

NOTES:

1. Year 2032 is the End-Year and should not be used for analysis.

	2010	2015	2020	2025	2032
1. Reserve Margin Capacity WINTER [MW]	897475.	879219.	934144.	996400.	1094724.
Plus Firm Purchases [MW]	0.	0.	0.	0.	0.
Plus Transmission In WINTER [MW]	16617.	14139.	10467.	15690.	13637.
Total R.M. Capacity WINTER [MW]	914092.	893359.	944611.	1012089.	1108361.
2. Peak Load WINTER [MW]	684704.	672867.	717513.	765009.	841065.
Less DSM [MW]	0.	0.	0.	0.	0.
Plus Firm Sales [MW]	0.	0.	0.	0.	0.
Plus Transmission Out WINTER [MW]	16956.	14428.	10680.	16010.	13915.
Net Demand WINTER [MW]	701660.	687294.	728193.	781019.	854980.
3. Reserve Margin WINTER [%]	31.	31.	30.	30.	30.
1. Reserve Margin Capacity SUMMER [MW]	897475.	879219.	934144.	996400.	1094724.
Plus Firm Purchases [MW]	0.	0.	0.	0.	0.
Plus Transmission In SUMMER [MW]	59991.	61383.	54609.	57858.	55267.
Total R.M. Capacity SUMMER [MW]	957465.	940602.	988753.	1054257.	1149991.
2. Peak Load SUMMER [MW]	777559.	762869.	812846.	866774.	953926.
Less DSM [MW]	0.	0.	0.	0.	0.
Plus Firm Sales [MW]	0.	0.	0.	0.	0.
Plus Transmission Out SUMMER [MW]	61215.	62635.	55724.	59039.	56395.
Net Demand SUMMER [MW]	838773.	825504.	868570.	925812.	1010321.
3. Reserve Margin SUMMER [%]	15.	15.	15.	15.	15.
4. Generation [GWh]	4290501.	4215172.	4484949.	4755305.	5202649.
Inter-Region Transmission [GWh]	-13914.	-10068.	-8640.	-8799.	-9249.
Pumping & Storage Losses [GWh]	23655.	13602.	9934.	7314.	11384.
Plus Purchases [GWh]	0.	0.	0.	0.	0.
Less Sales [GWh]	0.	0.	0.	0.	0.
5. Total Supply for Demand [GWh]	4252932.	4191501.	4466375.	4739192.	5182016.
6. Projected Demand [GWh]	4252932.	4191501.	4466375.	4739192.	5182016.
Energy Not Served [GWh]	0.	0.	0.	0.	0.
Less DSM [GWh]	0.	0.	0.	0.	0.
Net Demand [GWh]	4252932.	4191501.	4466375.	4739192.	5182016.
7. Dumped Energy [GWh]	0.	0.	0.	0.	0.
8. Total Supply for Demand [GWh]	4252932.	4191501.	4466375.	4739192.	5182016.
Less T&D Losses [GWh]	327624.	322892.	344067.	365084.	399196.
9. Total Sales [GWh]	3925307.	3868609.	4122308.	4374108.	4782820.
Capacity Avoided Costs [US\$/kW]	2010	2015	2020	2025	2032
WINTER	0.00	0.00	0.00	0.00	0.00
SUMMER	7.85	12.27	27.80	17.48	24.71

10. Capacity by Plant Type [MW]	2010	2015	2020	2025	2032
New Scrubbed-Dry Coal_SCR_ACI 01	0.	0.	0.	0.	0.
New Scrubbed-Wet Coal_SCR 02	0.	0.	0.	0.	0.
New Comb.Cycle 03	0.	0.	2085.	5533.	22041.
New Comb.Cycle w/Seq 04	0.	0.	0.	0.	0.
New Combustion Turbine 05	0.	0.	0.	0.	0.
New Nuclear 06	0.	4000.	24000.	44000.	64000.
New Biomass 07	0.	0.	2809.	21928.	52159.
New Fuel Cell 08	0.	0.	0.	0.	0.
New Geothermal 09	0.	1123.	2223.	3364.	3859.
New IGCC 10	0.	0.	0.	0.	0.
New IGCC w/Seq 11	0.	5000.	10047.	80047.	178047.
New Landfill Gas 12	559.	1235.	2832.	5054.	5054.
New Solar 13	0.	0.	0.	0.	0.
New Wind 14	129.	5136.	22855.	30928.	30928.
Scrubbed-Wet Coal_SCR 15	75375.	74667.	73712.	68033.	36989.
Scrubbed-Wet Coal_SNCR 16	5634.	5055.	5055.	4060.	3178.
Scrubbed-Wet Coal 17	47153.	41455.	33378.	17594.	4608.
Scrubbed-Dry Coal_SCR 18	3761.	3761.	3761.	2758.	1184.
Scrubbed-Dry Coal_SNCR 19	253.	63.	0.	0.	0.
Scrubbed-Dry Coal 20	10238.	9831.	9699.	3420.	997.
Unscrubbed Coal_SCR 21	23331.	19620.	19189.	16791.	10927.
Unscrubbed Coal_SNCR 22	5627.	4851.	4267.	2065.	771.
Unscrubbed Coal 23	107638.	83631.	78382.	54432.	18880.
FB-Unscrubbed Coal 24	3284.	2525.	2495.	1036.	253.
FB-Unscrubbed Coal_SNCR 25	2324.	2244.	2244.	2135.	1790.
FB-Scrubbed-Dry Coal 26	50.	50.	50.	0.	0.
Oil/Gas Steam 27	23836.	14673.	12373.	8363.	7893.
Oil/Gas Steam_SCR 28	4874.	2308.	1296.	1296.	1296.
Oil/Gas Steam_SNCR 29	721.	721.	721.	721.	721.
Nuclear 30	100942.	101816.	102756.	102756.	96260.
Hydro 31	78225.	78266.	78266.	78266.	78266.
Comb.Cycle 32	146560.	146560.	145343.	143822.	143822.
IGCC 33	1115.	860.	860.	775.	600.
Combustion Turbine 34	130730.	130730.	130730.	130730.	130730.
Biomass 35	1520.	1520.	1520.	1520.	1520.
Geothermal 36	2296.	2371.	2371.	2371.	2371.
Landfill Gas 37	1061.	1086.	1086.	1086.	1086.
Wind 38	16191.	17051.	17051.	17051.	17051.
Fuel Cell 39	2.	2.	2.	2.	2.
Solar 40	531.	614.	713.	824.	933.
Non Fossil_Other 41	2016.	2016.	2016.	2016.	2016.
Fossil_Other 42	161.	161.	161.	161.	161.
Pump Storage 43	20494.	20494.	20494.	20494.	20494.
Int. Imports 44	5550.	5550.	5550.	5550.	5550.
Cgn_CT 45	5202.	5202.	5202.	5202.	5202.
Cgn_CC 46	38108.	38108.	38108.	36870.	36870.
Cgn_Oil/Gas Steam 47	223.	130.	130.	67.	67.
Cgn_Biomass 48	795.	795.	795.	795.	795.
Cgn_Fossil_Other 49	342.	342.	342.	342.	342.
Cgn_NonFossil_Other 50	725.	725.	725.	725.	725.
Rep.Coal-CC 51	140.	5763.	32253.	41368.	72999.
Rep.Coal-CC w/Seq 52	0.	0.	0.	0.	0.
Rep.O/G-CC 53	31281.	33824.	41354.	41617.	42916.
Rep.O/G-CC w/Seq 54	0.	0.	0.	0.	0.
Rep.Coal-IGCC 55	0.	0.	0.	0.	0.
Rep.Coal-IGCC w/Seq 56	0.	0.	0.	0.	0.
Ret.DryScrubber 57	1221.	5582.	5582.	5582.	5582.
Ret.WetScrubber 58	0.	1739.	1739.	1739.	1739.
Ret.ExistSCR & DryScrub 59	96.	407.	407.	407.	407.
Ret.ExistSCR & WetScrub 60	3582.	5202.	5202.	5202.	5202.
Ret.ExistSNCR & DryScrub 61	0.	0.	0.	0.	0.
Ret.ExistSNCR & WetScrub 62	0.	124.	124.	124.	124.
Ret.SCR 63	6645.	4750.	4750.	4750.	4750.
Ret.ExistDryScrub & SCR 64	0.	0.	0.	0.	0.
Ret.ExistWetScrub & SCR 65	6161.	6161.	6161.	6161.	6161.
Ret.SNCR 66	94.	0.	0.	0.	0.
Ret.ExistDryScrub & SNCR 67	0.	0.	0.	0.	0.
Ret.ExistWetScrub & SNCR 68	0.	0.	0.	0.	0.
Ret.FB-SNCR 69	0.	0.	0.	0.	0.
Ret.SCR+DryScrub 70	579.	1566.	1566.	1566.	1566.
Ret.SCR+WetScrub 71	926.	1419.	1419.	1419.	1419.
Ret.SNCR+DryScrub 72	0.	0.	0.	0.	0.
Ret.SNCR+WetScrub 73	0.	0.	0.	0.	0.
Ret.ACI 74	1207.	1207.	1207.	1207.	1207.
Ret.ExistDryScrub&ACI 75	1000.	1000.	1000.	1000.	1000.
Ret.ExistWetScrub&ACI 76	44.	44.	44.	44.	44.
Ret.ExistSCR&ACI 77	573.	573.	573.	573.	573.
Ret.ExistSNCR&ACI 78	392.	392.	392.	392.	392.
Ret.ACI & SCR 79	0.	400.	400.	400.	400.
Ret.ExistDryScrub&ACI&SCR 80	256.	256.	256.	256.	256.
Ret.ExistWetScrub&ACI&SCR 81	0.	0.	0.	0.	0.
Ret.ACI & SNCR 82	0.	94.	94.	94.	94.
Ret.ExistDryScrub&ACI&SNCR 83	0.	0.	0.	0.	0.

Ret.ExistWetScrub&ACI&SNCR	84	0.	0.	0.	0.	0.
Ret.ACI & DryScrub	85	25.	25.	25.	25.	25.
Ret.ACI & WetScrub	86	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI&DryScrub	87	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI&WetScrub	88	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&DryScrub	89	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&WetScrub	90	0.	0.	0.	0.	0.
Ret.ExistSNCR&ExistDScrub&ACI	91	0.	0.	0.	0.	0.
Ret.ExistSNCR&ExistWScrub&ACI	92	0.	0.	0.	0.	0.
Ret.ExistSCR&ExistDScrub&ACI	93	1540.	1540.	1540.	1540.	1540.
Ret.ExistSCR&ExistWScrub&ACI	94	1700.	1700.	1700.	1700.	1700.
Ret.SCR & DryScrub & ACI	95	37.	37.	37.	37.	37.
Ret.SCR & WetScrub & ACI	96	0.	0.	0.	0.	0.
Ret.SNCR & DryScrub & ACI	97	0.	0.	0.	0.	0.
Ret.SNCR & WetScrub & ACI	98	0.	0.	0.	0.	0.
Ret.O/G SCR	99	147.	147.	147.	147.	147.
Ret.O/G SNCR	100	380.	380.	380.	380.	380.
CT Early Retirement	101	1429.	1429.	1429.	1429.	1429.
CC Early Retirement	102	2890.	2890.	4107.	6867.	6867.
O/G Early Retirement	103	77981.	88887.	89485.	93463.	93463.
Coal Early Retirement	104	9718.	36498.	42766.	99567.	181448.
Nuke Early Retirement	105	0.	0.	0.	0.	0.
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Total		1017621.	1040384.	1113833.	1244038.	1424303.

11. Capacity Additions and Changes  
by Plant Type [MW]

by Plant Type [MW]		2010	2015	2020	2025	2032
New Scrubbed-Dry Coal_SCR_ACI	01	0.	0.	0.	0.	0.
New Scrubbed-Wet Coal_SCR	02	0.	0.	0.	0.	0.
New Comb.Cycle	03	0.	0.	2085.	3447.	16509.
New Comb.Cycle w/Seq	04	0.	0.	0.	0.	0.
New Combustion Turbine	05	0.	0.	0.	0.	0.
New Nuclear	06	0.	4000.	20000.	20000.	20000.
New Biomass	07	0.	0.	2809.	19119.	30231.
New Fuel Cell	08	0.	0.	0.	0.	0.
New Geothermal	09	0.	1123.	1100.	1141.	495.
New IGCC	10	0.	0.	0.	0.	0.
New IGCC w/Seq	11	0.	5000.	5047.	70000.	98000.
New Landfill Gas	12	559.	676.	1597.	2222.	0.
New Solar	13	0.	0.	0.	0.	0.
New Wind	14	129.	5007.	17719.	8073.	0.
Scrubbed-Wet Coal_SCR	15	0.	0.	0.	0.	0.
Scrubbed-Wet Coal_SNCR	16	0.	0.	0.	0.	0.
Scrubbed-Wet Coal	17	0.	0.	0.	0.	0.
Scrubbed-Dry Coal_SCR	18	0.	0.	0.	0.	0.
Scrubbed-Dry Coal_SNCR	19	0.	0.	0.	0.	0.
Scrubbed-Dry Coal	20	0.	0.	0.	0.	0.
Unscrubbed Coal_SCR	21	0.	0.	0.	0.	0.
Unscrubbed Coal_SNCR	22	0.	0.	0.	0.	0.
Unscrubbed Coal	23	0.	0.	0.	0.	0.
FB-Unscrubbed Coal	24	0.	0.	0.	0.	0.
FB-Unscrubbed Coal_SNCR	25	0.	0.	0.	0.	0.
FB-Scrubbed-Dry Coal	26	0.	0.	0.	0.	0.
Oil/Gas Steam	27	0.	0.	0.	0.	0.
Oil/Gas Steam_SCR	28	0.	0.	0.	0.	0.
Oil/Gas Steam_SNCR	29	0.	0.	0.	0.	0.
Nuclear	30	0.	0.	0.	0.	0.
Hydro	31	0.	0.	0.	0.	0.
Comb.Cycle	32	0.	0.	0.	0.	0.
IGCC	33	0.	0.	0.	0.	0.
Combustion Turbine	34	0.	0.	0.	0.	0.
Biomass	35	0.	0.	0.	0.	0.
Geothermal	36	0.	0.	0.	0.	0.
Landfill Gas	37	0.	0.	0.	0.	0.
Wind	38	0.	0.	0.	0.	0.
Fuel Cell	39	0.	0.	0.	0.	0.
Solar	40	0.	0.	0.	0.	0.
Non Fossil_Other	41	0.	0.	0.	0.	0.
Fossil_Other	42	0.	0.	0.	0.	0.
Pump Storage	43	0.	0.	0.	0.	0.
Int. Imports	44	0.	0.	0.	0.	0.
Cgn_CT	45	0.	0.	0.	0.	0.
Cgn_CC	46	0.	0.	0.	0.	0.
Cgn_Oil/Gas Steam	47	0.	0.	0.	0.	0.
Cgn_Biomass	48	0.	0.	0.	0.	0.
Cgn_Fossil_Other	49	0.	0.	0.	0.	0.
Cgn_NonFossil_Other	50	0.	0.	0.	0.	0.
Rep.Coal-CC	51	140.	5623.	26490.	9116.	31630.
Rep.Coal-CC w/Seq	52	0.	0.	0.	0.	0.
Rep.O/G-CC	53	31281.	2543.	7530.	263.	1299.
Rep.O/G-CC w/Seq	54	0.	0.	0.	0.	0.
Rep.Coal-IGCC	55	0.	0.	0.	0.	0.
Rep.Coal-IGCC w/Seq	56	0.	0.	0.	0.	0.
Ret.DryScrubber	57	1247.	4361.	0.	0.	0.
Ret.WetScrubber	58	0.	1739.	0.	0.	0.
Ret.ExistSCR & DryScrub	59	96.	311.	0.	0.	0.
Ret.ExistSCR & WetScrub	60	3582.	1620.	0.	0.	0.
Ret.ExistSNCR & DryScrub	61	0.	0.	0.	0.	0.
Ret.ExistSNCR & WetScrub	62	0.	124.	0.	0.	0.
Ret.SCR	63	6645.	0.	0.	0.	0.
Ret.ExistDryScrub & SCR	64	256.	0.	0.	0.	0.
Ret.ExistWetScrub & SCR	65	6161.	0.	0.	0.	0.
Ret.SNCR	66	94.	0.	0.	0.	0.
Ret.ExistDryScrub & SNCR	67	0.	0.	0.	0.	0.
Ret.ExistWetScrub & SNCR	68	0.	0.	0.	0.	0.
Ret.FB-SNCR	69	0.	0.	0.	0.	0.
Ret.SCR+DryScrub	70	616.	987.	0.	0.	0.
Ret.SCR+WetScrub	71	926.	493.	0.	0.	0.
Ret.SNCR+DryScrub	72	0.	0.	0.	0.	0.
Ret.SNCR+WetScrub	73	0.	0.	0.	0.	0.
Ret.ACI	74	1207.	0.	0.	0.	0.
Ret.ExistDryScrub&ACI	75	1000.	0.	0.	0.	0.
Ret.ExistWetScrub&ACI	76	44.	0.	0.	0.	0.
Ret.ExistSCR&ACI	77	573.	0.	0.	0.	0.
Ret.ExistSNCR&ACI	78	392.	0.	0.	0.	0.
Ret.ACI & SCR	79	0.	400.	0.	0.	0.
Ret.ExistDryScrub&ACI&SCR	80	256.	0.	0.	0.	0.
Ret.ExistWetScrub&ACI&SCR	81	0.	0.	0.	0.	0.
Ret.ACI & SNCR	82	0.	94.	0.	0.	0.

Ret.ExistDryScrub&ACI&SNCR	83	0.	0.	0.	0.	0.
Ret.ExistWetScrub&ACI&SNCR	84	0.	0.	0.	0.	0.
Ret.ACI & DryScrub	85	25.	0.	0.	0.	0.
Ret.ACI & WetScrub	86	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI&DryScrub	87	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI&WetScrub	88	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&DryScrub	89	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&WetScrub	90	0.	0.	0.	0.	0.
Ret.ExistSNCR&ExistDScrub&ACI	91	0.	0.	0.	0.	0.
Ret.ExistSNCR&ExistWScrub&ACI	92	0.	0.	0.	0.	0.
Ret.ExistSCR&ExistDScrub&ACI	93	1540.	0.	0.	0.	0.
Ret.ExistSCR&ExistWScrub&ACI	94	1700.	0.	0.	0.	0.
Ret.SCR & DryScrub & ACI	95	37.	0.	0.	0.	0.
Ret.SCR & WetScrub & ACI	96	0.	0.	0.	0.	0.
Ret.SNCR & DryScrub & ACI	97	0.	0.	0.	0.	0.
Ret.SNCR & WetScrub & ACI	98	0.	0.	0.	0.	0.
Ret.O/G SCR	99	147.	0.	0.	0.	0.
Ret.O/G SNCR	100	380.	0.	0.	0.	0.
CT Early Retirement	101	1429.	0.	0.	0.	0.
CC Early Retirement	102	2890.	0.	1217.	2760.	0.
O/G Early Retirement	103	77981.	10906.	598.	3978.	0.
Coal Early Retirement	104	9718.	26780.	6267.	56801.	81881.
Nuke Early Retirement	105	0.	0.	0.	0.	0.
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Total		151052.	71785.	92460.	196920.	280044.

12. Generation by Plant Type [GWh]	2010	2015	2020	2025	2032
New Scrubbed-Dry Coal_SCR_ACI 01	0.	0.	0.	0.	0.
New Scrubbed-Wet Coal_SCR 02	0.	0.	0.	0.	0.
New Comb.Cycle 03	0.	0.	15896.	42174.	168011.
New Comb.Cycle w/Seq 04	0.	0.	0.	0.	0.
New Combustion Turbine 05	0.	0.	0.	0.	0.
New Nuclear 06	0.	31524.	189146.	346767.	504389.
New Biomass 07	0.	0.	20426.	159434.	379235.
New Fuel Cell 08	0.	0.	0.	0.	0.
New Geothermal 09	0.	8560.	16944.	25641.	29414.
New IGCC 10	0.	0.	0.	0.	0.
New IGCC w/Seq 11	0.	37227.	74806.	595975.	1325615.
New Landfill Gas 12	4407.	9737.	22327.	39846.	39846.
New Solar 13	0.	0.	0.	0.	0.
New Wind 14	477.	18633.	78183.	105783.	105783.
Scrubbed-Wet Coal_SCR 15	553119.	538131.	526384.	461586.	206695.
Scrubbed-Wet Coal_SNCR 16	41076.	36403.	35304.	28152.	18385.
Scrubbed-Wet Coal 17	344822.	293030.	232399.	119591.	27357.
Scrubbed-Dry Coal_SCR 18	27684.	26722.	26106.	18281.	7874.
Scrubbed-Dry Coal_SNCR 19	1859.	342.	0.	0.	0.
Scrubbed-Dry Coal 20	74881.	71354.	69995.	23111.	5971.
Unscrubbed Coal_SCR 21	170730.	137986.	128634.	104905.	59831.
Unscrubbed Coal_SNCR 22	40587.	31731.	26157.	12713.	4302.
Unscrubbed Coal 23	767966.	579178.	515671.	336494.	94072.
FB-Unscrubbed Coal 24	24606.	17588.	15704.	5505.	771.
FB-Unscrubbed Coal_SNCR 25	17284.	16527.	16271.	14741.	11239.
FB-Scrubbed-Dry Coal 26	376.	376.	355.	0.	0.
Oil/Gas Steam 27	20139.	2323.	1041.	1129.	685.
Oil/Gas Steam_SCR 28	2512.	0.	0.	0.	0.
Oil/Gas Steam_SNCR 29	0.	0.	0.	0.	0.
Nuclear 30	796986.	805252.	812811.	812811.	761826.
Hydro 31	252772.	252912.	252912.	252912.	252912.
Comb.Cycle 32	515626.	552699.	440617.	285070.	181679.
IGCC 33	8302.	6403.	6403.	5770.	4219.
Combustion Turbine 34	12062.	11534.	7765.	6755.	7420.
Biomass 35	9173.	9487.	9737.	10041.	10247.
Geothermal 36	15885.	16437.	16437.	16437.	16437.
Landfill Gas 37	5222.	5339.	5339.	5339.	5339.
Wind 38	49848.	52794.	52794.	52794.	52794.
Fuel Cell 39	0.	0.	0.	0.	0.
Solar 40	932.	1152.	1413.	1704.	1990.
Non Fossil_Other 41	11630.	11630.	11630.	11630.	11630.
Fossil_Other 42	579.	233.	49.	33.	10.
Pump Storage 43	18150.	10527.	7695.	5663.	8732.
Int. Imports 44	24887.	25005.	21392.	22207.	21453.
Cgn_CT 45	376.	356.	248.	221.	166.
Cgn_CC 46	56927.	57567.	50111.	29418.	25590.
Cgn_Oil/Gas Steam 47	830.	0.	0.	0.	0.
Cgn_Biomass 48	5495.	5724.	5724.	5724.	5666.
Cgn_Fossil_Other 49	1229.	48.	8.	1.	1.
Cgn_NonFossil_Other 50	4089.	4089.	4089.	4089.	4089.
Rep.Coal-CC 51	1057.	43815.	236877.	299235.	476520.
Rep.Coal-CC w/Seq 52	0.	0.	0.	0.	0.
Rep.O/G-CC 53	210824.	244993.	297001.	281768.	254151.
Rep.O/G-CC w/Seq 54	0.	0.	0.	0.	0.
Rep.Coal-IGCC 55	0.	0.	0.	0.	0.
Rep.Coal-IGCC w/Seq 56	0.	0.	0.	0.	0.
Ret.DryScrubber 57	8914.	41014.	40983.	35685.	14435.
Ret.WetScrubber 58	0.	12785.	12785.	11520.	1614.
Ret.ExistSCR & DryScrub 59	711.	2708.	2997.	2618.	1999.
Ret.ExistSCR & WetScrub 60	26359.	35792.	35757.	33556.	20960.
Ret.ExistSNCR & DryScrub 61	0.	0.	0.	0.	0.
Ret.ExistSNCR & WetScrub 62	0.	909.	909.	909.	656.
Ret.SCR 63	49232.	33586.	32001.	27542.	18340.
Ret.ExistDryScrub & SCR 64	0.	0.	0.	0.	0.
Ret.ExistWetScrub & SCR 65	45349.	41783.	39905.	32497.	16388.
Ret.SNCR 66	662.	0.	0.	0.	0.
Ret.ExistDryScrub & SNCR 67	0.	0.	0.	0.	0.
Ret.ExistWetScrub & SNCR 68	0.	0.	0.	0.	0.
Ret.FB-SNCR 69	0.	0.	0.	0.	0.
Ret.SCR+DryScrub 70	4259.	11284.	10938.	8013.	1349.
Ret.SCR+WetScrub 71	6817.	10435.	10284.	9620.	5977.
Ret.SNCR+DryScrub 72	0.	0.	0.	0.	0.
Ret.SNCR+WetScrub 73	0.	0.	0.	0.	0.
Ret.ACI 74	8868.	8456.	8258.	7122.	3557.
Ret.ExistDryScrub&ACI 75	7361.	5489.	4628.	4042.	0.
Ret.ExistWetScrub&ACI 76	325.	284.	262.	235.	0.
Ret.ExistSCR&ACI 77	4276.	3437.	1811.	1671.	967.
Ret.ExistSNCR&ACI 78	2884.	2743.	2391.	2156.	105.
Ret.ACI & SCR 79	1.	2418.	2161.	941.	940.
Ret.ExistDryScrub&ACI&SNCR 80	1884.	1138.	794.	694.	0.
Ret.ExistWetScrub&ACI&SNCR 81	0.	0.	0.	0.	0.
Ret.ACI & SNCR 82	0.	565.	505.	505.	0.
Ret.ExistDryScrub&ACI&SNCR 83	0.	0.	0.	0.	0.

Ret.ExistWetScrub&ACI&SNCR	84	0.	0.	0.	0.	0.
Ret.ACI & DryScrub	85	191.	154.	138.	0.	0.
Ret.ACI & WetScrub	86	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI&DryScrub	87	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI&WetScrub	88	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&DryScrub	89	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&WetScrub	90	0.	0.	0.	0.	0.
Ret.ExistSNCR&ExistDScrub&ACI	91	0.	0.	0.	0.	0.
Ret.ExistSNCR&ExistWScrub&ACI	92	0.	0.	0.	0.	0.
Ret.ExistSCR&ExistDScrub&ACI	93	11325.	11325.	11325.	11325.	9897.
Ret.ExistSCR&ExistWScrub&ACI	94	12776.	12776.	12776.	12776.	12776.
Ret.SCR & DryScrub & ACI	95	275.	198.	112.	0.	0.
Ret.SCR & WetScrub & ACI	96	0.	0.	0.	0.	0.
Ret.SNCR & DryScrub & ACI	97	0.	0.	0.	0.	0.
Ret.SNCR & WetScrub & ACI	98	0.	0.	0.	0.	0.
Ret.O/G SCR	99	1077.	0.	0.	0.	0.
Ret.O/G SNCR	100	1547.	525.	427.	427.	342.
CT Early Retirement	101	0.	0.	0.	0.	0.
CC Early Retirement	102	0.	0.	0.	0.	0.
O/G Early Retirement	103	0.	0.	0.	0.	0.
Coal Early Retirement	104	0.	0.	0.	0.	0.
Nuke Early Retirement	105	0.	0.	0.	0.	0.
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Total		4290501.	4215172.	4484949.	4755305.	5202649.

12a. Generation by Fuel Type [GWh]	2010	2015	2020	2025	2032
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Coal	2230727.	1927180.	1714852.	1732044.	1780447.
Nuclear	796986.	836776.	1001957.	1159578.	1266215.
Hydro	270922.	263439.	260607.	258576.	261644.
NaturalGas	803630.	911642.	1049452.	945688.	1114080.
Non-Fossil	3624.	3624.	3624.	3624.	3624.
None	24887.	25005.	21392.	22207.	21453.
Biomass	14812.	91780.	201829.	353344.	477117.
Fwaste	1808.	281.	57.	34.	11.
Geothermal	15885.	24997.	33382.	42078.	45851.
LF Gas	9630.	15076.	27667.	45185.	45185.
Pet. Coke	18583.	15680.	14379.	12587.	9103.
Waste Coal	16306.	12847.	10736.	7474.	4772.
MSW	12096.	12096.	12096.	12096.	12096.
Oil	19349.	2168.	531.	509.	484.
Wind	50325.	71427.	130977.	158577.	158577.
Solar	932.	1152.	1413.	1704.	1990.
Other	0.	0.	0.	0.	0.
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Total	4290501.	4215172.	4484949.	4755305.	5202649.



13. Generation by Plant Type [Tbtu]	2010	2015	2020	2025	2032	
New Scrubbed-Dry Coal_SCR_ACI	01	0.	0.	0.	0.	
New Scrubbed-Wet Coal_SCR	02	0.	0.	0.	0.	
New Comb.Cycle	03	0.	0.	54.	144.	573.
New Comb.Cycle w/Seq	04	0.	0.	0.	0.	0.
New Combustion Turbine	05	0.	0.	0.	0.	0.
New Nuclear	06	0.	108.	645.	1183.	1721.
New Biomass	07	0.	0.	70.	544.	1294.
New Fuel Cell	08	0.	0.	0.	0.	0.
New Geothermal	09	0.	29.	58.	87.	100.
New IGCC	10	0.	0.	0.	0.	0.
New IGCC w/Seq	11	0.	127.	255.	2033.	4523.
New Landfill Gas	12	15.	33.	76.	136.	136.
New Solar	13	0.	0.	0.	0.	0.
New Wind	14	2.	64.	267.	361.	361.
Scrubbed-Wet Coal_SCR	15	1887.	1836.	1796.	1575.	705.
Scrubbed-Wet Coal_SNCR	16	140.	124.	120.	96.	63.
Scrubbed-Wet Coal	17	1177.	1000.	793.	408.	93.
Scrubbed-Dry Coal_SCR	18	94.	91.	89.	62.	27.
Scrubbed-Dry Coal_SNCR	19	6.	1.	0.	0.	0.
Scrubbed-Dry Coal	20	255.	243.	239.	79.	20.
Unscrubbed Coal_SCR	21	583.	471.	439.	358.	204.
Unscrubbed Coal_SNCR	22	138.	108.	89.	43.	15.
Unscrubbed Coal	23	2620.	1976.	1759.	1148.	321.
FB-Unscrubbed Coal	24	84.	60.	54.	19.	3.
FB-Unscrubbed Coal_SNCR	25	59.	56.	56.	50.	38.
FB-Scrubbed-Dry Coal	26	1.	1.	1.	0.	0.
Oil/Gas Steam	27	69.	8.	4.	4.	2.
Oil/Gas Steam_SCR	28	9.	0.	0.	0.	0.
Oil/Gas Steam_SNCR	29	0.	0.	0.	0.	0.
Nuclear	30	2719.	2748.	2773.	2773.	2599.
Hydro	31	862.	863.	863.	863.	863.
Comb.Cycle	32	1759.	1886.	1503.	973.	620.
IGCC	33	28.	22.	22.	20.	14.
Combustion Turbine	34	41.	39.	26.	23.	25.
Biomass	35	31.	32.	33.	34.	35.
Geothermal	36	54.	56.	56.	56.	56.
Landfill Gas	37	18.	18.	18.	18.	18.
Wind	38	170.	180.	180.	180.	180.
Fuel Cell	39	0.	0.	0.	0.	0.
Solar	40	3.	4.	5.	6.	7.
Non Fossil_Other	41	40.	40.	40.	40.	40.
Fossil_Other	42	2.	1.	0.	0.	0.
Pump Storage	43	62.	36.	26.	19.	30.
Int. Imports	44	85.	85.	73.	76.	73.
Cgn_CT	45	1.	1.	1.	1.	1.
Cgn_CC	46	194.	196.	171.	100.	87.
Cgn_Oil/Gas Steam	47	3.	0.	0.	0.	0.
Cgn_Biomass	48	19.	20.	20.	20.	19.
Cgn_Fossil_Other	49	4.	0.	0.	0.	0.
Cgn_NonFossil_Other	50	14.	14.	14.	14.	14.
Rep.Coal-CC	51	4.	149.	808.	1021.	1626.
Rep.Coal-CC w/Seq	52	0.	0.	0.	0.	0.
Rep.O/G-CC	53	719.	836.	1013.	961.	867.
Rep.O/G-CC w/Seq	54	0.	0.	0.	0.	0.
Rep.Coal-IGCC	55	0.	0.	0.	0.	0.
Rep.Coal-IGCC w/Seq	56	0.	0.	0.	0.	0.
Ret.DryScrubber	57	30.	140.	140.	122.	49.
Ret.WetScrubber	58	0.	44.	44.	39.	6.
Ret.ExistSCR & DryScrub	59	2.	9.	10.	9.	7.
Ret.ExistSCR & WetScrub	60	90.	122.	122.	114.	72.
Ret.ExistSNCR & DryScrub	61	0.	0.	0.	0.	0.
Ret.ExistSNCR & WetScrub	62	0.	3.	3.	3.	2.
Ret.SCR	63	168.	115.	109.	94.	63.
Ret.ExistDryScrub & SCR	64	0.	0.	0.	0.	0.
Ret.ExistWetScrub & SCR	65	155.	143.	136.	111.	56.
Ret.SNCR	66	2.	0.	0.	0.	0.
Ret.ExistDryScrub & SNCR	67	0.	0.	0.	0.	0.
Ret.ExistWetScrub & SNCR	68	0.	0.	0.	0.	0.
Ret.FB-SNCR	69	0.	0.	0.	0.	0.
Ret.SCR+DryScrub	70	15.	39.	37.	27.	5.
Ret.SCR+WetScrub	71	23.	36.	35.	33.	20.
Ret.SNCR+DryScrub	72	0.	0.	0.	0.	0.
Ret.SNCR+WetScrub	73	0.	0.	0.	0.	0.
Ret.ACI	74	30.	29.	28.	24.	12.
Ret.ExistDryScrub&ACI	75	25.	19.	16.	14.	0.
Ret.ExistWetScrub&ACI	76	1.	1.	1.	1.	0.
Ret.ExistSCR&ACI	77	15.	12.	6.	6.	3.
Ret.ExistSNCR&ACI	78	10.	9.	8.	7.	0.
Ret.ACI & SCR	79	0.	8.	7.	3.	3.
Ret.ExistDryScrub&ACI&SNCR	80	6.	4.	3.	2.	0.
Ret.ExistWetScrub&ACI&SNCR	81	0.	0.	0.	0.	0.
Ret.ACI & SNCR	82	0.	2.	2.	2.	0.
Ret.ExistDryScrub&ACI&SNCR	83	0.	0.	0.	0.	0.

Ret.ExistWetScrub&ACI&SNCR	84	0.	0.	0.	0.	0.
Ret.ACI & DryScrub	85	1.	1.	0.	0.	0.
Ret.ACI & WetScrub	86	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI&DryScrub	87	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI&WetScrub	88	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&DryScrub	89	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&WetScrub	90	0.	0.	0.	0.	0.
Ret.ExistSNCR&ExistDScrub&ACI	91	0.	0.	0.	0.	0.
Ret.ExistSNCR&ExistWScrub&ACI	92	0.	0.	0.	0.	0.
Ret.ExistSCR&ExistDScrub&ACI	93	39.	39.	39.	39.	34.
Ret.ExistSCR&ExistWScrub&ACI	94	44.	44.	44.	44.	44.
Ret.SCR & DryScrub & ACI	95	1.	1.	0.	0.	0.
Ret.SCR & WetScrub & ACI	96	0.	0.	0.	0.	0.
Ret.SNCR & DryScrub & ACI	97	0.	0.	0.	0.	0.
Ret.SNCR & WetScrub & ACI	98	0.	0.	0.	0.	0.
Ret.O/G SCR	99	4.	0.	0.	0.	0.
Ret.O/G SNCR	100	5.	2.	1.	1.	1.
CT Early Retirement	101	0.	0.	0.	0.	0.
CC Early Retirement	102	0.	0.	0.	0.	0.
O/G Early Retirement	103	0.	0.	0.	0.	0.
Coal Early Retirement	104	0.	0.	0.	0.	0.
Nuke Early Retirement	105	0.	0.	0.	0.	0.
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Total		14639.	14382.	15303.	16225.	17751.

14. Capacity Factor by Plant Type [%]	2010	2015	2020	2025	2032
New Scrubbed-Dry Coal_SCR_ACI	01	N/A	N/A	N/A	N/A
New Scrubbed-Wet Coal_SCR	02	N/A	N/A	N/A	N/A
New Comb.Cycle	03	N/A	N/A	87.0	87.0
New Comb.Cycle w/Seq	04	N/A	N/A	N/A	N/A
New Combustion Turbine	05	N/A	N/A	N/A	N/A
New Nuclear	06	N/A	90.0	90.0	90.0
New Biomass	07	N/A	N/A	83.0	83.0
New Fuel Cell	08	N/A	N/A	N/A	N/A
New Geothermal	09	N/A	87.0	87.0	87.0
New IGCC	10	N/A	N/A	N/A	N/A
New IGCC w/Seq	11	N/A	85.0	85.0	85.0
New Landfill Gas	12	90.0	90.0	90.0	90.0
New Solar	13	N/A	N/A	N/A	N/A
New Wind	14	42.3	41.4	39.1	39.0
Scrubbed-Wet Coal_SCR	15	83.8	82.3	81.5	77.5
Scrubbed-Wet Coal_SNCR	16	83.2	82.2	79.7	79.2
Scrubbed-Wet Coal	17	83.5	80.7	79.5	77.6
Scrubbed-Dry Coal_SCR	18	84.0	81.1	79.2	75.7
Scrubbed-Dry Coal_SNCR	19	83.9	61.9	N/A	N/A
Scrubbed-Dry Coal	20	83.5	82.9	82.4	77.1
Unscrubbed Coal_SCR	21	83.5	80.3	76.5	71.3
Unscrubbed Coal_SNCR	22	82.3	74.7	70.0	70.3
Unscrubbed Coal	23	81.4	79.1	75.1	70.6
FB-Unscrubbed Coal	24	85.5	79.5	71.9	60.7
FB-Unscrubbed Coal_SNCR	25	84.9	84.1	82.8	78.8
FB-Scrubbed-Dry Coal	26	85.8	85.8	81.1	N/A
Oil/Gas Steam	27	9.6	1.8	1.0	1.5
Oil/Gas Steam_SCR	28	5.9	0.0	0.0	0.0
Oil/Gas Steam_SNCR	29	0.0	0.0	0.0	0.0
Nuclear	30	90.1	90.3	90.3	90.3
Hydro	31	36.9	36.9	36.9	36.9
Comb.Cycle	32	40.2	43.0	34.6	22.6
IGCC	33	85.0	85.0	85.0	85.0
Combustion Turbine	34	1.1	1.0	0.7	0.6
Biomass	35	68.9	71.2	73.1	75.4
Geothermal	36	79.0	79.1	79.1	79.1
Landfill Gas	37	56.2	56.1	56.1	56.1
Wind	38	35.1	35.3	35.3	35.3
Fuel Cell	39	0.2	0.2	0.2	0.2
Solar	40	20.0	21.4	22.6	23.6
Non Fossil_Other	41	65.9	65.9	65.9	65.9
Fossil_Other	42	41.0	16.5	3.4	2.3
Pump Storage	43	10.1	5.9	4.3	3.2
Int. Imports	44	51.2	51.4	44.0	45.7
Cgn_CT	45	0.8	0.8	0.5	0.5
Cgn_CC	46	17.1	17.2	15.0	9.1
Cgn_Oil/Gas Steam	47	42.5	0.0	0.0	0.0
Cgn_Biomass	48	78.9	82.2	82.2	82.2
Cgn_Fossil_Other	49	41.0	1.6	0.3	0.0
Cgn_NonFossil_Other	50	64.4	64.4	64.4	64.4
Rep.Coal-CC	51	86.2	86.8	83.8	82.6
Rep.Coal-CC w/Seq	52	N/A	N/A	N/A	N/A
Rep.O/G-CC	53	76.9	82.7	82.0	77.3
Rep.O/G-CC w/Seq	54	N/A	N/A	N/A	N/A
Rep.Coal-IGCC	55	N/A	N/A	N/A	N/A
Rep.Coal-IGCC w/Seq	56	N/A	N/A	N/A	N/A
Ret.DryScrubber	57	83.3	83.9	83.8	73.0
Ret.WetScrubber	58	N/A	83.9	83.9	75.6
Ret.ExistSCR & DryScrub	59	84.1	75.9	84.0	73.4
Ret.ExistSCR & WetScrub	60	84.0	78.6	78.5	73.6
Ret.ExistSNCR & DryScrub	61	N/A	N/A	N/A	N/A
Ret.ExistSNCR & WetScrub	62	N/A	84.0	84.0	84.0
Ret.SCR	63	84.6	80.7	76.9	66.2
Ret.ExistDryScrub & SCR	64	N/A	N/A	N/A	N/A
Ret.ExistWetScrub & SCR	65	84.0	77.4	73.9	60.2
Ret.SNCR	66	80.7	0.0	0.0	0.0
Ret.ExistDryScrub & SNCR	67	N/A	N/A	N/A	N/A
Ret.ExistWetScrub & SNCR	68	N/A	N/A	N/A	N/A
Ret.FB-SNCR	69	N/A	N/A	N/A	N/A
Ret.SCR+DryScrub	70	84.0	82.2	79.7	58.4
Ret.SCR+WetScrub	71	84.0	83.9	82.7	77.4
Ret.SNCR+DryScrub	72	N/A	N/A	N/A	N/A
Ret.SNCR+WetScrub	73	N/A	N/A	N/A	N/A
Ret.ACI	74	83.9	80.0	78.1	67.4
Ret.ExistDryScrub&ACI	75	84.0	62.7	52.8	46.1
Ret.ExistWetScrub&ACI	76	84.0	73.3	67.7	60.6
Ret.ExistSCR&ACI	77	85.2	68.5	36.1	33.3
Ret.ExistSNCR&ACI	78	84.1	80.0	69.7	62.8
Ret.ACI & SCR	79	84.1	69.0	61.7	26.8
Ret.ExistDryScrub&ACI&SNCR	80	84.0	50.7	35.4	30.9
Ret.ExistWetScrub&ACI&SNCR	81	N/A	N/A	N/A	N/A
Ret.ACI & SNCR	82	N/A	69.0	61.6	61.6
Ret.ExistDryScrub&ACI&SNCR	83	N/A	N/A	N/A	N/A

Ret.ExistWetScrub&ACI&SNCR	84	N/A	N/A	N/A	N/A	N/A
Ret.ACI & DryScrub	85	85.4	69.0	61.7	0.0	0.0
Ret.ACI & WetScrub	86	N/A	N/A	N/A	N/A	N/A
Ret.ExistSCR&ACI&DryScrub	87	N/A	N/A	N/A	N/A	N/A
Ret.ExistSCR&ACI&WetScrub	88	N/A	N/A	N/A	N/A	N/A
Ret.ExistSNCR&ACI&DryScrub	89	N/A	N/A	N/A	N/A	N/A
Ret.ExistSNCR&ACI&WetScrub	90	N/A	N/A	N/A	N/A	N/A
Ret.ExistSNCR&ExistDScrub&ACI	91	N/A	N/A	N/A	N/A	N/A
Ret.ExistSNCR&ExistWScrub&ACI	92	N/A	N/A	N/A	N/A	N/A
Ret.ExistSCR&ExistDScrub&ACI	93	84.0	84.0	84.0	84.0	73.4
Ret.ExistSCR&ExistWScrub&ACI	94	85.8	85.8	85.8	85.8	85.8
Ret.SCR & DryScrub & ACI	95	85.4	61.7	34.8	0.0	0.0
Ret.SCR & WetScrub & ACI	96	N/A	N/A	N/A	N/A	N/A
Ret.SNCR & DryScrub & ACI	97	N/A	N/A	N/A	N/A	N/A
Ret.SNCR & WetScrub & ACI	98	N/A	N/A	N/A	N/A	N/A
Ret.O/G SCR	99	83.7	0.0	0.0	0.0	0.0
Ret.O/G SNCR	100	46.5	15.8	12.8	12.8	10.3
CT Early Retirement	101	0.0	0.0	0.0	0.0	0.0
CC Early Retirement	102	0.0	0.0	0.0	0.0	0.0
O/G Early Retirement	103	0.0	0.0	0.0	0.0	0.0
Coal Early Retirement	104	0.0	0.0	0.0	0.0	0.0
Nuke Early Retirement	105	N/A	N/A	N/A	N/A	N/A
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Average		48.1	46.3	46.0	43.6	41.7

15. Total Annual Production Cost [MMUS\$](*)	2010	2015	2020	2025	2032
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Variable O&M	9183.4	9431.2	9778.0	16150.3	26582.2
Fixed O&M	34213.4	34066.6	36721.7	40717.6	45646.1
Fuel	76076.7	71632.1	80182.8	80655.3	89926.9
Capital	2782.6	7700.5	24054.9	63393.8	114956.9
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Total	122256.1	122830.4	150737.3	200917.0	277112.2

16. Emissions	2010	2015	2020	2025	2032
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CO2 [MMTonnes]	2536.2114	2202.2792	2000.6925	1504.4105	968.2710
Carbon [MMTonnes]	691.6940	600.6216	545.6434	410.2938	264.0739
MER [Tons]	40.1402	32.0074	26.2638	18.1786	12.8417
NOX [MTons]	2503.5936	1971.3712	1787.7509	1239.1819	643.1909
SO2 [MTons]	7031.0869	4740.9890	3914.1275	3214.7357	1873.0791
TSP [MTons]	0.0000	0.0000	0.0000	0.0000	0.0000

Fuel Consumption by Fuel and Fuel Type [TBtu]

Fuel	2010	2015	2020	2025	2032
Coal	23001.0	19578.4	17258.7	16342.0	16211.7
Nuclear	8104.8	8516.2	10231.8	11871.1	12995.1
NaturalGas	5753.0	6448.0	7224.0	6407.8	7408.6
Biomass	221.2	1006.8	2094.7	3433.5	4414.7
Pet. Coke	179.8	144.5	131.7	112.7	78.0
Waste Coal	186.3	141.9	117.0	78.5	47.9
Oil	211.6	23.1	5.7	5.5	5.2

Fuel Costs by Fuel and Fuel Type [MMUS\$]

Fuel	2010	2015	2020	2025	2032
Coal	34676.0	26582.3	22861.5	19991.7	18591.7
Nuclear	4251.8	4835.5	6145.2	7235.4	7746.4
NaturalGas	35304.8	35772.6	41953.8	39365.4	48734.0
Biomass	405.8	3993.6	8897.6	13806.4	14670.7
Pet. Coke	225.5	181.2	165.2	141.3	97.8
Waste Coal	237.1	157.1	128.0	82.3	51.8
Oil	975.6	109.8	31.4	32.8	34.5

Fuel Costs by Fuel and Fuel Type [US\$/MMBtu]

Fuel	2010	2015	2020	2025	2032
Coal	1.51	1.36	1.32	1.22	1.15
Nuclear	0.52	0.57	0.60	0.61	0.60
NaturalGas	6.14	5.55	5.81	6.14	6.58
Biomass	1.83	3.97	4.25	4.02	3.32
Pet. Coke	1.25	1.25	1.25	1.25	1.25
Waste Coal	1.27	1.11	1.09	1.05	1.08
Oil	4.61	4.76	5.53	6.02	6.64



Environmental Measures Report

Constraint Name: #0 - National CO2 Cap - Liebermann-Warner  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 1

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	0.000	0.000	0.000	0.000	0.000
-Emissions at Affected Plants [MTons]	0.000	0.2267E+07	0.1956E+07	0.1419E+07	0.8584E+06
-Less Allowances Purchased [MTons] CO2	0.000	-0.2267E+07	-0.1956E+07	-0.1419E+07	-0.8584E+06
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	-0.4877E-01	-0.1424E-01	-0.6507E-02	-0.5852E-02
TBtu Consumed	0.000	0.1393E+05	5608.	5849.	8793.
Rate - [lb/MMBtu]	0.000	325.5	697.6	485.2	195.3
TWh Generated	0.000	1439.	532.2	636.3	1257.
TWh Generated Qualifying	0.000	-0.2946E+07	-0.2956E+07	-0.2876E+07	-0.2991E+07
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	25.78	32.85	41.84	59.13

Constraint Name: #0 - National CO2 Bonus Cap - Liebermann-Warner      Constraint #: 2  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	0.000	0.2406E+06	0.2171E+06	0.1936E+06	0.1632E+06
-Emissions at Affected Plants [MTons]	0.000	0.1389E+06	0.2171E+06	0.1936E+06	0.1632E+06
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.1389E+06	0.2171E+06	0.1936E+06	0.1632E+06
TBtu Consumed	0.000	0.1319E+05	0.2081E+05	0.1887E+05	0.1575E+05
Rate - [lb/MMBtu]	0.000	21.06	20.87	20.52	20.72
TWh Generated	0.000	1508.	2424.	2240.	1734.
TWh Generated Qualifying	0.000	-0.3723E+05	-0.7481E+05	-0.1185E+06	-0.2771E+06
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	29.79	41.84	59.13

Constraint Name: SO2 CAIR Constraint					
	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Total Title IV Emissions	6,697	4,607	3,786	3,141	1,808
MTons Banked	1,758	0	0	0	0
MTons Withdrawn	0	-853.6	-552.7	0	0
Non CAIR Rate - [lb/MMBtu]	0.26	0.13	0.11	0.07	0.01
CAIR Rate - [lb/MMBtu]	0.53	0.41	0.35	0.32	0.20
Non CAIR - TBtu Consumed	7,294	6,670	6,662	6,405	7,191
CAIR - TBtu Consumed	21,724	20,297	19,620	18,272	17,337
Non-CAIR Shadow Price (US\$/Ton)	141.9	124.1	141.4	37.6	0.0
CAIR Shadow Price (US\$/Ton)	248.3	312.7	404.4	107.4	0

Constraint Name: #2 - NOx CAIR Annual Constraint  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 6

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	1572.	1370.	1268.	1268.	1268.
-Emissions at Affected Plants [MTons]	1571.	1329.	1195.	830.3	390.4
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1571.	1329.	1195.	830.3	390.4
TBtu Consumed	0.2172E+05	0.2030E+05	0.1962E+05	0.1826E+05	0.1732E+05
Rate - [lb/MMBtu]	0.1447	0.1310	0.1219	0.9093E-01	0.4508E-01
TWh Generated	2253.	2171.	2153.	2071.	2058.
TWh Generated Qualifying	-0.2253E+07	-0.2184E+07	-0.2171E+07	-0.2175E+07	-0.2283E+07
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	2711.	0.000	0.000	0.000	0.000

Constraint Name: #3 - NOx SIP CALL and Summer CAIR Constraint      Constraint #: 7  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	568.0	518.2	485.0	485.0	485.0
-Emissions at Affected Plants [MTons]	568.0	492.1	453.1	308.7	163.9
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	568.0	492.1	453.1	308.7	163.9
TBtu Consumed	8068.	7495.	7252.	6666.	6585.
Rate - [lb/MMBtu]	0.1408	0.1313	0.1250	0.9263E-01	0.4979E-01
TWh Generated	838.2	798.2	782.9	742.3	755.9
TWh Generated Qualifying	-0.8381E+06	-0.8036E+06	-0.7897E+06	-0.7956E+06	-0.8642E+06
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	2907.	0.000	0.000	0.000	0.000

Constraint Name: #4 - NOx SIPCall Rhode Island Constraint  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 SUMMER  
Run Year, Seasons Included: 2015 SUMMER  
Run Year, Seasons Included: 2020 SUMMER  
Run Year, Seasons Included: 2025 SUMMER  
Run Year, Seasons Included: 2032 SUMMER

Constraint #: 8

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	0.9970	0.9970	0.9970	0.9970	0.9970
-Emissions at Affected Plants [MTons]	0.1801	0.1427	0.1201	0.6530E-01	0.8318E-01
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.8543	0.8769	0.9317	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1801	0.9970	0.9970	0.9970	0.8318E-01
TBtu Consumed	20.80	18.13	14.90	8.583	12.18
Rate - [lb/MMBtu]	0.1732E-01	0.1574E-01	0.1612E-01	0.1522E-01	0.1366E-01
TWh Generated	2.805	2.468	2.024	1.172	1.552
TWh Generated Qualifying	-2805.	-2468.	-2024.	-1172.	-9570.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: #5 - MER National Constraint

Constraint #: 9

Constraint Type: Rate Cap [MTons]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [Lb]	0.7600E+05	0.7600E+05	0.3000E+05	0.3000E+05	0.3000E+05
-Emissions at Affected Plants [Lb]	0.7510E+05	0.5933E+05	0.4699E+05	0.3040E+05	0.1962E+05
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	896.0	0.1667E+05	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	-0.1699E+05	-404.1	0.000
Total [Lb]	0.7600E+05	0.7600E+05	0.3000E+05	0.3000E+05	0.1962E+05
TBTu Consumed	0.2301E+05	0.2074E+05	0.2055E+05	0.2017E+05	0.2019E+05
Rate - [lb/MMBTu]	0.3264E-05	0.2860E-05	0.2286E-05	0.1507E-05	0.9718E-06
TWh Generated	2236.	2059.	2126.	2221.	2348.
TWh Generated Qualifying	-0.2236E+07	-0.2059E+07	-0.2126E+07	-0.2221E+07	-0.2348E+07
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.2116E+05	0.2664E+05	0.3446E+05	0.4457E+05	0.000

Constraint Name: #6 - WRAP SO2 Policy Case Constraint  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 10

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	0.000	0.000	198.9	198.9	198.9
-Emissions at Affected Plants [MTons]	0.000	0.000	116.8	86.18	10.26
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	112.7	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	116.8	198.9	10.26
TBtu Consumed	0.000	0.000	1917.	1805.	1774.
Rate - [lb/MMBtu]	0.000	0.000	0.1219	0.9547E-01	0.1156E-01
TWh Generated	0.000	0.000	226.5	228.3	241.1
TWh Generated Qualifying	0.000	0.000	-0.2293E+06	-0.3483E+06	-0.4759E+06
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: #7 - BART SO2 Constraint (CJN)                      Constraint #: 11  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	4767.	2807.	4975.	3338.

Constraint Name: #7 - BART SO2 Constraint (CJO)                      Constraint #: 12  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	4241.	3539.	3040.	2115.

Constraint Name: #7 - BART SO2 Constraint (CJP)                      Constraint #: 13  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	4198.	2403.	1888.	0.000

Constraint Name: #7 - BART SO2 Constraint (CMZ)                      Constraint #: 14  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.7095	0.7054	0.2437	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.7095	0.7054	0.2437	0.000
TBtu Consumed	0.000	18.27	18.11	6.509	0.000
Rate - [lb/MMBtu]	0.000	0.7769E-01	0.7792E-01	0.7489E-01	0.000
TWh Generated	0.000	1.636	1.621	0.5829	0.000
TWh Generated Qualifying	0.000	-1636.	-1621.	-582.9	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	14.61

Constraint Name: #7 - BART SO2 Constraint (CNB)                      Constraint #: 15  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	4656.	5179.	5979.	4191.

Constraint Name: #7 - BART SO2 Constraint (CNC)                      Constraint #: 16  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	2.697	2.671	2.044	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.697	2.671	2.044	0.000
TBtu Consumed	0.000	35.96	35.61	27.26	0.000
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.000
TWh Generated	0.000	3.205	3.174	2.429	0.000
TWh Generated Qualifying	0.000	-3205.	-3174.	-2429.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	2069.	2716.	1099.	1890.

Constraint Name: #7 - BART SO2 Constraint (CON)  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 17

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	2.583	2.494	1.569	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.583	2.494	1.569	0.000
TBtu Consumed	0.000	34.44	33.25	20.92	0.000
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.000
TWh Generated	0.000	3.180	3.070	1.931	0.000
TWh Generated Qualifying	0.000	-3180.	-3070.	-1931.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	2982.	1692.	1854.	1792.

Constraint Name: #7 - BART SO2 Constraint (COX)                      Constraint #: 18  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	3.730	3.730	3.320	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	3.730	3.730	3.320	0.000
TBtu Consumed	0.000	49.73	49.73	44.26	0.000
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.000
TWh Generated	0.000	4.689	4.689	4.174	0.000
TWh Generated Qualifying	0.000	-4689.	-4689.	-4174.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3317.	2773.	612.0	1510.



Constraint Name: #7 - BART SO2 Constraint (COY)                      Constraint #: 19  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	3.948	3.948	3.399	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	3.948	3.948	3.399	0.000
TBtu Consumed	0.000	52.65	52.65	45.32	0.000
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.000
TWh Generated	0.000	4.936	4.936	4.249	0.000
TWh Generated Qualifying	0.000	-4935.	-4935.	-4249.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3093.	2378.	1130.	1590.

Constraint Name: #7 - BART SO2 Constraint (CPG)                      Constraint #: 20  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	4927.	2976.	1960.	1851.

Constraint Name: #7 - BART SO2 Constraint (CPI)                      Constraint #: 21  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	3.546	3.616	3.257	2.488
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	3.546	3.616	3.257	2.488
TBtu Consumed	0.000	47.27	48.21	45.53	34.79
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1431	0.1431
TWh Generated	0.000	4.631	4.723	4.460	3.408
TWh Generated Qualifying	0.000	-4631.	-4723.	-4460.	-3408.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3176.	1680.	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (CPS)                      Constraint #: 22  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	2.079	2.075	1.500	1.310
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.079	2.075	1.500	1.310
TBtu Consumed	0.000	27.73	27.66	27.73	24.22
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1082	0.1082
TWh Generated	0.000	2.722	2.716	2.722	2.378
TWh Generated Qualifying	0.000	-2722.	-2716.	-2722.	-2378.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1587.	1949.	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (CPT)  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 23

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1944.	1328.	1061.	142.0

Constraint Name: #7 - BART SO2 Constraint (CPU)                      Constraint #: 24  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.3270	0.2341	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.3270	0.2341	0.000	0.000
TBtu Consumed	0.000	5.056	3.627	0.5055	0.5055
Rate - [lb/MMBtu]	0.000	0.1294	0.1291	0.000	0.000
TWh Generated	0.000	0.5401	0.3877	0.6749E-01	0.6749E-01
TWh Generated Qualifying	0.000	-540.1	-387.7	-67.49	-67.49
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	311.4	1052.	1146.	508.5

Constraint Name: #7 - BART SO2 Constraint (CQC)                      Constraint #: 25  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	1.492	1.492	1.371	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	1.492	1.492	1.371	0.000
TBtu Consumed	0.000	19.89	19.89	18.29	0.000
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.000
TWh Generated	0.000	1.889	1.889	1.737	0.000
TWh Generated Qualifying	0.000	-1889.	-1889.	-1737.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	2978.	1220.	1607.	1892.

Constraint Name: #7 - BART SO2 Constraint (CQK)  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 26

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	1.205	1.204	1.045	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	1.205	1.204	1.045	0.000
TBtu Consumed	0.000	16.06	16.05	13.93	0.000
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.000
TWh Generated	0.000	1.521	1.521	1.319	0.000
TWh Generated Qualifying	0.000	-1521.	-1521.	-1319.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3303.	2048.	1479.	2494.



Constraint Name: #7 - BART SO2 Constraint (CQS)                      Constraint #: 27  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	2.869	2.888	2.755	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.869	2.888	2.755	0.000
TBtu Consumed	0.000	38.25	38.51	36.73	0.000
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.000
TWh Generated	0.000	3.619	3.643	3.476	0.000
TWh Generated Qualifying	0.000	-3619.	-3643.	-3476.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3242.	2881.	528.4	174.9

Constraint Name: #7 - BART SO2 Constraint (CSN)                      Constraint #: 28  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3849.	4252.	3804.	0.000

Constraint Name: #7 - BART SO2 Constraint (CSP)                      Constraint #: 29  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	3.867	3.910	2.901	0.3666
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	3.867	3.910	2.901	0.3666
TBtu Consumed	0.000	51.55	52.13	38.68	9.437
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.7770E-01
TWh Generated	0.000	4.771	4.825	3.580	0.8725
TWh Generated Qualifying	0.000	-4771.	-4825.	-3580.	-872.5
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3063.	1680.	262.9	0.000

Constraint Name: #7 - BART SO2 Constraint (CSY)                      Constraint #: 30  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	2.312	2.404	1.735	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.312	2.404	1.735	0.000
TBtu Consumed	0.000	30.83	32.05	23.13	0.000
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.000
TWh Generated	0.000	2.975	3.094	2.232	0.000
TWh Generated Qualifying	0.000	-2975.	-3093.	-2232.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3554.	2669.	592.9	1948.

Constraint Name: #7 - BART SO2 Constraint (CTG)      Constraint #: 31  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	2.519	2.568	2.287	0.3553
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.519	2.568	2.287	0.3553
TBtu Consumed	0.000	33.58	34.25	30.50	9.145
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.7770E-01
TWh Generated	0.000	3.222	3.286	2.927	0.8765
TWh Generated Qualifying	0.000	-3222.	-3286.	-2927.	-876.5
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3448.	1680.	245.7	0.000

Constraint Name: #7 - BART SO2 Constraint (CTH)                      Constraint #: 32  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	2.804	2.833	2.639	0.3955
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.804	2.833	2.639	0.3955
TBtu Consumed	0.000	37.39	37.78	37.78	10.18
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1397	0.7770E-01
TWh Generated	0.000	3.649	3.687	3.687	0.9927
TWh Generated Qualifying	0.000	-3649.	-3687.	-3687.	-992.7
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3319.	1680.	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (CTI)      Constraint #: 33  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	2.895	2.952	2.629	0.4083
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.895	2.952	2.629	0.4083
TBtu Consumed	0.000	38.60	39.36	35.05	10.51
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.7770E-01
TWh Generated	0.000	3.680	3.753	3.343	1.001
TWh Generated Qualifying	0.000	-3680.	-3753.	-3343.	-1001.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3235.	1680.	56.13	0.000

Constraint Name: #7 - BART SO2 Constraint (CTJ)      Constraint #: 34  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	2.822	2.903	2.563	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.822	2.903	2.563	0.000
TBtu Consumed	0.000	37.63	38.70	34.17	0.000
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.000
TWh Generated	0.000	3.475	3.576	3.157	0.000
TWh Generated Qualifying	0.000	-3475.	-3576.	-3157.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3280.	1680.	488.2	2075.



Constraint Name: #7 - BART SO2 Constraint (CTK)                      Constraint #: 35  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	2.937	2.948	2.203	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.937	2.948	2.203	0.000
TBtu Consumed	0.000	39.16	39.30	29.38	0.000
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.000
TWh Generated	0.000	3.548	3.561	2.662	0.000
TWh Generated Qualifying	0.000	-3548.	-3561.	-2662.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3515.	1680.	206.8	0.000

Constraint Name: #7 - BART SO2 Constraint (CTL)      Constraint #: 36  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	2.523	2.573	2.291	0.3559
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.523	2.573	2.291	0.3559
TBtu Consumed	0.000	33.64	34.31	30.55	9.161
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.7770E-01
TWh Generated	0.000	3.222	3.286	2.927	0.8765
TWh Generated Qualifying	0.000	-3222.	-3286.	-2927.	-876.5
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3373.	1680.	192.2	0.000

Constraint Name: #7 - BART SO2 Constraint (DJB)      Constraint #: 37  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (DPY)      Constraint #: 38  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	1.841	1.841	1.437	0.9049
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	1.841	1.841	1.437	0.9049
TBtu Consumed	0.000	24.54	24.54	22.66	12.07
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1269	0.1500
TWh Generated	0.000	2.325	2.325	2.146	1.143
TWh Generated Qualifying	0.000	-2325.	-2325.	-2146.	-1143.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	510.7	409.4	0.000	53.67

Constraint Name: #8a - Dummy BART NOx Constraint  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 39

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	0.000	0.1000E+06	0.1000E+06	0.1000E+06	0.1000E+06
-Emissions at Affected Plants [MTons]	0.000	279.8	245.2	153.8	30.67
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	279.8	245.2	153.8	30.67
TBtu Consumed	0.000	2853.	2980.	2210.	1078.
Rate - [lb/MMBtu]	0.000	0.1961	0.1645	0.1392	0.5691E-01
TWh Generated	0.000	279.6	317.2	252.7	148.8
TWh Generated Qualifying	0.000	-0.2796E+06	-0.3172E+06	-0.2527E+06	-0.1488E+06
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: #8b - Dummy AR, CT, DE, MA, NH, NJ NOx Constraint    Constraint #: 40  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	0.1000E+06	0.1000E+06	0.1000E+06	0.1000E+06	0.1000E+06
-Emissions at Affected Plants [MTons]	60.70	32.21	26.51	18.24	13.73
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	60.70	32.21	26.51	18.24	13.73
TBtu Consumed	1346.	1031.	888.6	779.7	1046.
Rate - [lb/MMBtu]	0.9022E-01	0.6248E-01	0.5967E-01	0.4678E-01	0.2624E-01
TWh Generated	150.7	123.3	105.8	93.59	119.8
TWh Generated Qualifying	-0.1507E+06	-0.1421E+06	-0.1356E+06	-0.2020E+06	-0.3064E+06
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: #8c - Dummy SCR&SNCR NOx Constraint  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 41

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	0.1000E+06	0.1000E+06	0.1000E+06	0.1000E+06	0.1000E+06
-Emissions at Affected Plants [MTons]	37.70	33.59	32.44	26.36	13.61
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	37.70	33.59	32.44	26.36	13.61
TBTu Consumed	1002.	865.0	886.0	732.2	399.6
Rate - [lb/MMBtu]	0.7524E-01	0.7766E-01	0.7322E-01	0.7201E-01	0.6813E-01
TWh Generated	99.12	86.10	92.02	76.79	43.44
TWh Generated Qualifying	-0.9912E+05	-0.8610E+05	-0.9202E+05	-0.7679E+05	-0.4344E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - MER Rate Annual (C Constraint #: 42  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.6000E-06	0.6000E-06	0.6000E-06	0.6000E-06	0.6000E-06
-Emissions at Affected Plants [Lb]	14.89	10.96	11.31	7.978	6.969
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	14.89	10.96	11.31	7.978	6.969
TBtu Consumed	27.73	27.73	27.66	27.73	24.22
Rate - [lb/MMBtu]	0.5371E-06	0.3954E-06	0.4087E-06	0.2878E-06	0.2878E-06
TWh Generated	2.725	2.722	2.716	2.722	2.378
TWh Generated Qualifying	-2725.	-2722.	-2716.	-2722.	-2378.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Connecticut Facility Specific - MER Rate Annual (D Constraint #: 43  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.6000E-06	0.6000E-06	0.6000E-06	0.6000E-06	0.6000E-06
-Emissions at Affected Plants [Lb]	4.557	4.557	4.512	3.686	1.927
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	4.557	4.557	4.512	3.686	1.927
TBtu Consumed	7.595	7.595	7.595	7.178	3.754
Rate - [lb/MMBtu]	0.6000E-06	0.6000E-06	0.5940E-06	0.5135E-06	0.5134E-06
TWh Generated	0.6841	0.6841	0.6841	0.6466	0.3381
TWh Generated Qualifying	-684.1	-684.1	-684.1	-646.6	-338.1
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.3576E+06	0.1834E+06	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - MER Rate Annual (D Constraint #: 44  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.6000E-06	0.6000E-06	0.6000E-06	0.6000E-06	0.6000E-06
-Emissions at Affected Plants [Lb]	4.460	4.460	4.415	3.816	3.333
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	4.460	4.460	4.415	3.816	3.333
TBtu Consumed	7.433	7.433	7.433	7.433	6.492
Rate - [lb/MMBtu]	0.6000E-06	0.6000E-06	0.5940E-06	0.5135E-06	0.5134E-06
TWh Generated	0.6841	0.6841	0.6841	0.6841	0.5976
TWh Generated Qualifying	-684.1	-684.1	-684.1	-684.1	-597.6
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.3576E+06	0.1834E+06	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 45)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.2465E-02	0.1323E-02	0.4852E-03	0.4852E-03	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.2465E-02	0.1323E-02	0.4852E-03	0.4852E-03	0.000
TBtu Consumed	0.1591	0.8536E-01	0.3130E-01	0.3130E-01	0.000
Rate - [lb/MMBtu]	0.3100E-01	0.3100E-01	0.3100E-01	0.3100E-01	0.000
TWh Generated	0.1767E-01	0.9484E-02	0.3478E-02	0.3478E-02	0.000
TWh Generated Qualifying	-17.67	-9.484	-3.478	-3.478	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 46  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.1861E-02	0.9987E-03	0.3662E-03	0.3662E-03	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1861E-02	0.9987E-03	0.3662E-03	0.3662E-03	0.000
TBtu Consumed	0.1378	0.7398E-01	0.2713E-01	0.2713E-01	0.000
Rate - [lb/MMBtu]	0.2700E-01	0.2700E-01	0.2700E-01	0.2700E-01	0.000
TWh Generated	0.1532E-01	0.8220E-02	0.3014E-02	0.3014E-02	0.000
TWh Generated Qualifying	-15.32	-8.220	-3.014	-3.014	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 47)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.5567E-02	0.2988E-02	0.1096E-02	0.1096E-02	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.5567E-02	0.2988E-02	0.1096E-02	0.1096E-02	0.000
TBtu Consumed	0.1591	0.8536E-01	0.3130E-01	0.3130E-01	0.000
Rate - [lb/MMBtu]	0.7000E-01	0.7000E-01	0.7000E-01	0.7000E-01	0.000
TWh Generated	0.1767E-01	0.9484E-02	0.3478E-02	0.3478E-02	0.000
TWh Generated Qualifying	-17.67	-9.484	-3.478	-3.478	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 48  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.2301E-02	0.1235E-02	0.4528E-03	0.4528E-03	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.2301E-02	0.1235E-02	0.4528E-03	0.4528E-03	0.000
TBtu Consumed	0.1485	0.7967E-01	0.2921E-01	0.2921E-01	0.000
Rate - [lb/MMBtu]	0.3100E-01	0.3100E-01	0.3100E-01	0.3100E-01	0.000
TWh Generated	0.1649E-01	0.8852E-02	0.3246E-02	0.3246E-02	0.000
TWh Generated Qualifying	-16.49	-8.852	-3.246	-3.246	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 49)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.2757E-02	0.1480E-02	0.5426E-03	0.5426E-03	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.2757E-02	0.1480E-02	0.5426E-03	0.5426E-03	0.000
TBtu Consumed	0.1414	0.7588E-01	0.2782E-01	0.2782E-01	0.000
Rate - [lb/MMBtu]	0.3900E-01	0.3900E-01	0.3900E-01	0.3900E-01	0.000
TWh Generated	0.1571E-01	0.8431E-02	0.3092E-02	0.3092E-02	0.000
TWh Generated Qualifying	-15.71	-8.430	-3.091	-3.091	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 50  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 51  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 52  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 53  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 54  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 55  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 56  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 57  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 58  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 59  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 60  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 61  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 62  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 63  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 64  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 65  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 66  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 67  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.1645E-02	0.1645E-02	0.1645E-02	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1645E-02	0.1645E-02	0.1645E-02	0.000	0.000
TBtu Consumed	0.2492E-01	0.2492E-01	0.2492E-01	0.000	0.000
Rate - [lb/MMBtu]	0.1320	0.1320	0.1320	0.000	0.000
TWh Generated	0.2551E-02	0.2551E-02	0.2551E-02	0.000	0.000
TWh Generated Qualifying	-2.550	-2.550	-2.550	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 68  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.1427E-02	0.1427E-02	0.1427E-02	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1427E-02	0.1427E-02	0.1427E-02	0.000	0.000
TBtu Consumed	0.2266E-01	0.2266E-01	0.2266E-01	0.000	0.000
Rate - [lb/MMBtu]	0.1260	0.1260	0.1260	0.000	0.000
TWh Generated	0.2319E-02	0.2319E-02	0.2319E-02	0.000	0.000
TWh Generated Qualifying	-2.319	-2.319	-2.319	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 69  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.1522E-02	0.1522E-02	0.1522E-02	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1522E-02	0.1522E-02	0.1522E-02	0.000	0.000
TBtu Consumed	0.2341E-01	0.2341E-01	0.2341E-01	0.000	0.000
Rate - [lb/MMBtu]	0.1300	0.1300	0.1300	0.000	0.000
TWh Generated	0.2396E-02	0.2396E-02	0.2396E-02	0.000	0.000
TWh Generated Qualifying	-2.396	-2.396	-2.396	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A Constraint #: 70  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.1473E-02	0.1473E-02	0.1473E-02	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1473E-02	0.1473E-02	0.1473E-02	0.000	0.000
TBtu Consumed	0.2266E-01	0.2266E-01	0.2266E-01	0.000	0.000
Rate - [lb/MMBtu]	0.1300	0.1300	0.1300	0.000	0.000
TWh Generated	0.2319E-02	0.2319E-02	0.2319E-02	0.000	0.000
TWh Generated Qualifying	-2.319	-2.319	-2.319	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (B Constraint #: 71  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.1509E-01	0.1509E-01	0.5021E-02	0.2744E-02	0.5580E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1509E-01	0.1509E-01	0.5021E-02	0.2744E-02	0.5580E-03
TBtu Consumed	1.509	1.509	0.5021	0.2744	0.5580E-01
Rate - [lb/MMBtu]	0.2000E-01	0.2000E-01	0.2000E-01	0.2000E-01	0.2000E-01
TWh Generated	0.1889	0.1889	0.6287E-01	0.3436E-01	0.6987E-02
TWh Generated Qualifying	-188.9	-188.9	-62.87	-34.36	-6.987
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (B Constraint #: 72  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.1659E-01	0.1659E-01	0.5523E-02	0.4901E-02	0.3008E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1659E-01	0.1659E-01	0.5523E-02	0.4901E-02	0.3008E-03
TBtu Consumed	1.509	1.509	0.5021	0.4456	0.2735E-01
Rate - [lb/MMBtu]	0.2200E-01	0.2200E-01	0.2200E-01	0.2200E-01	0.2200E-01
TWh Generated	0.1889	0.1889	0.6287E-01	0.5579E-01	0.3425E-02
TWh Generated Qualifying	-188.9	-188.9	-62.87	-55.79	-3.425
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (B Constraint #: 73  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.1491E-01	0.1491E-01	0.4962E-02	0.4962E-02	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1491E-01	0.1491E-01	0.4962E-02	0.4962E-02	0.000
TBtu Consumed	1.420	1.420	0.4726	0.4726	0.000
Rate - [lb/MMBtu]	0.2100E-01	0.2100E-01	0.2100E-01	0.2100E-01	0.000
TWh Generated	0.1778	0.1778	0.5917E-01	0.5917E-01	0.000
TWh Generated Qualifying	-177.8	-177.8	-59.17	-59.17	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (B Constraint #: 74  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.3128E-01	0.2787E-01	0.2613E-01	0.2346E-01	0.4688E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3128E-01	0.2787E-01	0.2613E-01	0.2346E-01	0.4688E-02
BTtu Consumed	12.51	11.15	10.45	9.383	1.875
Rate - [lb/MMBtu]	0.5000E-02	0.5000E-02	0.5000E-02	0.5000E-02	0.5000E-02
TWh Generated	1.720	1.533	1.437	1.290	0.2578
TWh Generated Qualifying	-1720.	-1533.	-1437.	-1290.	-257.8
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Connecticut Facility Specific - NOX Rate Annual (B Constraint #: 75  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.9793E-01	0.9793E-01	0.7345E-01	0.5687E-01	0.9151E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.9793E-01	0.9793E-01	0.7345E-01	0.5687E-01	0.9151E-02
TBtu Consumed	12.24	12.24	9.181	7.109	1.144
Rate - [lb/MMBtu]	0.1600E-01	0.1600E-01	0.1600E-01	0.1600E-01	0.1600E-01
TWh Generated	1.683	1.683	1.262	0.9773	0.1573
TWh Generated Qualifying	-1683.	-1683.	-1262.	-977.2	-157.3
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (B Constraint #: 76  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.1100	0.9802E-01	0.9802E-01	0.8251E-01	0.3510E-01
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1100	0.9802E-01	0.9802E-01	0.8251E-01	0.3510E-01
TBtu Consumed	13.75	12.25	12.25	10.31	4.388
Rate - [lb/MMBtu]	0.1600E-01	0.1600E-01	0.1600E-01	0.1600E-01	0.1600E-01
TWh Generated	1.890	1.684	1.684	1.418	0.6032
TWh Generated Qualifying	-1890.	-1684.	-1684.	-1418.	-603.2
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (B Constraint #: 77  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.2858	0.2858	0.2858	0.2547	0.2143
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.2858	0.2858	0.2858	0.2547	0.2143
TBtu Consumed	12.16	12.16	12.16	10.84	9.121
Rate - [lb/MMBtu]	0.4700E-01	0.4700E-01	0.4700E-01	0.4700E-01	0.4700E-01
TWh Generated	1.720	1.720	1.720	1.533	1.290
TWh Generated Qualifying	-1720.	-1720.	-1720.	-1533.	-1290.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (B Constraint #: 78  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.2858	0.2858	0.2858	0.2709	0.2143
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.2858	0.2858	0.2858	0.2709	0.2143
TBtu Consumed	12.16	12.16	12.16	11.53	9.121
Rate - [lb/MMBtu]	0.4700E-01	0.4700E-01	0.4700E-01	0.4700E-01	0.4700E-01
TWh Generated	1.720	1.720	1.720	1.630	1.290
TWh Generated Qualifying	-1720.	-1720.	-1720.	-1630.	-1290.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (B Constraint #: 79  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.2960E-02	0.2960E-02	0.5825E-03	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.2960E-02	0.2960E-02	0.5825E-03	0.000	0.000
TBtu Consumed	0.6805E-01	0.6805E-01	0.1339E-01	0.000	0.000
Rate - [lb/MMBtu]	0.8700E-01	0.8700E-01	0.8700E-01	0.000	0.000
TWh Generated	0.7397E-02	0.7397E-02	0.1456E-02	0.000	0.000
TWh Generated Qualifying	-7.396	-7.396	-1.456	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (B Constraint #: 80  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.4736E-02	0.4736E-02	0.9320E-03	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.4736E-02	0.4736E-02	0.9320E-03	0.000	0.000
TBtu Consumed	0.1089	0.1089	0.2143E-01	0.000	0.000
Rate - [lb/MMBtu]	0.8700E-01	0.8700E-01	0.8700E-01	0.000	0.000
TWh Generated	0.1183E-01	0.1183E-01	0.2329E-02	0.000	0.000
TWh Generated Qualifying	-11.83	-11.83	-2.329	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (B Constraint #: 81  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.1311E-02	0.7402E-03	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1311E-02	0.7402E-03	0.000	0.000	0.000
TBtu Consumed	0.1927E-01	0.1088E-01	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.1360	0.1360	0.000	0.000	0.000
TWh Generated	0.1892E-02	0.1069E-02	0.000	0.000	0.000
TWh Generated Qualifying	-1.892	-1.069	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (C Constraint #: 82  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	1.913	1.913	1.909	1.913	1.671
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.913	1.913	1.909	1.913	1.671
TBtu Consumed	27.73	27.73	27.66	27.73	24.22
Rate - [lb/MMBtu]	0.1380	0.1380	0.1380	0.1380	0.1380
TWh Generated	2.725	2.722	2.716	2.722	2.378
TWh Generated Qualifying	-2725.	-2722.	-2716.	-2722.	-2378.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Connecticut Facility Specific - NOX Rate Annual (C Constraint #: 83  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (C Constraint #: 84  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (C Constraint #: 85  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.1215E+07	0.6151E+06	0.5517E+06	0.4832E+06	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (D Constraint #: 86  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.2962	0.2962	0.2962	0.2799	0.1464
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.2962	0.2962	0.2962	0.2799	0.1464
TBtu Consumed	7.595	7.595	7.595	7.178	3.754
Rate - [lb/MMBtu]	0.7800E-01	0.7800E-01	0.7800E-01	0.7800E-01	0.7800E-01
TWh Generated	0.6841	0.6841	0.6841	0.6466	0.3381
TWh Generated Qualifying	-684.1	-684.1	-684.1	-646.6	-338.1
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (D Constraint #: 87  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.2936	0.2936	0.2936	0.2936	0.2564
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.2936	0.2936	0.2936	0.2936	0.2564
TBtu Consumed	7.433	7.433	7.433	7.433	6.492
Rate - [lb/MMBtu]	0.7900E-01	0.7900E-01	0.7900E-01	0.7900E-01	0.7900E-01
TWh Generated	0.6841	0.6841	0.6841	0.6841	0.5976
TWh Generated Qualifying	-684.1	-684.1	-684.1	-684.1	-597.6
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (D Constraint #: 88  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (D Constraint #: 89  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (D Constraint #: 90  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Connecticut Facility Specific - NOX Rate Annual (D Constraint #: 91  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (D Constraint #: 92  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1119.	940.4	40.44	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (D Constraint #: 93  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	1566.	0.000	940.4	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (D Constraint #: 94  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (D Constraint #: 95  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 96  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.1591	0.8536E-01	0.3130E-01	0.3130E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1767E-01	0.9484E-02	0.3478E-02	0.3478E-02	0.000
TWh Generated Qualifying	-17.67	-9.484	-3.478	-3.478	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 97  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.1378	0.7398E-01	0.2713E-01	0.2713E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1532E-01	0.8220E-02	0.3014E-02	0.3014E-02	0.000
TWh Generated Qualifying	-15.32	-8.220	-3.014	-3.014	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 98  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.1591	0.8536E-01	0.3130E-01	0.3130E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1767E-01	0.9484E-02	0.3478E-02	0.3478E-02	0.000
TWh Generated Qualifying	-17.67	-9.484	-3.478	-3.478	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 99  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.1485	0.7967E-01	0.2921E-01	0.2921E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1649E-01	0.8852E-02	0.3246E-02	0.3246E-02	0.000
TWh Generated Qualifying	-16.49	-8.852	-3.246	-3.246	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 100  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.1414	0.7588E-01	0.2782E-01	0.2782E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1571E-01	0.8431E-02	0.3092E-02	0.3092E-02	0.000
TWh Generated Qualifying	-15.71	-8.430	-3.091	-3.091	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 101  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 102  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 103  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 104  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 105  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 106  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 107  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 108  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 109)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 110  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 111  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 112  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 113  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 114  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 115  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 116  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 117  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 118  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.2492E-01	0.2492E-01	0.2492E-01	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.2551E-02	0.2551E-02	0.2551E-02	0.000	0.000
TWh Generated Qualifying	-2.550	-2.550	-2.550	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 119  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.2266E-01	0.2266E-01	0.2266E-01	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.2319E-02	0.2319E-02	0.2319E-02	0.000	0.000
TWh Generated Qualifying	-2.319	-2.319	-2.319	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 120  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.2341E-01	0.2341E-01	0.2341E-01	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.2396E-02	0.2396E-02	0.2396E-02	0.000	0.000
TWh Generated Qualifying	-2.396	-2.396	-2.396	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A Constraint #: 121  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.2266E-01	0.2266E-01	0.2266E-01	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.2319E-02	0.2319E-02	0.2319E-02	0.000	0.000
TWh Generated Qualifying	-2.319	-2.319	-2.319	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (B Constraint #: 122)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	1.509	1.509	0.5021	0.2744	0.5580E-01
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1889	0.1889	0.6287E-01	0.3436E-01	0.6987E-02
TWh Generated Qualifying	-188.9	-188.9	-62.87	-34.36	-6.987
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (B Constraint #: 123  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	1.509	1.509	0.5021	0.4456	0.2735E-01
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1889	0.1889	0.6287E-01	0.5579E-01	0.3425E-02
TWh Generated Qualifying	-188.9	-188.9	-62.87	-55.79	-3.425
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (B Constraint #: 124  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	1.420	1.420	0.4726	0.4726	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1778	0.1778	0.5917E-01	0.5917E-01	0.000
TWh Generated Qualifying	-177.8	-177.8	-59.17	-59.17	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (B Constraint #: 125  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	12.51	11.15	10.45	9.383	1.875
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.720	1.533	1.437	1.290	0.2578
TWh Generated Qualifying	-1720.	-1533.	-1437.	-1290.	-257.8
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (B Constraint #: 126  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	12.24	12.24	9.181	7.109	1.144
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.683	1.683	1.262	0.9773	0.1573
TWh Generated Qualifying	-1683.	-1683.	-1262.	-977.2	-157.3
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (B Constraint #: 127  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	13.75	12.25	12.25	10.31	4.388
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.890	1.684	1.684	1.418	0.6032
TWh Generated Qualifying	-1890.	-1684.	-1684.	-1418.	-603.2
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (B Constraint #: 128  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	12.16	12.16	12.16	10.84	9.121
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.720	1.720	1.720	1.533	1.290
TWh Generated Qualifying	-1720.	-1720.	-1720.	-1533.	-1290.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (B Constraint #: 129  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	12.16	12.16	12.16	11.53	9.121
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.720	1.720	1.720	1.630	1.290
TWh Generated Qualifying	-1720.	-1720.	-1720.	-1630.	-1290.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (B Constraint #: 130)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.6805E-01	0.6805E-01	0.1339E-01	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.7397E-02	0.7397E-02	0.1456E-02	0.000	0.000
TWh Generated Qualifying	-7.396	-7.396	-1.456	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (B Constraint #: 131  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.1089	0.1089	0.2143E-01	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1183E-01	0.1183E-01	0.2329E-02	0.000	0.000
TWh Generated Qualifying	-11.83	-11.83	-2.329	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (B Constraint #: 132)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.1927E-01	0.1088E-01	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1892E-02	0.1069E-02	0.000	0.000	0.000
TWh Generated Qualifying	-1.892	-1.069	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (C Constraint #: 133  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	4.575	2.079	2.075	1.500	1.310
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	4.575	2.079	2.075	1.500	1.310
TBtu Consumed	27.73	27.73	27.66	27.73	24.22
Rate - [lb/MMBtu]	0.3300	0.1500	0.1500	0.1082	0.1082
TWh Generated	2.725	2.722	2.716	2.722	2.378
TWh Generated Qualifying	-2725.	-2722.	-2716.	-2722.	-2378.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	636.6	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (C Constraint #: 134  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (C Constraint #: 135  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (C Constraint #: 136  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (D Constraint #: 137)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.6771	0.5301	0.5241	0.4275	0.2235
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.6771	0.5301	0.5241	0.4275	0.2235
TBtu Consumed	7.595	7.595	7.595	7.178	3.754
Rate - [lb/MMBtu]	0.1783	0.1396	0.1380	0.1191	0.1191
TWh Generated	0.6841	0.6841	0.6841	0.6466	0.3381
TWh Generated Qualifying	-684.1	-684.1	-684.1	-646.6	-338.1
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (D Constraint #: 138)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.7295	0.5188	0.5128	0.4426	0.3866
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.7295	0.5188	0.5128	0.4426	0.3866
TBtu Consumed	7.433	7.433	7.433	7.433	6.492
Rate - [lb/MMBtu]	0.1963	0.1396	0.1380	0.1191	0.1191
TWh Generated	0.6841	0.6841	0.6841	0.6841	0.5976
TWh Generated Qualifying	-684.1	-684.1	-684.1	-684.1	-597.6
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (D Constraint #: 139)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (D Constraint #: 140  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (D Constraint #: 141  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	9823.	3109.	2347.	1135.	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (D Constraint #: 142)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.1001E+05	3321.	2575.	1359.	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (D Constraint #: 143)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (D Constraint #: 144  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (D Constraint #: 145  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (D Constraint #: 146  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3300	0.3300	0.3300	0.3300	0.3300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	8365.	1771.	908.5	0.000	0.000



Constraint Name: Illinois Facility Average - NOX Rate Summer      Constraint #: 147  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	33.71	31.50	28.59	11.10	3.256
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	33.71	31.50	28.59	11.10	3.256
TBtu Consumed	467.8	397.9	371.6	186.3	82.88
Rate - [lb/MMBtu]	0.1441	0.1583	0.1539	0.1192	0.7856E-01
TWh Generated	44.68	38.24	35.78	18.38	8.238
TWh Generated Qualifying	-0.4468E+05	-0.3824E+05	-0.3578E+05	-0.1838E+05	-8237.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADG) Constraint #: 148  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADH) Constraint #: 149  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADI) Constraint #: 150  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADJ) Constraint #: 151  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADK) Constraint #: 152  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.7932E-03	0.7932E-03	0.7932E-03	0.7932E-03	0.7932E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.7932E-03	0.7932E-03	0.7932E-03	0.7932E-03	0.7932E-03
TBtu Consumed	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01
Rate - [lb/MMBtu]	0.2800E-01	0.2800E-01	0.2800E-01	0.2800E-01	0.2800E-01
TWh Generated	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02
TWh Generated Qualifying	-4.936	-4.936	-4.936	-4.936	-4.936
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADL) Constraint #: 153  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1303E-02	0.1303E-02	0.1303E-02	0.1303E-02	0.1303E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1303E-02	0.1303E-02	0.1303E-02	0.1303E-02	0.1303E-02
TBtu Consumed	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01
Rate - [lb/MMBtu]	0.4600E-01	0.4600E-01	0.4600E-01	0.4600E-01	0.4600E-01
TWh Generated	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02
TWh Generated Qualifying	-4.936	-4.936	-4.936	-4.936	-4.936
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADM) Constraint #: 154  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.9066E-03	0.9066E-03	0.9066E-03	0.9066E-03	0.9066E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.9066E-03	0.9066E-03	0.9066E-03	0.9066E-03	0.9066E-03
TBtu Consumed	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01
Rate - [lb/MMBtu]	0.3200E-01	0.3200E-01	0.3200E-01	0.3200E-01	0.3200E-01
TWh Generated	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02
TWh Generated Qualifying	-4.936	-4.936	-4.936	-4.936	-4.936
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADN) Constraint #: 155  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1020E-02	0.1020E-02	0.1020E-02	0.1020E-02	0.1020E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1020E-02	0.1020E-02	0.1020E-02	0.1020E-02	0.1020E-02
TBtu Consumed	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01
Rate - [lb/MMBtu]	0.3600E-01	0.3600E-01	0.3600E-01	0.3600E-01	0.3600E-01
TWh Generated	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02
TWh Generated Qualifying	-4.936	-4.936	-4.936	-4.936	-4.936
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADO) Constraint #: 156  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1682E-01	0.5595E-02	0.5595E-02	0.5595E-02	0.5595E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1682E-01	0.5595E-02	0.5595E-02	0.5595E-02	0.5595E-02
TBtu Consumed	0.7821	0.2602	0.2602	0.2602	0.2602
Rate - [lb/MMBtu]	0.4300E-01	0.4300E-01	0.4300E-01	0.4300E-01	0.4300E-01
TWh Generated	0.7742E-01	0.2576E-01	0.2576E-01	0.2576E-01	0.2576E-01
TWh Generated Qualifying	-77.42	-25.76	-25.76	-25.76	-25.76
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADP) Constraint #: 157  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1901E-01	0.6327E-02	0.6327E-02	0.6327E-02	0.6327E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1901E-01	0.6327E-02	0.6327E-02	0.6327E-02	0.6327E-02
TBtu Consumed	0.7923	0.2636	0.2636	0.2636	0.2636
Rate - [lb/MMBtu]	0.4800E-01	0.4800E-01	0.4800E-01	0.4800E-01	0.4800E-01
TWh Generated	0.7842E-01	0.2609E-01	0.2609E-01	0.2609E-01	0.2609E-01
TWh Generated Qualifying	-78.42	-26.09	-26.09	-26.09	-26.09
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADQ) Constraint #: 158  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADR) Constraint #: 159  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADS) Constraint #: 160  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADT) Constraint #: 161  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADU) Constraint #: 162  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADV) Constraint #: 163  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADW) Constraint #: 164  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADX) Constraint #: 165  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADY) Constraint #: 166  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1332E-02	0.1332E-02	0.1332E-02	0.1332E-02	0.1332E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1332E-02	0.1332E-02	0.1332E-02	0.1332E-02	0.1332E-02
TBtu Consumed	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01
Rate - [lb/MMBtu]	0.4700E-01	0.4700E-01	0.4700E-01	0.4700E-01	0.4700E-01
TWh Generated	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02
TWh Generated Qualifying	-4.936	-4.936	-4.936	-4.936	-4.936
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ADZ) Constraint #: 167  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1133E-02	0.1133E-02	0.1133E-02	0.1133E-02	0.1133E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1133E-02	0.1133E-02	0.1133E-02	0.1133E-02	0.1133E-02
TBtu Consumed	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01
Rate - [lb/MMBtu]	0.4000E-01	0.4000E-01	0.4000E-01	0.4000E-01	0.4000E-01
TWh Generated	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02
TWh Generated Qualifying	-4.936	-4.936	-4.936	-4.936	-4.936
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEA) Constraint #: 168  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1615E-02	0.1615E-02	0.1615E-02	0.1615E-02	0.1615E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1615E-02	0.1615E-02	0.1615E-02	0.1615E-02	0.1615E-02
TBtu Consumed	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01
Rate - [lb/MMBtu]	0.5700E-01	0.5700E-01	0.5700E-01	0.5700E-01	0.5700E-01
TWh Generated	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02
TWh Generated Qualifying	-4.936	-4.936	-4.936	-4.936	-4.936
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEB) Constraint #: 169  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1813E-02	0.1813E-02	0.1813E-02	0.1813E-02	0.1813E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1813E-02	0.1813E-02	0.1813E-02	0.1813E-02	0.1813E-02
TBtu Consumed	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01
Rate - [lb/MMBtu]	0.6400E-01	0.6400E-01	0.6400E-01	0.6400E-01	0.6400E-01
TWh Generated	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02
TWh Generated Qualifying	-4.936	-4.936	-4.936	-4.936	-4.936
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEC) Constraint #: 170  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1360E-02	0.1360E-02	0.1360E-02	0.1360E-02	0.1360E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1360E-02	0.1360E-02	0.1360E-02	0.1360E-02	0.1360E-02
TBtu Consumed	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01
Rate - [lb/MMBtu]	0.4800E-01	0.4800E-01	0.4800E-01	0.4800E-01	0.4800E-01
TWh Generated	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02
TWh Generated Qualifying	-4.936	-4.936	-4.936	-4.936	-4.936
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Illinois Facility Specific - NOX Rate Summer (AED) Constraint #: 171  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.3840E-02	0.3840E-02	0.3840E-02	0.3840E-02	0.3840E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3840E-02	0.3840E-02	0.3840E-02	0.3840E-02	0.3840E-02
TBtu Consumed	0.7758E-01	0.7758E-01	0.7758E-01	0.7758E-01	0.7758E-01
Rate - [lb/MMBtu]	0.9900E-01	0.9900E-01	0.9900E-01	0.9900E-01	0.9900E-01
TWh Generated	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-7.477	-7.477	-7.477	-7.477	-7.477
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEE) Constraint #: 172  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.5361E-02	0.5361E-02	0.5361E-02	0.5361E-02	0.5361E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.5361E-02	0.5361E-02	0.5361E-02	0.5361E-02	0.5361E-02
TBtu Consumed	0.2898	0.2898	0.2898	0.2898	0.2898
Rate - [lb/MMBtu]	0.3700E-01	0.3700E-01	0.3700E-01	0.3700E-01	0.3700E-01
TWh Generated	0.2793E-01	0.2793E-01	0.2793E-01	0.2793E-01	0.2793E-01
TWh Generated Qualifying	-27.93	-27.93	-27.93	-27.93	-27.93
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEF) Constraint #: 173  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.6086E-02	0.6086E-02	0.6086E-02	0.6086E-02	0.6086E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.6086E-02	0.6086E-02	0.6086E-02	0.6086E-02	0.6086E-02
TBtu Consumed	0.2898	0.2898	0.2898	0.2898	0.2898
Rate - [lb/MMBtu]	0.4200E-01	0.4200E-01	0.4200E-01	0.4200E-01	0.4200E-01
TWh Generated	0.2793E-01	0.2793E-01	0.2793E-01	0.2793E-01	0.2793E-01
TWh Generated Qualifying	-27.93	-27.93	-27.93	-27.93	-27.93
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEG) Constraint #: 174  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.6231E-02	0.6231E-02	0.6231E-02	0.6231E-02	0.6231E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.6231E-02	0.6231E-02	0.6231E-02	0.6231E-02	0.6231E-02
TBtu Consumed	0.2898	0.2898	0.2898	0.2898	0.2898
Rate - [lb/MMBtu]	0.4300E-01	0.4300E-01	0.4300E-01	0.4300E-01	0.4300E-01
TWh Generated	0.2793E-01	0.2793E-01	0.2793E-01	0.2793E-01	0.2793E-01
TWh Generated Qualifying	-27.93	-27.93	-27.93	-27.93	-27.93
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEH) Constraint #: 175  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.3491E-02	0.3491E-02	0.3491E-02	0.3491E-02	0.3491E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3491E-02	0.3491E-02	0.3491E-02	0.3491E-02	0.3491E-02
TBtu Consumed	0.7758E-01	0.7758E-01	0.7758E-01	0.7758E-01	0.7758E-01
Rate - [lb/MMBtu]	0.9000E-01	0.9000E-01	0.9000E-01	0.9000E-01	0.9000E-01
TWh Generated	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-7.477	-7.477	-7.477	-7.477	-7.477
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEI) Constraint #: 176  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.3375E-02	0.3375E-02	0.3375E-02	0.3375E-02	0.3375E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3375E-02	0.3375E-02	0.3375E-02	0.3375E-02	0.3375E-02
TBtu Consumed	0.7758E-01	0.7758E-01	0.7758E-01	0.7758E-01	0.7758E-01
Rate - [lb/MMBtu]	0.8700E-01	0.8700E-01	0.8700E-01	0.8700E-01	0.8700E-01
TWh Generated	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-7.477	-7.477	-7.477	-7.477	-7.477
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEJ) Constraint #: 177  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.3452E-02	0.3452E-02	0.3452E-02	0.3452E-02	0.3452E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3452E-02	0.3452E-02	0.3452E-02	0.3452E-02	0.3452E-02
TBtu Consumed	0.7758E-01	0.7758E-01	0.7758E-01	0.7758E-01	0.7758E-01
Rate - [lb/MMBtu]	0.8900E-01	0.8900E-01	0.8900E-01	0.8900E-01	0.8900E-01
TWh Generated	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-7.477	-7.477	-7.477	-7.477	-7.477
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEK) Constraint #: 178  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.3413E-02	0.3413E-02	0.3413E-02	0.3413E-02	0.3413E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3413E-02	0.3413E-02	0.3413E-02	0.3413E-02	0.3413E-02
TBtu Consumed	0.7758E-01	0.7758E-01	0.7758E-01	0.7758E-01	0.7758E-01
Rate - [lb/MMBtu]	0.8800E-01	0.8800E-01	0.8800E-01	0.8800E-01	0.8800E-01
TWh Generated	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-7.477	-7.477	-7.477	-7.477	-7.477
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEL) Constraint #: 179  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.3840E-02	0.3840E-02	0.3840E-02	0.3840E-02	0.3840E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3840E-02	0.3840E-02	0.3840E-02	0.3840E-02	0.3840E-02
TBtu Consumed	0.7758E-01	0.7758E-01	0.7758E-01	0.7758E-01	0.7758E-01
Rate - [lb/MMBtu]	0.9900E-01	0.9900E-01	0.9900E-01	0.9900E-01	0.9900E-01
TWh Generated	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-7.477	-7.477	-7.477	-7.477	-7.477
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEM) Constraint #: 180  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.4449E-03	0.1290E-03	0.4449E-03	0.4449E-03	0.4449E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.4449E-03	0.1290E-03	0.4449E-03	0.4449E-03	0.4449E-03
TBtu Consumed	0.2966E-01	0.8601E-02	0.2966E-01	0.2966E-01	0.2966E-01
Rate - [lb/MMBtu]	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01
TWh Generated	0.2336E-02	0.6774E-03	0.2336E-02	0.2336E-02	0.2336E-02
TWh Generated Qualifying	-2.336	-0.6774	-2.336	-2.336	-2.336
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEN) Constraint #: 181  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.3369E-03	0.5043E-03	0.5043E-03	0.5043E-03	0.5043E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3369E-03	0.5043E-03	0.5043E-03	0.5043E-03	0.5043E-03
TBtu Consumed	0.1982E-01	0.2966E-01	0.2966E-01	0.2966E-01	0.2966E-01
Rate - [lb/MMBtu]	0.3400E-01	0.3400E-01	0.3400E-01	0.3400E-01	0.3400E-01
TWh Generated	0.1561E-02	0.2336E-02	0.2336E-02	0.2336E-02	0.2336E-02
TWh Generated Qualifying	-1.561	-2.336	-2.336	-2.336	-2.336
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEO) Constraint #: 182  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.5339E-03	0.5339E-03	0.5339E-03	0.5339E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.5339E-03	0.5339E-03	0.5339E-03	0.5339E-03
TBtu Consumed	0.000	0.2966E-01	0.2966E-01	0.2966E-01	0.2966E-01
Rate - [lb/MMBtu]	0.000	0.3600E-01	0.3600E-01	0.3600E-01	0.3600E-01
TWh Generated	0.000	0.2336E-02	0.2336E-02	0.2336E-02	0.2336E-02
TWh Generated Qualifying	0.000	-2.336	-2.336	-2.336	-2.336
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEP) Constraint #: 183  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.5339E-03	0.5339E-03	0.5339E-03	0.5339E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.5339E-03	0.5339E-03	0.5339E-03	0.5339E-03
TBtu Consumed	0.000	0.2966E-01	0.2966E-01	0.2966E-01	0.2966E-01
Rate - [lb/MMBtu]	0.000	0.3600E-01	0.3600E-01	0.3600E-01	0.3600E-01
TWh Generated	0.000	0.2336E-02	0.2336E-02	0.2336E-02	0.2336E-02
TWh Generated Qualifying	0.000	-2.336	-2.336	-2.336	-2.336
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEQ) Constraint #: 184  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.5636E-03	0.5636E-03	0.5636E-03	0.5636E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.5636E-03	0.5636E-03	0.5636E-03	0.5636E-03
TBtu Consumed	0.000	0.2966E-01	0.2966E-01	0.2966E-01	0.2966E-01
Rate - [lb/MMBtu]	0.000	0.3800E-01	0.3800E-01	0.3800E-01	0.3800E-01
TWh Generated	0.000	0.2336E-02	0.2336E-02	0.2336E-02	0.2336E-02
TWh Generated Qualifying	0.000	-2.336	-2.336	-2.336	-2.336
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AER) Constraint #: 185  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.5933E-03	0.5933E-03	0.5933E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.5933E-03	0.5933E-03	0.5933E-03
TBtu Consumed	0.000	0.000	0.2966E-01	0.2966E-01	0.2966E-01
Rate - [lb/MMBtu]	0.000	0.000	0.4000E-01	0.4000E-01	0.4000E-01
TWh Generated	0.000	0.000	0.2336E-02	0.2336E-02	0.2336E-02
TWh Generated Qualifying	0.000	0.000	-2.336	-2.336	-2.336
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AES) Constraint #: 186  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.5784E-03	0.5784E-03	0.5784E-03	0.5784E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.5784E-03	0.5784E-03	0.5784E-03	0.5784E-03
TBtu Consumed	0.000	0.2966E-01	0.2966E-01	0.2966E-01	0.2966E-01
Rate - [lb/MMBtu]	0.000	0.3900E-01	0.3900E-01	0.3900E-01	0.3900E-01
TWh Generated	0.000	0.2336E-02	0.2336E-02	0.2336E-02	0.2336E-02
TWh Generated Qualifying	0.000	-2.336	-2.336	-2.336	-2.336
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Illinois Facility Specific - NOX Rate Summer (AET) Constraint #: 187  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.5043E-03	0.5043E-03	0.5043E-03	0.5043E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.5043E-03	0.5043E-03	0.5043E-03	0.5043E-03
TBtu Consumed	0.000	0.2966E-01	0.2966E-01	0.2966E-01	0.2966E-01
Rate - [lb/MMBtu]	0.000	0.3400E-01	0.3400E-01	0.3400E-01	0.3400E-01
TWh Generated	0.000	0.2336E-02	0.2336E-02	0.2336E-02	0.2336E-02
TWh Generated Qualifying	0.000	-2.336	-2.336	-2.336	-2.336
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEU) Constraint #: 188  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02
TBtu Consumed	0.1796E-01	0.1796E-01	0.1796E-01	0.1796E-01	0.1796E-01
Rate - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02
TWh Generated Qualifying	-1.645	-1.645	-1.645	-1.645	-1.645
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEV) Constraint #: 189  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02
TBtu Consumed	0.1796E-01	0.1796E-01	0.1796E-01	0.1796E-01	0.1796E-01
Rate - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02
TWh Generated Qualifying	-1.645	-1.645	-1.645	-1.645	-1.645
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEW) Constraint #: 190  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02
TBtu Consumed	0.1796E-01	0.1796E-01	0.1796E-01	0.1796E-01	0.1796E-01
Rate - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02
TWh Generated Qualifying	-1.645	-1.645	-1.645	-1.645	-1.645
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEX) Constraint #: 191  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02
TBtu Consumed	0.1796E-01	0.1796E-01	0.1796E-01	0.1796E-01	0.1796E-01
Rate - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02
TWh Generated Qualifying	-1.645	-1.645	-1.645	-1.645	-1.645
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEY) Constraint #: 192  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02
TBtu Consumed	0.1796E-01	0.1796E-01	0.1796E-01	0.1796E-01	0.1796E-01
Rate - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02
TWh Generated Qualifying	-1.645	-1.645	-1.645	-1.645	-1.645
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AEZ) Constraint #: 193  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02	0.1347E-02
TBtu Consumed	0.1796E-01	0.1796E-01	0.1796E-01	0.1796E-01	0.1796E-01
Rate - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02
TWh Generated Qualifying	-1.645	-1.645	-1.645	-1.645	-1.645
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AFA) Constraint #: 194  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.5651E-02	0.5651E-02	0.5651E-02	0.5651E-02	0.5651E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.5651E-02	0.5651E-02	0.5651E-02	0.5651E-02	0.5651E-02
TBtu Consumed	0.2898	0.2898	0.2898	0.2898	0.2898
Rate - [lb/MMBtu]	0.3900E-01	0.3900E-01	0.3900E-01	0.3900E-01	0.3900E-01
TWh Generated	0.2793E-01	0.2793E-01	0.2793E-01	0.2793E-01	0.2793E-01
TWh Generated Qualifying	-27.93	-27.93	-27.93	-27.93	-27.93
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Illinois Facility Specific - NOX Rate Summer (AFI) Constraint #: 195  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AFJ) Constraint #: 196  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AFK) Constraint #: 197  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AFL) Constraint #: 198  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQJ) Constraint #: 199  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.8578E-03	0.8578E-03	0.8578E-03	0.8578E-03	0.8578E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.8578E-03	0.8578E-03	0.8578E-03	0.8578E-03	0.8578E-03
TBtu Consumed	0.1751E-01	0.1751E-01	0.1751E-01	0.1751E-01	0.1751E-01
Rate - [lb/MMBtu]	0.9800E-01	0.9800E-01	0.9800E-01	0.9800E-01	0.9800E-01
TWh Generated	0.1438E-02	0.1438E-02	0.1438E-02	0.1438E-02	0.1438E-02
TWh Generated Qualifying	-1.438	-1.438	-1.438	-1.438	-1.438
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQK) Constraint #: 200  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.8316E-03	0.8316E-03	0.8316E-03	0.8316E-03	0.8316E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.8316E-03	0.8316E-03	0.8316E-03	0.8316E-03	0.8316E-03
TBtu Consumed	0.1751E-01	0.1751E-01	0.1751E-01	0.1751E-01	0.1751E-01
Rate - [lb/MMBtu]	0.9500E-01	0.9500E-01	0.9500E-01	0.9500E-01	0.9500E-01
TWh Generated	0.1438E-02	0.1438E-02	0.1438E-02	0.1438E-02	0.1438E-02
TWh Generated Qualifying	-1.438	-1.438	-1.438	-1.438	-1.438
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQL) Constraint #: 201  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.8928E-03	0.8928E-03	0.8928E-03	0.8928E-03	0.8928E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.8928E-03	0.8928E-03	0.8928E-03	0.8928E-03	0.8928E-03
TBtu Consumed	0.1751E-01	0.1751E-01	0.1751E-01	0.1751E-01	0.1751E-01
Rate - [lb/MMBtu]	0.1020	0.1020	0.1020	0.1020	0.1020
TWh Generated	0.1438E-02	0.1438E-02	0.1438E-02	0.1438E-02	0.1438E-02
TWh Generated Qualifying	-1.438	-1.438	-1.438	-1.438	-1.438
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQM) Constraint #: 202  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.9016E-03	0.9016E-03	0.9016E-03	0.9016E-03	0.9016E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.9016E-03	0.9016E-03	0.9016E-03	0.9016E-03	0.9016E-03
TBtu Consumed	0.1751E-01	0.1751E-01	0.1751E-01	0.1751E-01	0.1751E-01
Rate - [lb/MMBtu]	0.1030	0.1030	0.1030	0.1030	0.1030
TWh Generated	0.1438E-02	0.1438E-02	0.1438E-02	0.1438E-02	0.1438E-02
TWh Generated Qualifying	-1.438	-1.438	-1.438	-1.438	-1.438
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQN) Constraint #: 203  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1265E-02	0.6431E-02	0.6431E-02	0.6431E-02	0.6431E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1265E-02	0.6431E-02	0.6431E-02	0.6431E-02	0.6431E-02
TBtu Consumed	0.1543E-01	0.7843E-01	0.7843E-01	0.7843E-01	0.7843E-01
Rate - [lb/MMBtu]	0.1640	0.1640	0.1640	0.1640	0.1640
TWh Generated	0.1471E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-1.471	-7.477	-7.477	-7.477	-7.477
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQO) Constraint #: 204  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1219E-02	0.6196E-02	0.6196E-02	0.6196E-02	0.6196E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1219E-02	0.6196E-02	0.6196E-02	0.6196E-02	0.6196E-02
TBtu Consumed	0.1543E-01	0.7843E-01	0.7843E-01	0.7843E-01	0.7843E-01
Rate - [lb/MMBtu]	0.1580	0.1580	0.1580	0.1580	0.1580
TWh Generated	0.1471E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-1.471	-7.477	-7.477	-7.477	-7.477
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQP) Constraint #: 205  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1165E-02	0.5921E-02	0.5921E-02	0.5921E-02	0.5921E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1165E-02	0.5921E-02	0.5921E-02	0.5921E-02	0.5921E-02
TBtu Consumed	0.1543E-01	0.7843E-01	0.7843E-01	0.7843E-01	0.7843E-01
Rate - [lb/MMBtu]	0.1510	0.1510	0.1510	0.1510	0.1510
TWh Generated	0.1471E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-1.471	-7.477	-7.477	-7.477	-7.477
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQQ) Constraint #: 206  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1188E-02	0.6039E-02	0.6039E-02	0.6039E-02	0.6039E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1188E-02	0.6039E-02	0.6039E-02	0.6039E-02	0.6039E-02
TBtu Consumed	0.1543E-01	0.7843E-01	0.7843E-01	0.7843E-01	0.7843E-01
Rate - [lb/MMBtu]	0.1540	0.1540	0.1540	0.1540	0.1540
TWh Generated	0.1471E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-1.471	-7.477	-7.477	-7.477	-7.477
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQR) Constraint #: 207  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1242E-02	0.6314E-02	0.6314E-02	0.6314E-02	0.6314E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1242E-02	0.6314E-02	0.6314E-02	0.6314E-02	0.6314E-02
TBtu Consumed	0.1543E-01	0.7843E-01	0.7843E-01	0.7843E-01	0.7843E-01
Rate - [lb/MMBtu]	0.1610	0.1610	0.1610	0.1610	0.1610
TWh Generated	0.1471E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-1.471	-7.477	-7.477	-7.477	-7.477
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQS) Constraint #: 208  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1227E-02	0.6235E-02	0.6235E-02	0.6235E-02	0.6235E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1227E-02	0.6235E-02	0.6235E-02	0.6235E-02	0.6235E-02
TBtu Consumed	0.1543E-01	0.7843E-01	0.7843E-01	0.7843E-01	0.7843E-01
Rate - [lb/MMBtu]	0.1590	0.1590	0.1590	0.1590	0.1590
TWh Generated	0.1471E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-1.471	-7.477	-7.477	-7.477	-7.477
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQT) Constraint #: 209  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.3534E-03	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.3534E-03	0.000	0.000	0.000
TBtu Consumed	0.000	0.2437E-01	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.2900E-01	0.000	0.000	0.000
TWh Generated	0.000	0.1602E-02	0.000	0.000	0.000
TWh Generated Qualifying	0.000	-1.602	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQU) Constraint #: 210  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQV) Constraint #: 211  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQW) Constraint #: 212  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQX) Constraint #: 213  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQY) Constraint #: 214  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (AQZ) Constraint #: 215  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.8223E-03	0.8223E-03	0.8223E-03	0.8223E-03	0.1258E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.8223E-03	0.8223E-03	0.8223E-03	0.8223E-03	0.1258E-02
TBtu Consumed	0.1645E-01	0.1645E-01	0.1645E-01	0.1645E-01	0.2516E-01
Rate - [lb/MMBtu]	0.1000	0.1000	0.1000	0.1000	0.1000
TWh Generated	0.1438E-02	0.1438E-02	0.1438E-02	0.1438E-02	0.2200E-02
TWh Generated Qualifying	-1.438	-1.438	-1.438	-1.438	-2.200
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ARA) Constraint #: 216  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.8223E-03	0.8223E-03	0.8223E-03	0.8223E-03	0.8223E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.8223E-03	0.8223E-03	0.8223E-03	0.8223E-03	0.8223E-03
TBtu Consumed	0.1645E-01	0.1645E-01	0.1645E-01	0.1645E-01	0.1645E-01
Rate - [lb/MMBtu]	0.1000	0.1000	0.1000	0.1000	0.1000
TWh Generated	0.1438E-02	0.1438E-02	0.1438E-02	0.1438E-02	0.1438E-02
TWh Generated Qualifying	-1.438	-1.438	-1.438	-1.438	-1.438
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ARB) Constraint #: 217  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.8141E-03	0.8141E-03	0.8141E-03	0.8141E-03	0.8141E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.8141E-03	0.8141E-03	0.8141E-03	0.8141E-03	0.8141E-03
TBtu Consumed	0.1645E-01	0.1645E-01	0.1645E-01	0.1645E-01	0.1645E-01
Rate - [lb/MMBtu]	0.9900E-01	0.9900E-01	0.9900E-01	0.9900E-01	0.9900E-01
TWh Generated	0.1438E-02	0.1438E-02	0.1438E-02	0.1438E-02	0.1438E-02
TWh Generated Qualifying	-1.438	-1.438	-1.438	-1.438	-1.438
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ARC) Constraint #: 218  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.8141E-03	0.8141E-03	0.8141E-03	0.8141E-03	0.4138E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.8141E-03	0.8141E-03	0.8141E-03	0.8141E-03	0.4138E-02
TBtu Consumed	0.1645E-01	0.1645E-01	0.1645E-01	0.1645E-01	0.8360E-01
Rate - [lb/MMBtu]	0.9900E-01	0.9900E-01	0.9900E-01	0.9900E-01	0.9900E-01
TWh Generated	0.1438E-02	0.1438E-02	0.1438E-02	0.1438E-02	0.7311E-02
TWh Generated Qualifying	-1.438	-1.438	-1.438	-1.438	-7.311
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Illinois Facility Specific - NOX Rate Summer (ARD) Constraint #: 219  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.2893E-03	0.2893E-03	0.2893E-03	0.2893E-03	0.2893E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.2893E-03	0.2893E-03	0.2893E-03	0.2893E-03	0.2893E-03
TBtu Consumed	0.1346E-01	0.1346E-01	0.1346E-01	0.1346E-01	0.1346E-01
Rate - [lb/MMBtu]	0.4300E-01	0.4300E-01	0.4300E-01	0.4300E-01	0.4300E-01
TWh Generated	0.1177E-02	0.1177E-02	0.1177E-02	0.1177E-02	0.1177E-02
TWh Generated Qualifying	-1.177	-1.177	-1.177	-1.177	-1.177
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ARE) Constraint #: 220  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.3028E-03	0.3028E-03	0.3028E-03	0.3028E-03	0.1539E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3028E-03	0.3028E-03	0.3028E-03	0.3028E-03	0.1539E-02
TBtu Consumed	0.1346E-01	0.1346E-01	0.1346E-01	0.1346E-01	0.6840E-01
Rate - [lb/MMBtu]	0.4500E-01	0.4500E-01	0.4500E-01	0.4500E-01	0.4500E-01
TWh Generated	0.1177E-02	0.1177E-02	0.1177E-02	0.1177E-02	0.5982E-02
TWh Generated Qualifying	-1.177	-1.177	-1.177	-1.177	-5.982
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ARF) Constraint #: 221  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.2960E-03	0.2960E-03	0.2960E-03	0.2960E-03	0.2960E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.2960E-03	0.2960E-03	0.2960E-03	0.2960E-03	0.2960E-03
TBtu Consumed	0.1346E-01	0.1346E-01	0.1346E-01	0.1346E-01	0.1346E-01
Rate - [lb/MMBtu]	0.4400E-01	0.4400E-01	0.4400E-01	0.4400E-01	0.4400E-01
TWh Generated	0.1177E-02	0.1177E-02	0.1177E-02	0.1177E-02	0.1177E-02
TWh Generated Qualifying	-1.177	-1.177	-1.177	-1.177	-1.177
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ARG) Constraint #: 222  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.2691E-03	0.2691E-03	0.2691E-03	0.2691E-03	0.1368E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.2691E-03	0.2691E-03	0.2691E-03	0.2691E-03	0.1368E-02
TBtu Consumed	0.1346E-01	0.1346E-01	0.1346E-01	0.1346E-01	0.6840E-01
Rate - [lb/MMBtu]	0.4000E-01	0.4000E-01	0.4000E-01	0.4000E-01	0.4000E-01
TWh Generated	0.1177E-02	0.1177E-02	0.1177E-02	0.1177E-02	0.5982E-02
TWh Generated Qualifying	-1.177	-1.177	-1.177	-1.177	-5.982
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ARH) Constraint #: 223  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1095E-02	0.5569E-02	0.5569E-02	0.5569E-02	0.5569E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1095E-02	0.5569E-02	0.5569E-02	0.5569E-02	0.5569E-02
TBtu Consumed	0.1543E-01	0.7843E-01	0.7843E-01	0.7843E-01	0.7843E-01
Rate - [lb/MMBtu]	0.1420	0.1420	0.1420	0.1420	0.1420
TWh Generated	0.1471E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-1.471	-7.477	-7.477	-7.477	-7.477
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ARI) Constraint #: 224  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.9797E-03	0.4980E-02	0.4980E-02	0.4980E-02	0.4980E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.9797E-03	0.4980E-02	0.4980E-02	0.4980E-02	0.4980E-02
TBtu Consumed	0.1543E-01	0.7843E-01	0.7843E-01	0.7843E-01	0.7843E-01
Rate - [lb/MMBtu]	0.1270	0.1270	0.1270	0.1270	0.1270
TWh Generated	0.1471E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-1.471	-7.477	-7.477	-7.477	-7.477
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ARV) Constraint #: 225  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.2758E-02	0.2758E-02	0.2758E-02	0.2758E-02	0.2758E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.2758E-02	0.2758E-02	0.2758E-02	0.2758E-02	0.2758E-02
TBtu Consumed	0.5356E-01	0.5356E-01	0.5356E-01	0.5356E-01	0.5356E-01
Rate - [lb/MMBtu]	0.1030	0.1030	0.1030	0.1030	0.1030
TWh Generated	0.4212E-02	0.4212E-02	0.4212E-02	0.4212E-02	0.4212E-02
TWh Generated Qualifying	-4.212	-4.212	-4.212	-4.212	-4.212
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (ASC) Constraint #: 226  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1745E-02	0.1745E-02	0.1745E-02	0.1745E-02	0.1745E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1745E-02	0.1745E-02	0.1745E-02	0.1745E-02	0.1745E-02
TBtu Consumed	0.4849E-01	0.4849E-01	0.4849E-01	0.4849E-01	0.4849E-01
Rate - [lb/MMBtu]	0.7200E-01	0.7200E-01	0.7200E-01	0.7200E-01	0.7200E-01
TWh Generated	0.3817E-02	0.3817E-02	0.3817E-02	0.3817E-02	0.3817E-02
TWh Generated Qualifying	-3.817	-3.817	-3.817	-3.817	-3.817
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Illinois Facility Specific - NOX Rate Summer (ASD) Constraint #: 227  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1576E-02	0.1576E-02	0.1576E-02	0.1576E-02	0.1576E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1576E-02	0.1576E-02	0.1576E-02	0.1576E-02	0.1576E-02
TBtu Consumed	0.4849E-01	0.4849E-01	0.4849E-01	0.4849E-01	0.4849E-01
Rate - [lb/MMBtu]	0.6500E-01	0.6500E-01	0.6500E-01	0.6500E-01	0.6500E-01
TWh Generated	0.3817E-02	0.3817E-02	0.3817E-02	0.3817E-02	0.3817E-02
TWh Generated Qualifying	-3.817	-3.817	-3.817	-3.817	-3.817
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (BPP) Constraint #: 228  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.5941E-02	0.5941E-02	0.5941E-02	0.5941E-02	0.5941E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.5941E-02	0.5941E-02	0.5941E-02	0.5941E-02	0.5941E-02
TBtu Consumed	0.7921	0.7921	0.7921	0.7921	0.7921
Rate - [lb/MMBtu]	0.1500E-01	0.1500E-01	0.1500E-01	0.1500E-01	0.1500E-01
TWh Generated	0.1089	0.1089	0.1089	0.1089	0.1089
TWh Generated Qualifying	-108.9	-108.9	-108.9	-108.9	-108.9
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (BPQ) Constraint #: 229  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.6073E-02	0.6073E-02	0.6073E-02	0.6073E-02	0.6073E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.6073E-02	0.6073E-02	0.6073E-02	0.6073E-02	0.6073E-02
TBtu Consumed	0.8097	0.8097	0.8097	0.8097	0.8097
Rate - [lb/MMBtu]	0.1500E-01	0.1500E-01	0.1500E-01	0.1500E-01	0.1500E-01
TWh Generated	0.1113	0.1113	0.1113	0.1113	0.1113
TWh Generated Qualifying	-111.3	-111.3	-111.3	-111.3	-111.3
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Illinois Facility Specific - NOX Rate Summer (BPR) Constraint #: 230  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.5941E-02	0.5941E-02	0.5941E-02	0.5941E-02	0.5941E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.5941E-02	0.5941E-02	0.5941E-02	0.5941E-02	0.5941E-02
TBtu Consumed	0.7921	0.7921	0.7921	0.7921	0.7921
Rate - [lb/MMBtu]	0.1500E-01	0.1500E-01	0.1500E-01	0.1500E-01	0.1500E-01
TWh Generated	0.1089	0.1089	0.1089	0.1089	0.1089
TWh Generated Qualifying	-108.9	-108.9	-108.9	-108.9	-108.9
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Maine Facility Specific - NOX 0.18 Rate Annual      Constraint #: 231  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1800	0.1800	0.1800	0.1800	0.1800
-Emissions at Affected Plants [MTons]	2.921	0.5848	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	2.921	0.5848	0.000	0.000	0.000
TBtu Consumed	43.28	8.664	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.1350	0.1350	0.000	0.000	0.000
TWh Generated	4.273	0.8555	0.000	0.000	0.000
TWh Generated Qualifying	-4273.	-855.5	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Maine Facility Specific - NOX 0.22 Rate Annual      Constraint #: 232  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2200	0.2200	0.2200	0.2200	0.2200
-Emissions at Affected Plants [MTons]	0.6677	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.6677	0.000	0.000	0.000	0.000
TBtu Consumed	8.616	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.1550	0.000	0.000	0.000	0.000
TWh Generated	0.7724	0.000	0.000	0.000	0.000
TWh Generated Qualifying	-772.4	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Maryland Healthy Air Act - MER Removal Annual      Constraint #: 233  
 Constraint Type: Required Removal Level  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Emission Floor - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
-Emissions at Affected Plants [Lb]	233.8	221.6	190.4	150.3	75.04
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	233.8	221.6	190.4	150.3	75.04
TBtu Consumed	315.4	305.1	293.6	246.3	106.7
Rate - [lb/MMBtu]	0.7414E-06	0.7265E-06	0.6485E-06	0.6101E-06	0.7035E-06
TWh Generated	31.08	30.05	28.94	24.34	10.79
TWh Generated Qualifying	-0.3108E+05	-0.3005E+05	-0.2894E+05	-0.2434E+05	-0.1079E+05
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Maryland Healthy Air Act - NOX Cap Annual      Constraint #: 234  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	20.20	16.70	16.70	16.70	16.70
-Emissions at Affected Plants [MTons]	17.83	16.70	16.03	13.58	6.360
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	17.83	16.70	16.03	13.58	6.360
TBTu Consumed	315.4	305.1	293.6	246.3	106.7
Rate - [lb/MMBTu]	0.1131	0.1095	0.1092	0.1103	0.1192
TWh Generated	31.08	30.05	28.94	24.34	10.79
TWh Generated Qualifying	-0.3108E+05	-0.3005E+05	-0.2894E+05	-0.2434E+05	-0.1079E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1051.	0.000	0.000	0.000



Constraint Name: Maryland Healthy Air Act - NOX Cap Summer  
Constraint Type: Rate Cap [MTons] Constraint #: 235  
Run Year, Seasons Included: 2010 SUMMER  
Run Year, Seasons Included: 2015 SUMMER  
Run Year, Seasons Included: 2020 SUMMER  
Run Year, Seasons Included: 2025 SUMMER  
Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	8.900	7.300	7.300	7.300	7.300
-Emissions at Affected Plants [MTons]	7.472	6.890	6.681	6.008	4.246
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	7.472	6.890	6.681	6.008	4.246
TBtu Consumed	136.4	130.6	123.6	107.9	58.21
Rate - [lb/MMBtu]	0.1095	0.1055	0.1081	0.1114	0.1459
TWh Generated	13.44	12.86	12.20	10.66	5.872
TWh Generated Qualifying	-0.1344E+05	-0.1286E+05	-0.1220E+05	-0.1066E+05	-5872.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Maryland Healthy Air Act - SO2 Cap Annual      Constraint #: 236  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	48.60	37.20	37.20	37.20	37.20
-Emissions at Affected Plants [MTons]	48.60	37.20	37.20	37.20	26.52
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	48.60	37.20	37.20	37.20	26.52
TBTu Consumed	315.4	305.1	293.6	246.3	106.7
Rate - [lb/MMBTu]	0.3082	0.2439	0.2534	0.3021	0.4971
TWh Generated	31.08	30.05	28.94	24.34	10.79
TWh Generated Qualifying	-0.3108E+05	-0.3005E+05	-0.2894E+05	-0.2434E+05	-0.1079E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	916.1	830.9	749.7	618.5	0.000

Constraint Name: Mass. Plant Level Brayton 1-3 - CO2 Cap Annual      Constraint #: 237  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	8585.	8585.	8585.	8585.	8585.
-Emissions at Affected Plants [MTons]	5210.	2455.	2207.	1210.	227.6
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	5210.	2455.	2207.	1210.	227.6
TBtu Consumed	54.44	31.99	28.85	16.40	3.888
Rate - [lb/MMBtu]	191.4	153.5	153.0	147.5	117.1
TWh Generated	5.896	3.558	3.229	1.942	0.5883
TWh Generated Qualifying	-5895.	-3558.	-3229.	-1942.	-588.3
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Mass. Plant Level Canal 1-2 - CO2 Cap Annual      Constraint #: 238  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	5332.	5332.	5332.	5332.	5332.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Mass. Plant Level Mt. Tom 1 - CO2 Cap Annual      Constraint #: 239  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	1118.	1118.	1118.	1118.	1118.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Mass. Plant Level Mystic All - CO2 Cap Annual      Constraint #: 240  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	7596.	7596.	7596.	7596.	7596.
-Emissions at Affected Plants [MTons]	4413.	4262.	3887.	2740.	1126.
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	4413.	4262.	3887.	2740.	1126.
TBTu Consumed	75.39	72.81	66.40	46.81	19.24
Rate - [lb/MMBTu]	117.1	117.1	117.1	117.1	117.1
TWh Generated	10.36	10.01	9.128	6.435	2.645
TWh Generated Qualifying	-0.1036E+05	-0.1001E+05	-9128.	-6435.	-2645.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Mass. Plant Level SalemHarbor 1-4 - CO2 Cap Annual Constraint #: 241  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	4286.	4286.	4286.	4286.	4286.
-Emissions at Affected Plants [MTons]	2658.	96.59	96.59	96.59	72.44
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	2658.	96.59	96.59	96.59	72.44
TBTu Consumed	31.10	1.650	1.650	1.650	1.237
Rate - [lb/MMBtu]	170.9	117.1	117.1	117.1	117.1
TWh Generated	2.953	0.2541	0.2541	0.2541	0.1906
TWh Generated Qualifying	-2953.	-254.1	-254.1	-254.1	-190.5
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Mass. Plant Level Somerset 8 - CO2 Cap Annual      Constraint #: 242  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	916.6	916.6	916.6	916.6	916.6
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Mass. Unit Level Brayton 1-3 - MER Cap Annual (CPT Constraint #: 243)  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [Lb]	146.6	146.6	146.6	146.6	146.6
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Mass. Unit Level Brayton 1-3 - MER Cap Annual (CPU Constraint #: 244)  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [Lb]	146.6	146.6	146.6	146.6	146.6
-Emissions at Affected Plants [Lb]	5.879	1.118	0.8006	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	5.879	1.118	0.8006	0.000	0.000
TBtu Consumed	8.754	5.056	3.627	0.5055	0.5055
Rate - [lb/MMBtu]	0.6715E-06	0.2212E-06	0.2207E-06	0.000	0.000
TWh Generated	0.9338	0.5401	0.3877	0.6749E-01	0.6749E-01
TWh Generated Qualifying	-933.8	-540.1	-387.7	-67.49	-67.49
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Mass. Unit Level Brayton 1-3 - MER Cap Annual (EIK Constraint #: 245)  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [Lb]	146.6	146.6	146.6	146.6	146.6
-Emissions at Affected Plants [Lb]	32.00	5.809	5.366	2.950	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	32.00	5.809	5.366	2.950	0.000
TBtu Consumed	45.69	26.93	25.22	15.90	3.382
Rate - [lb/MMBtu]	0.7005E-06	0.2157E-06	0.2127E-06	0.1856E-06	0.000
TWh Generated	4.962	3.018	2.841	1.875	0.5208
TWh Generated Qualifying	-4962.	-3018.	-2841.	-1875.	-520.8
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Mass. Unit Level Mt. Tom 1 - MER Cap Annual      Constraint #: 246  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [Lb]	4.100	4.100	4.100	4.100	4.100
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Mass. Unit Level Salem Harbor 1-3 - MER Cap Annual Constraint #: 247

Constraint Type: Rate Cap [MTons]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [Lb]	21.20	21.20	21.20	21.20	21.20
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Mass. Unit Level Salem Harbor 1-3 - MER Cap Annual Constraint #: 248

Constraint Type: Rate Cap [MTons]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [Lb]	21.20	21.20	21.20	21.20	21.20
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Mass. Unit Level Salem Harbor 1-3 - MER Cap Annual Constraint #: 249  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [Lb]	21.20	21.20	21.20	21.20	21.20
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Mass. Unit Level Somerset 8 - MER Cap Annual      Constraint #: 250  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [Lb]	13.10	13.10	13.10	13.10	13.10
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (AZB) Constraint #: 251  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (BAD) Constraint #: 252  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (BAE) Constraint #: 253  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (BAF) Constraint #: 254  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (BQL) Constraint #: 255  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	681.9	681.9	607.6	396.0	151.1
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	681.9	681.9	607.6	396.0	151.1
TBtu Consumed	11.65	11.65	10.38	6.764	2.581
Rate - [lb/MMBtu]	117.1	117.1	117.1	117.1	117.1
TWh Generated	1.601	1.601	1.427	0.9299	0.3548
TWh Generated Qualifying	-1601.	-1601.	-1427.	-929.9	-354.8
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (BQM) Constraint #: 256  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	681.9	607.6	511.4	518.4	306.8
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	681.9	607.6	511.4	518.4	306.8
TBtu Consumed	11.65	10.38	8.736	8.855	5.240
Rate - [lb/MMBtu]	117.1	117.1	117.1	117.1	117.1
TWh Generated	1.601	1.427	1.201	1.217	0.7204
TWh Generated Qualifying	-1601.	-1427.	-1201.	-1217.	-720.4
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (BQN) Constraint #: 257  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	704.0	704.0	704.0	528.0	224.6
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	704.0	704.0	704.0	528.0	224.6
TBtu Consumed	12.03	12.03	12.03	9.019	3.837
Rate - [lb/MMBtu]	117.1	117.1	117.1	117.1	117.1
TWh Generated	1.653	1.653	1.653	1.240	0.5275
TWh Generated Qualifying	-1653.	-1653.	-1653.	-1240.	-527.5
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (BQQ) Constraint #: 258  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	704.0	627.3	627.3	316.7	197.6
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	704.0	627.3	627.3	316.7	197.6
TBtu Consumed	12.03	10.72	10.72	5.410	3.376
Rate - [lb/MMBtu]	117.1	117.1	117.1	117.1	117.1
TWh Generated	1.653	1.473	1.473	0.7438	0.4641
TWh Generated Qualifying	-1653.	-1473.	-1473.	-743.8	-464.0
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (BQR) Constraint #: 259  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	808.2	808.2	694.2	606.1	121.1
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	808.2	808.2	694.2	606.1	121.1
TBtu Consumed	13.81	13.81	11.86	10.35	2.069
Rate - [lb/MMBtu]	117.1	117.1	117.1	117.1	117.1
TWh Generated	1.898	1.898	1.630	1.423	0.2845
TWh Generated Qualifying	-1898.	-1898.	-1630.	-1423.	-284.5
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (BQS) Constraint #: 260  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	833.4	833.4	742.6	374.9	124.9
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	833.4	833.4	742.6	374.9	124.9
TBtu Consumed	14.24	14.24	12.69	6.405	2.134
Rate - [lb/MMBtu]	117.1	117.1	117.1	117.1	117.1
TWh Generated	1.957	1.957	1.744	0.8805	0.2934
TWh Generated Qualifying	-1957.	-1957.	-1744.	-880.5	-293.4
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (CPR) Constraint #: 261  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	108.3	0.000	11.59	15.14	24.71

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (CPT) Constraint #: 262  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	61.88	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (CPU) Constraint #: 263  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	797.5	386.9	277.4	29.59	29.59
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	797.5	386.9	277.4	29.59	29.59
TBtu Consumed	8.754	5.056	3.627	0.5055	0.5055
Rate - [lb/MMBtu]	182.2	153.0	153.0	117.1	117.1
TWh Generated	0.9338	0.5401	0.3877	0.6749E-01	0.6749E-01
TWh Generated Qualifying	-933.8	-540.1	-387.7	-67.49	-67.49
Constraint Shadow Price [US\$/Ton]	56.65	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (DJK) Constraint #: 264  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (DJL) Constraint #: 265  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (DJT) Constraint #: 266  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	2658.	96.59	96.59	96.59	72.44
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	2658.	96.59	96.59	96.59	72.44
TBtu Consumed	31.10	1.650	1.650	1.650	1.237
Rate - [lb/MMBtu]	170.9	117.1	117.1	117.1	117.1
TWh Generated	2.953	0.2541	0.2541	0.2541	0.1906
TWh Generated Qualifying	-2953.	-254.1	-254.1	-254.1	-190.5
Constraint Shadow Price [US\$/Ton]	1.467	0.000	0.000	0.000	0.000



Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (DJU) Constraint #: 267  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (DOR) Constraint #: 268  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (DWW) Constraint #: 269  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	87.88	0.000	11.59	15.14	24.71

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (EIK) Constraint #: 270  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	4413.	2068.	1930.	1180.	198.0
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	4413.	2068.	1930.	1180.	198.0
TBtu Consumed	45.69	26.93	25.22	15.90	3.382
Rate - [lb/MMBtu]	193.2	153.5	153.0	148.4	117.1
TWh Generated	4.962	3.018	2.841	1.875	0.5208
TWh Generated Qualifying	-4962.	-3018.	-2841.	-1875.	-520.8
Constraint Shadow Price [US\$/Ton]	12.03	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (EOH) Constraint #: 271  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	87.89	0.000	1.405	4.514	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (EOI) Constraint #: 272  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	114.6	0.000	1.405	4.514	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (EOJ) Constraint #: 273  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1800.	1800.	1800.	1800.	1800.
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	130.5	0.000	1.405	14.67	8.675

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (AZB) Constraint #: 274  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (BAD) Constraint #: 275  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (BAE) Constraint #: 276  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (BAF) Constraint #: 277  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (BQL) Constraint #: 278

Constraint Type: Rate Limit [lb/MWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.1631E-02	0.1631E-02	0.1453E-02	0.9470E-03	0.3613E-03
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.1631E-02	0.1631E-02	0.1453E-02	0.9470E-03	0.3613E-03
TBtu Consumed	11.65	11.65	10.38	6.764	2.581
Rate - [lb/MMBtu]	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09
TWh Generated	1.601	1.601	1.427	0.9299	0.3548
TWh Generated Qualifying	-1601.	-1601.	-1427.	-929.9	-354.8
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (BQM) Constraint #: 279  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.1631E-02	0.1453E-02	0.1223E-02	0.1240E-02	0.7337E-03
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.1631E-02	0.1453E-02	0.1223E-02	0.1240E-02	0.7337E-03
TBtu Consumed	11.65	10.38	8.736	8.855	5.240
Rate - [lb/MMBtu]	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09
TWh Generated	1.601	1.427	1.201	1.217	0.7204
TWh Generated Qualifying	-1601.	-1427.	-1201.	-1217.	-720.4
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (BQN) Constraint #: 280  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.1684E-02	0.1684E-02	0.1684E-02	0.1263E-02	0.5372E-03
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.1684E-02	0.1684E-02	0.1684E-02	0.1263E-02	0.5372E-03
TBtu Consumed	12.03	12.03	12.03	9.019	3.837
Rate - [lb/MMBtu]	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09
TWh Generated	1.653	1.653	1.653	1.240	0.5275
TWh Generated Qualifying	-1653.	-1653.	-1653.	-1240.	-527.5
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (BQQ) Constraint #: 281  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.1684E-02	0.1500E-02	0.1500E-02	0.7574E-03	0.4726E-03
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.1684E-02	0.1500E-02	0.1500E-02	0.7574E-03	0.4726E-03
TBtu Consumed	12.03	10.72	10.72	5.410	3.376
Rate - [lb/MMBtu]	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09
TWh Generated	1.653	1.473	1.473	0.7438	0.4641
TWh Generated Qualifying	-1653.	-1473.	-1473.	-743.8	-464.0
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (BQR) Constraint #: 282  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.1933E-02	0.1933E-02	0.1660E-02	0.1450E-02	0.2897E-03
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.1933E-02	0.1933E-02	0.1660E-02	0.1450E-02	0.2897E-03
TBtu Consumed	13.81	13.81	11.86	10.35	2.069
Rate - [lb/MMBtu]	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09
TWh Generated	1.898	1.898	1.630	1.423	0.2845
TWh Generated Qualifying	-1898.	-1898.	-1630.	-1423.	-284.5
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (BQS) Constraint #: 283  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.1993E-02	0.1993E-02	0.1776E-02	0.8967E-03	0.2987E-03
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.1993E-02	0.1993E-02	0.1776E-02	0.8967E-03	0.2987E-03
TBtu Consumed	14.24	14.24	12.69	6.405	2.134
Rate - [lb/MMBtu]	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09
TWh Generated	1.957	1.957	1.744	0.8805	0.2934
TWh Generated Qualifying	-1957.	-1957.	-1744.	-880.5	-293.4
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (CPR) Constraint #: 284  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.3183E+07	0.5276E+08	0.3793E+08	0.4067E+08	0.2537E+08

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (CPT) Constraint #: 285  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.1197E+07	0.5651E+08	0.5375E+08	0.4554E+08	0.4016E+08

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (CPU) Constraint #: 286  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	5.879	1.118	0.8006	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	5.879	1.118	0.8006	0.000	0.000
TBtu Consumed	8.754	5.056	3.627	0.5055	0.5055
Rate - [lb/MMBtu]	0.6715E-06	0.2212E-06	0.2207E-06	0.000	0.000
TWh Generated	0.9338	0.5401	0.3877	0.6749E-01	0.6749E-01
TWh Generated Qualifying	-933.8	-540.1	-387.7	-67.49	-67.49
Constraint Shadow Price [US\$/Lb]	0.9361E+06	0.6297E+08	0.6077E+08	0.5632E+08	0.3865E+08

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (DJK) Constraint #: 287  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (DJL) Constraint #: 288  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (DJT) Constraint #: 289  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	14.14	0.2310E-03	0.2310E-03	0.2310E-03	0.1732E-03
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	14.14	0.2310E-03	0.2310E-03	0.2310E-03	0.1732E-03
TBtu Consumed	31.10	1.650	1.650	1.650	1.237
Rate - [lb/MMBtu]	0.4545E-06	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09
TWh Generated	2.953	0.2541	0.2541	0.2541	0.1906
TWh Generated Qualifying	-2953.	-254.1	-254.1	-254.1	-190.5
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (DJU) Constraint #: 290  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (DOR) Constraint #: 291  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (DWW) Constraint #: 292  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.3896E+07	0.4380E+08	0.3708E+08	0.2567E+08	0.1970E+08

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (EIK) Constraint #: 293  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	32.00	5.809	5.366	2.950	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	32.00	5.809	5.366	2.950	0.000
TBtu Consumed	45.69	26.93	25.22	15.90	3.382
Rate - [lb/MMBtu]	0.7005E-06	0.2157E-06	0.2127E-06	0.1856E-06	0.000
TWh Generated	4.962	3.018	2.841	1.875	0.5208
TWh Generated Qualifying	-4962.	-3018.	-2841.	-1875.	-520.8
Constraint Shadow Price [US\$/Lb]	0.1179E+07	0.6379E+08	0.6250E+08	0.6127E+08	0.4417E+08

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (EOH) Constraint #: 294  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.3896E+07	0.4090E+08	0.3545E+08	0.3367E+08	0.6012E+08

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (EOI) Constraint #: 295  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.3838E+07	0.3466E+08	0.2947E+08	0.2747E+08	0.5452E+07

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (EOJ) Constraint #: 296  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	0.7500E-05	0.2500E-05	0.2500E-05	0.2500E-05	0.2500E-05
-Emissions at Affected Plants [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.3117E+07	0.4466E+08	0.3966E+08	0.4850E+08	0.1644E+08

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (AZB) Constraint #: 297  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (BAD) Constraint #: 298  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (BAE) Constraint #: 299  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (BAF) Constraint #: 300  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (BQL) Constraint #: 301  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.4077E-01	0.4077E-01	0.3633E-01	0.2367E-01	0.9033E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.4077E-01	0.4077E-01	0.3633E-01	0.2367E-01	0.9033E-02
TBtu Consumed	11.65	11.65	10.38	6.764	2.581
Rate - [lb/MMBtu]	0.7000E-02	0.7000E-02	0.7000E-02	0.7000E-02	0.7000E-02
TWh Generated	1.601	1.601	1.427	0.9299	0.3548
TWh Generated Qualifying	-1601.	-1601.	-1427.	-929.9	-354.8
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (BQM) Constraint #: 302  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.4077E-01	0.3633E-01	0.3058E-01	0.3099E-01	0.1834E-01
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.4077E-01	0.3633E-01	0.3058E-01	0.3099E-01	0.1834E-01
TBtu Consumed	11.65	10.38	8.736	8.855	5.240
Rate - [lb/MMBtu]	0.7000E-02	0.7000E-02	0.7000E-02	0.7000E-02	0.7000E-02
TWh Generated	1.601	1.427	1.201	1.217	0.7204
TWh Generated Qualifying	-1601.	-1427.	-1201.	-1217.	-720.4
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (BQN) Constraint #: 303  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.4810E-01	0.4810E-01	0.4810E-01	0.3608E-01	0.1535E-01
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.4810E-01	0.4810E-01	0.4810E-01	0.3608E-01	0.1535E-01
TBtu Consumed	12.03	12.03	12.03	9.019	3.837
Rate - [lb/MMBtu]	0.8000E-02	0.8000E-02	0.8000E-02	0.8000E-02	0.8000E-02
TWh Generated	1.653	1.653	1.653	1.240	0.5275
TWh Generated Qualifying	-1653.	-1653.	-1653.	-1240.	-527.5
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (BQQ) Constraint #: 304  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.4810E-01	0.4286E-01	0.4286E-01	0.2164E-01	0.1350E-01
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.4810E-01	0.4286E-01	0.4286E-01	0.2164E-01	0.1350E-01
TBtu Consumed	12.03	10.72	10.72	5.410	3.376
Rate - [lb/MMBtu]	0.8000E-02	0.8000E-02	0.8000E-02	0.8000E-02	0.8000E-02
TWh Generated	1.653	1.473	1.473	0.7438	0.4641
TWh Generated Qualifying	-1653.	-1473.	-1473.	-743.8	-464.0
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (BQR) Constraint #: 305  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.4832E-01	0.4832E-01	0.4150E-01	0.3624E-01	0.7242E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.4832E-01	0.4832E-01	0.4150E-01	0.3624E-01	0.7242E-02
TBtu Consumed	13.81	13.81	11.86	10.35	2.069
Rate - [lb/MMBtu]	0.7000E-02	0.7000E-02	0.7000E-02	0.7000E-02	0.7000E-02
TWh Generated	1.898	1.898	1.630	1.423	0.2845
TWh Generated Qualifying	-1898.	-1898.	-1630.	-1423.	-284.5
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (BQS) Constraint #: 306  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.5695E-01	0.5695E-01	0.5074E-01	0.2562E-01	0.8535E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.5695E-01	0.5695E-01	0.5074E-01	0.2562E-01	0.8535E-02
TBtu Consumed	14.24	14.24	12.69	6.405	2.134
Rate - [lb/MMBtu]	0.8000E-02	0.8000E-02	0.8000E-02	0.8000E-02	0.8000E-02
TWh Generated	1.957	1.957	1.744	0.8805	0.2934
TWh Generated Qualifying	-1957.	-1957.	-1744.	-880.5	-293.4
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (CPR) Constraint #: 307  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (CPT) Constraint #: 308  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	4205.	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (CPU) Constraint #: 309  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.7004	0.3626	0.2872	0.2780E-02	0.2780E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.7004	0.3626	0.2872	0.2780E-02	0.2780E-02
TBtu Consumed	8.754	5.056	3.627	0.5055	0.5055
Rate - [lb/MMBtu]	0.1600	0.1434	0.1583	0.1100E-01	0.1100E-01
TWh Generated	0.9338	0.5401	0.3877	0.6749E-01	0.6749E-01
TWh Generated Qualifying	-933.8	-540.1	-387.7	-67.49	-67.49
Constraint Shadow Price [US\$/Ton]	8643.	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (DJK) Constraint #: 310  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (DJL) Constraint #: 311  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (DJT) Constraint #: 312  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	2.215	0.9075E-02	0.9075E-02	0.9075E-02	0.6806E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	2.215	0.9075E-02	0.9075E-02	0.9075E-02	0.6806E-02
TBtu Consumed	31.10	1.650	1.650	1.650	1.237
Rate - [lb/MMBtu]	0.1424	0.1100E-01	0.1100E-01	0.1100E-01	0.1100E-01
TWh Generated	2.953	0.2541	0.2541	0.2541	0.1906
TWh Generated Qualifying	-2953.	-254.1	-254.1	-254.1	-190.5
Constraint Shadow Price [US\$/Ton]	2609.	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (DJU) Constraint #: 313  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (DOR) Constraint #: 314  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (DWW) Constraint #: 315  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (EIK) Constraint #: 316  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	3.721	1.059	0.9804	0.6654	0.1860E-01
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	3.721	1.059	0.9804	0.6654	0.1860E-01
TBtu Consumed	45.69	26.93	25.22	15.90	3.382
Rate - [lb/MMBtu]	0.1629	0.7866E-01	0.7774E-01	0.8370E-01	0.1100E-01
TWh Generated	4.962	3.018	2.841	1.875	0.5208
TWh Generated Qualifying	-4962.	-3018.	-2841.	-1875.	-520.8
Constraint Shadow Price [US\$/Ton]	182.6	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (EOH) Constraint #: 317  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (EOI) Constraint #: 318  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (EOJ) Constraint #: 319  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	1.500	1.500	1.500	1.500	1.500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (AZB) Constraint #: 320  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (BAD) Constraint #: 321  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (BAE) Constraint #: 322  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (BAF) Constraint #: 323  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (BQL) Constraint #: 324  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	11.65	11.65	10.38	6.764	2.581
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.601	1.601	1.427	0.9299	0.3548
TWh Generated Qualifying	-1601.	-1601.	-1427.	-929.9	-354.8
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (BQM) Constraint #: 325  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	11.65	10.38	8.736	8.855	5.240
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.601	1.427	1.201	1.217	0.7204
TWh Generated Qualifying	-1601.	-1427.	-1201.	-1217.	-720.4
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (BQN) Constraint #: 326  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	12.03	12.03	12.03	9.019	3.837
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.653	1.653	1.653	1.240	0.5275
TWh Generated Qualifying	-1653.	-1653.	-1653.	-1240.	-527.5
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (BQQ) Constraint #: 327  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	12.03	10.72	10.72	5.410	3.376
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.653	1.473	1.473	0.7438	0.4641
TWh Generated Qualifying	-1653.	-1473.	-1473.	-743.8	-464.0
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (BQR) Constraint #: 328  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	13.81	13.81	11.86	10.35	2.069
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.898	1.898	1.630	1.423	0.2845
TWh Generated Qualifying	-1898.	-1898.	-1630.	-1423.	-284.5
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (BQS) Constraint #: 329  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	14.24	14.24	12.69	6.405	2.134
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.957	1.957	1.744	0.8805	0.2934
TWh Generated Qualifying	-1957.	-1957.	-1744.	-880.5	-293.4
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (CPR) Constraint #: 330  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	3237.	0.000	0.000	0.000	0.000



Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (CPT) Constraint #: 331  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	4271.	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (CPU) Constraint #: 332  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	1.176	0.3270	0.2341	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.176	0.3270	0.2341	0.000	0.000
TBtu Consumed	8.754	5.056	3.627	0.5055	0.5055
Rate - [lb/MMBtu]	0.2686	0.1294	0.1291	0.000	0.000
TWh Generated	0.9338	0.5401	0.3877	0.6749E-01	0.6749E-01
TWh Generated Qualifying	-933.8	-540.1	-387.7	-67.49	-67.49
Constraint Shadow Price [US\$/Ton]	5468.	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (DJK) Constraint #: 333  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (DJL) Constraint #: 334  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (DJT) Constraint #: 335  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	1.914	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.914	0.000	0.000	0.000	0.000
TBtu Consumed	31.10	1.650	1.650	1.650	1.237
Rate - [lb/MMBtu]	0.1231	0.000	0.000	0.000	0.000
TWh Generated	2.953	0.2541	0.2541	0.2541	0.1906
TWh Generated Qualifying	-2953.	-254.1	-254.1	-254.1	-190.5
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (DJU) Constraint #: 336  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (DOR) Constraint #: 337  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.1211E+05	5584.	5040.	4082.	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (DWW) Constraint #: 338  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	541.7	0.000	0.000	0.000	0.000



Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (EIK) Constraint #: 339  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	1.220	0.5405	0.4992	0.2745	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.220	0.5405	0.4992	0.2745	0.000
TBtu Consumed	45.69	26.93	25.22	15.90	3.382
Rate - [lb/MMBtu]	0.5339E-01	0.4013E-01	0.3958E-01	0.3453E-01	0.000
TWh Generated	4.962	3.018	2.841	1.875	0.5208
TWh Generated Qualifying	-4962.	-3018.	-2841.	-1875.	-520.8
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (EOH) Constraint #: 340  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (EOI) Constraint #: 341  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (EOJ) Constraint #: 342  
 Constraint Type: Rate Limit [lb/MWh]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MWh]	3.000	3.000	3.000	3.000	3.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Missouri - NOX .18 Rate Annual  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1800	0.1800	0.1800	0.1800	0.1800
-Emissions at Affected Plants [MTons]	20.58	18.84	17.87	11.81	6.706
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	9.389	9.199	7.628	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	20.58	28.22	27.07	19.43	6.706
TBtu Consumed	341.7	313.6	300.7	215.9	117.7
Rate - [lb/MMBtu]	0.1205	0.1201	0.1188	0.1094	0.1139
TWh Generated	32.35	29.84	28.65	20.70	11.34
TWh Generated Qualifying	-0.3235E+05	-0.2984E+05	-0.2865E+05	-0.2070E+05	-0.1134E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Missouri - NOX .25 Rate Annual  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 344

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	16.74	17.55	16.55	13.41	0.3992E-01
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	5.075	4.368	3.058	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	16.74	22.62	20.92	16.47	0.3992E-01
TBtu Consumed	170.7	181.0	167.4	131.7	1.995
Rate - [lb/MMBtu]	0.1961	0.1939	0.1978	0.2036	0.4002E-01
TWh Generated	16.95	18.10	16.77	13.21	0.2643
TWh Generated Qualifying	-0.1695E+05	-0.1810E+05	-0.1677E+05	-0.1321E+05	-264.3
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Missouri - NOX .35 Rate Annual  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3500	0.3500	0.3500	0.3500	0.3500
-Emissions at Affected Plants [MTons]	36.40	32.16	26.83	20.46	2.977
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	22.77	22.65	17.48	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	36.40	54.93	49.48	37.94	2.977
TBtu Consumed	325.4	313.9	282.7	216.8	44.91
Rate - [lb/MMBtu]	0.2237	0.2049	0.1898	0.1888	0.1325
TWh Generated	31.17	30.93	28.48	21.74	5.315
TWh Generated Qualifying	-0.3117E+05	-0.3093E+05	-0.2848E+05	-0.2174E+05	-5315.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: MN State Reg Silver Lake 4 - NOX Rate Annual      Constraint #: 346  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.6030E+05	0.2622E+05	0.2594E+05	0.3164E+05	0.2585E+05



Constraint Name: NC State Reg Cape Fear 5,6 - SO2 Rate Annual (AO1) Constraint #: 347  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.1279E+05	0.1482E+05	0.1841E+05	0.1697E+05

Constraint Name: NC State Reg Cape Fear 5,6 - SO2 Rate Annual (AQ2) Constraint #: 348  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.1479E+05	0.1889E+05	0.2046E+05	0.1697E+05

Constraint Name: NC State Reg L V Sutton 3 - SO2 Rate Annual      Constraint #: 349  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	7949.	7114.	7078.	6628.

Constraint Name: New Hampshire 6 Unit - CO2 Cap Annual  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 350

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	5426.	5426.	5426.	5426.	5426.
-Emissions at Affected Plants [MTons]	4065.	2510.	2510.	1970.	1047.
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	2916.	2916.	3456.	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	4065.	5426.	5426.	5426.	1047.
TBtu Consumed	42.53	25.20	25.02	23.13	15.34
Rate - [lb/MMBtu]	191.2	199.2	200.7	170.3	136.5
TWh Generated	3.808	2.377	2.362	2.183	1.399
TWh Generated Qualifying	-3808.	-2377.	-2362.	-2183.	-1399.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: New Hampshire 6 Unit - NOX Cap Annual  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 351

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	3.640	3.640	3.640	3.640	3.640
-Emissions at Affected Plants [MTons]	1.912	0.8205	0.7970	0.7403	0.7831
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	2.819	2.843	2.900	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.912	3.640	3.640	3.640	0.7831
TBtu Consumed	42.53	25.20	25.02	23.13	15.34
Rate - [lb/MMBtu]	0.8992E-01	0.6512E-01	0.6372E-01	0.6402E-01	0.1021
TWh Generated	3.808	2.377	2.362	2.183	1.399
TWh Generated Qualifying	-3808.	-2377.	-2362.	-2183.	-1399.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: New Hampshire 6 Unit - SO2 Cap Annual  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 352

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	7.290	7.290	7.290	7.290	7.290
-Emissions at Affected Plants [MTons]	7.290	1.867	1.860	1.456	1.036
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	5.430	5.834	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	7.290	1.867	7.290	7.290	1.036
TBTu Consumed	42.53	25.20	25.02	23.13	15.34
Rate - [lb/MMBtu]	0.3428	0.1482	0.1487	0.1259	0.1350
TWh Generated	3.808	2.377	2.362	2.183	1.399
TWh Generated Qualifying	-3808.	-2377.	-2362.	-2183.	-1399.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	3047.	0.000	0.000	0.000	0.000

Constraint Name: New Hampshire State - NOX Cap Summer  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 SUMMER  
Run Year, Seasons Included: 2015 SUMMER  
Run Year, Seasons Included: 2020 SUMMER  
Run Year, Seasons Included: 2025 SUMMER  
Run Year, Seasons Included: 2032 SUMMER

Constraint #: 353

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	2.900	2.900	2.900	2.900	2.900
-Emissions at Affected Plants [MTons]	0.9797	0.5186	0.4663	0.3966	0.1062
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	2.381	2.434	2.503	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.9797	2.900	2.900	2.900	0.1062
TBtu Consumed	49.40	42.03	38.72	30.91	18.28
Rate - [lb/MMBtu]	0.3966E-01	0.2468E-01	0.2409E-01	0.2566E-01	0.1162E-01
TWh Generated	5.933	5.312	4.864	3.849	2.211
TWh Generated Qualifying	-5933.	-5312.	-4864.	-3849.	-9578.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: New Jersey - MER Removal Annual  
Constraint Type: Required Removal Level  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 354

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Emission Floor - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
-Emissions at Affected Plants [Lb]	111.3	91.88	67.72	34.28	20.76
-Less Allowances Purchased [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [Lb] MER	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [Lb]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn [Lb]	0.000	0.000	0.000	0.000	0.000
Total [Lb]	111.3	91.88	67.72	34.28	20.76
TBtu Consumed	165.7	146.1	117.8	66.75	40.43
Rate - [lb/MMBtu]	0.6718E-06	0.6288E-06	0.5750E-06	0.5134E-06	0.5134E-06
TWh Generated	15.42	13.62	11.06	6.305	3.875
TWh Generated Qualifying	-0.1542E+05	-0.1362E+05	-0.1106E+05	-6305.	-3875.
Constraint Shadow Price [US\$/Lb]	0.000	0.000	0.000	0.000	0.000



Constraint Name: New York - NOX Cap Winter  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 WINTER  
Run Year, Seasons Included: 2015 WINTER  
Run Year, Seasons Included: 2020 WINTER  
Run Year, Seasons Included: 2025 WINTER  
Run Year, Seasons Included: 2032 WINTER

Constraint #: 355

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	39.91	39.91	39.91	39.91	39.91
-Emissions at Affected Plants [MTons]	17.86	8.756	7.714	4.530	2.507
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	31.15	32.20	35.38	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	17.86	39.91	39.91	39.91	2.507
TBTu Consumed	400.8	285.0	282.6	182.3	141.7
Rate - [lb/MMBtu]	0.8914E-01	0.6144E-01	0.5460E-01	0.4969E-01	0.3539E-01
TWh Generated	47.92	36.64	36.97	24.31	20.47
TWh Generated Qualifying	-0.4792E+05	-0.3664E+05	-0.3697E+05	-0.2431E+05	-0.2047E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: New York - SO2 Cap Annual  
Constraint Type: Rate Cap [MTons]

Constraint #: 356

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	131.4	131.4	131.4	131.4	131.4
-Emissions at Affected Plants [MTons]	131.2	60.10	41.32	32.55	19.44
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	90.04	98.81	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	131.2	60.10	131.4	131.4	19.44
TBTu Consumed	720.7	525.8	520.2	343.8	266.0
Rate - [lb/MMBtu]	0.3641	0.2286	0.1589	0.1894	0.1462
TWh Generated	85.63	66.58	67.17	44.79	37.55
TWh Generated Qualifying	-0.8563E+05	-0.6658E+05	-0.6717E+05	-0.4479E+05	-0.3755E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: North Carolina Duke - NOX Cap Annual  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 357

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	31.00	31.00	31.00	31.00	31.00
-Emissions at Affected Plants [MTons]	27.86	19.52	18.93	16.06	12.16
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	27.86	19.52	18.93	16.06	12.16
TBTu Consumed	427.1	367.5	358.4	321.7	239.8
Rate - [lb/MMBtu]	0.1305	0.1062	0.1056	0.9987E-01	0.1014
TWh Generated	44.01	38.90	38.01	34.43	25.69
TWh Generated Qualifying	-0.4401E+05	-0.3890E+05	-0.3801E+05	-0.3443E+05	-0.2569E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: North Carolina Duke - SO2 Cap Annual  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 358

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	150.0	80.00	80.00	80.00	80.00
-Emissions at Affected Plants [MTons]	80.25	41.63	36.52	9.016	6.830
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	80.25	41.63	36.52	9.016	6.830
TBtu Consumed	427.1	367.5	358.4	321.7	239.8
Rate - [lb/MMBtu]	0.3758	0.2266	0.2038	0.5606E-01	0.5696E-01
TWh Generated	44.01	38.90	38.01	34.43	25.69
TWh Generated Qualifying	-0.4401E+05	-0.3890E+05	-0.3801E+05	-0.3443E+05	-0.2569E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: North Carolina Progress - NOX Cap Annual      Constraint #: 359  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	25.00	25.00	25.00	25.00	25.00
-Emissions at Affected Plants [MTons]	25.00	10.94	9.889	7.783	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	25.00	10.94	9.889	7.783	0.000
TBtu Consumed	353.7	261.3	240.0	185.4	0.000
Rate - [lb/MMBtu]	0.1414	0.8370E-01	0.8242E-01	0.8398E-01	0.000
TWh Generated	34.20	25.41	23.36	18.28	0.000
TWh Generated Qualifying	-0.3420E+05	-0.2541E+05	-0.2336E+05	-0.1828E+05	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	1268.	0.000	0.000	0.000	0.000

Constraint Name: North Carolina Progress - SO2 Cap Annual      Constraint #: 360  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	100.0	50.00	50.00	50.00	50.00
-Emissions at Affected Plants [MTons]	83.02	34.48	31.19	13.06	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	83.02	34.48	31.19	13.06	0.000
TBtu Consumed	353.7	261.3	240.0	185.4	0.000
Rate - [lb/MMBtu]	0.4695	0.2639	0.2600	0.1409	0.000
TWh Generated	34.20	25.41	23.36	18.28	0.000
TWh Generated Qualifying	-0.3420E+05	-0.2541E+05	-0.2336E+05	-0.1828E+05	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Dominion Consent Decree - NOX Cap Annual      Constraint #: 361  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	63.00	30.25	30.25	30.25	30.25
-Emissions at Affected Plants [MTons]	36.25	22.61	19.30	11.18	1.140
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	36.25	22.61	19.30	11.18	1.140
TBtu Consumed	376.8	314.6	283.7	222.5	31.02
Rate - [lb/MMBtu]	0.1924	0.1438	0.1361	0.1005	0.7352E-01
TWh Generated	38.01	32.32	29.07	22.94	3.322
TWh Generated Qualifying	-0.3801E+05	-0.3232E+05	-0.2906E+05	-0.2294E+05	-3322.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Dominion Consent Decree - NOX Rate Annual      Constraint #: 362  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	22.61	19.30	11.18	1.140
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	22.61	19.30	11.18	1.140
TBtu Consumed	0.000	314.6	283.7	222.5	31.02
Rate - [lb/MMBtu]	0.000	0.1438	0.1361	0.1005	0.7352E-01
TWh Generated	0.000	32.32	29.07	22.94	3.322
TWh Generated Qualifying	0.000	-0.3232E+05	-0.2906E+05	-0.2294E+05	-3322.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: NSR Illinois Power Settlement - NOX Cap Annual      Constraint #: 363  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	13.80	13.80	13.80	13.80	13.80
-Emissions at Affected Plants [MTons]	9.798	6.624	6.527	5.102	2.496
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	9.798	6.624	6.527	5.102	2.496
TBtu Consumed	230.0	132.1	131.8	109.4	64.32
Rate - [lb/MMBtu]	0.8519E-01	0.1003	0.9905E-01	0.9328E-01	0.7760E-01
TWh Generated	22.17	13.15	13.14	11.01	6.542
TWh Generated Qualifying	-0.2216E+05	-0.1315E+05	-0.1314E+05	-0.1101E+05	-6542.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Illinois Power Settlement - SO2 Cap Summer      Constraint #: 364  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	62.00	29.00	29.00	29.00	29.00
-Emissions at Affected Plants [MTons]	62.00	16.21	15.30	9.754	3.216
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	62.00	16.21	15.30	9.754	3.216
TBtu Consumed	230.0	132.1	131.8	109.4	64.32
Rate - [lb/MMBtu]	0.5391	0.2455	0.2321	0.1783	0.1000
TWh Generated	22.17	13.15	13.14	11.01	6.542
TWh Generated Qualifying	-0.2216E+05	-0.1315E+05	-0.1314E+05	-0.1101E+05	-6542.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	1125.	0.000	0.000	0.000	0.000

Constraint Name: NSR Minnkota Power Settlement - SO2 Cap Annual      Constraint #: 365  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	31.00	8.500	8.500	8.500	8.500
-Emissions at Affected Plants [MTons]	9.829	1.678	1.587	0.5197	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	9.829	1.678	1.587	0.5197	0.000
TBtu Consumed	59.43	52.07	48.88	16.14	0.000
Rate - [lb/MMBtu]	0.3308	0.6445E-01	0.6494E-01	0.6439E-01	0.000
TWh Generated	5.214	4.555	4.279	1.415	0.000
TWh Generated Qualifying	-5214.	-4555.	-4279.	-1415.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Mirant Settlement - NOX Cap Annual

Constraint #: 366

Constraint Type: Rate Cap [MTons]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	16.00	16.00	16.00	16.00	16.00
-Emissions at Affected Plants [MTons]	14.29	12.59	11.93	8.534	3.937
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	14.29	12.59	11.93	8.534	3.937
TBtu Consumed	175.5	165.6	160.5	131.9	73.94
Rate - [lb/MMBtu]	0.1629	0.1521	0.1487	0.1294	0.1065
TWh Generated	17.32	16.51	16.01	13.22	7.518
TWh Generated Qualifying	-0.1732E+05	-0.1651E+05	-0.1601E+05	-0.1322E+05	-7518.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Mirant Settlement - NOX Cap Summer  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 SUMMER  
Run Year, Seasons Included: 2015 SUMMER  
Run Year, Seasons Included: 2020 SUMMER  
Run Year, Seasons Included: 2025 SUMMER  
Run Year, Seasons Included: 2032 SUMMER

Constraint #: 367

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	5.200	5.200	5.200	5.200	5.200
-Emissions at Affected Plants [MTons]	5.200	5.200	5.065	3.640	2.864
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	5.200	5.200	5.065	3.640	2.864
TBtu Consumed	70.74	70.84	68.82	54.98	38.19
Rate - [lb/MMBtu]	0.1470	0.1468	0.1472	0.1324	0.1500
TWh Generated	7.058	7.062	6.872	5.509	3.875
TWh Generated Qualifying	-7058.	-7062.	-6872.	-5509.	-3875.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	940.0	2.094	0.000	0.000	0.000

Constraint Name: NSR Mirant Settlement - NOX Rate Summer  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 SUMMER  
Run Year, Seasons Included: 2015 SUMMER  
Run Year, Seasons Included: 2020 SUMMER  
Run Year, Seasons Included: 2025 SUMMER  
Run Year, Seasons Included: 2032 SUMMER

Constraint #: 368

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	5.200	5.200	5.065	3.640	2.864
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	5.200	5.200	5.065	3.640	2.864
TBtu Consumed	70.74	70.84	68.82	54.98	38.19
Rate - [lb/MMBtu]	0.1470	0.1468	0.1472	0.1324	0.1500
TWh Generated	7.058	7.062	6.872	5.509	3.875
TWh Generated Qualifying	-7058.	-7062.	-6872.	-5509.	-3875.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	587.2

Constraint Name: NSR Mirant Settlement - Potomac NOX Cap Annual      Constraint #: 369  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	3.700	3.700	3.700	3.700	3.700
-Emissions at Affected Plants [MTons]	3.700	2.550	2.273	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	3.700	2.550	2.273	0.000	0.000
TBTu Consumed	22.18	15.41	13.73	0.000	0.000
Rate - [lb/MMBtu]	0.3336	0.3310	0.3310	0.000	0.000
TWh Generated	2.001	1.496	1.333	0.000	0.000
TWh Generated Qualifying	-2001.	-1496.	-1333.	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	7519.	0.000	0.000	0.000	0.000

Constraint Name: NSR Mirant Settlement - Potomac NOX Cap Summer      Constraint #: 370  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	1.480	1.480	1.480	1.480	1.480
-Emissions at Affected Plants [MTons]	0.8165	1.079	0.9883	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.8165	1.079	0.9883	0.000	0.000
TBTu Consumed	4.933	6.522	5.972	0.000	0.000
Rate - [lb/MMBTu]	0.3310	0.3310	0.3310	0.000	0.000
TWh Generated	0.4789	0.6332	0.5797	0.000	0.000
TWh Generated Qualifying	-478.9	-633.2	-579.7	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: NSR Ohio Edison Settlement - NOX Cap Annual      Constraint #: 371  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	17.33	11.86	11.86	11.86	11.86
-Emissions at Affected Plants [MTons]	11.78	11.16	10.73	8.496	2.909
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	11.78	11.16	10.73	8.496	2.909
TBTu Consumed	154.8	149.1	145.9	127.1	70.75
Rate - [lb/MMBTu]	0.1522	0.1497	0.1471	0.1336	0.8222E-01
TWh Generated	15.95	15.32	14.99	13.14	7.401
TWh Generated Qualifying	-0.1595E+05	-0.1531E+05	-0.1499E+05	-0.1314E+05	-7401.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Ohio Edison Settlement - SO2 Cap Annual      Constraint #: 372  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	101.5	29.90	29.90	29.90	29.90
-Emissions at Affected Plants [MTons]	87.33	29.90	29.90	29.90	8.327
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	87.33	29.90	29.90	29.90	8.327
TBtu Consumed	154.8	149.1	145.9	127.1	70.75
Rate - [lb/MMBtu]	1.128	0.4010	0.4100	0.4703	0.2354
TWh Generated	15.95	15.32	14.99	13.14	7.401
TWh Generated Qualifying	-0.1595E+05	-0.1531E+05	-0.1499E+05	-0.1314E+05	-7401.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	225.8	180.6	172.0	0.000

Constraint Name: NSR Santee Cooper Settlement - NOX Cap Annual      Constraint #: 373  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	20.00	20.00	20.00	20.00	20.00
-Emissions at Affected Plants [MTons]	13.23	11.70	10.62	4.342	1.743
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	13.23	11.70	10.62	4.342	1.743
TBtu Consumed	207.3	190.3	175.5	144.7	58.09
Rate - [lb/MMBtu]	0.1276	0.1229	0.1210	0.6000E-01	0.6000E-01
TWh Generated	20.54	18.89	17.43	14.50	5.866
TWh Generated Qualifying	-0.2054E+05	-0.1889E+05	-0.1743E+05	-0.1450E+05	-5866.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Santee Cooper Settlement - NOX Rate Annual      Constraint #: 374  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	13.23	11.70	10.62	4.342	1.743
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	13.23	11.70	10.62	4.342	1.743
TBtu Consumed	207.3	190.3	175.5	144.7	58.09
Rate - [lb/MMBtu]	0.1276	0.1229	0.1210	0.6000E-01	0.6000E-01
TWh Generated	20.54	18.89	17.43	14.50	5.866
TWh Generated Qualifying	-0.2054E+05	-0.1889E+05	-0.1743E+05	-0.1450E+05	-5866.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Santee Cooper Settlement - SO2 Cap Annual      Constraint #: 375  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	70.00	65.00	65.00	65.00	65.00
-Emissions at Affected Plants [MTons]	39.64	31.17	20.48	4.833	1.969
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	39.64	31.17	20.48	4.833	1.969
TBtu Consumed	207.3	190.3	175.5	144.7	58.09
Rate - [lb/MMBtu]	0.3825	0.3276	0.2334	0.6679E-01	0.6777E-01
TWh Generated	20.54	18.89	17.43	14.50	5.866
TWh Generated Qualifying	-0.2054E+05	-0.1889E+05	-0.1743E+05	-0.1450E+05	-5866.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Santee Cooper Settlement - SO2 Rate Annual      Constraint #: 376  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.5300	0.5000	0.5000	0.5000	0.5000
-Emissions at Affected Plants [MTons]	39.64	31.17	20.48	4.833	1.969
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	39.64	31.17	20.48	4.833	1.969
TBtu Consumed	207.3	190.3	175.5	144.7	58.09
Rate - [lb/MMBtu]	0.3825	0.3276	0.2334	0.6679E-01	0.6777E-01
TWh Generated	20.54	18.89	17.43	14.50	5.866
TWh Generated Qualifying	-0.2054E+05	-0.1889E+05	-0.1743E+05	-0.1450E+05	-5866.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level Baldwin 1-3 - SO2 Rate Annual (CLM) Constraint #: 377  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	2.194	2.241	2.178	1.617
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.194	2.241	2.178	1.617
TBtu Consumed	0.000	43.87	44.82	43.56	32.34
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
TWh Generated	0.000	4.476	4.574	4.444	3.301
TWh Generated Qualifying	0.000	-4476.	-4574.	-4444.	-3301.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	4430.	510.8	1028.	254.1

Constraint Name: NSR Unit Level Baldwin 1-3 - SO2 Rate Annual (DPP) Constraint #: 378  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.1011E+05	6494.	8735.	1373.



Constraint Name: NSR Unit Level Baldwin 1-3 - SO2 Rate Annual (DPQ) Constraint #: 379  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	2.193	2.234	2.234	1.599
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.193	2.234	2.234	1.599
TBtu Consumed	0.000	43.85	44.68	44.68	31.98
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
TWh Generated	0.000	4.444	4.529	4.529	3.241
TWh Generated Qualifying	0.000	-4444.	-4529.	-4529.	-3241.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3757.	1698.	536.3	1373.

Constraint Name: NSR Unit Level Baldwin 3 - NOX Rate Annual      Constraint #: 380  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1200	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	2.062	2.084	2.129	2.069	1.536
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	2.062	2.084	2.129	2.069	1.536
TBtu Consumed	43.41	43.87	44.82	43.56	32.34
Rate - [lb/MMBtu]	0.9500E-01	0.9500E-01	0.9500E-01	0.9500E-01	0.9500E-01
TWh Generated	4.466	4.476	4.574	4.444	3.301
TWh Generated Qualifying	-4466.	-4476.	-4574.	-4444.	-3301.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level Big Bend 1-3 - NOX Rate Annual (EHV Constraint #: 381)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.9957	0.8697	0.7846	0.7185	0.3139
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.9957	0.8697	0.7846	0.7185	0.3139
TBtu Consumed	32.65	28.52	25.72	23.56	10.29
Rate - [lb/MMBtu]	0.6100E-01	0.6100E-01	0.6100E-01	0.6100E-01	0.6100E-01
TWh Generated	3.093	2.701	2.437	2.232	0.9750
TWh Generated Qualifying	-3093.	-2701.	-2437.	-2232.	-975.0
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level Big Bend 1-3 - NOX Rate Annual (EHW Constraint #: 382)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.9346	0.8163	0.8163	0.7364	0.2946
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.9346	0.8163	0.8163	0.7364	0.2946
TBtu Consumed	30.64	26.76	26.76	24.14	9.660
Rate - [lb/MMBtu]	0.6100E-01	0.6100E-01	0.6100E-01	0.6100E-01	0.6100E-01
TWh Generated	3.019	2.637	2.637	2.379	0.9518
TWh Generated Qualifying	-3019.	-2637.	-2637.	-2379.	-951.8
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level Big Bend 1-3 - NOX Rate Annual (EHX Constraint #: 383)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.9753	0.8519	0.7685	0.7685	0.3075
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.9753	0.8519	0.7685	0.7685	0.3075
TBtu Consumed	32.51	28.40	25.62	25.62	10.25
Rate - [lb/MMBtu]	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	3.144	2.746	2.477	2.477	0.9912
TWh Generated Qualifying	-3144.	-2746.	-2477.	-2477.	-991.2
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level Chesapeake 3,4 - NOX Rate Annual (B Constraint #: 384  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.5692	0.4972	0.4596	0.2197
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.5692	0.4972	0.4596	0.2197
TBtu Consumed	0.000	11.38	9.945	9.193	7.322
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.6000E-01
TWh Generated	0.000	1.167	1.019	0.9424	0.7507
TWh Generated Qualifying	0.000	-1167.	-1019.	-942.4	-750.7
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1986.	432.4	633.9	0.000

Constraint Name: NSR Unit Level Chesapeake 3,4 - NOX Rate Annual (B Constraint #: 385  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3345.	3294.	7716.	0.1655E+05

Constraint Name: NSR Unit Level Chesterfield 4-6 - NOX Rate Annual Constraint #: 386  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.6262	0.5056	0.2447	0.1115
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.6262	0.5056	0.2447	0.1115
TBtu Consumed	0.000	12.52	10.11	8.155	3.717
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.6000E-01	0.6000E-01
TWh Generated	0.000	1.242	1.003	0.8088	0.3686
TWh Generated Qualifying	0.000	-1242.	-1003.	-808.7	-368.6
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	757.9	1895.	0.000	0.000



Constraint Name: NSR Unit Level Chesterfield 4-6 - NOX Rate Annual    Constraint #: 387  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	2524.	1575.	2955.	2798.

Constraint Name: NSR Unit Level Chesterfield 4-6 - NOX Rate Annual Constraint #: 388  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	2.386	2.254	1.925	0.7557
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.386	2.254	1.925	0.7557
TBtu Consumed	0.000	47.72	45.07	38.50	15.11
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
TWh Generated	0.000	4.805	4.538	3.877	1.522
TWh Generated Qualifying	0.000	-4805.	-4538.	-3877.	-1522.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	250.5	380.5	0.000	353.5

Constraint Name: NSR Unit Level Chesterfield 5 - SO2 Rate Annual      Constraint #: 389  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1300	0.1300	0.1300	0.1300
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3124.	3547.	4449.	4661.

Constraint Name: NSR Unit Level Chesterfield 6 - SO2 Rate Annual      Constraint #: 390  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1300	0.1300	0.1300	0.1300	0.1300
-Emissions at Affected Plants [MTons]	3.102	3.102	2.805	2.396	0.9405
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	3.102	3.102	2.805	2.396	0.9405
TBtu Consumed	47.72	47.72	45.07	38.50	15.11
Rate - [lb/MMBtu]	0.1300	0.1300	0.1244	0.1245	0.1244
TWh Generated	4.805	4.805	4.538	3.877	1.522
TWh Generated Qualifying	-4805.	-4805.	-4538.	-3877.	-1522.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	5043.	1451.	0.000	0.000	0.000

Constraint Name: NSR Unit Level Havana 9 - SO2 Rate Annual      Constraint #: 391  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	1.200	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	10.65	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	10.65	0.000	0.000	0.000	0.000
TBtu Consumed	36.72	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.5800	0.000	0.000	0.000	0.000
TWh Generated	3.380	0.000	0.000	0.000	0.000
TWh Generated Qualifying	-3380.	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	9321.	0.1037E+05	0.1170E+05	9044.

Constraint Name: NSR Unit Level Hennepin 1,2 - SO2 Rate Annual (CLL Constraint #: 392)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	1.200	1.200	1.200	1.200	1.200
-Emissions at Affected Plants [MTons]	1.818	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.818	0.000	0.000	0.000	0.000
TBtu Consumed	6.270	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.5800	0.000	0.000	0.000	0.000
TWh Generated	0.5319	0.000	0.000	0.000	0.000
TWh Generated Qualifying	-531.9	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level Hennepin 1,2 - SO2 Rate Annual (CLN Constraint #: 393)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	1.200	1.200	1.200	1.200	1.200
-Emissions at Affected Plants [MTons]	5.229	4.834	4.353	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	5.229	4.834	4.353	0.000	0.000
TBtu Consumed	18.03	16.67	16.67	0.000	0.000
Rate - [lb/MMBtu]	0.5800	0.5800	0.5224	0.000	0.000
TWh Generated	1.698	1.569	1.569	0.000	0.000
TWh Generated Qualifying	-1698.	-1569.	-1569.	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level Hudson 2 - SO2 Rate Annual      Constraint #: 394  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	3.455	3.089	2.392	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	3.455	3.089	2.392	0.000	0.000
TBtu Consumed	47.65	42.61	38.45	0.000	0.000
Rate - [lb/MMBtu]	0.1450	0.1450	0.1244	0.000	0.000
TWh Generated	4.471	3.998	3.608	0.000	0.000
TWh Generated Qualifying	-4471.	-3998.	-3607.	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: NSR Unit Level James Miller 3,4 - NOX Rate Annual Constraint #: 395  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	1.566	1.368	1.566	1.368	0.4959
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.566	1.368	1.566	1.368	0.4959
TBtu Consumed	52.19	45.58	52.19	45.58	16.53
Rate - [lb/MMBtu]	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	5.155	4.429	5.070	4.429	1.606
TWh Generated Qualifying	-5155.	-4429.	-5070.	-4429.	-1606.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level James Miller 3,4 - NOX Rate Annual    Constraint #: 396  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	1.544	1.349	1.544	1.457	1.114
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.544	1.349	1.544	1.457	1.114
TBtu Consumed	51.48	44.97	51.48	48.57	37.15
Rate - [lb/MMBtu]	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	5.155	4.448	5.092	4.803	3.674
TWh Generated Qualifying	-5155.	-4448.	-5092.	-4803.	-3674.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level Mercer 1,2 - SO2 Rate Annual (DPF) Constraint #: 397  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	1.715	1.564	1.415	1.311
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	1.715	1.564	1.415	1.311
TBtu Consumed	0.000	22.87	20.85	18.87	17.47
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	2.199	2.004	1.814	1.680
TWh Generated Qualifying	0.000	-2199.	-2004.	-1814.	-1680.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1418.	2463.	274.4	597.2

Constraint Name: NSR Unit Level Mercer 1,2 - SO2 Rate Annual (DPG) Constraint #: 398  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	1.716	1.564	1.415	1.311
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	1.716	1.564	1.415	1.311
TBtu Consumed	0.000	22.88	20.85	18.87	17.48
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	2.199	2.004	1.814	1.680
TWh Generated Qualifying	0.000	-2199.	-2004.	-1814.	-1680.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1418.	2441.	308.6	590.5

Constraint Name: NSR Unit Level Milton Young 1,2 - NOX Rate Annual    Constraint #: 399  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3600	0.3600	0.3600	0.3600	0.3600
-Emissions at Affected Plants [MTons]	0.7359	0.6484	0.6428	0.2311	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.7359	0.6484	0.6428	0.2311	0.000
TBtu Consumed	20.73	18.27	18.11	6.509	0.000
Rate - [lb/MMBtu]	0.7101E-01	0.7100E-01	0.7100E-01	0.7100E-01	0.000
TWh Generated	1.871	1.636	1.621	0.5829	0.000
TWh Generated Qualifying	-1871.	-1636.	-1621.	-582.9	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level Milton Young 1,2 - NOX Rate Annual    Constraint #: 400  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3600	0.3600	0.3600	0.3600	0.3600
-Emissions at Affected Plants [MTons]	1.374	1.200	1.093	0.3420	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.374	1.200	1.093	0.3420	0.000
TBtu Consumed	38.71	33.81	30.77	9.634	0.000
Rate - [lb/MMBtu]	0.7101E-01	0.7101E-01	0.7101E-01	0.7100E-01	0.000
TWh Generated	3.342	2.920	2.657	0.8319	0.000
TWh Generated Qualifying	-3342.	-2919.	-2657.	-831.9	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level Oak Creek 5-8 - NOX Rate Annual (CT Constraint #: 401  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	4817.	3290.	1131.	0.000

Constraint Name: NSR Unit Level Oak Creek 5-8 - NOX Rate Annual (CU Constraint #: 402  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	5170.	3315.	1660.	0.000



Constraint Name: NSR Unit Level Oak Creek 5-8 - NOX Rate Annual (CV Constraint #: 403)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	2371.	1224.	543.2	0.000

Constraint Name: NSR Unit Level Oak Creek 5-8 - NOX Rate Annual (CW Constraint #: 404  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.1449E+05	7028.	0.000	4377.

Constraint Name: NSR Unit Level Oak Creek 5-8 - SO2 Rate Annual (CT Constraint #: 405)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.1342E+05	0.1249E+05	0.1250E+05	0.000

Constraint Name: NSR Unit Level Oak Creek 5-8 - SO2 Rate Annual (CU Constraint #: 406  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.1044E+05	9244.	0.1127E+05	0.000

Constraint Name: NSR Unit Level Oak Creek 5-8 - SO2 Rate Annual (CV Constraint #: 407)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.1230E+05	6918.	5062.	0.000

Constraint Name: NSR Unit Level Oak Creek 5-8 - SO2 Rate Annual (CW Constraint #: 408)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	9507.	3942.	49.55	0.000

Constraint Name: NSR Unit Level Vermilion 1,2 - SO2 Rate Annual (CL Constraint #: 409)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	1.200	1.200	1.200	1.200	1.200
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level Vermilion 1,2 - SO2 Rate Annual (DW Constraint #: 410)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	1.200	1.200	1.200	1.200	1.200
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: NSR Unit Level W H Sammis 1-5 - SO2 Rate Annual (D Constraint #: 411  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	1.100	1.100	1.100	1.100	1.100
-Emissions at Affected Plants [MTons]	7.101	4.736	4.362	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	7.101	4.736	4.362	0.000	0.000
TBtu Consumed	12.91	11.93	11.03	0.000	0.000
Rate - [lb/MMBtu]	1.100	0.7936	0.7908	0.000	0.000
TWh Generated	1.273	1.176	1.087	0.000	0.000
TWh Generated Qualifying	-1273.	-1176.	-1087.	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	256.0	0.000	0.000	43.18	0.000

Constraint Name: NSR Unit Level W H Sammis 1-5 - SO2 Rate Annual (D Constraint #: 412)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	1.100	1.100	1.100	1.100	1.100
-Emissions at Affected Plants [MTons]	7.175	4.785	4.641	5.179	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	7.175	4.785	4.641	5.179	0.000
TBtu Consumed	13.05	12.06	11.15	9.416	0.000
Rate - [lb/MMBtu]	1.100	0.7936	0.8327	1.100	0.000
TWh Generated	1.273	1.176	1.087	0.9185	0.000
TWh Generated Qualifying	-1273.	-1176.	-1087.	-918.5	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	256.0	0.000	0.000	261.1	0.000

Constraint Name: NSR Unit Level W H Sammis 1-5 - SO2 Rate Annual (D Constraint #: 413)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	1.100	1.100	1.100	1.100	1.100
-Emissions at Affected Plants [MTons]	7.420	4.676	5.105	5.354	4.228
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	7.420	4.676	5.105	5.354	4.228
TBtu Consumed	13.49	11.78	11.78	9.735	7.687
Rate - [lb/MMBtu]	1.100	0.7936	0.8665	1.100	1.100
TWh Generated	1.347	1.176	1.176	0.9718	0.7673
TWh Generated Qualifying	-1347.	-1176.	-1176.	-971.8	-767.3
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	256.0	0.000	0.000	261.1	378.6

Constraint Name: NSR Unit Level W H Sammis 1-5 - SO2 Rate Annual (D Constraint #: 414  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	1.100	1.100	1.100	1.100	1.100
-Emissions at Affected Plants [MTons]	6.954	4.533	5.063	5.310	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	6.954	4.533	5.063	5.310	0.000
TBtu Consumed	12.64	11.69	11.69	9.655	0.000
Rate - [lb/MMBtu]	1.100	0.7757	0.8665	1.100	0.000
TWh Generated	1.273	1.176	1.176	0.9718	0.000
TWh Generated Qualifying	-1273.	-1176.	-1176.	-971.8	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	256.0	0.000	0.000	261.1	91.14

Constraint Name: NSR Unit Level W H Sammis 1-5 - SO2 Rate Annual (D Constraint #: 415  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	1.100	1.100	1.100	1.100	1.100
-Emissions at Affected Plants [MTons]	11.38	5.806	5.364	8.692	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	11.38	5.806	5.364	8.692	0.000
TBtu Consumed	20.69	19.13	17.68	15.80	0.000
Rate - [lb/MMBtu]	1.100	0.6070	0.6070	1.100	0.000
TWh Generated	2.088	1.930	1.784	1.595	0.000
TWh Generated Qualifying	-2088.	-1930.	-1784.	-1595.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	118.5	0.000	0.000	26.81	91.44

Constraint Name: NSR Unit Level W H Sammis 5 - NOX Rate Annual      Constraint #: 416  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2900	0.2900	0.2900	0.2900	0.2900
-Emissions at Affected Plants [MTons]	3.000	2.774	2.563	2.291	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	3.000	2.774	2.563	2.291	0.000
TBtu Consumed	20.69	19.13	17.68	15.80	0.000
Rate - [lb/MMBtu]	0.2900	0.2900	0.2900	0.2900	0.000
TWh Generated	2.088	1.930	1.784	1.595	0.000
TWh Generated Qualifying	-2088.	-1930.	-1784.	-1595.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level W H Sammis 6 - SO2 Rate Annual      Constraint #: 417  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1300	0.1300	0.1300	0.1300	0.1300
-Emissions at Affected Plants [MTons]	2.671	2.671	2.671	2.671	2.155
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	2.671	2.671	2.671	2.671	2.155
TBtu Consumed	41.09	41.09	41.09	41.09	33.15
Rate - [lb/MMBtu]	0.1300	0.1300	0.1300	0.1300	0.1300
TWh Generated	4.340	4.340	4.340	4.340	3.501
TWh Generated Qualifying	-4340.	-4340.	-4340.	-4340.	-3501.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	5216.	3372.	383.9	2197.	3700.

Constraint Name: NSR Unit Level W H Sammis 6,7 - NOX Rate Annual (D Constraint #: 418  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	1.233	1.233	1.233	0.9945
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	1.233	1.233	1.233	0.9945
TBtu Consumed	0.000	41.09	41.09	41.09	33.15
Rate - [lb/MMBtu]	0.000	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	0.000	4.340	4.340	4.340	3.501
TWh Generated Qualifying	0.000	-4340.	-4340.	-4340.	-3501.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: NSR Unit Level W H Sammis 6,7 - NOX Rate Annual (D Constraint #: 419  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.000	2.072	2.072	2.072	1.495
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.072	2.072	2.072	1.495
TBtu Consumed	0.000	41.45	41.45	41.45	29.91
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
TWh Generated	0.000	4.340	4.340	4.340	3.132
TWh Generated Qualifying	0.000	-4340.	-4340.	-4340.	-3132.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	89.68	0.000	0.000	0.000

Constraint Name: NSR Unit Level W H Sammis 7 - SO2 Rate Annual      Constraint #: 420  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1300	0.1300	0.1300	0.1300
-Emissions at Affected Plants [MTons]	0.000	2.694	2.694	2.694	1.944
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	2.694	2.694	2.694	1.944
TBtu Consumed	0.000	41.45	41.45	41.45	29.91
Rate - [lb/MMBtu]	0.000	0.1300	0.1300	0.1300	0.1300
TWh Generated	0.000	4.340	4.340	4.340	3.132
TWh Generated Qualifying	0.000	-4340.	-4340.	-4340.	-3132.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3372.	383.9	2197.	3700.

Constraint Name: NSR Unit Level Wood River 4,5 - SO2 Rate Annual (C Constraint #: 421  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	1.200	1.200	1.200	1.200	1.200
-Emissions at Affected Plants [MTons]	2.357	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	2.357	0.000	0.000	0.000	0.000
TBtu Consumed	8.128	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.5800	0.000	0.000	0.000	0.000
TWh Generated	0.6862	0.000	0.000	0.000	0.000
TWh Generated Qualifying	-686.2	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level Wood River 4,5 - SO2 Rate Annual (C Constraint #: 422)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	1.200	1.200	1.200	1.200	1.200
-Emissions at Affected Plants [MTons]	8.032	6.994	6.466	5.342	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	8.032	6.994	6.466	5.342	0.000
TBtu Consumed	27.70	27.70	25.61	21.16	0.000
Rate - [lb/MMBtu]	0.5800	0.5050	0.5050	0.5050	0.000
TWh Generated	2.666	2.666	2.465	2.036	0.000
TWh Generated Qualifying	-2666.	-2666.	-2465.	-2036.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR WEPCO Settlement - NOX Cap Annual  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 423

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	23.40	17.40	17.40	17.40	17.40
-Emissions at Affected Plants [MTons]	17.05	8.697	5.619	0.3039	0.3084
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	17.05	8.697	5.619	0.3039	0.3084
TBtu Consumed	221.5	118.9	135.3	55.26	56.07
Rate - [lb/MMBtu]	0.1540	0.1463	0.8307E-01	0.1100E-01	0.1100E-01
TWh Generated	20.84	10.74	16.32	8.509	8.634
TWh Generated Qualifying	-0.2084E+05	-0.1074E+05	-0.1632E+05	-8509.	-8634.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR WEPCO Settlement - NOX Rate Annual      Constraint #: 424  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1900	0.1700	0.1700	0.1700	0.1700
-Emissions at Affected Plants [MTons]	17.05	8.697	5.619	0.3039	0.3084
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	17.05	8.697	5.619	0.3039	0.3084
TBtu Consumed	221.5	118.9	135.3	55.26	56.07
Rate - [lb/MMBtu]	0.1540	0.1463	0.8307E-01	0.1100E-01	0.1100E-01
TWh Generated	20.84	10.74	16.32	8.509	8.634
TWh Generated Qualifying	-0.2084E+05	-0.1074E+05	-0.1632E+05	-8509.	-8634.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR WEPCO Settlement - SO2 Cap Annual  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 425

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	55.40	33.30	33.30	33.30	33.30
-Emissions at Affected Plants [MTons]	47.01	13.64	7.161	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	47.01	13.64	7.161	0.000	0.000
TBtu Consumed	221.5	118.9	135.3	55.26	56.07
Rate - [lb/MMBtu]	0.4245	0.2296	0.1059	0.000	0.000
TWh Generated	20.84	10.74	16.32	8.509	8.634
TWh Generated Qualifying	-0.2084E+05	-0.1074E+05	-0.1632E+05	-8509.	-8634.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NSR WEPCO Settlement - SO2 Rate Annual      Constraint #: 426  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.4500	0.3200	0.3200	0.3200	0.3200
-Emissions at Affected Plants [MTons]	47.01	13.64	7.161	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	47.01	13.64	7.161	0.000	0.000
TBtu Consumed	221.5	118.9	135.3	55.26	56.07
Rate - [lb/MMBtu]	0.4245	0.2296	0.1059	0.000	0.000
TWh Generated	20.84	10.74	16.32	8.509	8.634
TWh Generated Qualifying	-0.2084E+05	-0.1074E+05	-0.1632E+05	-8509.	-8634.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	5.399



Constraint Name: Pacific Northwest Constraint - CO2 Penalty Annual    Constraint #: 427  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	0.000	0.000	0.000	0.000	0.000
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] CO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	1.158	0.000

Constraint Name: State Niagara Mohawk Power - NOX Cap Annual      Constraint #: 428  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	4.861	3.241	3.241	3.241	3.241
-Emissions at Affected Plants [MTons]	4.861	3.241	3.241	0.4322	0.2730
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	4.861	3.241	3.241	0.4322	0.2730
TBtu Consumed	62.36	45.59	45.59	14.41	9.099
Rate - [lb/MMBtu]	0.1559	0.1422	0.1422	0.6000E-01	0.6000E-01
TWh Generated	5.776	4.493	4.493	1.458	0.9209
TWh Generated Qualifying	-5776.	-4493.	-4493.	-1458.	-920.9
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.1094E+05	3155.	506.2	0.000	0.000

Constraint Name: State Niagara Mohawk Power - SO2 Cap Annual      Constraint #: 429  
 Constraint Type: Rate Cap [MTons]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	19.44	14.17	14.17	14.17	14.17
-Emissions at Affected Plants [MTons]	19.44	14.17	13.22	14.17	8.949
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	19.44	14.17	13.22	14.17	8.949
TBtu Consumed	62.36	45.59	45.59	14.41	9.099
Rate - [lb/MMBtu]	0.6236	0.6216	0.5800	1.967	1.967
TWh Generated	5.776	4.493	4.493	1.458	0.9209
TWh Generated Qualifying	-5776.	-4493.	-4493.	-1458.	-920.9
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	197.2	47.56	0.000	12.96	0.000

Constraint Name: State Unit Level Comanche 1,2 - NOX Rate Annual (C Constraint #: 430  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	1.846	1.846	1.846	1.613	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.846	1.846	1.846	1.613	0.000
TBtu Consumed	28.19	28.19	28.19	24.62	0.000
Rate - [lb/MMBtu]	0.1310	0.1310	0.1310	0.1310	0.000
TWh Generated	2.696	2.696	2.696	2.355	0.000
TWh Generated Qualifying	-2696.	-2696.	-2696.	-2355.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: State Unit Level Comanche 1,2 - NOX Rate Annual (C Constraint #: 431  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	2.140	2.140	2.140	1.870	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	2.140	2.140	2.140	1.870	0.000
TBtu Consumed	28.54	28.54	28.54	24.93	0.000
Rate - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.000
TWh Generated	2.726	2.726	2.726	2.381	0.000
TWh Generated Qualifying	-2726.	-2726.	-2726.	-2381.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.1308E+05	0.000	0.000	95.27	0.000

Constraint Name: State Unit Level Comanche 1,2 - SO2 Rate Annual (C Constraint #: 432  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	1.325	1.325	1.325	0.9983	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.325	1.325	1.325	0.9983	0.000
TBtu Consumed	28.19	28.19	28.19	24.62	0.000
Rate - [lb/MMBtu]	0.9400E-01	0.9400E-01	0.9400E-01	0.8110E-01	0.000
TWh Generated	2.696	2.696	2.696	2.355	0.000
TWh Generated Qualifying	-2696.	-2696.	-2696.	-2355.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: State Unit Level Comanche 1,2 - SO2 Rate Annual (C Constraint #: 433  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	1.341	1.341	1.341	1.011	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.341	1.341	1.341	1.011	0.000
TBtu Consumed	28.54	28.54	28.54	24.93	0.000
Rate - [lb/MMBtu]	0.9400E-01	0.9400E-01	0.9400E-01	0.8110E-01	0.000
TWh Generated	2.726	2.726	2.726	2.381	0.000
TWh Generated Qualifying	-2726.	-2726.	-2726.	-2381.	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: State Unit Level Comanche 3 - NOX Rate Annual      Constraint #: 434  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.8000E-01	0.8000E-01	0.8000E-01	0.8000E-01	0.8000E-01
-Emissions at Affected Plants [MTons]	1.450	1.450	1.450	1.450	1.369
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.450	1.450	1.450	1.450	1.369
TBtu Consumed	48.33	48.33	48.33	48.33	45.65
Rate - [lb/MMBtu]	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	5.516	5.516	5.516	5.516	5.209
TWh Generated Qualifying	-5516.	-5516.	-5516.	-5516.	-5209.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: State Unit Level Comanche 3 - SO2 Rate Annual      Constraint #: 435  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.1000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	2.175	2.175	2.175	2.063	1.771
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	2.175	2.175	2.175	2.063	1.771
TBtu Consumed	48.33	48.33	48.33	48.33	45.65
Rate - [lb/MMBtu]	0.9000E-01	0.9000E-01	0.9000E-01	0.8537E-01	0.7758E-01
TWh Generated	5.516	5.516	5.516	5.516	5.209
TWh Generated Qualifying	-5516.	-5516.	-5516.	-5516.	-5209.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: State Unit Level San Juan 1-4 - NOX Rate Annual (C Constraint #: 436  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3000	0.3000	0.3000	0.3000	0.3000
-Emissions at Affected Plants [MTons]	0.1180E-04	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1180E-04	0.000	0.000	0.000	0.000
TBtu Consumed	0.5246E-04	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.4500	0.000	0.000	0.000	0.000
TWh Generated	0.4989E-05	0.000	0.000	0.000	0.000
TWh Generated Qualifying	-0.4989E-02	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	3854.	0.000	0.000	0.000	0.000

Constraint Name: State Unit Level San Juan 1-4 - NOX Rate Annual (C Constraint #: 437  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3000	0.3000	0.3000	0.3000	0.3000
-Emissions at Affected Plants [MTons]	0.5393E-04	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.5393E-04	0.000	0.000	0.000	0.000
TBtu Consumed	0.3595E-03	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.3000	0.000	0.000	0.000	0.000
TWh Generated	0.3548E-04	0.000	0.000	0.000	0.000
TWh Generated Qualifying	-0.3548E-01	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	4386.	0.000	205.3	0.000	0.000

Constraint Name: State Unit Level San Juan 1-4 - NOX Rate Annual (C Constraint #: 438  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3000	0.3000	0.3000	0.3000	0.3000
-Emissions at Affected Plants [MTons]	0.3153	0.1015	0.3103E-02	0.3103E-02	0.3103E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3153	0.1015	0.3103E-02	0.3103E-02	0.3103E-02
TBtu Consumed	2.102	1.049	0.5642	0.5642	0.5642
Rate - [lb/MMBtu]	0.3000	0.1936	0.1100E-01	0.1100E-01	0.1100E-01
TWh Generated	0.2308	0.1322	0.8687E-01	0.8687E-01	0.8687E-01
TWh Generated Qualifying	-230.8	-132.2	-86.87	-86.87	-86.87
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	1712.	0.000	0.000	0.000	0.000

Constraint Name: State Unit Level San Juan 1-4 - NOX Rate Annual (C Constraint #: 439)  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 WINTER SUMMER  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.3000	0.3000	0.3000	0.3000	0.3000
-Emissions at Affected Plants [MTons]	5.882	1.857	0.4102E-02	0.4102E-02	0.4102E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	5.882	1.857	0.4102E-02	0.4102E-02	0.4102E-02
TBtu Consumed	39.21	12.87	0.7458	0.7458	0.7458
Rate - [lb/MMBtu]	0.3000	0.2885	0.1100E-01	0.1100E-01	0.1100E-01
TWh Generated	3.793	1.275	0.1148	0.1148	0.1148
TWh Generated Qualifying	-3793.	-1275.	-114.8	-114.8	-114.8
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	3870.	0.000	0.000	0.000	0.000

Constraint Name: State Unit Level San Juan 1-4 - SO2 Rate Annual (C Constraint #: 440  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1521E-04	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1521E-04	0.000	0.000	0.000	0.000
TBtu Consumed	0.5246E-04	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.5800	0.000	0.000	0.000	0.000
TWh Generated	0.4989E-05	0.000	0.000	0.000	0.000
TWh Generated Qualifying	-0.4989E-02	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.1330E+05	0.000	198.3	0.000	0.000

Constraint Name: State Unit Level San Juan 1-4 - SO2 Rate Annual (C Constraint #: 441  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.1690E-04	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1690E-04	0.000	0.000	0.000	0.000
TBtu Consumed	0.3595E-03	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.9400E-01	0.000	0.000	0.000	0.000
TWh Generated	0.3548E-04	0.000	0.000	0.000	0.000
TWh Generated Qualifying	-0.3548E-01	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: State Unit Level San Juan 1-4 - SO2 Rate Annual (C Constraint #: 442  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	0.7229E-01	0.2279E-01	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.7229E-01	0.2279E-01	0.000	0.000	0.000
TBtu Consumed	2.102	1.049	0.5642	0.5642	0.5642
Rate - [lb/MMBtu]	0.6877E-01	0.4345E-01	0.000	0.000	0.000
TWh Generated	0.2308	0.1322	0.8687E-01	0.8687E-01	0.8687E-01
TWh Generated Qualifying	-230.8	-132.2	-86.87	-86.87	-86.87
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: State Unit Level San Juan 1-4 - SO2 Rate Annual (C Constraint #: 443  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	1.808	0.5700	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.808	0.5700	0.000	0.000	0.000
TBtu Consumed	39.21	12.87	0.7458	0.7458	0.7458
Rate - [lb/MMBtu]	0.9221E-01	0.8855E-01	0.000	0.000	0.000
TWh Generated	3.793	1.275	0.1148	0.1148	0.1148
TWh Generated Qualifying	-3793.	-1275.	-114.8	-114.8	-114.8
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: State Unit Level Westover 8 - NOX Rate Annual      Constraint #: 444  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: State Unit Level Westover 8 - SO2 Rate Annual      Constraint #: 445  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010  
 Run Year, Seasons Included: 2015 WINTER SUMMER  
 Run Year, Seasons Included: 2020 WINTER SUMMER  
 Run Year, Seasons Included: 2025 WINTER SUMMER  
 Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.000	0.3400	0.3400	0.3400	0.3400
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	8412.	0.1415E+05	0.1375E+05	6337.

Constraint Name: Texas DFW - NOX Cap Annual

Constraint #: 446

Constraint Type: Rate Cap [MTons]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	2.160	2.160	2.160	2.160	2.160
-Emissions at Affected Plants [MTons]	0.6734E-01	0.2497E-02	0.4913E-03	0.2497E-02	0.4913E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.6734E-01	0.2497E-02	0.4913E-03	0.2497E-02	0.4913E-03
TBtu Consumed	6.969	0.1387	0.2729E-01	0.1387	0.2729E-01
Rate - [lb/MMBtu]	0.1933E-01	0.3600E-01	0.3600E-01	0.3600E-01	0.3600E-01
TWh Generated	0.6822	0.1171E-01	0.2303E-02	0.1171E-01	0.2303E-02
TWh Generated Qualifying	-682.2	-11.71	-2.303	-11.71	-2.303
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Texas East - NOX Cap Annual

Constraint #: 447

Constraint Type: Rate Cap [MTons]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	58.37	58.37	58.37	58.37	58.37
-Emissions at Affected Plants [MTons]	16.47	12.27	2.374	2.200	2.065
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	16.47	12.27	2.374	2.200	2.065
TBtu Consumed	605.1	567.1	431.6	400.0	375.5
Rate - [lb/MMBtu]	0.5446E-01	0.4326E-01	0.1100E-01	0.1100E-01	0.1100E-01
TWh Generated	79.36	78.57	66.19	61.33	57.58
TWh Generated Qualifying	-0.7936E+05	-0.7857E+05	-0.6619E+05	-0.6133E+05	-0.5758E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Texas East - SO2 Cap Annual

Constraint #: 448

Constraint Type: Rate Cap [MTons]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	111.2	111.2	111.2	111.2	111.2
-Emissions at Affected Plants [MTons]	53.16	34.22	0.000	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	53.16	34.22	0.000	0.000	0.000
TBTu Consumed	605.1	567.1	431.6	400.0	375.5
Rate - [lb/MMBtu]	0.1757	0.1207	0.000	0.000	0.000
TWh Generated	79.36	78.57	66.19	61.33	57.58
TWh Generated Qualifying	-0.7936E+05	-0.7857E+05	-0.6619E+05	-0.6133E+05	-0.5758E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Texas East & Central - NOX Cap Annual  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 449

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	123.5	123.5	123.5	123.5	123.5
-Emissions at Affected Plants [MTons]	102.1	76.77	45.78	29.12	16.64
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	102.1	76.77	45.78	29.12	16.64
TBtu Consumed	1870.	1765.	1667.	1635.	1518.
Rate - [lb/MMBtu]	0.1092	0.8701E-01	0.5495E-01	0.3563E-01	0.2192E-01
TWh Generated	205.2	209.9	223.0	230.0	221.9
TWh Generated Qualifying	-0.2052E+06	-0.2099E+06	-0.2230E+06	-0.2300E+06	-0.2219E+06
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Texas El Paso - NOX Cap Annual  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	1.060	1.060	1.060	1.060	1.060
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Texas Houston - NOX Cap Annual  
Constraint Type: Rate Cap [MTons]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	8.460	8.460	8.460	8.460	8.460
-Emissions at Affected Plants [MTons]	6.952	6.191	5.167	4.791	3.500
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	6.952	6.191	5.167	4.791	3.500
TBTu Consumed	476.7	429.7	395.3	374.7	576.4
Rate - [lb/MMBtu]	0.2917E-01	0.2882E-01	0.2614E-01	0.2557E-01	0.1214E-01
TWh Generated	59.23	54.14	50.79	48.57	88.06
TWh Generated Qualifying	-0.5923E+05	-0.5414E+05	-0.5079E+05	-0.4856E+05	-0.8806E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Texas West - NOX Cap Annual

Constraint #: 452

Constraint Type: Rate Cap [MTons]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [MTon]	18.03	18.03	18.03	18.03	18.03
-Emissions at Affected Plants [MTons]	0.5206E-01	0.2519E-01	0.2519E-01	0.2519E-01	0.2519E-01
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.5206E-01	0.2519E-01	0.2519E-01	0.2519E-01	0.2519E-01
TBTu Consumed	0.7072	0.2519	0.2519	0.2519	0.2519
Rate - [lb/MMBTu]	0.1472	0.2000	0.2000	0.2000	0.2000
TWh Generated	0.6687E-01	0.2271E-01	0.2271E-01	0.2271E-01	0.2271E-01
TWh Generated Qualifying	-66.87	-22.71	-22.71	-22.71	-22.71
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BKK)      Constraint #: 453  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BKP)      Constraint #: 454  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BKQ)      Constraint #: 455  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BKR)      Constraint #: 456  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BKS)      Constraint #: 457  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BKT)      Constraint #: 458  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Wisconsin State - NOX Rate Summer (BLA)      Constraint #: 459  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BLG)      Constraint #: 460  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.1421E-02	0.2685E-02	0.1421E-02	0.1421E-02	0.1421E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1421E-02	0.2685E-02	0.1421E-02	0.1421E-02	0.1421E-02
TBtu Consumed	0.4442E-01	0.8390E-01	0.4442E-01	0.4442E-01	0.4442E-01
Rate - [lb/MMBtu]	0.6400E-01	0.6400E-01	0.6400E-01	0.6400E-01	0.6400E-01
TWh Generated	0.3290E-02	0.6215E-02	0.3290E-02	0.3290E-02	0.3290E-02
TWh Generated Qualifying	-3.290	-6.215	-3.290	-3.290	-3.290
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BLH)      Constraint #: 461  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.1843E-02	0.1843E-02	0.1843E-02	0.1843E-02	0.1843E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1843E-02	0.1843E-02	0.1843E-02	0.1843E-02	0.1843E-02
TBtu Consumed	0.4442E-01	0.4442E-01	0.4442E-01	0.4442E-01	0.4442E-01
Rate - [lb/MMBtu]	0.8300E-01	0.8300E-01	0.8300E-01	0.8300E-01	0.8300E-01
TWh Generated	0.3290E-02	0.3290E-02	0.3290E-02	0.3290E-02	0.3290E-02
TWh Generated Qualifying	-3.290	-3.290	-3.290	-3.290	-3.290
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BLI)      Constraint #: 462  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.1799E-02	0.9145E-02	0.1799E-02	0.1799E-02	0.1799E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1799E-02	0.9145E-02	0.1799E-02	0.1799E-02	0.1799E-02
TBtu Consumed	0.4442E-01	0.2258	0.4442E-01	0.4442E-01	0.4442E-01
Rate - [lb/MMBtu]	0.8100E-01	0.8100E-01	0.8100E-01	0.8100E-01	0.8100E-01
TWh Generated	0.3290E-02	0.1673E-01	0.3290E-02	0.3290E-02	0.3290E-02
TWh Generated Qualifying	-3.290	-16.73	-3.290	-3.290	-3.290
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BLJ)      Constraint #: 463  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.1888E-02	0.9597E-02	0.1888E-02	0.1888E-02	0.1888E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1888E-02	0.9597E-02	0.1888E-02	0.1888E-02	0.1888E-02
TBtu Consumed	0.4442E-01	0.2258	0.4442E-01	0.4442E-01	0.4442E-01
Rate - [lb/MMBtu]	0.8500E-01	0.8500E-01	0.8500E-01	0.8500E-01	0.8500E-01
TWh Generated	0.3290E-02	0.1673E-01	0.3290E-02	0.3290E-02	0.3290E-02
TWh Generated Qualifying	-3.290	-16.73	-3.290	-3.290	-3.290
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BLK)      Constraint #: 464  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.7041E-03	0.3579E-02	0.7041E-03	0.7041E-03	0.7041E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.7041E-03	0.3579E-02	0.7041E-03	0.7041E-03	0.7041E-03
TBtu Consumed	0.4023E-01	0.2045	0.4023E-01	0.4023E-01	0.4023E-01
Rate - [lb/MMBtu]	0.3500E-01	0.3500E-01	0.3500E-01	0.3500E-01	0.3500E-01
TWh Generated	0.3060E-02	0.1556E-01	0.3060E-02	0.3060E-02	0.3060E-02
TWh Generated Qualifying	-3.060	-15.56	-3.060	-3.060	-3.060
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BLN)      Constraint #: 465  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BLR)      Constraint #: 466  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	255.5	0.000	0.000	0.000	205.9



Constraint Name: Wisconsin State - NOX Rate Summer (BLS)      Constraint #: 467  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	2331.	2572.	2636.	2947.	3449.

Constraint Name: Wisconsin State - NOX Rate Summer (BLT)      Constraint #: 468  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	2331.	2572.	2636.	2947.	3449.

Constraint Name: Wisconsin State - NOX Rate Summer (BUF)      Constraint #: 469  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.3424E-01	0.3424E-01	0.3424E-01	0.3424E-01	0.1139E-01
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3424E-01	0.3424E-01	0.3424E-01	0.3424E-01	0.1139E-01
TBtu Consumed	2.853	2.853	2.853	2.853	0.9494
Rate - [lb/MMBtu]	0.2400E-01	0.2400E-01	0.2400E-01	0.2400E-01	0.2400E-01
TWh Generated	0.2638	0.2638	0.2638	0.2638	0.8777E-01
TWh Generated Qualifying	-263.8	-263.8	-263.8	-263.8	-87.77
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BUG)      Constraint #: 470  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.1569E-01	0.1569E-01	0.1569E-01	0.8427E-02	0.5222E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1569E-01	0.1569E-01	0.1569E-01	0.8427E-02	0.5222E-02
TBtu Consumed	2.853	2.853	2.853	1.532	0.9494
Rate - [lb/MMBtu]	0.1100E-01	0.1100E-01	0.1100E-01	0.1100E-01	0.1100E-01
TWh Generated	0.2638	0.2638	0.2638	0.1417	0.8777E-01
TWh Generated Qualifying	-263.8	-263.8	-263.8	-141.7	-87.77
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (CF2)      Constraint #: 471  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.2080E+05	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (CF3)      Constraint #: 472  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.1071E+05	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (CF4)      Constraint #: 473  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.2080E+05	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (CF5)      Constraint #: 474  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.2080E+05	0.000	0.000	0.000	0.000



Constraint Name: Wisconsin State - NOX Rate Summer (CWX)      Constraint #: 475  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.2688E+05	5257.	0.000	0.000	244.4

Constraint Name: Wisconsin State - NOX Rate Summer (CWY)      Constraint #: 476  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.4263E+05	5257.	6239.	3935.	5853.

Constraint Name: Wisconsin State - NOX Rate Summer (CWZ)      Constraint #: 477  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.4135E+05	5257.	6239.	3935.	5853.

Constraint Name: Wisconsin State - NOX Rate Summer (CXA)      Constraint #: 478  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.1239	0.2613E-04	0.2613E-04	0.2613E-04	0.2613E-04
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1239	0.2613E-04	0.2613E-04	0.2613E-04	0.2613E-04
TBtu Consumed	0.8850	0.4751E-02	0.4751E-02	0.4751E-02	0.4751E-02
Rate - [lb/MMBtu]	0.2800	0.1100E-01	0.1100E-01	0.1100E-01	0.1100E-01
TWh Generated	0.6255E-01	0.5547E-03	0.5547E-03	0.5547E-03	0.5547E-03
TWh Generated Qualifying	-62.55	-0.5547	-0.5547	-0.5547	-0.5547
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.8711E+05	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (CXB)      Constraint #: 479  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.1059	0.9247E-01	0.9247E-01	0.1580E-04	0.1580E-04
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1059	0.9247E-01	0.9247E-01	0.1580E-04	0.1580E-04
TBtu Consumed	0.7562	0.6605	0.6605	0.2873E-02	0.2873E-02
Rate - [lb/MMBtu]	0.2800	0.2800	0.2800	0.1100E-01	0.1100E-01
TWh Generated	0.7008E-01	0.6121E-01	0.6121E-01	0.3353E-03	0.3353E-03
TWh Generated Qualifying	-70.08	-61.21	-61.21	-0.3353	-0.3353
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.8748E+05	0.1487E+05	0.1393E+05	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (CXC)      Constraint #: 480  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.2688E+05	0.1487E+05	0.1393E+05	0.1459E+05	0.1012E+05

Constraint Name: Wisconsin State - NOX Rate Summer (CT2)      Constraint #: 481  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.2711E+05	0.1487E+05	0.1393E+05	0.1834E+05	0.1822E+05

Constraint Name: Wisconsin State - NOX Rate Summer (CT6)      Constraint #: 482  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.6295	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.6295	0.000	0.000	0.000	0.000
TBtu Consumed	7.319	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.1720	0.000	0.000	0.000	0.000
TWh Generated	0.7425	0.000	0.000	0.000	0.000
TWh Generated Qualifying	-742.5	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Wisconsin State - NOX Rate Summer (CU6)      Constraint #: 483  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.6399	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.6399	0.000	0.000	0.000	0.000
TBtu Consumed	7.441	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.1720	0.000	0.000	0.000	0.000
TWh Generated	0.7511	0.000	0.000	0.000	0.000
TWh Generated Qualifying	-751.1	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (CV6)      Constraint #: 484  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.5370	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.5370	0.000	0.000	0.000	0.000
TBtu Consumed	8.326	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.1290	0.000	0.000	0.000	0.000
TWh Generated	0.8478	0.000	0.000	0.000	0.000
TWh Generated Qualifying	-847.8	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (CW6)      Constraint #: 485  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.5268	0.000	0.000	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.5268	0.000	0.000	0.000	0.000
TBtu Consumed	8.429	0.000	0.000	0.000	0.000
Rate - [lb/MMBtu]	0.1250	0.000	0.000	0.000	0.000
TWh Generated	0.8776	0.000	0.000	0.000	0.000
TWh Generated Qualifying	-877.6	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (CX6)  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 SUMMER  
Run Year, Seasons Included: 2015 SUMMER  
Run Year, Seasons Included: 2020 SUMMER  
Run Year, Seasons Included: 2025 SUMMER  
Run Year, Seasons Included: 2032 SUMMER

Constraint #: 486

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	1.324	1.324	1.324	1.094	0.1825E-01
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.324	1.324	1.324	1.094	0.1825E-01
TBtu Consumed	9.459	9.459	9.459	7.814	0.6084
Rate - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.6000E-01
TWh Generated	0.9531	0.9531	0.9531	0.7874	0.6131E-01
TWh Generated Qualifying	-953.1	-953.1	-953.1	-787.4	-61.31
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	2038.	5372.	1886.	2793.	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (CXN)      Constraint #: 487  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	1.306	1.306	1.079	1.079	0.4068
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.306	1.306	1.079	1.079	0.4068
TBtu Consumed	11.98	11.98	9.898	9.898	3.732
Rate - [lb/MMBtu]	0.2180	0.2180	0.2180	0.2180	0.2180
TWh Generated	1.183	1.183	0.9773	0.9773	0.3685
TWh Generated Qualifying	-1183.	-1183.	-977.3	-977.3	-368.5
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (DAQ)      Constraint #: 488  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.1065	0.9306E-01	0.7688E-01	0.2247E-04	0.2247E-04
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1065	0.9306E-01	0.7688E-01	0.2247E-04	0.2247E-04
TBtu Consumed	0.7610	0.6647	0.5491	0.4085E-02	0.4085E-02
Rate - [lb/MMBtu]	0.2800	0.2800	0.2800	0.1100E-01	0.1100E-01
TWh Generated	0.7072E-01	0.6177E-01	0.5103E-01	0.4769E-03	0.4769E-03
TWh Generated Qualifying	-70.72	-61.77	-51.03	-0.4769	-0.4769
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.8900E+05	0.1487E+05	0.1198E+05	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (DVS)      Constraint #: 489  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.1613E-02	0.1613E-02	0.1613E-02	0.1613E-02	0.1613E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1613E-02	0.1613E-02	0.1613E-02	0.1613E-02	0.1613E-02
TBtu Consumed	0.1075	0.1075	0.1075	0.1075	0.1075
Rate - [lb/MMBtu]	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01
TWh Generated	0.6070E-02	0.6070E-02	0.6070E-02	0.6070E-02	0.6070E-02
TWh Generated Qualifying	-6.070	-6.070	-6.070	-6.070	-6.070
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (DVT)      Constraint #: 490  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.1613E-02	0.1613E-02	0.1613E-02	0.1613E-02	0.1613E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1613E-02	0.1613E-02	0.1613E-02	0.1613E-02	0.1613E-02
TBtu Consumed	0.1075	0.1075	0.1075	0.1075	0.1075
Rate - [lb/MMBtu]	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01
TWh Generated	0.6070E-02	0.6070E-02	0.6070E-02	0.6070E-02	0.6070E-02
TWh Generated Qualifying	-6.070	-6.070	-6.070	-6.070	-6.070
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Wisconsin State - NOX Rate Summer (DVU)      Constraint #: 491  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02
TBtu Consumed	0.1097	0.1097	0.1097	0.1097	0.1097
Rate - [lb/MMBtu]	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01
TWh Generated	0.6070E-02	0.6070E-02	0.6070E-02	0.6070E-02	0.6070E-02
TWh Generated Qualifying	-6.070	-6.070	-6.070	-6.070	-6.070
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (DVV)      Constraint #: 492  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02	0.1645E-02
TBtu Consumed	0.1097	0.1097	0.1097	0.1097	0.1097
Rate - [lb/MMBtu]	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01
TWh Generated	0.6070E-02	0.6070E-02	0.6070E-02	0.6070E-02	0.6070E-02
TWh Generated Qualifying	-6.070	-6.070	-6.070	-6.070	-6.070
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (DVW)      Constraint #: 493  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.3786E-03	0.3786E-03	0.3786E-03	0.3786E-03	0.3786E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3786E-03	0.3786E-03	0.3786E-03	0.3786E-03	0.3786E-03
TBtu Consumed	0.2524E-01	0.2524E-01	0.2524E-01	0.2524E-01	0.2524E-01
Rate - [lb/MMBtu]	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01
TWh Generated	0.2023E-02	0.2023E-02	0.2023E-02	0.2023E-02	0.2023E-02
TWh Generated Qualifying	-2.023	-2.023	-2.023	-2.023	-2.023
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (DVX)      Constraint #: 494  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.3786E-03	0.3786E-03	0.3786E-03	0.3786E-03	0.3786E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3786E-03	0.3786E-03	0.3786E-03	0.3786E-03	0.3786E-03
TBtu Consumed	0.2524E-01	0.2524E-01	0.2524E-01	0.2524E-01	0.2524E-01
Rate - [lb/MMBtu]	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01
TWh Generated	0.2023E-02	0.2023E-02	0.2023E-02	0.2023E-02	0.2023E-02
TWh Generated Qualifying	-2.023	-2.023	-2.023	-2.023	-2.023
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (DVY)      Constraint #: 495  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.3786E-03	0.3786E-03	0.3786E-03	0.3786E-03	0.3786E-03
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3786E-03	0.3786E-03	0.3786E-03	0.3786E-03	0.3786E-03
TBtu Consumed	0.2524E-01	0.2524E-01	0.2524E-01	0.2524E-01	0.2524E-01
Rate - [lb/MMBtu]	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-01
TWh Generated	0.2023E-02	0.2023E-02	0.2023E-02	0.2023E-02	0.2023E-02
TWh Generated Qualifying	-2.023	-2.023	-2.023	-2.023	-2.023
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (ENW)      Constraint #: 496  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.6447	0.5501	0.5501	0.000	0.000
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.6447	0.5501	0.5501	0.000	0.000
TBtu Consumed	21.49	18.34	18.34	0.000	0.000
Rate - [lb/MMBtu]	0.6000E-01	0.6000E-01	0.6000E-01	0.000	0.000
TWh Generated	1.991	1.699	1.699	0.000	0.000
TWh Generated Qualifying	-1991.	-1699.	-1699.	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (ENX)      Constraint #: 497  
 Constraint Type: Rate Limit [lb/MMBtu]  
 Run Year, Seasons Included: 2010 SUMMER  
 Run Year, Seasons Included: 2015 SUMMER  
 Run Year, Seasons Included: 2020 SUMMER  
 Run Year, Seasons Included: 2025 SUMMER  
 Run Year, Seasons Included: 2032 SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
-Emissions at Affected Plants [MTons]	0.6429	0.5542	0.2326	0.1294	0.1294
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.6429	0.5542	0.2326	0.1294	0.1294
TBtu Consumed	21.43	18.47	27.57	23.53	23.53
Rate - [lb/MMBtu]	0.6000E-01	0.6000E-01	0.1687E-01	0.1100E-01	0.1100E-01
TWh Generated	1.971	1.699	4.041	3.624	3.624
TWh Generated Qualifying	-1971.	-1699.	-4041.	-3624.	-3624.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin WEPCO - NOX Rate Annual  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 498

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.2500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	8.737	2.634	1.906	0.3039	0.3084
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	3.951	10.78	3.840	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	-3.951	0.000	0.000
Total [MTons]	8.737	6.586	8.737	4.144	0.3084
TBtu Consumed	176.3	87.81	116.5	55.26	56.07
Rate - [lb/MMBtu]	0.9910E-01	0.6000E-01	0.3272E-01	0.1100E-01	0.1100E-01
TWh Generated	17.05	8.107	14.77	8.509	8.634
TWh Generated Qualifying	-0.1705E+05	-8107.	-0.1477E+05	-8509.	-8634.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000



Constraint Name: Wisconsin WEPCO - SO2 Rate Annual  
Constraint Type: Rate Limit [lb/MMBtu]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 499

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [lb/MMBtu]	0.7000	0.4500	0.4500	0.4500	0.4500
-Emissions at Affected Plants [MTons]	25.63	2.634	1.332	0.000	0.000
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	17.12	27.41	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	-17.12	-27.41	0.000
Total [MTons]	25.63	19.76	11.62	-27.41	0.000
TBtu Consumed	176.3	87.81	116.5	55.26	56.07
Rate - [lb/MMBtu]	0.2908	0.6000E-01	0.2287E-01	0.000	0.000
TWh Generated	17.05	8.107	14.77	8.509	8.634
TWh Generated Qualifying	-0.1705E+05	-8107.	-0.1477E+05	-8509.	-8634.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: AZNM 20% Max Wind Generation

Constraint #: 500

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.2940E+05	0.3321E+05	0.3753E+05	0.4230E+05	0.4997E+05
-Generation at Eligible Plants [GWh]	397.7	397.7	1340.	1340.	1340.
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	397.7	397.7	1340.	1340.	1340.
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.3977	0.3977	1.340	1.340	1.340
TWh Generated Qualifying	-397.7	-397.7	-1340.	-1340.	-1340.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: CA-N 20% Max Wind Generation  
Constraint Type: Required Generation [GWh]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 501

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.2661E+05	0.2901E+05	0.3193E+05	0.3506E+05	0.3993E+05
-Generation at Eligible Plants [GWh]	0.1321E+05	0.1321E+05	0.1850E+05	0.1920E+05	0.1920E+05
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	0.1321E+05	0.1321E+05	0.1850E+05	0.1920E+05	0.1920E+05
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	13.21	13.21	18.50	19.20	19.20
TWh Generated Qualifying	-0.1321E+05	-0.1321E+05	-0.1850E+05	-0.1920E+05	-0.1920E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: CA-S 20% Max Wind Generation  
Constraint Type: Required Generation [GWh]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 502

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.3692E+05	0.4024E+05	0.4430E+05	0.4865E+05	0.5540E+05
-Generation at Eligible Plants [GWh]	2217.	2217.	2217.	2217.	2217.
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	2217.	2217.	2217.	2217.	2217.
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	2.217	2.217	2.217	2.217	2.217
TWh Generated Qualifying	-2217.	-2217.	-2217.	-2217.	-2217.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: COMD 20% Max Wind Generation

Constraint #: 503

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.2303E+05	0.2437E+05	0.2555E+05	0.2673E+05	0.2845E+05
-Generation at Eligible Plants [GWh]	73.63	73.63	73.63	73.63	73.63
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	73.63	73.63	73.63	73.63	73.63
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.7363E-01	0.7363E-01	0.7363E-01	0.7363E-01	0.7363E-01
TWh Generated Qualifying	-73.63	-73.63	-73.63	-73.63	-73.63
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: DSNY 20% Max Wind Generation

Constraint #: 504

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	6662.	6891.	7238.	7584.	8089.
-Generation at Eligible Plants [GWh]	107.5	107.5	595.1	595.1	595.1
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	107.5	107.5	595.1	595.1	595.1
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1075	0.1075	0.5951	0.5951	0.5951
TWh Generated Qualifying	-107.5	-107.5	-595.1	-595.1	-595.1
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: ECAK 20% Max Wind Generation

Constraint #: 505

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.1162E+05	0.1241E+05	0.1326E+05	0.1413E+05	0.1543E+05
-Generation at Eligible Plants [GWh]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: ECAM 20% Max Wind Generation

Constraint #: 506

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.4486E+05	0.4791E+05	0.5118E+05	0.5454E+05	0.5956E+05
-Generation at Eligible Plants [GWh]	135.8	135.8	135.8	135.8	135.8
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	135.8	135.8	135.8	135.8	135.8
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1358	0.1358	0.1358	0.1358	0.1358
TWh Generated Qualifying	-135.8	-135.8	-135.8	-135.8	-135.8
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000



Constraint Name: ECAP 20% Max Wind Generation

Constraint #: 507

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.4060E+05	0.4335E+05	0.4632E+05	0.4935E+05	0.5389E+05
-Generation at Eligible Plants [GWh]	153.1	153.1	153.1	153.1	153.1
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	153.1	153.1	153.1	153.1	153.1
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1531	0.1531	0.1531	0.1531	0.1531
TWh Generated Qualifying	-153.1	-153.1	-153.1	-153.1	-153.1
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: ENTG 20% Max Wind Generation

Constraint #: 508

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.3082E+05	0.3331E+05	0.3540E+05	0.3752E+05	0.4068E+05
-Generation at Eligible Plants [GWh]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: ERCT 20% Max Wind Generation

Constraint #: 509

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.6476E+05	0.7058E+05	0.7643E+05	0.8256E+05	0.9188E+05
-Generation at Eligible Plants [GWh]	0.1407E+05	0.2301E+05	0.2742E+05	0.2742E+05	0.2742E+05
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	0.1407E+05	0.2301E+05	0.2742E+05	0.2742E+05	0.2742E+05
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	14.07	23.01	27.42	27.42	27.42
TWh Generated Qualifying	-0.1407E+05	-0.2301E+05	-0.2742E+05	-0.2742E+05	-0.2742E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: MACE 20% Max Wind Generation  
Constraint Type: Required Generation [GWh]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 510

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.3100E+05	0.3292E+05	0.3476E+05	0.3661E+05	0.3933E+05
-Generation at Eligible Plants [GWh]	114.7	137.3	380.9	403.4	403.4
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	114.7	137.3	380.9	403.4	403.4
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1147	0.1373	0.3809	0.4034	0.4034
TWh Generated Qualifying	-114.7	-137.3	-380.9	-403.4	-403.4
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: MACS 20% Max Wind Generation	Constraint #: 511
Constraint Type: Required Generation [GWh]	
Run Year, Seasons Included: 2010 WINTER SUMMER	
Run Year, Seasons Included: 2015 WINTER SUMMER	
Run Year, Seasons Included: 2020 WINTER SUMMER	
Run Year, Seasons Included: 2025 WINTER SUMMER	
Run Year, Seasons Included: 2032 WINTER SUMMER	

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.1565E+05	0.1663E+05	0.1755E+05	0.1849E+05	0.1986E+05
-Generation at Eligible Plants [GWh]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: MACW 20% Max Wind Generation  
Constraint Type: Required Generation [GWh]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 512

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.1428E+05	0.1517E+05	0.1602E+05	0.1687E+05	0.1812E+05
-Generation at Eligible Plants [GWh]	398.6	398.6	398.6	398.6	398.6
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	398.6	398.6	398.6	398.6	398.6
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.3986	0.3986	0.3986	0.3986	0.3986
TWh Generated Qualifying	-398.6	-398.6	-398.6	-398.6	-398.6
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: MANO 20% Max Wind Generation

Constraint #: 513

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.1985E+05	0.2100E+05	0.2203E+05	0.2304E+05	0.2452E+05
-Generation at Eligible Plants [GWh]	236.4	236.4	236.4	236.4	236.4
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	236.4	236.4	236.4	236.4	236.4
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.2364	0.2364	0.2364	0.2364	0.2364
TWh Generated Qualifying	-236.4	-236.4	-236.4	-236.4	-236.4
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: MECS 20% Max Wind Generation

Constraint #: 514

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.2576E+05	0.2751E+05	0.2962E+05	0.3168E+05	0.3456E+05
-Generation at Eligible Plants [GWh]	2.406	737.8	2095.	2274.	2274.
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	2.406	737.8	2095.	2274.	2274.
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.2406E-02	0.7378	2.095	2.274	2.274
TWh Generated Qualifying	-2.406	-737.8	-2095.	-2274.	-2274.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000



Constraint Name: MRO 20% Max Wind Generation

Constraint #: 515

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.3580E+05	0.3878E+05	0.4222E+05	0.4586E+05	0.5144E+05
-Generation at Eligible Plants [GWh]	5151.	5151.	9820.	9820.	9820.
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	5151.	5151.	9820.	9820.	9820.
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	5.151	5.151	9.820	9.820	9.820
TWh Generated Qualifying	-5151.	-5151.	-9820.	-9820.	-9820.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NENG 20% Max Wind Generation

Constraint #: 516

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.2785E+05	0.2919E+05	0.3022E+05	0.3121E+05	0.3261E+05
-Generation at Eligible Plants [GWh]	2333.	4088.	5066.	5066.	5066.
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	2333.	4088.	5066.	5066.	5066.
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	2.333	4.088	5.066	5.066	5.066
TWh Generated Qualifying	-2333.	-4088.	-5066.	-5066.	-5066.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NWPE 20% Max Wind Generation

Constraint #: 517

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.1695E+05	0.1836E+05	0.1983E+05	0.2136E+05	0.2369E+05
-Generation at Eligible Plants [GWh]	1072.	5555.	0.1983E+05	0.2136E+05	0.2136E+05
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	1072.	5555.	0.1983E+05	0.2136E+05	0.2136E+05
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.072	5.555	19.83	21.36	21.36
TWh Generated Qualifying	-1072.	-5555.	-0.1983E+05	-0.2136E+05	-0.2136E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	2.408	0.7897	0.000

Constraint Name: PNW 20% Max Wind Generation

Constraint #: 518

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.3375E+05	0.3622E+05	0.3994E+05	0.4292E+05	0.4745E+05
-Generation at Eligible Plants [GWh]	2242.	5713.	0.1776E+05	0.4292E+05	0.4292E+05
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	2242.	5713.	0.1776E+05	0.4292E+05	0.4292E+05
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	2.242	5.713	17.76	42.92	42.92
TWh Generated Qualifying	-2242.	-5713.	-0.1776E+05	-0.4292E+05	-0.4292E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.5793	0.000

Constraint Name: RMPA 20% Max Wind Generation

Constraint #: 519

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.1262E+05	0.1386E+05	0.1489E+05	0.1596E+05	0.1757E+05
-Generation at Eligible Plants [GWh]	787.1	787.1	787.1	787.1	787.1
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	787.1	787.1	787.1	787.1	787.1
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.7871	0.7871	0.7871	0.7871	0.7871
TWh Generated Qualifying	-787.1	-787.1	-787.1	-787.1	-787.1
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: SNV 20% Max Wind Generation

Constraint #: 520

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	5078.	5736.	6482.	7307.	8632.
-Generation at Eligible Plants [GWh]	1262.	1674.	1674.	1674.	1674.
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	1262.	1674.	1674.	1674.	1674.
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.262	1.674	1.674	1.674	1.674
TWh Generated Qualifying	-1262.	-1674.	-1674.	-1674.	-1674.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: SOU 20% Max Wind Generation

Constraint #: 521

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.5662E+05	0.6258E+05	0.7058E+05	0.7941E+05	0.9357E+05
-Generation at Eligible Plants [GWh]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: SPPN 20% Max Wind Generation

Constraint #: 522

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.1442E+05	0.1538E+05	0.1638E+05	0.1741E+05	0.1894E+05
-Generation at Eligible Plants [GWh]	925.1	925.1	0.1032E+05	0.1032E+05	0.1032E+05
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	925.1	925.1	0.1032E+05	0.1032E+05	0.1032E+05
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.9251	0.9251	10.32	10.32	10.32
TWh Generated Qualifying	-925.1	-925.1	-0.1032E+05	-0.1032E+05	-0.1032E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000



Constraint Name: SPPS 20% Max Wind Generation

Constraint #: 523

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.2718E+05	0.2899E+05	0.3089E+05	0.3282E+05	0.3570E+05
-Generation at Eligible Plants [GWh]	2730.	2737.	2737.	2737.	2737.
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	2730.	2737.	2737.	2737.	2737.
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	2.730	2.737	2.737	2.737	2.737
TWh Generated Qualifying	-2730.	-2737.	-2737.	-2737.	-2737.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: TVA 20% Max Wind Generation

Constraint #: 524

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.3768E+05	0.3921E+05	0.4162E+05	0.4407E+05	0.4770E+05
-Generation at Eligible Plants [GWh]	740.4	740.4	740.4	740.4	740.4
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	740.4	740.4	740.4	740.4	740.4
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.7404	0.7404	0.7404	0.7404	0.7404
TWh Generated Qualifying	-740.4	-740.4	-740.4	-740.4	-740.4
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: UPNY 20% Max Wind Generation

Constraint #: 525

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.1229E+05	0.1271E+05	0.1335E+05	0.1399E+05	0.1492E+05
-Generation at Eligible Plants [GWh]	861.2	861.2	861.2	861.2	861.2
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	861.2	861.2	861.2	861.2	861.2
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.8612	0.8612	0.8612	0.8612	0.8612
TWh Generated Qualifying	-861.2	-861.2	-861.2	-861.2	-861.2
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: VACA 20% Max Wind Generation

Constraint #: 526

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.4447E+05	0.4811E+05	0.5149E+05	0.5496E+05	0.6018E+05
-Generation at Eligible Plants [GWh]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	0.000	0.000	0.000	0.000	0.000
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.000	0.000	0.000	0.000	0.000
TWh Generated Qualifying	0.000	0.000	0.000	0.000	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: VAPW 20% Max Wind Generation

Constraint #: 527

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.2104E+05	0.2276E+05	0.2436E+05	0.2600E+05	0.2847E+05
-Generation at Eligible Plants [GWh]	285.8	1467.	2039.	2039.	2039.
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	285.8	1467.	2039.	2039.	2039.
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.2858	1.467	2.039	2.039	2.039
TWh Generated Qualifying	-285.8	-1467.	-2039.	-2039.	-2039.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: WUMS 20% Max Wind Generation

Constraint #: 528

Constraint Type: Required Generation [GWh]

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.1523E+05	0.1612E+05	0.1690E+05	0.1768E+05	0.1882E+05
-Generation at Eligible Plants [GWh]	814.3	905.7	5803.	5803.	5803.
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	814.3	905.7	5803.	5803.	5803.
TBtu Consumed	0.000	0.000	0.000	0.000	0.000
Heat Rate - [MMBtu/MWh]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.8143	0.9057	5.803	5.803	5.803
TWh Generated Qualifying	-814.2	-905.6	-5803.	-5803.	-5803.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000

Constraint Name: 10% Renewable Portfolio Standard  
Constraint Type: Required Generation [GWh]  
Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 WINTER SUMMER  
Run Year, Seasons Included: 2032 WINTER SUMMER

Constraint #: 529

Time Base: Seasonal/Annual	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Standard - [GWh]	0.000	0.000	0.000	0.000	0.000
-Generation at Eligible Plants [GWh]	0.9158E+05	0.2044E+06	0.3953E+06	0.6009E+06	0.000
-Plus Allowances Purchased [GWh] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Sold [MTons] GWh	0.000	0.000	0.000	0.000	0.000
-Less Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [GWh]	0.9158E+05	0.2044E+06	0.3953E+06	0.6009E+06	0.000
TBtu Consumed	703.1	1853.	3374.	5220.	0.000
Heat Rate - [MMBtu/MWh]	7.678	9.064	8.537	8.686	0.000
TWh Generated	91.58	204.4	395.3	600.9	0.000
TWh Generated Qualifying	-0.2349E+07	-0.2116E+07	-0.2054E+07	-0.1751E+07	0.000
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/MWh]	0.000	0.000	0.000	0.000	0.000