_GT 3	G_CT	12	12	15	21	11	0	0	0	0	0	0	0	0	0	0
SD_RCH 1	G_CT	433	480	527	554	593	673	418	0	0	0	0	0	0	0	0
ORION 1	G_CT	2854	2894	3054	3164	3344	3489	3621	3768	3921	4091	4246	4418	4598	4798	4978
QUAYCTY 1	OIL_	65	66	72	94	126	211	171	191	263	297	190	180	196	244	239
BIOMASS 1	BIO_	0	0	3167	3895	3993	5473	5595	6452	6614	7554	7722	7916	8115	9175	9380
PPA_CT 579	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 580	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Base-VOM($000)

THERMAL UNIT	Unit	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
HARRING 1	COAL	68,567	62,501	71,841	73,716	67,156	79,180	0	0	0	0	0	0	0	0	0
HARRING 2	COAL	67,125	69,378	63,466	72,474	74,970	70,702	81,364	83,672	0	0	0	0	0	0	0
HARRING 3	COAL	59,478	71,212	72,225	63,971	76,461	79,103	70,704	84,202	86,754	89,535	0	0	0	0	0
TOLK 1	COAL	109,684	128,447	129,715	117,601	137,599	142,548	129,899	150,682	155,060	140,733	164,275	168,592	0	0	0
TOLK 2	COAL	124,440	128,502	116,987	132,892	137,103	127,811	146,086	149,634	138,927	158,329	163,132	151,051	171,771	176,515	181,766
CUNNING 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNNING 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JONES 1	G_ST	7,782	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JONES 2	G_ST	11,345	8,922	12,051	16,135	0	0	0	0	0	0	0	0	0	0	0
MADDOX 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NICHOLS 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NICHOLS 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NICHOLS 3	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANT X 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANT X 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANT X 3	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANT X 4	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COOKSTM 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COOKSTM 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOBBS 1	G_CC	45,936	37,155	46,847	43,022	0	0	0	0	0	0	0	0	0	0	0
BLKHAWK 1	G_CC	36,137	37,463	36,591	41,185	19,932	0	0	0	0	0	0	0	0	0	0
BLKHAWK 2	G_CC	37,661	37,264	40,102	38,689	21,024	0	0	0	0	0	0	0	0	0	0
CALP 200	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALP 400	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNNING 3	G_CT	278	433	450	466	267	292	175	193	132	158	0	0	0	0	0
CUNNING 4	G_CT	368	557	578	521	441	386	237	253	176	206	0	0	0	0	0
JONES 3	G_CT	911	1,283	1,334	1,328	1,056	904	591	578	417	462	240	209	165	153	151
JONES 4	G_CT	1,471	1,950	2,036	2,108	1,596	1,432	997	903	680	714	381	325	258	232	224
CRLSBD 1	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MADDOX 2	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MADDOX 3	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COOK_GT 2	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COOK_GT 3	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD_RCH 1	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORION 1	G_CT	5181	5392	5626	5838	6075	6322	6597	6846	7124	7414	7736	8028	8355	8694	9072
QUAYCTY 1	OIL_	265	414	347	355	0	0	0	0	0	0	0	0	0	0	0
BIOMASS 1	BIO_	10490	11649	11975	13183	13514	13853	14240	15597	15989	17483	17971	19519	20009	21718	22324
PPA_CT 579	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT 580	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Base-VOM($000)

THERMAL UNIT	Unit	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
HARRING 1	COAL	0	0	0	0	0	0	0	0	0	0
HARRING 2	COAL	0	0	0	0	0	0	0	0	0	0
HARRING 3	COAL	0	0	0	0	0	0	0	0	0	0
TOLK 1	COAL	0	0	0	0	0	0	0	0	0	0
TOLK 2	COAL	0	0	0	0	0	0	0	0	0	0
CUNNING 1	G_ST	0	0	0	0	0	0	0	0	0	0
CUNNING 2	G_ST	0	0	0	0	0	0	0	0	0	0
JONES 1	G_ST	0	0	0	0	0	0	0	0	0	0
JONES 2	G_ST	0	0	0	0	0	0	0	0	0	0
MADDOX 1	G_ST	0	0	0	0	0	0	0	0	0	0
NICHOLS 1	G_ST	0	0	0	0	0	0	0	0	0	0
NICHOLS 2	G_ST	0	0	0	0	0	0	0	0	0	0
NICHOLS 3	G_ST	0	0	0	0	0	0	0	0	0	0
PLANT X 1	G_ST	0	0	0	0	0	0	0	0	0	0
PLANT X 2	G_ST	0	0	0	0	0	0	0	0	0	0
PLANT X 3	G_ST	0	0	0	0	0	0	0	0	0	0
PLANT X 4	G_ST	0	0	0	0	0	0	0	0	0	0
COOKSTM 1	G_ST	0	0	0	0	0	0	0	0	0	0
COOKSTM 2	G_ST	0	0	0	0	0	0	0	0	0	0
HOBBS 1	G_CC	0	0	0	0	0	0	0	0	0	0
BLKHAWK 1	G_CC	0	0	0	0	0	0	0	0	0	0
BLKHAWK 2	G_CC	0	0	0	0	0	0	0	0	0	0
CALP 200	G_CC	0	0	0	0	0	0	0	0	0	0
CALP 400	G_CC	0	0	0	0	0	0	0	0	0	0
CUNNING 3	G_CT	0	0	0	0	0	0	0	0	0	0
CUNNING 4	G_CT	0	0	0	0	0	0	0	0	0	0
JONES 3	G_CT	116	30	45	279	262	337	412	385	362	391
JONES 4	G_CT	174	47	68	370	347	441	535	499	467	499
CRLSBD 1	G_CT	0	0	0	0	0	0	0	0	0	0
MADDOX 2	G_CT	0	0	0	0	0	0	0	0	0	0
MADDOX 3	G_CT	0	0	0	0	0	0	0	0	0	0
COOK_GT 2	G_CT	0	0	0	0	0	0	0	0	0	0
COOK_GT 3	G_CT	0	0	0	0	0	0	0	0	0	0
SD_RCH 1	G_CT	0	0	0	0	0	0	0	0	0	0
ORION 1	G_CT	9414	9797	10194	10638	11039	11487	11954	12474	12945	13471
QUAYCTY 1	OIL_	0	0	0	0	0	0	0	0	0	0
BIOMASS 1	BIO_	22822	23395	23982	24652	25201	25833	26481	27221	27827	28526
PPA_CT 579	G_CT	0	0	0	0	0	0	0	0	0	9,257
PPA_CT 580	G_CT	0	0	0	0	0	0	0	0	8,035	9,840

Base-VOM($000)

			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PPA_CT	581	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	582	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	583	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	584	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	585	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	586	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	587	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	588	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	589	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	590	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	591	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	592	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	593	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	594	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	595	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	596	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	597	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	112,417	163,662	180,365
PPA_CC	598	G_CC	0	0	0	0	0	0	0	0	0	102,303	166,433	183,294	151,826	137,502	147,708
GAINCT	599	X__1	0	0	0	0	0	0	5,391	6,777	9,288	10,462	5,822	5,861	5,075	5,343	5,910
GAINCT	600	X__1	0	0	0	0	0	2,773	847	0	0	0	0	0	0	0	0

Base-VOM($000)

			2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
PPA_CT	581	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	582	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	583	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	584	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,547
PPA_CT	585	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	5,359	6,041
PPA_CC	586	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	211,034	335,313	346,849
PPA_CT	587	G_CT	0	0	0	0	0	0	0	0	0	0	0	5,892	8,257	5,093	4,638
PPA_CC	588	G_CC	0	0	0	0	0	0	0	0	0	0	200,633	319,267	328,247	330,549	342,179
PPA_CT	589	G_CT	0	0	0	0	0	0	0	0	7,949	11,510	8,821	6,041	5,914	3,538	2,694
PPA_CT	590	G_CT	0	0	0	0	0	0	0	0	5,897	8,442	6,026	3,992	3,212	1,892	1,727
PPA_CT	591	G_CT	0	0	0	0	0	0	0	0	3,601	4,891	3,203	2,019	1,824	1,253	1,144
PPA_CC	592	G_CC	0	0	0	0	0	0	167,335	268,220	295,134	311,159	310,245	309,012	319,807	316,690	328,333
PPA_CC	593	G_CC	0	0	0	0	132,471	248,751	260,420	251,797	280,680	294,951	294,350	296,293	306,111	303,647	315,023
PPA_CC	594	G_CC	0	0	0	0	124,628	225,096	239,980	228,331	265,496	282,508	279,641	280,487	289,476	288,763	298,396
PPA_CT	595	G_CT	0	0	4,557	8,082	8,351	6,996	6,285	4,454	3,649	2,885	1,783	1,330	1,126	823	780
PPA_CC	596	G_CC	122,748	186,058	210,816	225,166	190,407	204,112	223,548	206,316	242,588	261,572	262,478	259,497	275,187	266,877	281,072
PPA_CC	597	G_CC	176,618	160,249	182,351	199,755	161,141	177,241	194,952	185,178	229,890	238,340	235,750	239,131	248,028	248,737	260,314
PPA_CC	598	G_CC	146,144	130,402	153,869	169,460	129,530	151,068	168,474	159,710	203,216	209,545	207,883	210,031	223,100	222,493	233,792
GAINCT	599	X__1	7,343	8,139	9,332	10,522	10,163	8,246	7,236	5,223	3,948	3,137	1,804	1,413	1,180	945	891
GAINCT	600	X__1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Base-VOM($000)

			2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
PPA_CT	581	G_CT	0	0	0	0	0	0	0	7,430	8,174	7,260
PPA_CC	582	G_CC	0	223,692	358,796	368,135	373,695	380,423	391,803	405,125	417,369	429,999
PPA_CC	583	G_CC	232,615	350,069	349,569	362,712	363,744	373,578	384,384	396,020	406,104	417,165
PPA_CT	584	G_CT	9,852	3,362	3,109	5,985	5,440	6,064	7,251	6,977	5,951	5,322
PPA_CT	585	G_CT	6,918	2,337	2,271	4,607	4,128	4,814	5,734	4,985	4,373	3,707
PPA_CC	586	G_CC	361,953	340,491	341,450	353,804	356,421	363,157	374,458	384,315	398,599	409,720
PPA_CT	587	G_CT	4,058	1,301	1,375	3,127	2,787	3,335	3,950	3,713	3,027	2,836
PPA_CC	588	G_CC	352,272	331,470	330,444	340,456	343,521	350,001	361,480	377,245	387,072	398,628
PPA_CT	589	G_CT	2,359	732	821	2,123	1,856	2,223	2,639	2,492	2,258	2,150
PPA_CT	590	G_CT	1,485	454	537	1,550	1,400	1,650	1,978	1,882	1,699	1,655
PPA_CT	591	G_CT	967	286	353	1,130	1,030	1,247	1,481	1,417	1,296	1,290
PPA_CC	592	G_CC	338,475	317,918	319,157	330,934	332,517	337,539	349,544	364,364	371,450	383,530
PPA_CC	593	G_CC	327,119	303,090	305,966	316,009	317,379	323,823	335,976	346,741	361,522	373,709
PPA_CC	594	G_CC	315,103	288,662	288,182	295,610	297,563	306,301	318,727	327,495	343,058	356,107
PPA_CT	595	G_CT	613	181	239	856	773	949	1,138	1,084	994	1,009
PPA_CC	596	G_CC	297,538	266,808	261,358	275,308	275,130	284,634	297,430	303,603	317,183	330,529
PPA_CC	597	G_CC	277,030	245,614	240,902	249,376	258,445	256,883	268,582	285,303	298,221	311,215
PPA_CC	598	G_CC	249,437	222,063	217,621	231,642	233,989	236,883	247,137	258,201	270,889	282,595
GAINCT	599	X__1	698	195	303	1,141	1,057	1,312	1,575	1,493	1,382	1,429
GAINCT	600	X__1	0	0	0	0	0	0	0	0	0	0

Base-VOM($000)

TRANSACTION	Desc	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAPROCK	WPPA	9,092	9,342	9,553	9,791	10,035	10,314	10,543	10,807	11,078	11,383	0	0	0	0	0
MAMMOTH	WPPA	17,267	17,652	17,960	18,320	18,689	19,114	19,445	19,832	20,229	20,685	21,048	21,471	21,894	22,390	22,785
PALODURO	WPPA	23,854	24,343	24,724	25,165	25,617	26,145	25,097	25,550	26,013	26,542	26,951	27,438	27,935	28,503	28,952
ROOSEVEL	WPPA	0	21,614	21,978	22,417	22,866	23,395	23,797	24,267	24,759	25,325	25,754	26,267	26,791	27,417	27,882
SPINSPUR	WPPA	24,773	24,835	24,773	26,861	26,861	26,928	26,861	26,861	31,314	31,392	31,314	31,314	31,314	0	0
SAN JUAN	WPPA	12,086	12,426	12,700	13,015	13,341	13,716	14,018	14,368	14,726	15,141	15,470	0	0	0	0
TEXICO	WPPA	259	265	269	274	0	0	0	0	0	0	0	0	0	0	0
WHT DEER	WPPA	6,934	7,076	0	0	0	0	0	0	0	0	0	0	0	0	0
WILDRADO	WPPA	22,425	23,036	23,560	24,149	24,750	25,428	26,008	26,658	27,321	28,072	28,708	29,426	9,828	0	0
AEOLUS	WPPA	172	170	184	198	226	254	252	261	267	107	0	0	0	0	0
CIRRUS	WPPA	5,143	5,071	5,493	5,946	6,735	7,581	7,460	7,743	7,935	8,142	8,187	8,574	8,770	9,049	9,146
EXELON1	WPPA	659	671	725	792	899	1,015	992	1,030	1,057	1,085	1,089	1,143	1,167	1,203	1,217
EXELON2	WPPA	659	671	725	792	899	1,015	992	1,030	1,057	1,085	1,089	1,143	1,167	1,203	1,217
EXELON3	WPPA	659	671	725	792	899	1,015	992	1,030	1,057	1,085	1,089	1,143	1,167	1,203	1,217
EXELON4	WPPA	5,262	5,354	5,783	6,323	7,173	8,101	7,920	8,223	8,433	8,655	8,689	9,122	9,313	9,597	9,711
EXELON5	WPPA	659	671	725	792	899	1,015	992	1,030	1,057	1,085	1,089	1,143	1,167	1,203	1,217
EXELON6	WPPA	659	671	725	792	899	1,015	992	1,030	1,057	1,085	1,089	1,143	1,167	1,203	1,217
EXELON7	WPPA	872	872	945	1,025	1,162	1,309	1,287	1,336	1,369	1,404	1,413	1,480	1,513	1,559	1,577
EXELON8	WPPA	872	872	945	1,025	1,162	1,309	1,287	1,336	1,369	1,404	1,413	1,480	1,513	1,559	1,577
EXELON9	WPPA	872	872	945	1,025	1,162	1,309	1,287	1,336	1,369	1,404	1,413	1,480	1,513	1,559	1,577
EXELON10	WPPA	872	872	945	1,025	1,162	1,309	1,287	1,336	1,369	1,404	1,413	1,480	1,513	1,559	1,577
EXELON11	WPPA	872	872	945	1,025	1,162	1,309	1,287	1,336	1,369	1,404	1,413	1,480	1,513	1,559	1,577
FIBERWIN	WPPA	418	5,016	5,439	5,872	6,648	7,459	7,357	7,633	7,820	8,033	8,073	8,445	8,644	8,923	9,023
FRISCO	WPPA	1,140	1,123	1,217	1,319	1,495	1,685	1,658	1,720	1,762	1,807	1,821	1,906	1,950	2,010	2,033
HIPLAINS	WPPA	659	671	725	792	899	1,015	992	1,030	1,057	1,085	1,089	1,143	1,167	1,203	1,217
MESALAND	WPPA	86	85	92	99	113	127	126	131	134	137	138	144	148	152	154
NATIONAL	WPPA	38	37	41	44	50	56	55	58	59	60	61	64	65	67	68
NOVUS1	WPPA	5,275	5,367	5,798	6,339	7,191	8,121	7,939	8,244	8,454	8,677	8,711	9,145	9,337	9,621	9,735
NOVUS2	WPPA	2,638	2,684	2,899	3,169	3,595	4,060	3,970	4,122	4,227	4,338	4,355	4,573	4,668	4,811	4,868
PRINGLE1	WPPA	654	641	695	750	851	957	944	980	1,003	1,030	1,036	1,084	1,109	1,144	1,157
PRINGLE2	WPPA	573	567	614	661	753	847	839	871	890	913	921	962	984	1,014	1,027
PANTEX	WPPA	945	944	1,022	1,108	1,256	1,416	1,392	1,445	1,480	1,519	1,527	1,600	1,636	1,686	1,706
PLSTHILL	WPPA	1,274	1,228	1,334	1,433	1,626	1,822	1,806	1,873	1,914	1,968	1,983	2,070	2,119	2,186	2,214
RALLS	WPPA	680	662	719	775	878	984	972	1,008	1,032	1,061	1,067	1,115	1,141	1,178	1,192
SUNRAY	WPPA	784	785	850	922	1,046	1,178	1,158	1,202	1,232	1,264	1,271	1,332	1,362	1,403	1,420
SUZLON	WPPA	279	273	297	320	363	408	403	419	428	439	443	463	473	488	494
WTX AM	WPPA	115	113	123	132	151	169	168	174	178	183	184	192	197	203	205
SUNEDSN1	SOLR	2,521	2,610	2,690	2,779	2,870	2,972	3,063	3,164	3,268	3,384	3,488	3,603	3,721	3,853	3,971
SUNEDSN2	SOLR	2,541	2,633	2,712	2,801	2,894	2,998	3,088	3,189	3,295	3,413	3,516	3,632	3,752	3,887	4,003

Base-VOM($000)

TRANSACTION	Desc	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
CAPROCK	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAMMOTH	WPPA	23,235	23,704	24,240	24,658	25,153	0	0	0	0	0	0	0	0	0	0
PALODURO	WPPA	29,472	30,004	30,611	31,089	29,255	0	0	0	0	0	0	0	0	0	0
ROOSEVEL	WPPA	28,438	29,005	29,670	30,171	30,781	28,822	0	0	0	0	0	0	0	0	0
SPINSPUR	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN JUAN	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEXICO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHT DEER	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WILDRADO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AEOLUS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRRUS	WPPA	9,384	9,522	9,940	10,178	10,399	10,437	10,674	10,850	0	0	0	0	0	0	0
EXELON1	WPPA	1,249	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON2	WPPA	1,249	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON3	WPPA	1,249	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON4	WPPA	9,967	10,109	1,318	0	0	0	0	0	0	0	0	0	0	0	0
EXELON5	WPPA	1,249	1,155	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON6	WPPA	1,249	1,155	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON7	WPPA	1,619	1,642	1,714	433	0	0	0	0	0	0	0	0	0	0	0
EXELON8	WPPA	1,619	1,642	1,714	283	0	0	0	0	0	0	0	0	0	0	0
EXELON9	WPPA	1,619	1,642	1,714	167	0	0	0	0	0	0	0	0	0	0	0
EXELON10	WPPA	1,619	1,642	1,714	717	0	0	0	0	0	0	0	0	0	0	0
EXELON11	WPPA	1,619	1,642	1,714	579	0	0	0	0	0	0	0	0	0	0	0
FIBERWIN	WPPA	9,261	9,395	9,803	10,049	10,262	10,289	10,519	10,695	10,904	11,117	10,331	0	0	0	0
FRISCO	WPPA	2,084	2,114	2,207	2,259	2,308	2,319	2,371	240	0	0	0	0	0	0	0
HIPLAINS	WPPA	1,249	1,267	1,323	54	0	0	0	0	0	0	0	0	0	0	0
MESALAND	WPPA	158	160	167	171	0	0	0	0	0	0	0	0	0	0	0
NATIONAL	WPPA	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOVUS1	WPPA	9,992	10,135	10,581	10,818	11,058	11,134	11,385	9,371	0	0	0	0	0	0	0
NOVUS2	WPPA	4,996	5,067	5,290	5,409	5,529	5,567	5,693	5,277	0	0	0	0	0	0	0
PRINGLE1	WPPA	1,186	1,204	1,256	1,287	1,314	926	0	0	0	0	0	0	0	0	0
PRINGLE2	WPPA	1,051	1,067	1,113	1,139	1,164	947	0	0	0	0	0	0	0	0	0
PANTEX	WPPA	1,750	1,776	1,853	1,897	1,938	1,947	1,991	2,024	2,064	1,066	0	0	0	0	0
PLSTHILL	WPPA	2,268	2,301	2,400	2,460	2,514	2,518	2,575	2,618	2,669	1,756	0	0	0	0	0
RALLS	WPPA	1,223	1,241	1,294	1,327	1,355	1,358	875	0	0	0	0	0	0	0	0
SUNRAY	WPPA	1,457	1,478	1,542	1,579	1,095	0	0	0	0	0	0	0	0	0	0
SUZLON	WPPA	506	514	535	549	561	563	555	0	0	0	0	0	0	0	0
WTX AM	WPPA	210	213	223	228	233	234	239	243	243	0	0	0	0	0	0
SUNEDSN1	SOLR	4,102	3,421	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN2	SOLR	4,136	3,190	0	0	0	0	0	0	0	0	0	0	0	0	0

Base-VOM($000)

TRANSACTION	Desc	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
CAPROCK	WPPA	0	0	0	0	0	0	0	0	0	0
MAMMOTH	WPPA	0	0	0	0	0	0	0	0	0	0
PALODURO	WPPA	0	0	0	0	0	0	0	0	0	0
ROOSEVEL	WPPA	0	0	0	0	0	0	0	0	0	0
SPINSPUR	WPPA	0	0	0	0	0	0	0	0	0	0
SAN JUAN	WPPA	0	0	0	0	0	0	0	0	0	0
TEXICO	WPPA	0	0	0	0	0	0	0	0	0	0
WHT DEER	WPPA	0	0	0	0	0	0	0	0	0	0
WILDRADO	WPPA	0	0	0	0	0	0	0	0	0	0
AEOLUS	WPPA	0	0	0	0	0	0	0	0	0	0
CIRRUS	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON1	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON2	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON3	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON4	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON5	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON6	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON7	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON8	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON9	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON10	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON11	WPPA	0	0	0	0	0	0	0	0	0	0
FIBERWIN	WPPA	0	0	0	0	0	0	0	0	0	0
FRISCO	WPPA	0	0	0	0	0	0	0	0	0	0
HIPLAINS	WPPA	0	0	0	0	0	0	0	0	0	0
MESALAND	WPPA	0	0	0	0	0	0	0	0	0	0
NATIONAL	WPPA	0	0	0	0	0	0	0	0	0	0
NOVUS1	WPPA	0	0	0	0	0	0	0	0	0	0
NOVUS2	WPPA	0	0	0	0	0	0	0	0	0	0
PRINGLE1	WPPA	0	0	0	0	0	0	0	0	0	0
PRINGLE2	WPPA	0	0	0	0	0	0	0	0	0	0
PANTEX	WPPA	0	0	0	0	0	0	0	0	0	0
PLSTHILL	WPPA	0	0	0	0	0	0	0	0	0	0
RALLS	WPPA	0	0	0	0	0	0	0	0	0	0
SUNRAY	WPPA	0	0	0	0	0	0	0	0	0	0
SUZLON	WPPA	0	0	0	0	0	0	0	0	0	0
WTX AM	WPPA	0	0	0	0	0	0	0	0	0	0
SUNEDSN1	SOLR	0	0	0	0	0	0	0	0	0	0
SUNEDSN2	SOLR	0	0	0	0	0	0	0	0	0	0

Base-VOM($000)

		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
SUNEDSN3	SOLR	2,558	2,649	2,730	2,820	2,913	3,017	3,108	3,211	3,317	3,435	3,539	3,656	3,777	3,911	4,030
SUNEDSN4	SOLR	2,638	2,732	2,815	2,908	3,004	3,111	3,206	3,312	3,421	3,543	3,650	3,771	3,895	4,034	4,157
SUNEDSN5	SOLR	2,514	2,604	2,683	2,771	2,863	2,965	3,055	3,156	3,260	3,376	3,478	3,593	3,712	3,844	3,961
NM SOLAR	SOLR	0	361	1,111	2,157	2,740	6,186	7,172	8,226	9,187	10,369	11,407	12,521	13,690	15,117	16,367
DG	SOLR	0	0	0	72	111	267	313	362	414	469	525	584	647	715	782
NM WIND	WPPA	0	0	0	0	0	0	0	0	0	0	0	16,807	20,124	24,139	27,984
TX WIND	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	53,683	135,586	139,084

Base-VOM($000)

		2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
SUNEDSN3	SOLR	4,163	4,075	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN4	SOLR	4,294	4,216	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN5	SOLR	4,092	3,471	0	0	0	0	0	0	0	0	0	0	0	0	0
NM SOLAR	SOLR	17,715	19,306	20,839	21,374	21,976	22,597	23,289	23,889	24,562	25,256	26,030	26,700	27,453	28,228	29,092
DG	SOLR	854	930	1,012	1,093	1,180	1,270	1,369	1,465	1,569	1,678	1,796	1,910	2,035	2,164	2,305
NM WIND	WPPA	31,862	36,185	41,095	45,614	50,025	54,648	59,676	64,577	69,887	75,454	81,511	87,364	93,733	100,396	107,671
TX WIND	WPPA	142,995	147,034	151,522	155,447	159,821	164,323	169,366	173,739	178,627	183,670	189,274	194,167	199,647	205,281	211,553

Base-VOM($000)

		2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
SUNEDSN3	SOLR	0	0	0	0	0	0	0	0	0	0
SUNEDSN4	SOLR	0	0	0	0	0	0	0	0	0	0
SUNEDSN5	SOLR	0	0	0	0	0	0	0	0	0	0
NM SOLAR	SOLR	29,843	30,685	31,550	32,516	33,355	34,294	35,262	36,343	37,278	38,330
DG	SOLR	2,440	2,588	2,741	2,909	3,069	3,243	3,424	3,622	3,811	4,016
NM WIND	WPPA	114,625	122,223	130,165	138,849	147,100	156,127	165,543	175,881	185,612	196,299
TX WIND	WPPA	217,013	223,136	229,440	236,437	242,561	249,404	256,428	264,261	271,093	278,734

Base-Fuel Burn

THERMAL UNIT	Unit	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
HARRING 1	COAL	22,020	19,284	21,551	22,138	18,543	22,356	22,092	19,922	22,022	22,160	20,226	22,526	22,410	19,775
HARRING 2	COAL	20,954	20,734	19,203	21,205	21,575	19,456	21,212	21,073	18,882	21,461	21,628	19,764	21,808	21,788
HARRING 3	COAL	17,899	22,155	21,878	20,252	22,503	22,577	20,338	22,308	22,354	18,642	22,473	22,737	19,623	22,687
TOLK 1	COAL	30,299	36,051	36,860	33,546	37,040	37,326	32,630	36,705	36,949	33,204	37,582	38,136	33,350	37,868
TOLK 2	COAL	36,645	36,739	34,886	37,098	37,219	34,255	37,499	37,219	33,228	37,725	37,828	34,605	38,129	38,078
CUNNING 1	G_ST	145	124	150	206	0	0	0	0	0	0	0	0	0	0
CUNNING 2	G_ST	4,959	7,049	7,349	6,895	9,188	9,441	7,969	8,725	9,091	4,972	0	0	0	0
JONES 1	G_ST	728	551	644	902	1,224	1,411	1,588	1,550	1,907	1,907	1,227	1,071	898	899
JONES 2	G_ST	1,300	910	974	1,373	1,763	2,165	2,046	2,381	2,830	2,605	1,813	1,662	1,257	1,318
MADDOX 1	G_ST	945	683	1,074	1,335	1,898	2,048	2,080	1,847	2,265	1,979	1,403	1,403	1,283	0
NICHOLS 1	G_ST	1,920	1,361	1,229	2,114	2,901	3,127	3,235	0	0	0	0	0	0	0
NICHOLS 2	G_ST	437	429	637	922	1,203	1,315	1,599	1,488	0	0	0	0	0	0
NICHOLS 3	G_ST	2,185	2,255	2,450	3,677	5,112	4,938	5,728	5,548	5,591	3,838	3,542	3,487	2,808	2,012
PLANT X 1	G_ST	45	43	46	62	0	0	0	0	0	0	0	0	0	0
PLANT X 2	G_ST	143	127	145	198	276	0	0	0	0	0	0	0	0	0
PLANT X 3	G_ST	2,496	1,779	1,645	1,266	2,720	2,489	2,182	2,811	2,969	0	0	0	0	0
PLANT X 4	G_ST	7,423	4,579	4,205	5,381	5,998	7,230	7,652	6,028	6,814	5,033	4,209	4,696	0	0
COOKSTM 1	G_ST	41	39	42	58	41	0	0	0	0	0	0	0	0	0
COOKSTM 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOBBS 1	G_CC	17,565	15,904	17,418	17,359	18,220	18,334	18,450	17,120	18,323	14,570	11,937	12,058	8,597	6,574
BLKHAWK 1	G_CC	5,590	5,114	5,569	5,506	5,599	5,242	5,653	5,526	5,653	5,217	5,572	5,476	5,538	5,107
BLKHAWK 2	G_CC	5,784	5,832	5,372	5,923	5,814	5,994	5,466	5,907	5,813	5,902	5,329	5,802	5,564	5,620
CALP 200	G_CC	1,964	2,782	4,184	5,437	0	0	0	0	0	0	0	0	0	0
CALP 400	G_CC	4,291	5,124	5,779	4,868	10	0	0	0	0	0	0	0	0	0
CUNNING 3	G_CT	18	18	19	28	38	55	44	39	53	30	29	26	27	32
CUNNING 4	G_CT	25	25	28	38	54	75	60	53	64	64	39	36	35	38
JONES 3	G_CT	75	73	78	107	169	201	148	127	164	163	96	88	80	95
JONES 4	G_CT	124	118	126	173	292	338	242	207	273	263	157	145	126	145
CRLSBD 1	G_CT	2	2	2	3	4	6	5	4	6	6	0	0	0	0
MADDOX 2	G_CT	18	18	20	27	40	33	17	17	24	25	0	0	0	0
MADDOX 3	G_CT	2	2	2	3	4	6	5	4	6	6	0	0	0	0
COOK_GT 2	G_CT	0	6	4	6	4	0	0	0	0	0	0	0	0	0
COOK_GT 3	G_CT	4	4	4	5	3	0	0	0	0	0	0	0	0	0
SD_RCH 1	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORION 1	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
QUAYCTY 1	OIL_	4	4	4	5	7	11	9	7	10	11	6	6	6	8
BIOMASS 1	BIO_	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Base-Fuel Burn

THERMAL UNIT	Unit	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
HARRING 1	COAL	22,407	22,695	20,016	22,779	22,715	20,067	22,897	0	0	0	0	0	0	0	0	0
HARRING 2	COAL	19,656	22,235	22,236	20,140	22,351	22,420	20,462	22,813	22,749	0	0	0	0	0	0	0
HARRING 3	COAL	22,594	19,686	22,806	22,900	19,712	22,847	22,875	19,808	22,875	22,875	22,875	0	0	0	0	0
TOLK 1	COAL	37,897	34,044	38,656	38,907	34,336	39,022	39,298	34,839	39,345	39,345	34,730	39,455	39,345	0	0	0
TOLK 2	COAL	34,398	38,634	38,682	35,099	38,810	38,891	35,245	39,190	39,081	35,261	39,081	39,190	35,261	39,081	39,081	39,190
CUNNING 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNNING 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JONES 1	G_ST	938	1,115	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JONES 2	G_ST	1,389	1,625	1,249	1,608	2,075	0	0	0	0	0	0	0	0	0	0	0
MADDOX 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NICHOLS 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NICHOLS 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NICHOLS 3	G_ST	2,506	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANT X 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANT X 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANT X 3	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANT X 4	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COOKSTM 1	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COOKSTM 2	G_ST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOBBS 1	G_CC	7,618	6,533	5,186	6,229	5,570	0	0	0	0	0	0	0	0	0	0	0
BLKHAWK 1	G_CC	5,533	5,418	5,501	5,099	5,531	2,632	0	0	0	0	0	0	0	0	0	0
BLKHAWK 2	G_CC	5,213	5,648	5,477	5,582	5,211	2,781	0	0	0	0	0	0	0	0	0	0
CALP 200	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALP 400	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNNING 3	G_CT	29	33	50	50	50	28	30	18	19	13	15	0	0	0	0	0
CUNNING 4	G_CT	40	44	65	64	56	46	40	24	25	17	20	0	0	0	0	0
JONES 3	G_CT	94	110	152	151	146	113	95	61	59	41	45	23	19	15	14	13
JONES 4	G_CT	147	177	230	229	230	170	150	103	91	67	69	36	30	24	21	20
CRLSBD 1	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MADDOX 2	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MADDOX 3	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COOK_GT 2	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COOK_GT 3	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD_RCH 1	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORION 1	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
QUAYCTY 1	OIL_	7	8	12	13	13	0	0	0	0	0	0	0	0	0	0	0
BIOMASS 1	BIO_	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Base-Fuel Burn

THERMAL UNIT	Unit	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
HARRING 1	COAL	0	0	0	0	0	0	0	0	0	0
HARRING 2	COAL	0	0	0	0	0	0	0	0	0	0
HARRING 3	COAL	0	0	0	0	0	0	0	0	0	0
TOLK 1	COAL	0	0	0	0	0	0	0	0	0	0
TOLK 2	COAL	0	0	0	0	0	0	0	0	0	0
CUNNING 1	G_ST	0	0	0	0	0	0	0	0	0	0
CUNNING 2	G_ST	0	0	0	0	0	0	0	0	0	0
JONES 1	G_ST	0	0	0	0	0	0	0	0	0	0
JONES 2	G_ST	0	0	0	0	0	0	0	0	0	0
MADDOX 1	G_ST	0	0	0	0	0	0	0	0	0	0
NICHOLS 1	G_ST	0	0	0	0	0	0	0	0	0	0
NICHOLS 2	G_ST	0	0	0	0	0	0	0	0	0	0
NICHOLS 3	G_ST	0	0	0	0	0	0	0	0	0	0
PLANT X 1	G_ST	0	0	0	0	0	0	0	0	0	0
PLANT X 2	G_ST	0	0	0	0	0	0	0	0	0	0
PLANT X 3	G_ST	0	0	0	0	0	0	0	0	0	0
PLANT X 4	G_ST	0	0	0	0	0	0	0	0	0	0
COOKSTM 1	G_ST	0	0	0	0	0	0	0	0	0	0
COOKSTM 2	G_ST	0	0	0	0	0	0	0	0	0	0
HOBBS 1	G_CC	0	0	0	0	0	0	0	0	0	0
BLKHAWK 1	G_CC	0	0	0	0	0	0	0	0	0	0
BLKHAWK 2	G_CC	0	0	0	0	0	0	0	0	0	0
CALP 200	G_CC	0	0	0	0	0	0	0	0	0	0
CALP 400	G_CC	0	0	0	0	0	0	0	0	0	0
CUNNING 3	G_CT	0	0	0	0	0	0	0	0	0	0
CUNNING 4	G_CT	0	0	0	0	0	0	0	0	0	0
JONES 3	G_CT	10	3	4	23	21	26	31	29	26	28
JONES 4	G_CT	15	4	6	30	27	34	40	37	34	35
CRLSBD 1	G_CT	0	0	0	0	0	0	0	0	0	0
MADDOX 2	G_CT	0	0	0	0	0	0	0	0	0	0
MADDOX 3	G_CT	0	0	0	0	0	0	0	0	0	0
COOK_GT 2	G_CT	0	0	0	0	0	0	0	0	0	0
COOK_GT 3	G_CT	0	0	0	0	0	0	0	0	0	0
SD_RCH 1	G_CT	0	0	0	0	0	0	0	0	0	0
ORION 1	G_CT	0	0	0	0	0	0	0	0	0	0
QUAYCTY 1	OIL_	0	0	0	0	0	0	0	0	0	0
BIOMASS 1	BIO_	0	0	0	0	0	0	0	0	0	0

Base-Fuel Burn

			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
PPA_CT	579	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	580	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	581	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	582	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	583	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	584	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	585	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	586	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	587	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	588	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	589	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	590	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	591	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	592	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	593	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	594	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	595	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	596	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	597	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	17,438	24,679
PPA_CC	598	G_CC	0	0	0	0	0	0	0	0	0	17,961	28,376	29,403	23,548	20,729
GAINCT	599	X__1	0	0	0	0	0	0	1,105	1,344	1,795	1,945	1,043	980	821	839
GAINCT	600	X__1	0	0	0	0	0	589	172	0	0	0	0	0	0	0

Base-Fuel Burn

			2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
PPA_CT	579	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	580	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	581	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	582	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CC	583	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PPA_CT	584	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	711
PPA_CT	585	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	593	657
PPA_CC	586	G_CC	0	0	0	0	0	0	0	0	0	0	0	0	0	22,813	35,914	36,443
PPA_CT	587	G_CT	0	0	0	0	0	0	0	0	0	0	0	0	678	930	565	505
PPA_CC	588	G_CC	0	0	0	0	0	0	0	0	0	0	0	22,552	35,565	35,682	35,104	35,649
PPA_CT	589	G_CT	0	0	0	0	0	0	0	0	0	965	1,381	1,033	695	667	393	293
PPA_CT	590	G_CT	0	0	0	0	0	0	0	0	0	719	1,014	706	460	363	210	188
PPA_CT	591	G_CT	0	0	0	0	0	0	0	0	0	439	587	377	233	206	139	125
PPA_CC	592	G_CC	0	0	0	0	0	0	0	20,324	32,038	34,825	35,836	35,144	34,285	34,829	33,827	34,403
PPA_CC	593	G_CC	0	0	0	0	0	16,799	30,865	31,773	30,022	32,992	34,019	33,425	32,811	33,236	32,308	32,887
PPA_CC	594	G_CC	0	0	0	0	0	15,551	28,025	29,425	27,328	31,170	32,431	31,578	31,029	31,585	30,700	31,175
PPA_CT	595	G_CT	0	0	0	635	1,083	1,089	908	796	556	445	346	210	154	128	91	85
PPA_CC	596	G_CC	0	17,485	26,070	28,111	29,069	23,917	25,341	27,205	24,691	28,409	30,056	29,561	28,796	29,799	28,414	29,303
PPA_CC	597	G_CC	26,516	25,252	22,477	24,258	25,637	20,266	22,064	23,736	22,187	26,886	27,520	26,566	26,396	26,871	26,381	27,088
PPA_CC	598	G_CC	21,712	20,904	18,253	20,569	21,864	16,212	18,794	20,574	19,098	23,817	24,127	23,503	23,253	24,252	23,668	24,393
GAINCT	599	X__1	904	1,092	1,187	1,298	1,412	1,326	1,071	918	652	482	377	213	163	134	105	97
GAINCT	600	X__1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Base-Fuel Burn

			2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
PPA_CT	579	G_CT	0	0	0	0	0	0	0	0	0	830
PPA_CT	580	G_CT	0	0	0	0	0	0	0	0	734	881
PPA_CT	581	G_CT	0	0	0	0	0	0	0	693	746	650
PPA_CC	582	G_CC	0	22,347	35,279	35,630	35,530	35,382	35,765	36,221	36,565	37,001
PPA_CC	583	G_CC	23,712	35,055	34,461	34,960	34,679	34,724	35,065	35,442	35,667	35,955
PPA_CT	584	G_CT	1,050	353	320	603	536	586	688	650	544	478
PPA_CT	585	G_CT	738	246	234	464	407	466	544	465	400	333
PPA_CC	586	G_CC	37,229	34,318	33,676	34,174	33,782	33,771	34,176	34,566	34,956	35,267
PPA_CT	587	G_CT	434	137	142	315	275	323	376	347	277	255
PPA_CC	588	G_CC	36,076	33,261	32,734	33,057	32,623	32,691	33,136	33,667	33,967	34,334
PPA_CT	589	G_CT	252	77	85	214	184	216	251	233	206	193
PPA_CT	590	G_CT	159	48	55	156	139	160	188	176	155	149
PPA_CT	591	G_CT	103	30	36	114	102	121	141	132	119	116
PPA_CC	592	G_CC	34,743	31,980	31,517	31,921	31,425	31,426	31,941	32,501	32,737	33,175
PPA_CC	593	G_CC	33,709	30,615	30,100	30,405	30,010	30,034	30,583	31,010	31,576	32,036
PPA_CC	594	G_CC	32,299	29,006	28,295	28,572	28,231	28,351	28,953	29,292	29,985	30,548
PPA_CT	595	G_CT	66	19	25	86	76	92	108	101	91	91
PPA_CC	596	G_CC	30,401	26,737	25,662	26,639	26,129	26,356	27,028	27,117	27,768	28,399
PPA_CC	597	G_CC	28,329	24,646	23,762	24,111	24,460	23,884	24,506	25,551	26,180	26,814
PPA_CC	598	G_CC	25,589	22,356	21,447	22,375	22,169	22,001	22,524	23,083	23,734	24,299
GAINCT	599	X__1	75	21	31	115	105	127	150	139	126	128
GAINCT	600	X__1	0	0	0	0	0	0	0	0	0	0

Base-Fuel Burn

TRANSACTION	Desc	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
CAPROCK	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAMMOTH	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PALODURO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROOSEVEL	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPINSPUR	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN JUAN	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEXICO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHT DEER	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WILDRADO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AEOLUS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRRUS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON1	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON2	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON3	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON4	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON5	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON6	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON7	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON8	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON9	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON10	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON11	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FIBERWIN	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRISCO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIPLAINS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MESALAND	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NATIONAL	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOVUS1	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOVUS2	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRINGLE1	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRINGLE2	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PANTEX	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLSTHILL	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RALLS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNRAY	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUZLON	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WTX AM	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Base-Fuel Burn

TRANSACTION	Desc	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
CAPROCK	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAMMOTH	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PALODURO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROOSEVEL	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPINSPUR	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN JUAN	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEXICO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHT DEER	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WILDRADO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AEOLUS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRRUS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON1	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON2	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON3	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON4	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON5	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON6	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON7	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON8	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON9	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON10	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXELON11	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FIBERWIN	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRISCO	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIPLAINS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MESALAND	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NATIONAL	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOVUS1	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOVUS2	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRINGLE1	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRINGLE2	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PANTEX	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLSTHILL	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RALLS	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNRAY	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUZLON	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WTX AM	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Base-Fuel Burn

TRANSACTION	Desc	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
CAPROCK	WPPA	0	0	0	0	0	0	0	0	0	0
MAMMOTH	WPPA	0	0	0	0	0	0	0	0	0	0
PALODURO	WPPA	0	0	0	0	0	0	0	0	0	0
ROOSEVEL	WPPA	0	0	0	0	0	0	0	0	0	0
SPINSPUR	WPPA	0	0	0	0	0	0	0	0	0	0
SAN JUAN	WPPA	0	0	0	0	0	0	0	0	0	0
TEXICO	WPPA	0	0	0	0	0	0	0	0	0	0
WHT DEER	WPPA	0	0	0	0	0	0	0	0	0	0
WILDRADO	WPPA	0	0	0	0	0	0	0	0	0	0
AEOLUS	WPPA	0	0	0	0	0	0	0	0	0	0
CIRRUS	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON1	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON2	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON3	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON4	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON5	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON6	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON7	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON8	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON9	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON10	WPPA	0	0	0	0	0	0	0	0	0	0
EXELON11	WPPA	0	0	0	0	0	0	0	0	0	0
FIBERWIN	WPPA	0	0	0	0	0	0	0	0	0	0
FRISCO	WPPA	0	0	0	0	0	0	0	0	0	0
HIPLAINS	WPPA	0	0	0	0	0	0	0	0	0	0
MESALAND	WPPA	0	0	0	0	0	0	0	0	0	0
NATIONAL	WPPA	0	0	0	0	0	0	0	0	0	0
NOVUS1	WPPA	0	0	0	0	0	0	0	0	0	0
NOVUS2	WPPA	0	0	0	0	0	0	0	0	0	0
PRINGLE1	WPPA	0	0	0	0	0	0	0	0	0	0
PRINGLE2	WPPA	0	0	0	0	0	0	0	0	0	0
PANTEX	WPPA	0	0	0	0	0	0	0	0	0	0
PLSTHILL	WPPA	0	0	0	0	0	0	0	0	0	0
RALLS	WPPA	0	0	0	0	0	0	0	0	0	0
SUNRAY	WPPA	0	0	0	0	0	0	0	0	0	0
SUZLON	WPPA	0	0	0	0	0	0	0	0	0	0
WTX AM	WPPA	0	0	0	0	0	0	0	0	0	0

Base-Fuel Burn

		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
SUNEDSN1	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN2	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN3	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN4	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN5	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NM SOLAR	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DG	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NM WIND	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TX WIND	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Base-Fuel Burn

		2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
SUNEDSN1	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN2	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN3	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN4	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNEDSN5	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NM SOLAR	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DG	SOLR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NM WIND	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TX WIND	WPPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Base-Fuel Burn

		2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
SUNEDSN1	SOLR	0	0	0	0	0	0	0	0	0	0
SUNEDSN2	SOLR	0	0	0	0	0	0	0	0	0	0
SUNEDSN3	SOLR	0	0	0	0	0	0	0	0	0	0
SUNEDSN4	SOLR	0	0	0	0	0	0	0	0	0	0
SUNEDSN5	SOLR	0	0	0	0	0	0	0	0	0	0
NM SOLAR	SOLR	0	0	0	0	0	0	0	0	0	0
DG	SOLR	0	0	0	0	0	0	0	0	0	0
NM WIND	WPPA	0	0	0	0	0	0	0	0	0	0
TX WIND	WPPA	0	0	0	0	0	0	0	0	0	0