

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]	916833.	959625.	1033268.	1116839.	1244676.
Plus Firm Purchases [MW]	0.	0.	0.	0.	0.
Plus Transmission In WINTER [MW]	15810.	12261.	8915.	9047.	8821.
Total R.M. Capacity WINTER [MW]	932643.	971886.	1042183.	1125886.	1253497.
2. Peak Load WINTER [MW]	684704.	735624.	794459.	858830.	956422.
Less DSM [MW]	0.	0.	0.	0.	0.
Plus Firm Sales [MW]	0.	0.	0.	0.	0.
Plus Transmission Out WINTER [MW]	16132.	12511.	9096.	9232.	9001.
Net Demand WINTER [MW]	700836.	748135.	803555.	868062.	965423.
3. Reserve Margin WINTER [%]	34.	30.	30.	30.	30.
1. Reserve Margin Capacity SUMMER [MW]	916833.	959625.	1033268.	1116839.	1244676.
Plus Firm Purchases [MW]	0.	0.	0.	0.	0.
Plus Transmission In SUMMER [MW]	47496.	58713.	63526.	57866.	53211.
Total R.M. Capacity SUMMER [MW]	964329.	1018338.	1096795.	1174705.	1297887.
2. Peak Load SUMMER [MW]	777559.	834020.	900016.	973075.	1084763.
Less DSM [MW]	0.	0.	0.	0.	0.
Plus Firm Sales [MW]	0.	0.	0.	0.	0.
Plus Transmission Out SUMMER [MW]	48466.	59911.	64823.	59047.	54297.
Net Demand SUMMER [MW]	826024.	893932.	964838.	1032122.	1139060.
3. Reserve Margin SUMMER [%]	18.	15.	15.	15.	15.
4. Generation [GWh]	4293021.	4618940.	4981613.	5360460.	5935454.
Inter-Region Transmission [GWh]	-14342.	-13964.	-13541.	-13926.	-14246.
Pumping & Storage Losses [GWh]	25764.	22541.	22721.	26128.	28445.
Plus Purchases [GWh]	0.	0.	0.	0.	0.
Less Sales [GWh]	0.	0.	0.	0.	0.
5. Total Supply for Demand [GWh]	4252914.	4582436.	4945351.	5320406.	5892763.
6. Projected Demand [GWh]	4252932.	4582436.	4945351.	5320406.	5892763.
Energy Not Served [GWh]	18.	0.	0.	0.	0.
Less DSM [GWh]	0.	0.	0.	0.	0.
Net Demand [GWh]	4252914.	4582436.	4945351.	5320406.	5892763.
7. Dumped Energy [GWh]	0.	0.	0.	0.	0.
8. Total Supply for Demand [GWh]	4252914.	4582436.	4945351.	5320406.	5892763.
Less T&D Losses [GWh]	327623.	353008.	380965.	409857.	453949.
9. Total Sales [GWh]	3925291.	4229428.	4564386.	4910549.	5438814.
Capacity Avoided Costs [US\$/kW]	2010	2015	2020	2025	2032
WINTER	0.00	0.00	0.00	0.00	0.00
SUMMER	3.01	32.94	34.19	25.46	30.50

10. Capacity by Plant Type [MW]	2010	2015	2020	2025	2032
New Scrubbed-Dry Coal_SCR_ACI	01	0.	0.	4934.	13076.
New Scrubbed-Wet Coal_SCR	02	0.	15287.	52527.	87283.
New Comb.Cycle	03	0.	16677.	64112.	82733.
New Comb.Cycle w/Seq	04	0.	0.	0.	0.
New Combustion Turbine	05	1327.	1327.	12900.	43032.
New Nuclear	06	0.	4000.	6000.	64000.
New Biomass	07	0.	0.	71.	97.
New Fuel Cell	08	0.	0.	0.	0.
New Geothermal	09	0.	0.	303.	453.
New IGCC	10	0.	4800.	18120.	50179.
New IGCC w/Seq	11	0.	0.	0.	0.
New Landfill Gas	12	537.	735.	1152.	1213.
New Solar	13	0.	0.	0.	0.
New Wind	14	6.	81.	176.	8263.
Scrubbed-Wet Coal_SCR	15	75375.	74765.	70637.	70637.
Scrubbed-Wet Coal_SNCR	16	3219.	2262.	1826.	1070.
Scrubbed-Wet Coal	17	44889.	35923.	22003.	15661.
Scrubbed-Dry Coal_SCR	18	3761.	3618.	916.	916.
Scrubbed-Dry Coal_SNCR	19	253.	253.	253.	253.
Scrubbed-Dry Coal	20	10238.	10142.	7588.	4874.
Unscrubbed Coal_SCR	21	14261.	10112.	1364.	644.
Unscrubbed Coal_SNCR	22	4607.	4307.	3779.	1985.
Unscrubbed Coal	23	100488.	77937.	44885.	26637.
FB-Unscrubbed Coal	24	3132.	2827.	2453.	1840.
FB-Unscrubbed Coal_SNCR	25	2321.	2321.	2321.	2295.
FB-Scrubbed-Dry Coal	26	50.	50.	50.	50.
Oil/Gas Steam	27	40730.	40333.	40333.	34197.
Oil/Gas Steam_SCR	28	9049.	9049.	9049.	6017.
Oil/Gas Steam_SNCR	29	721.	721.	721.	721.
Nuclear	30	100942.	101816.	102756.	102756.
Hydro	31	78225.	78266.	78266.	78266.
Comb.Cycle	32	147255.	147255.	147255.	147255.
IGCC	33	1115.	1115.	1115.	1115.
Combustion Turbine	34	132076.	132076.	132076.	132076.
Biomass	35	1520.	1520.	1520.	1520.
Geothermal	36	2296.	2371.	2371.	2371.
Landfill Gas	37	1061.	1086.	1086.	1086.
Wind	38	16191.	17051.	17051.	17051.
Fuel Cell	39	2.	2.	2.	2.
Solar	40	531.	614.	713.	824.
Non Fossil_Other	41	2016.	2016.	2016.	2016.
Fossil_Other	42	161.	161.	161.	161.
Pump Storage	43	20494.	20494.	20494.	20494.
Int. Imports	44	5550.	5550.	5550.	5550.
Cgn_CT	45	5285.	5285.	5285.	5285.
Cgn_CC	46	38173.	38173.	38173.	38173.
Cgn_Oil/Gas Steam	47	867.	867.	867.	741.
Cgn_Biomass	48	795.	795.	795.	795.
Cgn_Fossil_Other	49	342.	342.	342.	342.
Cgn_NonFossil_Other	50	725.	725.	725.	725.
Rep.Coal-CC	51	213.	214.	214.	214.
Rep.Coal-CC w/Seq	52	0.	0.	0.	0.
Rep.O/G-CC	53	17963.	19058.	19058.	19058.
Rep.O/G-CC w/Seq	54	0.	0.	0.	0.
Rep.Coal-IGCC	55	0.	76.	76.	76.
Rep.Coal-IGCC w/Seq	56	0.	0.	0.	0.
Ret.DryScrubber	57	1365.	9290.	8802.	4153.
Ret.WetScrubber	58	6064.	8143.	3966.	6753.
Ret.ExistSCR & DryScrub	59	356.	356.	356.	260.
Ret.ExistSCR & WetScrub	60	12555.	16636.	19823.	20188.
Ret.ExistSNCR & DryScrub	61	0.	0.	0.	0.
Ret.ExistSNCR & WetScrub	62	1691.	1104.	1104.	1104.
Ret.SCR	63	7550.	14325.	8609.	1078.
Ret.ExistDryScrub & SCR	64	0.	0.	0.	0.
Ret.ExistWetScrub & SCR	65	10698.	18500.	19541.	19086.
Ret.SNCR	66	947.	880.	1523.	1523.
Ret.ExistDryScrub & SNCR	67	0.	0.	0.	0.
Ret.ExistWetScrub & SNCR	68	178.	178.	268.	268.
Ret.FB-SNCR	69	0.	0.	124.	124.
Ret.SCR+DryScrub	70	261.	2289.	2334.	2805.
Ret.SCR+WetScrub	71	5017.	8528.	19659.	23802.
Ret.SNCR+DryScrub	72	0.	0.	0.	0.
Ret.SNCR+WetScrub	73	0.	307.	307.	307.
Ret.ACI	74	1424.	2215.	29620.	41864.
Ret.ExistDryScrub&ACI	75	1535.	1631.	4185.	6899.
Ret.ExistWetScrub&ACI	76	251.	2316.	14893.	21234.
Ret.ExistSCR&ACI	77	257.	257.	5765.	6115.
Ret.ExistSNCR&ACI	78	386.	386.	914.	2322.
Ret.ACI & SCR	79	149.	149.	1711.	4560.
Ret.ExistDryScrub&ACI&SCR	80	524.	524.	524.	524.
Ret.ExistWetScrub&ACI&SCR	81	0.	0.	650.	1105.
Ret.ACI & SNCR	82	0.	0.	0.	370.
Ret.ExistDryScrub&ACI&SNCR	83	0.	0.	0.	0.

Ret.ExistWetScrub&ACI&SNCR	84	0.	0.	0.	0.	0.
Ret.ACI & DryScrub	85	396.	525.	1589.	9021.	11527.
Ret.ACI & WetScrub	86	0.	0.	1525.	1525.	1525.
Ret.ExistSCR&ACI&DryScrub	87	0.	0.	0.	96.	96.
Ret.ExistSCR&ACI&WetScrub	88	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&DryScrub	89	0.	0.	0.	324.	324.
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	22.	22.	22.	22.	22.
Ret.ExistSCR&ExistDScrub&ACI	93	1540.	1683.	4385.	4385.	4385.
Ret.ExistSCR&ExistWScrub&ACI	94	1700.	2310.	6438.	6438.	6438.
Ret.SCR & DryScrub & ACI	95	694.	694.	694.	694.	1258.
Ret.SCR & WetScrub & ACI	96	46.	46.	46.	46.	46.
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	527.	527.	527.	527.	527.
Ret.O/G SNCR	100	0.	0.	0.	0.	0.
CT Early Retirement	101	0.	0.	0.	0.	0.
CC Early Retirement	102	2130.	2130.	2130.	2130.	2130.
O/G Early Retirement	103	61075.	61075.	61075.	70368.	70368.
Coal Early Retirement	104	1883.	1820.	1983.	3046.	4746.
Nuke Early Retirement	105	0.	0.	0.	0.	0.
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Total		1009983.	1053301.	1127207.	1222212.	1355080.

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

	2010	2015	2020	2025	2032
New Scrubbed-Dry Coal_SCR_ACI	01	0.	0.	4934.	8142.
New Scrubbed-Wet Coal_SCR	02	0.	15287.	16286.	34756.
New Comb.Cycle	03	0.	16677.	16648.	18621.
New Comb.Cycle w/Seq	04	0.	0.	0.	0.
New Combustion Turbine	05	1327.	0.	5819.	30132.
New Nuclear	06	0.	4000.	2000.	20000.
New Biomass	07	0.	0.	71.	26.
New Fuel Cell	08	0.	0.	0.	0.
New Geothermal	09	0.	0.	303.	150.
New IGCC	10	0.	4800.	13320.	21449.
New IGCC w/Seq	11	0.	0.	0.	0.
New Landfill Gas	12	537.	198.	395.	61.
New Solar	13	0.	0.	0.	0.
New Wind	14	6.	75.	2110.	5977.
Scrubbed-Wet Coal_SCR	15	0.	0.	0.	0.
Scrubbed-Wet Coal_SNCR	16	0.	0.	0.	0.
Scrubbed-Wet Coal	17	0.	0.	0.	0.
Scrubbed-Dry Coal_SCR	18	0.	0.	0.	0.
Scrubbed-Dry Coal_SNCR	19	0.	0.	0.	0.
Scrubbed-Dry Coal	20	0.	0.	0.	0.
Unscrubbed Coal_SCR	21	0.	0.	0.	0.
Unscrubbed Coal_SNCR	22	0.	0.	0.	0.
Unscrubbed Coal	23	0.	0.	0.	0.
FB-Unscrubbed Coal	24	0.	0.	0.	0.
FB-Unscrubbed Coal_SNCR	25	0.	0.	0.	0.
FB-Scrubbed-Dry Coal	26	0.	0.	0.	0.
Oil/Gas Steam	27	0.	0.	0.	0.
Oil/Gas Steam_SCR	28	0.	0.	0.	0.
Oil/Gas Steam_SNCR	29	0.	0.	0.	0.
Nuclear	30	0.	0.	0.	0.
Hydro	31	0.	0.	0.	0.
Comb.Cycle	32	0.	0.	0.	0.
IGCC	33	0.	0.	0.	0.
Combustion Turbine	34	0.	0.	0.	0.
Biomass	35	0.	0.	0.	0.
Geothermal	36	0.	0.	0.	0.
Landfill Gas	37	0.	0.	0.	0.
Wind	38	0.	0.	0.	0.
Fuel Cell	39	0.	0.	0.	0.
Solar	40	0.	0.	0.	0.
Non Fossil_Other	41	0.	0.	0.	0.
Fossil_Other	42	0.	0.	0.	0.
Pump Storage	43	0.	0.	0.	0.
Int. Imports	44	0.	0.	0.	0.
Cgn_CT	45	0.	0.	0.	0.
Cgn_CC	46	0.	0.	0.	0.
Cgn_Oil/Gas Steam	47	0.	0.	0.	0.
Cgn_Biomass	48	0.	0.	0.	0.
Cgn_Fossil_Other	49	0.	0.	0.	0.
Cgn_NonFossil_Other	50	0.	0.	0.	0.
Rep.Coal-CC	51	213.	1.	0.	0.
Rep.Coal-CC w/Seq	52	0.	0.	0.	0.
Rep.O/G-CC	53	17963.	1094.	0.	0.
Rep.O/G-CC w/Seq	54	0.	0.	0.	0.
Rep.Coal-IGCC	55	0.	76.	0.	0.
Rep.Coal-IGCC w/Seq	56	0.	0.	0.	0.
Ret.DryScrubber	57	1760.	8573.	575.	2782.
Ret.WetScrubber	58	6801.	2212.	4.	2787.
Ret.ExistSCR & DryScrub	59	356.	0.	0.	0.
Ret.ExistSCR & WetScrub	60	12555.	4080.	3187.	365.
Ret.ExistSNCR & DryScrub	61	0.	0.	0.	324.
Ret.ExistSNCR & WetScrub	62	2306.	0.	0.	0.
Ret.SCR	63	7699.	8450.	1690.	4.
Ret.ExistDryScrub & SCR	64	524.	0.	0.	0.
Ret.ExistWetScrub & SCR	65	10698.	7802.	1690.	0.
Ret.SNCR	66	947.	245.	643.	0.
Ret.ExistDryScrub & SNCR	67	0.	0.	0.	0.
Ret.ExistWetScrub & SNCR	68	178.	0.	90.	0.
Ret.FB-SNCR	69	0.	0.	124.	0.
Ret.SCR+DryScrub	70	955.	2028.	45.	471.
Ret.SCR+WetScrub	71	5062.	3511.	11132.	4142.
Ret.SNCR+DryScrub	72	0.	0.	0.	0.
Ret.SNCR+WetScrub	73	0.	307.	0.	0.
Ret.ACI	74	1424.	791.	27405.	12244.
Ret.ExistDryScrub&ACI	75	1535.	96.	2554.	2714.
Ret.ExistWetScrub&ACI	76	251.	2065.	12577.	6342.
Ret.ExistSCR&ACI	77	257.	0.	5507.	350.
Ret.ExistSNCR&ACI	78	386.	0.	528.	1408.
Ret.ACI & SCR	79	149.	0.	1561.	2849.
Ret.ExistDryScrub&ACI&SCR	80	524.	0.	0.	0.
Ret.ExistWetScrub&ACI&SCR	81	0.	0.	650.	455.
Ret.ACI & SNCR	82	0.	0.	0.	370.

Ret.ExistDryScrub&ACI&SNCR	83	0.	0.	0.	0.	0.
Ret.ExistWetScrub&ACI&SNCR	84	0.	0.	0.	0.	0.
Ret.ACI & DryScrub	85	396.	130.	1063.	7432.	2507.
Ret.ACI & WetScrub	86	0.	0.	1525.	0.	0.
Ret.ExistSCR&ACI&DryScrub	87	0.	0.	0.	96.	0.
Ret.ExistSCR&ACI&WetScrub	88	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&DryScrub	89	0.	0.	0.	324.	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	22.	0.	0.	0.	0.
Ret.ExistSCR&ExistDScrub&ACI	93	1540.	143.	2702.	0.	0.
Ret.ExistSCR&ExistWScrub&ACI	94	1700.	610.	4128.	0.	0.
Ret.SCR & DryScrub & ACI	95	694.	0.	0.	0.	564.
Ret.SCR & WetScrub & ACI	96	46.	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	527.	0.	0.	0.	0.
Ret.O/G SNCR	100	0.	0.	0.	0.	0.
CT Early Retirement	101	0.	0.	0.	0.	0.
CC Early Retirement	102	2130.	0.	0.	0.	0.
O/G Early Retirement	103	61075.	0.	0.	9293.	0.
Coal Early Retirement	104	1883.	107.	163.	1063.	1700.
Nuke Early Retirement	105	0.	0.	0.	0.	0.
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Total		144428.	83358.	152612.	150485.	159896.

12. Generation by Plant Type [GWh]	2010	2015	2020	2025	2032
New Scrubbed-Dry Coal_SCR_ACI	01	0.	0.	36737.	97358.
New Scrubbed-Wet Coal_SCR	02	0.	113818.	269823.	649843.
New Comb.Cycle	03	0.	127123.	361595.	560408.
New Comb.Cycle w/Seq	04	0.	0.	0.	0.
New Combustion Turbine	05	707.	879.	10464.	27956.
New Nuclear	06	0.	31524.	47286.	346767.
New Biomass	07	0.	0.	514.	706.
New Fuel Cell	08	0.	0.	0.	0.
New Geothermal	09	0.	0.	2310.	3454.
New IGCC	10	0.	35738.	134913.	213909.
New IGCC w/Seq	11	0.	0.	0.	0.
New Landfill Gas	12	4234.	5795.	5968.	9079.
New Solar	13	0.	0.	0.	0.
New Wind	14	23.	308.	656.	8709.
Scrubbed-Wet Coal_SCR	15	551280.	548571.	517815.	514526.
Scrubbed-Wet Coal_SNCR	16	23358.	16501.	13291.	12832.
Scrubbed-Wet Coal	17	329673.	264694.	161913.	113733.
Scrubbed-Dry Coal_SCR	18	27470.	26631.	6779.	6531.
Scrubbed-Dry Coal_SNCR	19	1833.	1833.	1766.	1732.
Scrubbed-Dry Coal	20	74231.	74486.	55680.	35215.
Unscrubbed Coal_SCR	21	99740.	73560.	9185.	4006.
Unscrubbed Coal_SNCR	22	31667.	30613.	25826.	12707.
Unscrubbed Coal	23	706454.	562696.	315314.	177544.
FB-Unscrubbed Coal	24	23453.	21132.	18288.	13503.
FB-Unscrubbed Coal_SNCR	25	16642.	17009.	17009.	16447.
FB-Scrubbed-Dry Coal	26	376.	376.	376.	376.
Oil/Gas Steam	27	28037.	18783.	12023.	5240.
Oil/Gas Steam_SCR	28	5306.	4256.	3606.	143.
Oil/Gas Steam_SNCR	29	0.	0.	0.	0.
Nuclear	30	796986.	805252.	812811.	812811.
Hydro	31	252772.	252912.	252912.	252912.
Comb.Cycle	32	548155.	534733.	428977.	253708.
IGCC	33	8302.	8302.	8302.	8302.
Combustion Turbine	34	11189.	15706.	14609.	12094.
Biomass	35	9558.	8521.	8450.	8596.
Geothermal	36	15885.	16437.	16437.	16437.
Landfill Gas	37	5222.	5339.	5339.	5339.
Wind	38	49848.	52794.	52794.	52794.
Fuel Cell	39	0.	0.	0.	0.
Solar	40	932.	1152.	1413.	1704.
Non Fossil_Other	41	11630.	11630.	11630.	11630.
Fossil_Other	42	579.	579.	579.	579.
Pump Storage	43	19759.	17339.	17505.	19917.
Int. Imports	44	24887.	25005.	21392.	22207.
Cgn_CT	45	420.	434.	373.	306.
Cgn_CC	46	76178.	67085.	46838.	29430.
Cgn_Oil/Gas Steam	47	830.	593.	193.	0.
Cgn_Biomass	48	5650.	5700.	5372.	5121.
Cgn_Fossil_Other	49	1229.	1229.	1229.	1229.
Cgn_NonFossil_Other	50	4089.	4089.	4089.	4089.
Rep.Coal-CC	51	1585.	1231.	1224.	983.
Rep.Coal-CC w/Seq	52	0.	0.	0.	0.
Rep.O/G-CC	53	113017.	117212.	112189.	83052.
Rep.O/G-CC w/Seq	54	0.	0.	0.	0.
Rep.Coal-IGCC	55	0.	563.	563.	568.
Rep.Coal-IGCC w/Seq	56	0.	0.	0.	0.
Ret.DryScrubber	57	9995.	68585.	63949.	30172.
Ret.WetScrubber	58	44368.	59652.	29719.	49972.
Ret.ExistSCR & DryScrub	59	2664.	2557.	2557.	1839.
Ret.ExistSCR & WetScrub	60	92718.	122767.	145915.	147814.
Ret.ExistSNCR & DryScrub	61	0.	0.	0.	0.
Ret.ExistSNCR & WetScrub	62	12339.	8264.	7809.	7809.
Ret.SCR	63	54251.	105019.	62634.	7157.
Ret.ExistDryScrub & SCR	64	0.	0.	0.	0.
Ret.ExistWetScrub & SCR	65	78770.	136640.	144454.	139270.
Ret.SNCR	66	5869.	5991.	9861.	9524.
Ret.ExistDryScrub & SNCR	67	0.	0.	0.	0.
Ret.ExistWetScrub & SNCR	68	1163.	1258.	1898.	1803.
Ret.FB-SNCR	69	0.	0.	928.	928.
Ret.SCR+DryScrub	70	1956.	16928.	17129.	20501.
Ret.SCR+WetScrub	71	36943.	62861.	144415.	174293.
Ret.SNCR+DryScrub	72	0.	0.	0.	0.
Ret.SNCR+WetScrub	73	0.	2232.	2169.	2169.
Ret.ACI	74	10503.	16364.	216300.	300584.
Ret.ExistDryScrub&ACI	75	11292.	12000.	30489.	50286.
Ret.ExistWetScrub&ACI	76	1847.	17029.	109669.	156133.
Ret.ExistSCR&ACI	77	1923.	1817.	42401.	44804.
Ret.ExistSNCR&ACI	78	2854.	2895.	6847.	16099.
Ret.ACI & SCR	79	1065.	1046.	12322.	32992.
Ret.ExistDryScrub&ACI&SCR	80	3855.	3855.	3855.	3855.
Ret.ExistWetScrub&ACI&SCR	81	0.	0.	4780.	8123.
Ret.ACI & SNCR	82	0.	0.	0.	1.
Ret.ExistDryScrub&ACI&SNCR	83	0.	0.	0.	0.

Ret.ExistWetScrub&ACI&SNCR	84	0.	0.	0.	0.	0.
Ret.ACI & DryScrub	85	2938.	3870.	11672.	65105.	80657.
Ret.ACI & WetScrub	86	0.	0.	11212.	11212.	11210.
Ret.ExistSCR&ACI&DryScrub	87	0.	0.	0.	702.	678.
Ret.ExistSCR&ACI&WetScrub	88	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&DryScrub	89	0.	0.	0.	2289.	2289.
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	163.	96.	66.	0.	0.
Ret.ExistSCR&ExistDScrub&ACI	93	11325.	12378.	32230.	32230.	32017.
Ret.ExistSCR&ExistWScrub&ACI	94	12776.	17262.	47620.	47620.	47620.
Ret.SCR & DryScrub & ACI	95	5184.	5165.	5165.	4904.	8902.
Ret.SCR & WetScrub & ACI	96	336.	336.	336.	336.	336.
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	2735.	1910.	1903.	1547.	427.
Ret.O/G SNCR	100	0.	0.	0.	0.	0.
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		4293021.	4618940.	4981613.	5360460.	5935454.

12a. Generation by Fuel Type [GWh]	2010	2015	2020	2025	2032
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Coal	2265836.	2445805.	2687880.	2893355.	3317220.
Nuclear	796986.	836776.	860098.	1159578.	1266215.
Hydro	272531.	270251.	270418.	272830.	274651.
NaturalGas	767580.	877692.	980674.	843644.	867624.
Non-Fossil	3624.	3624.	3624.	3624.	3624.
None	24887.	25005.	21392.	22207.	21453.
Biomass	15742.	16271.	16241.	16245.	15568.
Fwaste	1808.	1808.	1808.	1808.	1808.
Geothermal	15885.	16437.	16437.	18747.	19891.
LF Gas	9456.	11134.	11307.	14418.	14903.
Pet. Coke	18583.	18583.	18583.	18583.	18560.
Waste Coal	16625.	16951.	16879.	16318.	15684.
MSW	12096.	12096.	12096.	12096.	12096.
Oil	20579.	12253.	9315.	3799.	1592.
Wind	49871.	53102.	53450.	61503.	82574.
Solar	932.	1152.	1413.	1704.	1990.
Other	0.	0.	0.	0.	0.
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Total	4293021.	4618940.	4981613.	5360460.	5935454.



13. Generation by Plant Type [Tbtu]	2010	2015	2020	2025	2032
New Scrubbed-Dry Coal_SCR_ACI	01	0.	0.	125.	332.
New Scrubbed-Wet Coal_SCR	02	0.	388.	1334.	2217.
New Comb.Cycle	03	0.	434.	1537.	1912.
New Comb.Cycle w/Seq	04	0.	0.	0.	0.
New Combustion Turbine	05	2.	3.	36.	95.
New Nuclear	06	0.	108.	1183.	1721.
New Biomass	07	0.	0.	2.	2.
New Fuel Cell	08	0.	0.	0.	0.
New Geothermal	09	0.	0.	8.	12.
New IGCC	10	0.	122.	730.	1275.
New IGCC w/Seq	11	0.	0.	0.	0.
New Landfill Gas	12	14.	20.	31.	33.
New Solar	13	0.	0.	0.	0.
New Wind	14	0.	1.	2.	102.
Scrubbed-Wet Coal_SCR	15	1881.	1872.	1767.	1738.
Scrubbed-Wet Coal_SNCR	16	80.	56.	44.	25.
Scrubbed-Wet Coal	17	1125.	903.	552.	388.
Scrubbed-Dry Coal_SCR	18	94.	91.	23.	22.
Scrubbed-Dry Coal_SNCR	19	6.	6.	6.	6.
Scrubbed-Dry Coal	20	253.	254.	190.	120.
Unscrubbed Coal_SCR	21	340.	251.	31.	14.
Unscrubbed Coal_SNCR	22	108.	104.	88.	43.
Unscrubbed Coal	23	2410.	1920.	1076.	606.
FB-Unscrubbed Coal	24	80.	72.	62.	46.
FB-Unscrubbed Coal_SNCR	25	57.	58.	58.	56.
FB-Scrubbed-Dry Coal	26	1.	1.	1.	1.
Oil/Gas Steam	27	96.	64.	41.	18.
Oil/Gas Steam_SCR	28	18.	15.	12.	0.
Oil/Gas Steam_SNCR	29	0.	0.	0.	0.
Nuclear	30	2719.	2748.	2773.	2773.
Hydro	31	862.	863.	863.	863.
Comb.Cycle	32	1870.	1825.	1464.	866.
IGCC	33	28.	28.	28.	28.
Combustion Turbine	34	38.	54.	50.	41.
Biomass	35	33.	29.	29.	29.
Geothermal	36	54.	56.	56.	56.
Landfill Gas	37	18.	18.	18.	18.
Wind	38	170.	180.	180.	180.
Fuel Cell	39	0.	0.	0.	0.
Solar	40	3.	4.	5.	6.
Non Fossil_Other	41	40.	40.	40.	40.
Fossil_Other	42	2.	2.	2.	2.
Pump Storage	43	67.	59.	60.	68.
Int. Imports	44	85.	85.	73.	76.
Cgn_CT	45	1.	1.	1.	1.
Cgn_CC	46	260.	229.	160.	100.
Cgn_Oil/Gas Steam	47	3.	2.	1.	0.
Cgn_Biomass	48	19.	19.	18.	17.
Cgn_Fossil_Other	49	4.	4.	4.	4.
Cgn_NonFossil_Other	50	14.	14.	14.	14.
Rep.Coal-CC	51	5.	4.	4.	3.
Rep.Coal-CC w/Seq	52	0.	0.	0.	0.
Rep.O/G-CC	53	386.	400.	383.	283.
Rep.O/G-CC w/Seq	54	0.	0.	0.	0.
Rep.Coal-IGCC	55	0.	2.	2.	2.
Rep.Coal-IGCC w/Seq	56	0.	0.	0.	0.
Ret.DryScrubber	57	34.	234.	218.	103.
Ret.WetScrubber	58	151.	204.	101.	171.
Ret.ExistSCR & DryScrub	59	9.	9.	9.	6.
Ret.ExistSCR & WetScrub	60	316.	419.	498.	504.
Ret.ExistSNCR & DryScrub	61	0.	0.	0.	0.
Ret.ExistSNCR & WetScrub	62	42.	28.	27.	27.
Ret.SCR	63	185.	358.	214.	24.
Ret.ExistDryScrub & SCR	64	0.	0.	0.	0.
Ret.ExistWetScrub & SCR	65	269.	466.	493.	475.
Ret.SNCR	66	20.	20.	34.	32.
Ret.ExistDryScrub & SNCR	67	0.	0.	0.	0.
Ret.ExistWetScrub & SNCR	68	4.	4.	6.	6.
Ret.FB-SNCR	69	0.	0.	3.	3.
Ret.SCR+DryScrub	70	7.	58.	58.	70.
Ret.SCR+WetScrub	71	126.	214.	493.	595.
Ret.SNCR+DryScrub	72	0.	0.	0.	0.
Ret.SNCR+WetScrub	73	0.	8.	7.	7.
Ret.ACI	74	36.	56.	738.	1026.
Ret.ExistDryScrub&ACI	75	39.	41.	104.	172.
Ret.ExistWetScrub&ACI	76	6.	58.	374.	533.
Ret.ExistSCR&ACI	77	7.	6.	145.	153.
Ret.ExistSNCR&ACI	78	10.	10.	23.	55.
Ret.ACI & SCR	79	4.	4.	42.	113.
Ret.ExistDryScrub&ACI&SCR	80	13.	13.	13.	13.
Ret.ExistWetScrub&ACI&SCR	81	0.	0.	16.	28.
Ret.ACI & SNCR	82	0.	0.	0.	0.
Ret.ExistDryScrub&ACI&SNCR	83	0.	0.	0.	0.

Ret.ExistWetScrub&ACI&SNCR	84	0.	0.	0.	0.	0.
Ret.ACI & DryScrub	85	10.	13.	40.	222.	275.
Ret.ACI & WetScrub	86	0.	0.	38.	38.	38.
Ret.ExistSCR&ACI&DryScrub	87	0.	0.	0.	2.	2.
Ret.ExistSCR&ACI&WetScrub	88	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&DryScrub	89	0.	0.	0.	8.	8.
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	1.	0.	0.	0.	0.
Ret.ExistSCR&ExistDScrub&ACI	93	39.	42.	110.	110.	109.
Ret.ExistSCR&ExistWScrub&ACI	94	44.	59.	162.	162.	162.
Ret.SCR & DryScrub & ACI	95	18.	18.	18.	17.	30.
Ret.SCR & WetScrub & ACI	96	1.	1.	1.	1.	1.
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	9.	7.	6.	5.	1.
Ret.O/G SNCR	100	0.	0.	0.	0.	0.
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		14648.	15760.	16997.	18290.	20252.

14. Capacity Factor by Plant Type [%]		2010	2015	2020	2025	2032
New Scrubbed-Dry Coal_SCR_ACI	01	N/A	N/A	N/A	85.0	85.0
New Scrubbed-Wet Coal_SCR	02	N/A	85.0	85.0	85.0	85.0
New Comb.Cycle	03	N/A	87.0	87.0	80.2	77.3
New Comb.Cycle w/Seq	04	N/A	N/A	N/A	N/A	N/A
New Combustion Turbine	05	6.1	7.6	10.3	9.3	7.4
New Nuclear	06	N/A	90.0	90.0	90.0	90.0
New Biomass	07	N/A	N/A	83.0	83.0	83.0
New Fuel Cell	08	N/A	N/A	N/A	N/A	N/A
New Geothermal	09	N/A	N/A	N/A	87.0	87.0
New IGCC	10	N/A	85.0	85.0	85.0	85.0
New IGCC w/Seq	11	N/A	N/A	N/A	N/A	N/A
New Landfill Gas	12	90.0	90.0	90.0	90.0	90.0
New Solar	13	N/A	N/A	N/A	N/A	N/A
New Wind	14	43.6	43.6	42.6	43.5	41.1
Scrubbed-Wet Coal_SCR	15	83.5	83.8	83.7	83.2	82.3
Scrubbed-Wet Coal_SNCR	16	82.8	83.3	83.1	80.2	77.5
Scrubbed-Wet Coal	17	83.8	84.1	84.0	82.9	79.9
Scrubbed-Dry Coal_SCR	18	83.4	84.0	84.5	81.4	80.2
Scrubbed-Dry Coal_SNCR	19	82.7	82.7	79.7	78.2	73.3
Scrubbed-Dry Coal	20	82.8	83.8	83.8	82.5	81.4
Unscrubbed Coal_SCR	21	79.8	83.0	76.8	71.0	65.1
Unscrubbed Coal_SNCR	22	78.5	81.1	78.0	73.1	66.5
Unscrubbed Coal	23	80.3	82.4	80.2	76.1	71.1
FB-Unscrubbed Coal	24	85.5	85.3	85.1	83.8	80.8
FB-Unscrubbed Coal_SNCR	25	81.9	83.7	83.7	81.8	78.9
FB-Scrubbed-Dry Coal	26	85.8	85.8	85.8	85.8	85.8
Oil/Gas Steam	27	7.9	5.3	3.4	1.7	0.5
Oil/Gas Steam_SCR	28	6.7	5.4	4.5	0.3	0.2
Oil/Gas Steam_SNCR	29	0.0	0.0	0.0	0.0	0.0
Nuclear	30	90.1	90.3	90.3	90.3	90.3
Hydro	31	36.9	36.9	36.9	36.9	36.9
Comb.Cycle	32	42.5	41.5	33.3	19.7	13.5
IGCC	33	85.0	85.0	85.0	85.0	83.6
Combustion Turbine	34	1.0	1.4	1.3	1.0	0.7
Biomass	35	71.8	64.0	63.5	64.6	60.8
Geothermal	36	79.0	79.1	79.1	79.1	79.1
Landfill Gas	37	56.2	56.1	56.1	56.1	56.1
Wind	38	35.1	35.3	35.3	35.3	35.3
Fuel Cell	39	0.2	0.2	0.2	0.0	0.2
Solar	40	20.0	21.4	22.6	23.6	24.4
Non Fossil_Other	41	65.9	65.9	65.9	65.9	65.9
Fossil_Other	42	41.0	41.0	41.0	41.0	41.0
Pump Storage	43	11.0	9.7	9.8	11.1	12.1
Int. Imports	44	51.2	51.4	44.0	45.7	44.1
Cgn_CT	45	0.9	0.9	0.8	0.7	0.6
Cgn_CC	46	22.8	20.1	14.0	8.8	8.0
Cgn_Oil/Gas Steam	47	10.9	7.8	2.5	0.0	0.0
Cgn_Biomass	48	81.1	81.9	77.1	73.5	70.8
Cgn_Fossil_Other	49	41.0	41.0	41.0	41.0	41.0
Cgn_NonFossil_Other	50	64.4	64.4	64.4	64.4	64.4
Rep.Coal-CC	51	85.0	65.8	65.4	52.5	45.3
Rep.Coal-CC w/Seq	52	N/A	N/A	N/A	N/A	N/A
Rep.O/G-CC	53	71.8	70.2	67.2	49.7	41.1
Rep.O/G-CC w/Seq	54	N/A	N/A	N/A	N/A	N/A
Rep.Coal-IGCC	55	N/A	85.0	85.0	85.0	85.0
Rep.Coal-IGCC w/Seq	56	N/A	N/A	N/A	N/A	N/A
Ret.DryScrubber	57	83.6	84.3	82.9	82.9	80.7
Ret.WetScrubber	58	83.5	83.6	85.5	84.5	84.1
Ret.ExistSCR & DryScrub	59	85.4	82.0	82.0	80.7	69.0
Ret.ExistSCR & WetScrub	60	84.3	84.2	84.0	83.6	83.2
Ret.ExistSNCR & DryScrub	61	N/A	N/A	N/A	0.0	74.6
Ret.ExistSNCR & WetScrub	62	83.3	85.4	80.7	80.7	79.0
Ret.SCR	63	82.0	83.7	83.1	75.8	72.7
Ret.ExistDryScrub & SCR	64	0.0	0.0	0.0	0.0	0.0
Ret.ExistWetScrub & SCR	65	84.1	84.3	84.4	83.3	81.1
Ret.SNCR	66	70.8	77.8	73.9	71.4	60.1
Ret.ExistDryScrub & SNCR	67	N/A	N/A	N/A	N/A	N/A
Ret.ExistWetScrub & SNCR	68	74.6	80.7	80.8	76.8	74.7
Ret.FB-SNCR	69	N/A	N/A	85.4	85.4	81.0
Ret.SCR+DryScrub	70	85.4	84.4	83.8	83.4	83.8
Ret.SCR+WetScrub	71	84.1	84.1	83.9	83.6	82.3
Ret.SNCR+DryScrub	72	N/A	N/A	N/A	N/A	N/A
Ret.SNCR+WetScrub	73	N/A	83.1	80.7	80.7	80.7
Ret.ACI	74	84.2	84.3	83.4	82.0	78.5
Ret.ExistDryScrub&ACI	75	84.0	84.0	83.2	83.2	82.4
Ret.ExistWetScrub&ACI	76	84.0	83.9	84.1	83.9	83.4
Ret.ExistSCR&ACI	77	85.2	80.5	84.0	83.6	81.8
Ret.ExistSNCR&ACI	78	84.4	85.6	85.5	79.1	75.8
Ret.ACI & SCR	79	81.4	79.9	82.2	82.6	78.4
Ret.ExistDryScrub&ACI&SCR	80	84.0	84.0	84.0	84.0	82.2
Ret.ExistWetScrub&ACI&SCR	81	N/A	N/A	84.0	83.9	83.9
Ret.ACI & SNCR	82	N/A	N/A	N/A	80.7	79.8
Ret.ExistDryScrub&ACI&SNCR	83	N/A	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	84.8	84.1	83.9	82.4	79.9
Ret.ACI & WetScrub	86	N/A	N/A	83.9	83.9	83.9
Ret.ExistSCR&ACI&DryScrub	87	N/A	N/A	N/A	83.5	80.7
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	80.7	80.7
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	85.4	50.1	34.8	0.0	0.0
Ret.ExistSCR&ExistDScrub&ACI	93	84.0	83.9	83.9	83.9	83.3
Ret.ExistSCR&ExistWScrub&ACI	94	85.8	85.3	84.4	84.4	84.4
Ret.SCR & DryScrub & ACI	95	85.3	85.0	85.0	80.7	80.8
Ret.SCR & WetScrub & ACI	96	84.1	84.1	84.1	84.1	84.1
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	59.2	41.4	41.2	33.5	9.2
Ret.O/G SNCR	100	N/A	N/A	N/A	N/A	N/A
CT Early Retirement	101	N/A	N/A	N/A	N/A	N/A
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		48.5	50.1	50.5	50.1	50.0

15. Total Annual Production Cost [MMUS\$](*)	2010	2015	2020	2025	2032
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Variable O&M	9335.0	10228.6	11226.5	11659.9	13075.9
Fixed O&M	35118.2	36995.4	39857.7	43101.1	46835.5
Fuel	77322.7	78734.1	83253.2	82004.5	89190.0
Capital	2420.3	9739.0	20753.2	40629.8	62682.1
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Total	124196.2	135697.1	155090.7	177395.3	211783.5

16. Emissions	2010	2015	2020	2025	2032
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CO2 [MMTonnes]	2568.7932	2746.4439	2935.3840	3014.7827	3311.0209
Carbon [MMTonnes]	700.5800	749.0302	800.5593	822.2135	903.0057
MER [Tons]	36.7817	36.0285	24.2793	18.4982	17.7061
NOX [MTons]	2493.4006	2180.2447	2098.7524	2075.2233	2081.5920
SO2 [MTons]	5629.9006	4993.8860	4574.2037	4186.5808	3923.7261
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	23430.0	25019.0	26870.8	28398.0	31578.5
Nuclear	8104.8	8516.2	8756.5	11871.1	12995.1
NaturalGas	5607.0	6228.9	6584.9	5442.0	5442.0
Biomass	235.2	233.5	229.9	230.3	219.5
Pet. Coke	179.8	179.8	179.8	179.8	179.5
Waste Coal	190.9	195.7	194.7	186.9	178.9
Oil	223.7	132.9	99.6	41.7	17.6

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

Fuel	2010	2015	2020	2025	2032
Coal	36860.3	38186.2	40527.2	43064.5	49589.2
Nuclear	4251.8	4835.5	5259.2	7235.4	7746.4
NaturalGas	34284.0	34212.9	36113.1	30621.8	30938.9
Biomass	415.2	423.1	406.5	401.4	369.4
Pet. Coke	225.5	225.5	225.5	225.5	225.2
Waste Coal	246.5	249.9	248.9	230.5	222.7
Oil	1039.4	601.0	472.8	225.2	98.2

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

Fuel	2010	2015	2020	2025	2032
Coal	1.57	1.53	1.51	1.52	1.57
Nuclear	0.52	0.57	0.60	0.61	0.60
NaturalGas	6.11	5.49	5.48	5.63	5.69
Biomass	1.77	1.81	1.77	1.74	1.68
Pet. Coke	1.25	1.25	1.25	1.25	1.25
Waste Coal	1.29	1.28	1.28	1.23	1.24
Oil	4.65	4.52	4.75	5.41	5.57



Environmental Measures Report

Constraint Name: SO2 CAIR Constraint					
	2009-2012	2013-2017	2018-2022	2023-2027	2028-2035
Total Title IV Emissions	5,310	4,665	4,233	3,848	3,587
MTons Banked	3,119	0	0	0	0
MTons Withdrawn	0	-828.1	-831	-481.9	-221.6
Non CAIR Rate - [lb/MMBtu]	0.24	0.14	0.14	0.12	0.11
CAIR Rate - [lb/MMBtu]	0.40	0.35	0.29	0.26	0.22
Non CAIR - TBtu Consumed	7,347	8,072	8,702	8,964	10,056
CAIR - TBtu Consumed	21,980	23,389	24,945	25,015	27,078
Non-CAIR Shadow Price (US\$/Ton)	268.9	235.2	268	346.6	482.2
CAIR Shadow Price (US\$/Ton)	470.6	592.7	766.5	991.4	1,379

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 #: 4

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]	1549.	1367.	1289.	1268.	1268.
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	23.00	2.156	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	-20.56	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1571.	1370.	1268.	1268.	1268.
TBtu Consumed	0.2198E+05	0.2339E+05	0.2494E+05	0.2501E+05	0.2707E+05
Rate - [lb/MMBtu]	0.1409	0.1169	0.1033	0.1014	0.9368E-01
TWh Generated	2255.	2438.	2667.	2673.	2948.
TWh Generated Qualifying	-0.2255E+07	-0.2460E+07	-0.2762E+07	-0.2816E+07	-0.3201E+07
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	1089.	1372.	1774.	1299.	1368.

Constraint Name: #3 - NOx SIP CALL and Summer CAIR Constraint      Constraint #: 5  
 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	504.4	470.2	461.0	461.7
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	14.78	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	-14.78	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	568.0	504.4	485.0	446.2	461.7
TBtu Consumed	8199.	8763.	9360.	9243.	9933.
Rate - [lb/MMBtu]	0.1386	0.1151	0.1005	0.9974E-01	0.9297E-01
TWh Generated	842.7	910.8	994.1	976.3	1068.
TWh Generated Qualifying	-0.8427E+06	-0.9202E+06	-0.1026E+07	-0.1021E+07	-0.1148E+07
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	404.6	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 #: 6

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]	0.1616	0.2228	0.3153	0.2273	0.2858
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.7742	0.6817	0.7697	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1616	0.9970	0.9970	0.9970	0.2858
TBTu Consumed	19.82	20.45	24.09	13.78	13.45
Rate - [lb/MMBtu]	0.1630E-01	0.2179E-01	0.2618E-01	0.3299E-01	0.4249E-01
TWh Generated	2.690	2.725	3.165	1.771	1.670
TWh Generated Qualifying	-2690.	-8571.	-0.1518E+05	-0.1379E+05	-0.1929E+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: #5 - MER National Constraint

Constraint #: 7

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]	0.6846E+05	0.6691E+05	0.4343E+05	0.3169E+05	0.3000E+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]	7536.	9091.	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [Lb]	0.000	0.000	-0.1343E+05	0.000	0.000
-Less Allowances Withdrawn (n:1) [Lb]	0.000	0.000	0.000	-1690.	0.000
Total [Lb]	0.7600E+05	0.7600E+05	0.3000E+05	0.3000E+05	0.3000E+05
TBtu Consumed	0.2346E+05	0.2506E+05	0.2691E+05	0.2844E+05	0.3161E+05
Rate - [lb/MMBtu]	0.2918E-05	0.2670E-05	0.1614E-05	0.1114E-05	0.9491E-06
TWh Generated	2273.	2454.	2696.	2901.	3324.
TWh Generated Qualifying	-0.2273E+07	-0.2454E+07	-0.2696E+07	-0.2901E+07	-0.3324E+07
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.3193E+05	0.4020E+05	0.5200E+05	0.6726E+05	0.7912E+05

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 #: 8

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	175.4	184.8	180.6
-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	14.12	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	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	175.4	198.9	180.6
TBTu Consumed	0.000	0.000	2993.	3552.	4302.
Rate - [lb/MMBTu]	0.000	0.000	0.1172	0.1040	0.8395E-01
TWh Generated	0.000	0.000	369.4	456.1	570.1
TWh Generated Qualifying	0.000	0.000	-0.4492E+06	-0.5728E+06	-0.7393E+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 #: 9  
 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	5.730	5.448	5.041	5.039
-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	5.730	5.448	5.041	5.039
TBtu Consumed	0.000	76.40	72.64	67.22	67.19
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	6.011	5.714	5.288	5.286
TWh Generated Qualifying	0.000	-6011.	-5714.	-5288.	-5286.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	907.6	932.8	337.1	1376.

Constraint Name: #7 - BART SO2 Constraint (CJO)      Constraint #: 10  
 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	4.874	4.602	4.603	4.257
-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	4.874	4.602	4.603	4.257
TBtu Consumed	0.000	64.98	61.37	61.37	56.76
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	6.164	5.821	5.821	5.384
TWh Generated Qualifying	0.000	-6164.	-5821.	-5821.	-5384.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	2349.	655.1	0.000	0.000



Constraint Name: #7 - BART SO2 Constraint (CJP)                      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	4.848	4.578	4.578	4.234
-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	4.848	4.578	4.578	4.234
TBtu Consumed	0.000	64.64	61.04	61.04	56.46
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	6.089	5.750	5.750	5.319
TWh Generated Qualifying	0.000	-6089.	-5750.	-5750.	-5319.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	2326.	676.9	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (CMZ)                      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	0.6233	0.6233	0.6233	0.6233
-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	0.6233	0.6233	0.6233	0.6233
TBtu Consumed	0.000	20.73	20.73	20.73	20.73
Rate - [lb/MMBtu]	0.000	0.6014E-01	0.6014E-01	0.6014E-01	0.6014E-01
TWh Generated	0.000	1.840	1.840	1.840	1.840
TWh Generated Qualifying	0.000	-1840.	-1840.	-1840.	-1840.
Rate - [lb/MWh]	0.000	0.000	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 (CNB)  
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 #: 13

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	1.398	1.398	1.398	1.398
-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	1.398	1.398	1.398	1.398
TBtu Consumed	0.000	18.64	18.64	18.64	18.64
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	1.650	1.650	1.650	1.650
TWh Generated Qualifying	0.000	-1650.	-1650.	-1650.	-1650.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	2260.	14.29	912.2	822.0

Constraint Name: #7 - BART SO2 Constraint (CNC)                      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	2.746	2.746	2.746	2.746
-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	2.746	2.746	2.746	2.746
TBtu Consumed	0.000	36.61	36.61	36.61	36.61
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	3.261	3.261	3.261	3.261
TWh Generated Qualifying	0.000	-3261.	-3261.	-3261.	-3261.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1681.	17.95	727.7	512.6

Constraint Name: #7 - BART SO2 Constraint (CON)                      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	2.699	2.699	2.699	2.699
-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	2.699	2.699	2.699	2.699
TBtu Consumed	0.000	35.98	35.98	35.98	35.98
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	3.319	3.319	3.319	3.319
TWh Generated Qualifying	0.000	-3319.	-3319.	-3319.	-3319.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1237.	757.6	863.9	623.6

Constraint Name: #7 - BART SO2 Constraint (COX)                      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	3.839	3.839	3.839	3.839
-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	3.839	3.839	3.839	3.839
TBtu Consumed	0.000	51.19	51.19	51.19	51.19
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	4.824	4.824	4.824	4.824
TWh Generated Qualifying	0.000	-4824.	-4824.	-4824.	-4824.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1978.	1951.	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (COY)  
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	4.064	4.064	4.064	4.064
-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	4.064	4.064	4.064	4.064
TBtu Consumed	0.000	54.19	54.19	54.19	54.19
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	5.078	5.078	5.078	5.078
TWh Generated Qualifying	0.000	-5078.	-5078.	-5078.	-5078.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1932.	1311.	0.000	600.7

Constraint Name: #7 - BART SO2 Constraint (CPG)                      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	1.319	1.319	1.319	1.319
-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	1.319	1.319	1.319	1.319
TBtu Consumed	0.000	17.58	17.58	17.58	17.58
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	1.666	1.666	1.666	1.666
TWh Generated Qualifying	0.000	-1666.	-1666.	-1666.	-1666.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	2449.	11.88	2025.	892.7



Constraint Name: #7 - BART SO2 Constraint (CPI)                      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	3.616	3.616	3.616	3.616
-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	3.616	3.616	3.616	3.616
TBtu Consumed	0.000	48.21	48.21	48.21	48.21
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	4.721	4.721	4.721	4.721
TWh Generated Qualifying	0.000	-4721.	-4721.	-4721.	-4721.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	947.2	2657.	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (CPS)                      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	2.079	2.069	2.069	1.955
-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	2.069	2.069	1.955
TBtu Consumed	0.000	27.73	27.73	27.73	26.19
Rate - [lb/MMBtu]	0.000	0.1500	0.1493	0.1493	0.1493
TWh Generated	0.000	2.721	2.721	2.721	2.571
TWh Generated Qualifying	0.000	-2721.	-2721.	-2721.	-2571.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1073.	0.000	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (CPT)                      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	0.9560	0.9560	0.8837	0.5941
-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	0.9560	0.9560	0.8837	0.5941
TBtu Consumed	0.000	14.42	14.42	13.33	9.141
Rate - [lb/MMBtu]	0.000	0.1326	0.1326	0.1326	0.1300
TWh Generated	0.000	1.519	1.519	1.404	0.9674
TWh Generated Qualifying	0.000	-1519.	-1519.	-1404.	-967.4
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1858.	1279.	1731.	588.4

Constraint Name: #7 - BART SO2 Constraint (CPU)      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	1.125	1.125	0.9823	0.9080
-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	1.125	1.125	0.9823	0.9080
TBtu Consumed	0.000	16.93	16.93	14.79	13.67
Rate - [lb/MMBtu]	0.000	0.1328	0.1328	0.1328	0.1328
TWh Generated	0.000	1.797	1.797	1.570	1.451
TWh Generated Qualifying	0.000	-1797.	-1797.	-1570.	-1451.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	2698.	2843.	2128.	867.5

Constraint Name: #7 - BART SO2 Constraint (CQC)  
 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	1.492	1.492	1.492	1.492
-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	1.492	1.492
TBtu Consumed	0.000	19.89	19.89	19.89	19.89
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	1.889	1.889	1.889	1.889
TWh Generated Qualifying	0.000	-1889.	-1889.	-1889.	-1889.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1436.	2195.	1135.	0.000

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 #: 24

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	1.225	1.225	1.225	1.158
-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	1.225	1.225	1.225	1.158
TBtu Consumed	0.000	16.34	16.34	16.34	15.44
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	1.547	1.547	1.547	1.462
TWh Generated Qualifying	0.000	-1547.	-1547.	-1547.	-1462.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3059.	2506.	677.3	208.7

Constraint Name: #7 - BART SO2 Constraint (CQS)                      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	2.902	2.902	2.902	2.902
-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	2.902	2.902	2.902	2.902
TBtu Consumed	0.000	38.69	38.69	38.69	38.69
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	3.659	3.659	3.659	3.659
TWh Generated Qualifying	0.000	-3659.	-3659.	-3659.	-3659.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3294.	0.000	846.7	757.6

Constraint Name: #7 - BART SO2 Constraint (CSN)                      Constraint #: 26  
 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	1.476	1.476	1.476	1.476
-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	1.476	1.476	1.476	1.476
TBtu Consumed	0.000	19.68	19.68	19.68	19.68
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	1.748	1.748	1.748	1.748
TWh Generated Qualifying	0.000	-1748.	-1748.	-1748.	-1748.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1316.	2221.	1654.	0.000



Constraint Name: #7 - BART SO2 Constraint (CSP)  
 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 #: 27

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	3.993	3.993	3.993	3.993
-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	3.993	3.993	3.993	3.993
TBtu Consumed	0.000	53.24	53.24	53.24	53.24
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	4.926	4.926	4.926	4.926
TWh Generated Qualifying	0.000	-4926.	-4926.	-4926.	-4926.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	907.3	2581.	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (CSY)                      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	2.996	2.996	2.996	2.996
-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	2.996	2.996	2.996	2.996
TBtu Consumed	0.000	39.95	39.95	39.95	39.95
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	3.855	3.855	3.855	3.855
TWh Generated Qualifying	0.000	-3855.	-3855.	-3855.	-3855.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	3663.	0.000	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (CTG)  
 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 #: 29

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	2.568	2.568	2.568	2.568
-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	2.568	2.568	2.568	2.568
TBtu Consumed	0.000	34.25	34.25	34.25	34.25
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	3.285	3.285	3.285	3.285
TWh Generated Qualifying	0.000	-3285.	-3285.	-3285.	-3285.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1081.	3007.	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (CTH)                      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	2.833	2.833	2.833	2.833
-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	2.833	2.833	2.833	2.833
TBtu Consumed	0.000	37.78	37.78	37.78	37.78
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	3.687	3.687	3.687	3.687
TWh Generated Qualifying	0.000	-3687.	-3687.	-3687.	-3687.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1048.	2874.	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (CTI)                      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	2.952	2.952	2.952	2.952
-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	2.952	2.952	2.952	2.952
TBtu Consumed	0.000	39.36	39.36	39.36	39.36
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	3.752	3.752	3.752	3.752
TWh Generated Qualifying	0.000	-3752.	-3752.	-3752.	-3752.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1013.	2852.	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (CTJ)                      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	2.970	2.970	2.970	2.970
-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	2.970	2.970	2.970	2.970
TBtu Consumed	0.000	39.60	39.60	39.60	39.60
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	3.658	3.658	3.658	3.658
TWh Generated Qualifying	0.000	-3657.	-3657.	-3658.	-3658.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1022.	2822.	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (CTK)                      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	3.106	3.106	3.106	3.106
-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	3.106	3.106	3.106	3.106
TBtu Consumed	0.000	41.42	41.42	41.42	41.42
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	3.752	3.752	3.752	3.752
TWh Generated Qualifying	0.000	-3752.	-3752.	-3752.	-3752.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	988.0	2745.	0.000	0.000

Constraint Name: #7 - BART SO2 Constraint (CTL)  
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 #: 34

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	2.573	2.573	2.573	2.573
-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	2.573	2.573	2.573	2.573
TBtu Consumed	0.000	34.31	34.31	34.31	34.31
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	3.285	3.285	3.285	3.285
TWh Generated Qualifying	0.000	-3285.	-3285.	-3285.	-3285.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1079.	3002.	0.000	0.000



Constraint Name: #7 - BART SO2 Constraint (DJB)                      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	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 #: 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	1.413	1.802	1.841	1.739
-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	1.413	1.802	1.841	1.739
TBtu Consumed	0.000	24.54	24.54	24.54	23.19
Rate - [lb/MMBtu]	0.000	0.1151	0.1469	0.1500	0.1500
TWh Generated	0.000	2.319	2.319	2.319	2.190
TWh Generated Qualifying	0.000	-2319.	-2319.	-2319.	-2190.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	503.4	1201.

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 #: 37

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	364.8	364.1	361.9	357.1
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	364.8	364.1	361.9	357.1
TBtu Consumed	0.000	3459.	3448.	3422.	3378.
Rate - [lb/MMBtu]	0.000	0.2110	0.2112	0.2115	0.2115
TWh Generated	0.000	329.0	328.0	325.5	321.3
TWh Generated Qualifying	0.000	-0.3290E+06	-0.3280E+06	-0.3255E+06	-0.3212E+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 #: 38  
 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]	58.02	59.37	64.87	58.89	70.03
-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]	58.02	59.37	64.87	58.89	70.03
TBtu Consumed	1379.	1472.	1703.	1466.	1848.
Rate - [lb/MMBtu]	0.8417E-01	0.8064E-01	0.7618E-01	0.8036E-01	0.7580E-01
TWh Generated	154.9	166.7	195.7	165.3	210.4
TWh Generated Qualifying	-0.1549E+06	-0.1917E+06	-0.2651E+06	-0.2530E+06	-0.3386E+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 #: 39

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]	38.93	37.57	37.44	37.02	36.47
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	38.93	37.57	37.44	37.02	36.47
TBtu Consumed	1003.	1036.	1034.	1020.	1011.
Rate - [lb/MMBtu]	0.7763E-01	0.7255E-01	0.7244E-01	0.7259E-01	0.7216E-01
TWh Generated	99.03	101.7	101.5	100.2	99.29
TWh Generated Qualifying	-0.9903E+05	-0.1017E+06	-0.1015E+06	-0.1002E+06	-0.9929E+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 #: 40  
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	12.46	12.51	12.42	11.73
-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	12.46	12.51	12.42	11.73
TBtu Consumed	27.73	27.73	27.73	27.73	26.19
Rate - [lb/MMBtu]	0.5371E-06	0.4494E-06	0.4511E-06	0.4478E-06	0.4478E-06
TWh Generated	2.725	2.721	2.721	2.721	2.571
TWh Generated Qualifying	-2725.	-2721.	-2721.	-2721.	-2571.
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 #: 41  
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	4.512	4.264
-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	4.512	4.264
TBtu Consumed	7.595	7.595	7.595	7.595	7.178
Rate - [lb/MMBtu]	0.6000E-06	0.6000E-06	0.5940E-06	0.5940E-06	0.5940E-06
TWh Generated	0.6841	0.6841	0.6841	0.6841	0.6466
TWh Generated Qualifying	-684.1	-684.1	-684.1	-684.1	-646.6
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.3424E+06	0.1433E+06	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - MER Rate Annual (D 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]	4.460	4.460	4.415	4.415	4.172
-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	4.415	4.172
TBtu Consumed	7.433	7.433	7.433	7.433	7.024
Rate - [lb/MMBtu]	0.6000E-06	0.6000E-06	0.5940E-06	0.5940E-06	0.5940E-06
TWh Generated	0.6841	0.6841	0.6841	0.6841	0.6466
TWh Generated Qualifying	-684.1	-684.1	-684.1	-684.1	-646.6
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Lb]	0.3424E+06	0.1433E+06	0.000	0.000	0.000



Constraint Name: Connecticut Facility Specific - NOX Rate Annual (A 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]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.2465E-02	0.1627E-02	0.4852E-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]	0.2465E-02	0.1627E-02	0.4852E-03	0.000	0.000
TBtu Consumed	0.1591	0.1050	0.3130E-01	0.000	0.000
Rate - [lb/MMBtu]	0.3100E-01	0.3100E-01	0.3100E-01	0.000	0.000
TWh Generated	0.1767E-01	0.1167E-01	0.3478E-02	0.000	0.000
TWh Generated Qualifying	-17.67	-11.67	-3.478	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 #: 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]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	0.1861E-02	0.1228E-02	0.3662E-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]	0.1861E-02	0.1228E-02	0.3662E-03	0.000	0.000
TBtu Consumed	0.1378	0.9100E-01	0.2713E-01	0.000	0.000
Rate - [lb/MMBtu]	0.2700E-01	0.2700E-01	0.2700E-01	0.000	0.000
TWh Generated	0.1532E-01	0.1011E-01	0.3014E-02	0.000	0.000
TWh Generated Qualifying	-15.32	-10.11	-3.014	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 #: 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]	0.5567E-02	0.3675E-02	0.1096E-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]	0.5567E-02	0.3675E-02	0.1096E-02	0.000	0.000
TBtu Consumed	0.1591	0.1050	0.3130E-01	0.000	0.000
Rate - [lb/MMBtu]	0.7000E-01	0.7000E-01	0.7000E-01	0.000	0.000
TWh Generated	0.1767E-01	0.1167E-01	0.3478E-02	0.000	0.000
TWh Generated Qualifying	-17.67	-11.67	-3.478	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 #: 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]	0.2301E-02	0.1519E-02	0.4528E-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]	0.2301E-02	0.1519E-02	0.4528E-03	0.000	0.000
TBtu Consumed	0.1485	0.9800E-01	0.2921E-01	0.000	0.000
Rate - [lb/MMBtu]	0.3100E-01	0.3100E-01	0.3100E-01	0.000	0.000
TWh Generated	0.1649E-01	0.1089E-01	0.3246E-02	0.000	0.000
TWh Generated Qualifying	-16.49	-10.89	-3.246	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 #: 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]	0.2757E-02	0.1820E-02	0.5426E-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]	0.2757E-02	0.1820E-02	0.5426E-03	0.000	0.000
TBtu Consumed	0.1414	0.9333E-01	0.2782E-01	0.000	0.000
Rate - [lb/MMBtu]	0.3900E-01	0.3900E-01	0.3900E-01	0.000	0.000
TWh Generated	0.1571E-01	0.1037E-01	0.3092E-02	0.000	0.000
TWh Generated Qualifying	-15.71	-10.37	-3.091	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 #: 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]	0.000	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 #: 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]	0.000	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 #: 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]	0.1645E-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 #: 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]	0.1427E-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 #: 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]	0.1522E-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 #: 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]	0.1473E-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 #: 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]	0.1509E-01	0.1070E-01	0.5436E-02	0.5580E-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]	0.1509E-01	0.1070E-01	0.5436E-02	0.5580E-03	0.000
TBtu Consumed	1.509	1.070	0.5436	0.5580E-01	0.000
Rate - [lb/MMBtu]	0.2000E-01	0.2000E-01	0.2000E-01	0.2000E-01	0.000
TWh Generated	0.1889	0.1340	0.6807E-01	0.6987E-02	0.000
TWh Generated Qualifying	-188.9	-134.0	-68.07	-6.987	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 #: 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]	0.1659E-01	0.1492E-01	0.5523E-02	0.6138E-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]	0.1659E-01	0.1492E-01	0.5523E-02	0.6138E-03	0.000
TBtu Consumed	1.509	1.357	0.5021	0.5580E-01	0.000
Rate - [lb/MMBtu]	0.2200E-01	0.2200E-01	0.2200E-01	0.2200E-01	0.000
TWh Generated	0.1889	0.1699	0.6287E-01	0.6987E-02	0.000
TWh Generated Qualifying	-188.9	-169.9	-62.87	-6.987	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]	0.1491E-01	0.1491E-01	0.1058E-01	0.5514E-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]	0.1491E-01	0.1491E-01	0.1058E-01	0.5514E-03	0.000
TBtu Consumed	1.420	1.420	1.007	0.5252E-01	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	0.1261	0.6576E-02	0.000
TWh Generated Qualifying	-177.8	-177.8	-126.1	-6.576	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 #: 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]	0.3128E-01	0.3128E-01	0.3128E-01	0.3325E-02	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	0.3128E-01	0.3128E-01	0.3325E-02	0.4688E-02
TBtu Consumed	12.51	12.51	12.51	1.330	1.875
Rate - [lb/MMBtu]	0.5000E-02	0.5000E-02	0.5000E-02	0.5000E-02	0.5000E-02
TWh Generated	1.720	1.720	1.720	0.1829	0.2578
TWh Generated Qualifying	-1720.	-1720.	-1720.	-182.9	-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 #: 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]	0.9793E-01	0.9793E-01	0.7345E-01	0.1468E-01	0.1041E-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]	0.9793E-01	0.9793E-01	0.7345E-01	0.1468E-01	0.1041E-01
TBtu Consumed	12.24	12.24	9.181	1.835	1.302
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	0.2522	0.1789
TWh Generated Qualifying	-1683.	-1683.	-1262.	-252.2	-178.9
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: 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]	0.1100	0.9802E-01	0.8251E-01	0.1170E-01	0.1170E-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	0.8251E-01	0.1170E-01	0.1170E-01
TBtu Consumed	13.75	12.25	10.31	1.462	1.462
Rate - [lb/MMBtu]	0.1600E-01	0.1600E-01	0.1600E-01	0.1600E-01	0.1600E-01
TWh Generated	1.890	1.684	1.418	0.2010	0.2010
TWh Generated Qualifying	-1890.	-1684.	-1418.	-201.0	-201.0
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: 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]	0.2858	0.2858	0.2858	0.1770	0.1317
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	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	0.1770	0.1317
TBtu Consumed	12.16	12.16	12.16	7.530	5.604
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	1.065	0.7925
TWh Generated Qualifying	-1720.	-1720.	-1720.	-1065.	-792.5
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: 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]	0.2858	0.2858	0.2858	0.1770	0.1770
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	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	0.1770	0.1770
TBtu Consumed	12.16	12.16	12.16	7.530	7.530
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	1.065	1.065
TWh Generated Qualifying	-1720.	-1720.	-1720.	-1065.	-1065.
Rate - [lb/MWh]	0.000	0.000	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]	0.2960E-02	0.2960E-02	0.1618E-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]	0.2960E-02	0.2960E-02	0.1618E-02	0.000	0.000
TBtu Consumed	0.6805E-01	0.6805E-01	0.3719E-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	0.4043E-02	0.000	0.000
TWh Generated Qualifying	-7.396	-7.396	-4.043	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 #: 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]	0.4736E-02	0.4736E-02	0.4736E-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]	0.4736E-02	0.4736E-02	0.4736E-02	0.000	0.000
TBtu Consumed	0.1089	0.1089	0.1089	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	0.1183E-01	0.000	0.000
TWh Generated Qualifying	-11.83	-11.83	-11.83	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 #: 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]	0.1311E-02	0.5705E-03	0.5705E-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]	0.1311E-02	0.5705E-03	0.5705E-03	0.000	0.000
TBtu Consumed	0.1927E-01	0.8390E-02	0.8390E-02	0.000	0.000
Rate - [lb/MMBtu]	0.1360	0.1360	0.1360	0.000	0.000
TWh Generated	0.1892E-02	0.8237E-03	0.8237E-03	0.000	0.000
TWh Generated Qualifying	-1.892	-0.8237	-0.8237	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 #: 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]	1.913	1.913	1.913	1.913	1.807
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	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	1.913	1.913	1.807
TBtu Consumed	27.73	27.73	27.73	27.73	26.19
Rate - [lb/MMBtu]	0.1380	0.1380	0.1380	0.1380	0.1380
TWh Generated	2.725	2.721	2.721	2.721	2.571
TWh Generated Qualifying	-2725.	-2721.	-2721.	-2721.	-2571.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	0.000	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 #: 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]	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 #: 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]	0.1149E+07	0.5793E+06	0.4885E+06	0.000	0.000

Constraint Name: Connecticut Facility Specific - NOX Rate Annual (D 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]	0.2962	0.2962	0.2962	0.2962	0.2799
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	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	0.2962	0.2799
TBtu Consumed	7.595	7.595	7.595	7.595	7.178
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	0.6841	0.6466
TWh Generated Qualifying	-684.1	-684.1	-684.1	-684.1	-646.6
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 #: 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]	0.2936	0.2936	0.2936	0.2936	0.2775
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	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	0.2775
TBtu Consumed	7.433	7.433	7.433	7.433	7.024
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	0.6466
TWh Generated Qualifying	-684.1	-684.1	-684.1	-684.1	-646.6
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 #: 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]	0.000	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 #: 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]	0.000	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 #: 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]	1012.	0.000	906.0	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	0.000	0.000	0.000	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]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (A 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]	0.3300	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	0.1050	0.3130E-01	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1767E-01	0.1167E-01	0.3478E-02	0.000	0.000
TWh Generated Qualifying	-17.67	-11.67	-3.478	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 #: 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]	0.3300	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	0.9100E-01	0.2713E-01	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1532E-01	0.1011E-01	0.3014E-02	0.000	0.000
TWh Generated Qualifying	-15.32	-10.11	-3.014	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	0.1050	0.3130E-01	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1767E-01	0.1167E-01	0.3478E-02	0.000	0.000
TWh Generated Qualifying	-17.67	-11.67	-3.478	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 #: 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	0.1485	0.9800E-01	0.2921E-01	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1649E-01	0.1089E-01	0.3246E-02	0.000	0.000
TWh Generated Qualifying	-16.49	-10.89	-3.246	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 #: 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	0.1414	0.9333E-01	0.2782E-01	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1571E-01	0.1037E-01	0.3092E-02	0.000	0.000
TWh Generated Qualifying	-15.71	-10.37	-3.091	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 #: 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	0.000	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 #: 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	0.000	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 #: 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	0.2492E-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 #: 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	0.2266E-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 #: 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	0.2341E-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 #: 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 (B 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	1.509	1.070	0.5436	0.5580E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1889	0.1340	0.6807E-01	0.6987E-02	0.000
TWh Generated Qualifying	-188.9	-134.0	-68.07	-6.987	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 #: 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	1.509	1.357	0.5021	0.5580E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1889	0.1699	0.6287E-01	0.6987E-02	0.000
TWh Generated Qualifying	-188.9	-169.9	-62.87	-6.987	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	1.420	1.420	1.007	0.5252E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1778	0.1778	0.1261	0.6576E-02	0.000
TWh Generated Qualifying	-177.8	-177.8	-126.1	-6.576	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 #: 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	12.51	12.51	12.51	1.330	1.875
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.720	1.720	1.720	0.1829	0.2578
TWh Generated Qualifying	-1720.	-1720.	-1720.	-182.9	-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 #: 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	12.24	12.24	9.181	1.835	1.302
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.683	1.683	1.262	0.2522	0.1789
TWh Generated Qualifying	-1683.	-1683.	-1262.	-252.2	-178.9
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: 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	13.75	12.25	10.31	1.462	1.462
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.890	1.684	1.418	0.2010	0.2010
TWh Generated Qualifying	-1890.	-1684.	-1418.	-201.0	-201.0
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: 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	12.16	12.16	12.16	7.530	5.604
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.720	1.720	1.720	1.065	0.7925
TWh Generated Qualifying	-1720.	-1720.	-1720.	-1065.	-792.5
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: 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	12.16	12.16	12.16	7.530	7.530
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.720	1.720	1.720	1.065	1.065
TWh Generated Qualifying	-1720.	-1720.	-1720.	-1065.	-1065.
Rate - [lb/MWh]	0.000	0.000	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	0.6805E-01	0.6805E-01	0.3719E-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	0.4043E-02	0.000	0.000
TWh Generated Qualifying	-7.396	-7.396	-4.043	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 #: 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	0.1089	0.1089	0.1089	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	0.1183E-01	0.000	0.000
TWh Generated Qualifying	-11.83	-11.83	-11.83	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 #: 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	0.1927E-01	0.8390E-02	0.8390E-02	0.000	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	0.1892E-02	0.8237E-03	0.8237E-03	0.000	0.000
TWh Generated Qualifying	-1.892	-0.8237	-0.8237	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 #: 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]	4.575	2.079	2.069	2.069	1.955
-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	2.069	2.069	1.955
TBtu Consumed	27.73	27.73	27.73	27.73	26.19
Rate - [lb/MMBtu]	0.3300	0.1500	0.1493	0.1493	0.1493
TWh Generated	2.725	2.721	2.721	2.721	2.571
TWh Generated Qualifying	-2725.	-2721.	-2721.	-2721.	-2571.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	399.0	0.000	0.000	0.000	0.000

Constraint Name: Connecticut Facility Specific - SO2 Rate Annual (C 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	0.000	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 #: 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]	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 #: 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 (D 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]	0.8216	0.5301	0.5241	0.5241	0.4953
-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]	0.8216	0.5301	0.5241	0.5241	0.4953
TBtu Consumed	7.595	7.595	7.595	7.595	7.178
Rate - [lb/MMBtu]	0.2163	0.1396	0.1380	0.1380	0.1380
TWh Generated	0.6841	0.6841	0.6841	0.6841	0.6466
TWh Generated Qualifying	-684.1	-684.1	-684.1	-684.1	-646.6
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 #: 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]	0.8040	0.5188	0.5128	0.5128	0.4847
-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]	0.8040	0.5188	0.5128	0.5128	0.4847
TBtu Consumed	7.433	7.433	7.433	7.433	7.024
Rate - [lb/MMBtu]	0.2163	0.1396	0.1380	0.1380	0.1380
TWh Generated	0.6841	0.6841	0.6841	0.6841	0.6466
TWh Generated Qualifying	-684.1	-684.1	-684.1	-684.1	-646.6
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 #: 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]	0.000	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 #: 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]	0.000	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 #: 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]	9365.	5318.	4177.	1239.	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]	9581.	5491.	4345.	1390.	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]	0.000	0.000	0.000	0.000	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]	0.000	0.000	0.000	0.000	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]	7998.	4225.	3114.	292.9	0.000

Constraint Name: Illinois Facility Average - NOX Rate Summer      Constraint #: 145  
 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]	34.50	36.50	28.75	28.35	27.73
-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]	34.50	36.50	28.75	28.35	27.73
TBtu Consumed	460.8	498.8	494.6	489.8	477.9
Rate - [lb/MMBtu]	0.1497	0.1463	0.1162	0.1158	0.1160
TWh Generated	43.69	47.19	46.67	46.16	45.16
TWh Generated Qualifying	-0.4369E+05	-0.4719E+05	-0.4667E+05	-0.4616E+05	-0.4516E+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: Illinois Facility Specific - NOX Rate Summer (ADG) Constraint #: 146  
 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	0.5203E-03	0.1199E-02	0.1199E-02	0.1199E-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]	0.000	0.5203E-03	0.1199E-02	0.1199E-02	0.1199E-02
TBtu Consumed	0.000	0.2001E-01	0.4613E-01	0.4613E-01	0.4613E-01
Rate - [lb/MMBtu]	0.000	0.5200E-01	0.5200E-01	0.5200E-01	0.5200E-01
TWh Generated	0.000	0.1499E-02	0.3455E-02	0.3455E-02	0.3455E-02
TWh Generated Qualifying	0.000	-1.499	-3.455	-3.455	-3.455
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	0.000	0.000	0.1822E-02	0.1822E-02	0.1822E-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]	0.000	0.000	0.1822E-02	0.1822E-02	0.1822E-02
TBtu Consumed	0.000	0.000	0.4613E-01	0.4613E-01	0.4613E-01
Rate - [lb/MMBtu]	0.000	0.000	0.7900E-01	0.7900E-01	0.7900E-01
TWh Generated	0.000	0.000	0.3455E-02	0.3455E-02	0.3455E-02
TWh Generated Qualifying	0.000	0.000	-3.455	-3.455	-3.455
Rate - [lb/MWh]	0.000	0.000	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 #: 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	0.1983E-02	0.1983E-02	0.1983E-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]	0.000	0.000	0.1983E-02	0.1983E-02	0.1983E-02
TBtu Consumed	0.000	0.000	0.4613E-01	0.4613E-01	0.4613E-01
Rate - [lb/MMBtu]	0.000	0.000	0.8600E-01	0.8600E-01	0.8600E-01
TWh Generated	0.000	0.000	0.3455E-02	0.3455E-02	0.3455E-02
TWh Generated Qualifying	0.000	0.000	-3.455	-3.455	-3.455
Rate - [lb/MWh]	0.000	0.000	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 #: 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	0.7746E-03	0.7746E-03	0.7746E-03	0.7746E-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	0.7746E-03	0.7746E-03	0.7746E-03	0.7746E-03
TBtu Consumed	0.000	0.1091E-01	0.1091E-01	0.1091E-01	0.1091E-01
Rate - [lb/MMBtu]	0.000	0.1420	0.1420	0.1420	0.1420
TWh Generated	0.000	0.8172E-03	0.8172E-03	0.8172E-03	0.8172E-03
TWh Generated Qualifying	0.000	-0.8172	-0.8172	-0.8172	-0.8172
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	0.7932E-03	0.4032E-02	0.4032E-02	0.4032E-02	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	0.4032E-02	0.4032E-02	0.4032E-02	0.7932E-03
TBtu Consumed	0.5666E-01	0.2880	0.2880	0.2880	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	0.2509E-01	0.2509E-01	0.2509E-01	0.4936E-02
TWh Generated Qualifying	-4.936	-25.09	-25.09	-25.09	-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 #: 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]	0.1224E-02	0.1303E-02	0.6198E-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]	0.1224E-02	0.1303E-02	0.6198E-02	0.1303E-02	0.1303E-02
TBtu Consumed	0.5322E-01	0.5666E-01	0.2695	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	0.4636E-02	0.4936E-02	0.2347E-01	0.4936E-02	0.4936E-02
TWh Generated Qualifying	-4.636	-4.936	-23.47	-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 #: 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]	0.9066E-03	0.4608E-02	0.4608E-02	0.2132E-02	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	0.4608E-02	0.4608E-02	0.2132E-02	0.9066E-03
TBtu Consumed	0.5666E-01	0.2880	0.2880	0.1332	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	0.2509E-01	0.2509E-01	0.1161E-01	0.4936E-02
TWh Generated Qualifying	-4.936	-25.09	-25.09	-11.61	-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 #: 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]	0.1020E-02	0.5184E-02	0.5184E-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	0.5184E-02	0.5184E-02	0.1020E-02	0.1020E-02
TBtu Consumed	0.5666E-01	0.2880	0.2880	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	0.2509E-01	0.2509E-01	0.4936E-02	0.4936E-02
TWh Generated Qualifying	-4.936	-25.09	-25.09	-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 #: 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]	0.5595E-02	0.1682E-01	0.1682E-01	0.1682E-01	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]	0.5595E-02	0.1682E-01	0.1682E-01	0.1682E-01	0.5595E-02
TBtu Consumed	0.2602	0.7821	0.7821	0.7821	0.2602
Rate - [lb/MMBtu]	0.4300E-01	0.4300E-01	0.4300E-01	0.4300E-01	0.4300E-01
TWh Generated	0.2576E-01	0.7742E-01	0.7742E-01	0.7742E-01	0.2576E-01
TWh Generated Qualifying	-25.76	-77.42	-77.42	-77.42	-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 #: 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]	0.6327E-02	0.1901E-01	0.1901E-01	0.1901E-01	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]	0.6327E-02	0.1901E-01	0.1901E-01	0.1901E-01	0.6327E-02
TBtu Consumed	0.2636	0.7923	0.7923	0.7923	0.2636
Rate - [lb/MMBtu]	0.4800E-01	0.4800E-01	0.4800E-01	0.4800E-01	0.4800E-01
TWh Generated	0.2609E-01	0.7842E-01	0.7842E-01	0.7842E-01	0.2609E-01
TWh Generated Qualifying	-26.09	-78.42	-78.42	-78.42	-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 #: 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]	0.000	0.000	0.7486E-04	0.5374E-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]	0.000	0.000	0.7486E-04	0.5374E-03	0.000
TBtu Consumed	0.000	0.000	0.5347E-02	0.3839E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.2800E-01	0.2800E-01	0.000
TWh Generated	0.000	0.000	0.3437E-03	0.2468E-02	0.000
TWh Generated Qualifying	0.000	0.000	-0.3437	-2.468	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 #: 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]	0.000	0.000	0.000	0.6334E-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]	0.000	0.000	0.000	0.6334E-03	0.000
TBtu Consumed	0.000	0.000	0.000	0.3839E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.3300E-01	0.000
TWh Generated	0.000	0.000	0.000	0.2468E-02	0.000
TWh Generated Qualifying	0.000	0.000	0.000	-2.468	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 #: 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	0.4607E-03	0.4607E-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]	0.000	0.000	0.4607E-03	0.4607E-03	0.000
TBtu Consumed	0.000	0.000	0.3839E-01	0.3839E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.2400E-01	0.2400E-01	0.000
TWh Generated	0.000	0.000	0.2468E-02	0.2468E-02	0.000
TWh Generated Qualifying	0.000	0.000	-2.468	-2.468	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 #: 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	0.4991E-03	0.4991E-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]	0.000	0.000	0.4991E-03	0.4991E-03	0.000
TBtu Consumed	0.000	0.000	0.3839E-01	0.3839E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.2600E-01	0.2600E-01	0.000
TWh Generated	0.000	0.000	0.2468E-02	0.2468E-02	0.000
TWh Generated Qualifying	0.000	0.000	-2.468	-2.468	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 #: 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	0.5566E-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]	0.000	0.000	0.000	0.5566E-03	0.000
TBtu Consumed	0.000	0.000	0.000	0.3839E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.2900E-01	0.000
TWh Generated	0.000	0.000	0.000	0.2468E-02	0.000
TWh Generated Qualifying	0.000	0.000	0.000	-2.468	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 #: 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	0.5566E-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]	0.000	0.000	0.000	0.5566E-03	0.000
TBtu Consumed	0.000	0.000	0.000	0.3839E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.2900E-01	0.000
TWh Generated	0.000	0.000	0.000	0.2468E-02	0.000
TWh Generated Qualifying	0.000	0.000	0.000	-2.468	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 #: 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	0.4991E-03	0.4991E-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]	0.000	0.000	0.4991E-03	0.4991E-03	0.000
TBtu Consumed	0.000	0.000	0.3839E-01	0.3839E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.2600E-01	0.2600E-01	0.000
TWh Generated	0.000	0.000	0.2468E-02	0.2468E-02	0.000
TWh Generated Qualifying	0.000	0.000	-2.468	-2.468	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 #: 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	0.5374E-03	0.5374E-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]	0.000	0.000	0.5374E-03	0.5374E-03	0.000
TBtu Consumed	0.000	0.000	0.3839E-01	0.3839E-01	0.000
Rate - [lb/MMBtu]	0.000	0.000	0.2800E-01	0.2800E-01	0.000
TWh Generated	0.000	0.000	0.2468E-02	0.2468E-02	0.000
TWh Generated Qualifying	0.000	0.000	-2.468	-2.468	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 #: 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	0.1332E-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]	0.000	0.1332E-02	0.1332E-02	0.1332E-02	0.1332E-02
TBtu Consumed	0.000	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01
Rate - [lb/MMBtu]	0.000	0.4700E-01	0.4700E-01	0.4700E-01	0.4700E-01
TWh Generated	0.000	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02
TWh Generated Qualifying	0.000	-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 #: 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]	0.1133E-02	0.3181E-02	0.5761E-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	0.3181E-02	0.5761E-02	0.1133E-02	0.1133E-02
TBtu Consumed	0.5666E-01	0.1591	0.2880	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	0.1386E-01	0.2509E-01	0.4936E-02	0.4936E-02
TWh Generated Qualifying	-4.936	-13.86	-25.09	-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 #: 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]	0.000	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]	0.000	0.1615E-02	0.1615E-02	0.1615E-02	0.1615E-02
TBtu Consumed	0.000	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01
Rate - [lb/MMBtu]	0.000	0.5700E-01	0.5700E-01	0.5700E-01	0.5700E-01
TWh Generated	0.000	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02
TWh Generated Qualifying	0.000	-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 #: 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]	0.000	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]	0.000	0.1813E-02	0.1813E-02	0.1813E-02	0.1813E-02
TBtu Consumed	0.000	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01
Rate - [lb/MMBtu]	0.000	0.6400E-01	0.6400E-01	0.6400E-01	0.6400E-01
TWh Generated	0.000	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02
TWh Generated Qualifying	0.000	-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 #: 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]	0.000	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]	0.000	0.1360E-02	0.1360E-02	0.1360E-02	0.1360E-02
TBtu Consumed	0.000	0.5666E-01	0.5666E-01	0.5666E-01	0.5666E-01
Rate - [lb/MMBtu]	0.000	0.4800E-01	0.4800E-01	0.4800E-01	0.4800E-01
TWh Generated	0.000	0.4936E-02	0.4936E-02	0.4936E-02	0.4936E-02
TWh Generated Qualifying	0.000	-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 #: 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]	0.7554E-03	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]	0.7554E-03	0.3840E-02	0.3840E-02	0.3840E-02	0.3840E-02
TBtu Consumed	0.1526E-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	0.1471E-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 (AEE) 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]	0.5361E-02	0.1611E-01	0.1611E-01	0.1611E-01	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	0.1611E-01	0.1611E-01	0.1611E-01	0.5361E-02
TBtu Consumed	0.2898	0.8710	0.8710	0.8710	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	0.8395E-01	0.8395E-01	0.8395E-01	0.2793E-01
TWh Generated Qualifying	-27.93	-83.95	-83.95	-83.95	-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 #: 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]	0.6086E-02	0.1764E-01	0.1829E-01	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	0.1764E-01	0.1829E-01	0.6086E-02	0.6086E-02
TBtu Consumed	0.2898	0.8400	0.8710	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	0.8097E-01	0.8395E-01	0.2793E-01	0.2793E-01
TWh Generated Qualifying	-27.93	-80.96	-83.95	-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 #: 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]	0.6231E-02	0.6231E-02	0.1782E-01	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	0.1782E-01	0.6231E-02	0.6231E-02
TBtu Consumed	0.2898	0.2898	0.8286	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	0.7987E-01	0.2793E-01	0.2793E-01
TWh Generated Qualifying	-27.93	-27.93	-79.87	-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 #: 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]	0.6868E-03	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]	0.6868E-03	0.3491E-02	0.3491E-02	0.3491E-02	0.3491E-02
TBtu Consumed	0.1526E-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	0.1471E-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 (AEI) 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]	0.3375E-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 #: 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]	0.2953E-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]	0.2953E-02	0.3452E-02	0.3452E-02	0.3452E-02	0.3452E-02
TBtu Consumed	0.6636E-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	0.6396E-02	0.7477E-02	0.7477E-02	0.7477E-02	0.7477E-02
TWh Generated Qualifying	-6.396	-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 #: 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]	0.3413E-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 #: 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]	0.7554E-03	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]	0.7554E-03	0.3840E-02	0.3840E-02	0.3840E-02	0.3840E-02
TBtu Consumed	0.1526E-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	0.1471E-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 (AEM) 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]	0.000	0.4449E-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]	0.000	0.4449E-03	0.4449E-03	0.4449E-03	0.4449E-03
TBtu Consumed	0.000	0.2966E-01	0.2966E-01	0.2966E-01	0.2966E-01
Rate - [lb/MMBtu]	0.000	0.3000E-01	0.3000E-01	0.3000E-01	0.3000E-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 (AEN) 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]	0.000	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 (AEO) 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]	0.000	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 #: 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]	0.000	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 #: 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	0.5636E-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 #: 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	0.5933E-03	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	0.5933E-03	0.5933E-03	0.5933E-03	0.5933E-03
TBtu Consumed	0.000	0.2966E-01	0.2966E-01	0.2966E-01	0.2966E-01
Rate - [lb/MMBtu]	0.000	0.4000E-01	0.4000E-01	0.4000E-01	0.4000E-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 (AES) 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	0.5784E-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 #: 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	0.5043E-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 #: 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]	0.1347E-02	0.6846E-02	0.6846E-02	0.6846E-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	0.6846E-02	0.6846E-02	0.6846E-02	0.1347E-02
TBtu Consumed	0.1796E-01	0.9127E-01	0.9127E-01	0.9127E-01	0.1796E-01
Rate - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.1645E-02	0.8363E-02	0.8363E-02	0.8363E-02	0.1645E-02
TWh Generated Qualifying	-1.645	-8.363	-8.363	-8.363	-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 #: 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]	0.1347E-02	0.6846E-02	0.6846E-02	0.6846E-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	0.6846E-02	0.6846E-02	0.6846E-02	0.1347E-02
TBtu Consumed	0.1796E-01	0.9127E-01	0.9127E-01	0.9127E-01	0.1796E-01
Rate - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.1645E-02	0.8363E-02	0.8363E-02	0.8363E-02	0.1645E-02
TWh Generated Qualifying	-1.645	-8.363	-8.363	-8.363	-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 #: 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	0.6846E-02	0.6846E-02	0.6846E-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	0.6846E-02	0.6846E-02	0.6846E-02	0.1347E-02
TBtu Consumed	0.1796E-01	0.9127E-01	0.9127E-01	0.9127E-01	0.1796E-01
Rate - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.1645E-02	0.8363E-02	0.8363E-02	0.8363E-02	0.1645E-02
TWh Generated Qualifying	-1.645	-8.363	-8.363	-8.363	-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 #: 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	0.6846E-02	0.6846E-02	0.6846E-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	0.6846E-02	0.6846E-02	0.6846E-02	0.1347E-02
TBtu Consumed	0.1796E-01	0.9127E-01	0.9127E-01	0.9127E-01	0.1796E-01
Rate - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.1645E-02	0.8363E-02	0.8363E-02	0.8363E-02	0.1645E-02
TWh Generated Qualifying	-1.645	-8.363	-8.363	-8.363	-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 #: 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	0.6846E-02	0.6846E-02	0.6846E-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	0.6846E-02	0.6846E-02	0.6846E-02	0.1347E-02
TBtu Consumed	0.1796E-01	0.9127E-01	0.9127E-01	0.9127E-01	0.1796E-01
Rate - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.1645E-02	0.8363E-02	0.8363E-02	0.8363E-02	0.1645E-02
TWh Generated Qualifying	-1.645	-8.363	-8.363	-8.363	-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 #: 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	0.6846E-02	0.6846E-02	0.6846E-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	0.6846E-02	0.6846E-02	0.6846E-02	0.1347E-02
TBtu Consumed	0.1796E-01	0.9127E-01	0.9127E-01	0.9127E-01	0.1796E-01
Rate - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.1645E-02	0.8363E-02	0.8363E-02	0.8363E-02	0.1645E-02
TWh Generated Qualifying	-1.645	-8.363	-8.363	-8.363	-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 #: 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]	0.5651E-02	0.1698E-01	0.1698E-01	0.7429E-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	0.1698E-01	0.1698E-01	0.7429E-02	0.5651E-02
TBtu Consumed	0.2898	0.8710	0.8710	0.3810	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	0.8395E-01	0.8395E-01	0.3672E-01	0.2793E-01
TWh Generated Qualifying	-27.93	-83.95	-83.95	-36.72	-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 #: 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]	0.000	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 #: 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]	0.000	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 #: 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 (AFL) 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 (AQJ) 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]	0.8578E-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 #: 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]	0.8316E-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 #: 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]	0.8928E-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 #: 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]	0.9016E-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 #: 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]	0.1265E-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 #: 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]	0.1219E-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 #: 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]	0.1165E-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 #: 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]	0.1188E-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 #: 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]	0.1242E-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 #: 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]	0.1227E-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 #: 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]	0.000	0.3534E-03	0.3534E-03	0.3534E-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]	0.000	0.3534E-03	0.3534E-03	0.3534E-03	0.000
TBtu Consumed	0.000	0.2437E-01	0.2437E-01	0.2437E-01	0.000
Rate - [lb/MMBtu]	0.000	0.2900E-01	0.2900E-01	0.2900E-01	0.000
TWh Generated	0.000	0.1602E-02	0.1602E-02	0.1602E-02	0.000
TWh Generated Qualifying	0.000	-1.602	-1.602	-1.602	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 #: 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]	0.000	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 #: 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	0.000	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 #: 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 (AQX) 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 (AQY) 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 (AQZ) 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]	0.8223E-03	0.4180E-02	0.4180E-02	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	0.4180E-02	0.4180E-02	0.8223E-03	0.8223E-03
TBtu Consumed	0.1645E-01	0.8360E-01	0.8360E-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	0.7311E-02	0.7311E-02	0.1438E-02	0.1438E-02
TWh Generated Qualifying	-1.438	-7.311	-7.311	-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 (ARA) 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]	0.8223E-03	0.4180E-02	0.4180E-02	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	0.4180E-02	0.4180E-02	0.8223E-03	0.8223E-03
TBtu Consumed	0.1645E-01	0.8360E-01	0.8360E-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	0.7311E-02	0.7311E-02	0.1438E-02	0.1438E-02
TWh Generated Qualifying	-1.438	-7.311	-7.311	-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 #: 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]	0.8141E-03	0.4138E-02	0.4138E-02	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	0.4138E-02	0.4138E-02	0.8141E-03	0.8141E-03
BTtu Consumed	0.1645E-01	0.8360E-01	0.8360E-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	0.7311E-02	0.7311E-02	0.1438E-02	0.1438E-02
TWh Generated Qualifying	-1.438	-7.311	-7.311	-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 #: 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]	0.8141E-03	0.4138E-02	0.4138E-02	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	0.4138E-02	0.4138E-02	0.8141E-03	0.8141E-03
TBtu Consumed	0.1645E-01	0.8360E-01	0.8360E-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	0.7311E-02	0.7311E-02	0.1438E-02	0.1438E-02
TWh Generated Qualifying	-1.438	-7.311	-7.311	-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 (ARD) 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]	0.2893E-03	0.1471E-02	0.1471E-02	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	0.1471E-02	0.1471E-02	0.2893E-03	0.2893E-03
TBtu Consumed	0.1346E-01	0.6840E-01	0.6840E-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	0.5982E-02	0.5982E-02	0.1177E-02	0.1177E-02
TWh Generated Qualifying	-1.177	-5.982	-5.982	-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 #: 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]	0.3028E-03	0.1539E-02	0.1539E-02	0.3028E-03	0.3028E-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]	0.3028E-03	0.1539E-02	0.1539E-02	0.3028E-03	0.3028E-03
TBtu Consumed	0.1346E-01	0.6840E-01	0.6840E-01	0.1346E-01	0.1346E-01
Rate - [lb/MMBtu]	0.4500E-01	0.4500E-01	0.4500E-01	0.4500E-01	0.4500E-01
TWh Generated	0.1177E-02	0.5982E-02	0.5982E-02	0.1177E-02	0.1177E-02
TWh Generated Qualifying	-1.177	-5.982	-5.982	-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 (ARF) 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]	0.2960E-03	0.1505E-02	0.1505E-02	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	0.1505E-02	0.1505E-02	0.2960E-03	0.2960E-03
TBtu Consumed	0.1346E-01	0.6840E-01	0.6840E-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	0.5982E-02	0.5982E-02	0.1177E-02	0.1177E-02
TWh Generated Qualifying	-1.177	-5.982	-5.982	-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 #: 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]	0.2691E-03	0.1368E-02	0.1368E-02	0.2691E-03	0.2691E-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]	0.2691E-03	0.1368E-02	0.1368E-02	0.2691E-03	0.2691E-03
BTtu Consumed	0.1346E-01	0.6840E-01	0.6840E-01	0.1346E-01	0.1346E-01
Rate - [lb/MMBtu]	0.4000E-01	0.4000E-01	0.4000E-01	0.4000E-01	0.4000E-01
TWh Generated	0.1177E-02	0.5982E-02	0.5982E-02	0.1177E-02	0.1177E-02
TWh Generated Qualifying	-1.177	-5.982	-5.982	-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 (ARH) 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]	0.1095E-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 #: 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]	0.9797E-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 #: 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]	0.2758E-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 #: 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]	0.1745E-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 #: 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]	0.1576E-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 #: 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]	0.5941E-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 #: 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]	0.6073E-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 #: 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: Maine Facility Specific - NOX 0.18 Rate Annual      Constraint #: 229  
 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	2.676	2.373	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	2.676	2.373	0.000	0.000
TBtu Consumed	43.28	39.65	35.16	0.000	0.000
Rate - [lb/MMBtu]	0.1350	0.1350	0.1350	0.000	0.000
TWh Generated	4.273	3.915	3.472	0.000	0.000
TWh Generated Qualifying	-4273.	-3914.	-3472.	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 #: 230  
 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	0.5917	0.2382	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	0.5917	0.2382	0.000	0.000
TBtu Consumed	8.616	7.634	3.073	0.000	0.000
Rate - [lb/MMBtu]	0.1550	0.1550	0.1550	0.000	0.000
TWh Generated	0.7724	0.6844	0.2755	0.000	0.000
TWh Generated Qualifying	-772.4	-684.4	-275.5	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 #: 231  
 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]	288.8	269.4	275.6	290.7	285.3
-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]	288.8	269.4	275.6	290.7	285.3
TBtu Consumed	356.5	356.5	355.8	353.0	345.1
Rate - [lb/MMBtu]	0.8099E-06	0.7557E-06	0.7745E-06	0.8235E-06	0.8269E-06
TWh Generated	34.47	34.47	34.41	34.13	33.41
TWh Generated Qualifying	-0.3447E+05	-0.3447E+05	-0.3441E+05	-0.3413E+05	-0.3341E+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 #: 232  
 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]	16.70	16.70	16.55	16.42	15.65
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	16.70	16.70	16.55	16.42	15.65
TBtu Consumed	356.5	356.5	355.8	353.0	345.1
Rate - [lb/MMBtu]	0.9368E-01	0.9368E-01	0.9302E-01	0.9305E-01	0.9069E-01
TWh Generated	34.47	34.47	34.41	34.13	33.41
TWh Generated Qualifying	-0.3447E+05	-0.3447E+05	-0.3441E+05	-0.3413E+05	-0.3341E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	186.0	0.000	0.000	0.000

Constraint Name: Maryland Healthy Air Act - NOX Cap Summer  
Constraint Type: Rate Cap [MTons] Constraint #: 233  
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]	7.087	7.087	7.087	6.960	6.660
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	7.087	7.087	7.087	6.960	6.660
TBtu Consumed	155.0	155.0	155.0	152.2	146.6
Rate - [lb/MMBtu]	0.9145E-01	0.9145E-01	0.9145E-01	0.9148E-01	0.9088E-01
TWh Generated	14.99	14.99	14.99	14.71	14.20
TWh Generated Qualifying	-0.1499E+05	-0.1499E+05	-0.1499E+05	-0.1471E+05	-0.1420E+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: Maryland Healthy Air Act - SO2 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]	48.60	37.20	37.20	37.20	37.20
-Emissions at Affected Plants [MTons]	48.60	37.20	37.20	36.22	26.09
-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	36.22	26.09
TBTu Consumed	356.5	356.5	355.8	353.0	345.1
Rate - [lb/MMBtu]	0.2726	0.2087	0.2091	0.2052	0.1512
TWh Generated	34.47	34.47	34.41	34.13	33.41
TWh Generated Qualifying	-0.3447E+05	-0.3447E+05	-0.3441E+05	-0.3413E+05	-0.3341E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	296.9	467.5	328.0	0.000	0.000



Constraint Name: Mass. Plant Level Brayton 1-3 - CO2 Cap Annual      Constraint #: 235  
 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]	8024.	5976.	5976.	5244.	4586.
-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]	8024.	5976.	5976.	5244.	4586.
TBtu Consumed	83.88	77.00	77.00	67.45	58.91
Rate - [lb/MMBtu]	191.3	155.2	155.2	155.5	155.7
TWh Generated	9.025	8.269	8.268	7.215	6.301
TWh Generated Qualifying	-9025.	-8269.	-8268.	-7215.	-6301.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	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 #: 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]	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 #: 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]	7596.	7596.	7596.	7596.	7596.
-Emissions at Affected Plants [MTons]	4413.	4337.	3762.	1922.	958.9
-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]	4413.	4337.	3762.	1922.	958.9
TBtu Consumed	75.39	74.08	64.26	32.83	16.38
Rate - [lb/MMBtu]	117.1	117.1	117.1	117.1	117.1
TWh Generated	10.36	10.18	8.834	4.514	2.252
TWh Generated Qualifying	-0.1036E+05	-0.1018E+05	-8834.	-4514.	-2252.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	4286.	4286.	4286.	4286.	4286.
-Emissions at Affected Plants [MTons]	3224.	1328.	1302.	284.8	234.7
-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]	3224.	1328.	1302.	284.8	234.7
TBTu Consumed	38.07	17.58	17.22	4.865	4.010
Rate - [lb/MMBtu]	169.3	151.1	151.2	117.1	117.1
TWh Generated	3.665	2.026	1.991	0.7488	0.6175
TWh Generated Qualifying	-3665.	-2026.	-1991.	-748.8	-617.5
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 #: 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]	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 #: 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 - [Lb]	146.6	146.6	146.6	146.6	146.6
-Emissions at Affected Plants [Lb]	12.69	3.237	3.237	2.992	2.012
-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]	12.69	3.237	3.237	2.992	2.012
TBtu Consumed	19.34	14.42	14.42	13.33	9.141
Rate - [lb/MMBtu]	0.6558E-06	0.2244E-06	0.2245E-06	0.2245E-06	0.2201E-06
TWh Generated	2.053	1.519	1.519	1.404	0.9674
TWh Generated Qualifying	-2053.	-1519.	-1519.	-1404.	-967.4
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 #: 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 - [Lb]	146.6	146.6	146.6	146.6	146.6
-Emissions at Affected Plants [Lb]	12.55	3.845	3.845	3.359	3.105
-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]	12.55	3.845	3.845	3.359	3.105
TBtu Consumed	18.89	16.93	16.93	14.79	13.67
Rate - [lb/MMBtu]	0.6644E-06	0.2271E-06	0.2271E-06	0.2271E-06	0.2271E-06
TWh Generated	2.019	1.797	1.797	1.570	1.451
TWh Generated Qualifying	-2019.	-1797.	-1797.	-1570.	-1451.
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 #: 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]	32.04	10.68	10.68	9.328	8.617
-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]	32.04	10.68	10.68	9.328	8.617
TBtu Consumed	45.64	45.64	45.64	39.32	36.09
Rate - [lb/MMBtu]	0.7019E-06	0.2340E-06	0.2340E-06	0.2372E-06	0.2387E-06
TWh Generated	4.953	4.953	4.953	4.242	3.883
TWh Generated Qualifying	-4953.	-4953.	-4953.	-4242.	-3883.
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 #: 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]	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 #: 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]	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 #: 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]	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 #: 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]	4.172	0.2388	0.1661	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]	4.172	0.2388	0.1661	0.000	0.000
TBtu Consumed	6.972	1.168	0.8150	0.7426E-02	0.000
Rate - [lb/MMBtu]	0.5983E-06	0.2045E-06	0.2037E-06	0.000	0.000
TWh Generated	0.7126	0.1190	0.8305E-01	0.8669E-03	0.000
TWh Generated Qualifying	-712.6	-119.0	-83.05	-0.8669	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 #: 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]	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 #: 249  
 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 #: 250  
 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 #: 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 (BAF) 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 (BQL) 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]	681.9	681.9	681.9	422.2	102.2
-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	681.9	422.2	102.2
TBtu Consumed	11.65	11.65	11.65	7.213	1.746
Rate - [lb/MMBtu]	117.1	117.1	117.1	117.1	117.1
TWh Generated	1.601	1.601	1.601	0.9916	0.2400
TWh Generated Qualifying	-1601.	-1601.	-1601.	-991.5	-240.0
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 #: 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]	681.9	681.9	585.7	187.9	187.9
-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]	681.9	681.9	585.7	187.9	187.9
TBtu Consumed	11.65	11.65	10.01	3.209	3.209
Rate - [lb/MMBtu]	117.1	117.1	117.1	117.1	117.1
TWh Generated	1.601	1.601	1.376	0.4412	0.4412
TWh Generated Qualifying	-1601.	-1601.	-1375.	-441.2	-441.2
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 #: 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]	704.0	627.3	627.3	197.6	105.5
-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	197.6	105.5
TBtu Consumed	12.03	10.72	10.72	3.376	1.802
Rate - [lb/MMBtu]	117.1	117.1	117.1	117.1	117.1
TWh Generated	1.653	1.473	1.473	0.4641	0.2478
TWh Generated Qualifying	-1653.	-1473.	-1473.	-464.0	-247.8
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 #: 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]	704.0	704.0	627.3	343.8	74.85
-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	627.3	343.8	74.85
TBtu Consumed	12.03	12.03	10.72	5.873	1.279
Rate - [lb/MMBtu]	117.1	117.1	117.1	117.1	117.1
TWh Generated	1.653	1.653	1.473	0.8074	0.1758
TWh Generated Qualifying	-1653.	-1653.	-1473.	-807.4	-175.8
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 #: 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]	808.2	808.2	606.1	363.6	363.6
-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]	808.2	808.2	606.1	363.6	363.6
TBtu Consumed	13.81	13.81	10.35	6.211	6.211
Rate - [lb/MMBtu]	117.1	117.1	117.1	117.1	117.1
TWh Generated	1.898	1.898	1.423	0.8538	0.8538
TWh Generated Qualifying	-1898.	-1898.	-1423.	-853.8	-853.8
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 #: 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]	833.4	833.4	633.6	407.0	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	633.6	407.0	124.9
TBtu Consumed	14.24	14.24	10.82	6.953	2.134
Rate - [lb/MMBtu]	117.1	117.1	117.1	117.1	117.1
TWh Generated	1.957	1.957	1.488	0.9559	0.2934
TWh Generated Qualifying	-1957.	-1957.	-1488.	-955.9	-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 #: 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]	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]	124.0	17.28	10.86	15.06	14.59

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (CPT) 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]	1762.	1098.	1097.	1014.	692.4
-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]	1762.	1098.	1097.	1014.	692.4
TBtu Consumed	19.34	14.42	14.42	13.33	9.141
Rate - [lb/MMBtu]	182.1	152.2	152.2	152.2	151.5
TWh Generated	2.053	1.519	1.519	1.404	0.9674
TWh Generated Qualifying	-2053.	-1519.	-1519.	-1404.	-967.4
Constraint Shadow Price [US\$/Ton]	56.90	0.000	0.2237	2.851	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (CPU) 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]	1805.	1304.	1304.	1139.	1053.
-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]	1805.	1304.	1304.	1139.	1053.
TBtu Consumed	18.89	16.93	16.93	14.79	13.67
Rate - [lb/MMBtu]	191.1	154.0	154.0	154.0	154.0
TWh Generated	2.019	1.797	1.797	1.570	1.451
TWh Generated Qualifying	-2019.	-1797.	-1797.	-1570.	-1451.
Constraint Shadow Price [US\$/Ton]	65.29	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (DJK) 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]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (DJL) 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]	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 #: 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]	2658.	1243.	1243.	284.4	234.7
-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.	1243.	1243.	284.4	234.7
TBtu Consumed	31.10	16.41	16.41	4.857	4.010
Rate - [lb/MMBtu]	170.9	151.5	151.5	117.1	117.1
TWh Generated	2.953	1.908	1.908	0.7480	0.6175
TWh Generated Qualifying	-2953.	-1907.	-1907.	-748.0	-617.5
Constraint Shadow Price [US\$/Ton]	1.635	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (DJU) 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 (DOR) 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]	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 #: 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]	81.93	10.44	10.86	57.63	73.17

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (EIK) 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]	4457.	3575.	3575.	3090.	2841.
-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]	4457.	3575.	3575.	3090.	2841.
TBtu Consumed	45.64	45.64	45.64	39.32	36.09
Rate - [lb/MMBtu]	195.3	156.6	156.6	157.2	157.4
TWh Generated	4.953	4.953	4.953	4.242	3.883
TWh Generated Qualifying	-4953.	-4953.	-4953.	-4242.	-3883.
Constraint Shadow Price [US\$/Ton]	32.62	0.000	0.000	0.000	6.358

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (EOH) 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]	129.9	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (EOI) 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]	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]	129.9	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - CO2 Output Annual (EOJ) 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]	566.3	84.88	59.17	0.4347	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]	566.3	84.88	59.17	0.4347	0.000
TBtu Consumed	6.972	1.168	0.8150	0.7426E-02	0.000
Rate - [lb/MMBtu]	162.4	145.3	145.2	117.1	0.000
TWh Generated	0.7126	0.1190	0.8305E-01	0.8669E-03	0.000
TWh Generated Qualifying	-712.6	-119.0	-83.05	-0.8669	0.000
Constraint Shadow Price [US\$/Ton]	128.5	7.433	0.000	0.000	9.302

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (AZB) 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]	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 #: 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]	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 #: 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 (BAF) 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 (BQL) 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]	0.1631E-02	0.1631E-02	0.1631E-02	0.1010E-02	0.2444E-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	0.1631E-02	0.1010E-02	0.2444E-03
TBtu Consumed	11.65	11.65	11.65	7.213	1.746
Rate - [lb/MMBtu]	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09
TWh Generated	1.601	1.601	1.601	0.9916	0.2400
TWh Generated Qualifying	-1601.	-1601.	-1601.	-991.5	-240.0
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 #: 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]	0.1631E-02	0.1631E-02	0.1401E-02	0.4493E-03	0.4493E-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	0.1401E-02	0.4493E-03	0.4493E-03
TBtu Consumed	11.65	11.65	10.01	3.209	3.209
Rate - [lb/MMBtu]	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09
TWh Generated	1.601	1.601	1.376	0.4412	0.4412
TWh Generated Qualifying	-1601.	-1601.	-1375.	-441.2	-441.2
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 #: 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]	0.1684E-02	0.1500E-02	0.1500E-02	0.4726E-03	0.2523E-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	0.4726E-03	0.2523E-03
TBtu Consumed	12.03	10.72	10.72	3.376	1.802
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	0.4641	0.2478
TWh Generated Qualifying	-1653.	-1473.	-1473.	-464.0	-247.8
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 #: 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]	0.1684E-02	0.1684E-02	0.1500E-02	0.8223E-03	0.1790E-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	0.1500E-02	0.8223E-03	0.1790E-03
TBtu Consumed	12.03	12.03	10.72	5.873	1.279
Rate - [lb/MMBtu]	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09
TWh Generated	1.653	1.653	1.473	0.8074	0.1758
TWh Generated Qualifying	-1653.	-1653.	-1473.	-807.4	-175.8
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 #: 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]	0.1933E-02	0.1933E-02	0.1450E-02	0.8695E-03	0.8695E-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	0.1450E-02	0.8695E-03	0.8695E-03
TBtu Consumed	13.81	13.81	10.35	6.211	6.211
Rate - [lb/MMBtu]	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09	0.1400E-09
TWh Generated	1.898	1.898	1.423	0.8538	0.8538
TWh Generated Qualifying	-1898.	-1898.	-1423.	-853.8	-853.8
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 #: 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]	0.1993E-02	0.1993E-02	0.1515E-02	0.9734E-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	0.1515E-02	0.9734E-03	0.2987E-03
TBtu Consumed	14.24	14.24	10.82	6.953	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	1.488	0.9559	0.2934
TWh Generated Qualifying	-1957.	-1957.	-1488.	-955.9	-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 #: 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]	0.000	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]	0.3072E+07	0.6315E+08	0.6853E+08	0.6262E+08	0.6481E+08



Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (CPT) 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]	12.69	3.237	3.237	2.992	2.012
-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]	12.69	3.237	3.237	2.992	2.012
TBtu Consumed	19.34	14.42	14.42	13.33	9.141
Rate - [lb/MMBtu]	0.6558E-06	0.2244E-06	0.2245E-06	0.2245E-06	0.2201E-06
TWh Generated	2.053	1.519	1.519	1.404	0.9674
TWh Generated Qualifying	-2053.	-1519.	-1519.	-1404.	-967.4
Constraint Shadow Price [US\$/Lb]	0.1768E+06	0.6826E+08	0.6868E+08	0.6793E+08	0.6743E+08

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (CPU) 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]	12.55	3.845	3.845	3.359	3.105
-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]	12.55	3.845	3.845	3.359	3.105
TBtu Consumed	18.89	16.93	16.93	14.79	13.67
Rate - [lb/MMBtu]	0.6644E-06	0.2271E-06	0.2271E-06	0.2271E-06	0.2271E-06
TWh Generated	2.019	1.797	1.797	1.570	1.451
TWh Generated Qualifying	-2019.	-1797.	-1797.	-1570.	-1451.
Constraint Shadow Price [US\$/Lb]	0.2721E+06	0.6788E+08	0.6744E+08	0.6820E+08	0.6773E+08

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (DJK) 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]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (DJL) 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]	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 #: 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]	14.14	4.769	4.769	0.6800E-03	0.5614E-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	4.769	4.769	0.6800E-03	0.5614E-03
TBtu Consumed	31.10	16.41	16.41	4.857	4.010
Rate - [lb/MMBtu]	0.4545E-06	0.2906E-06	0.2906E-06	0.1400E-09	0.1400E-09
TWh Generated	2.953	1.908	1.908	0.7480	0.6175
TWh Generated Qualifying	-2953.	-1907.	-1907.	-748.0	-617.5
Constraint Shadow Price [US\$/Lb]	0.000	0.2263E+07	0.8663E+06	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (DJU) 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 (DOR) 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]	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 #: 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]	0.3033E+07	0.3338E+08	0.2095E+08	0.000	0.000



Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (EIK) 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]	32.04	10.68	10.68	9.328	8.617
-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]	32.04	10.68	10.68	9.328	8.617
TBtu Consumed	45.64	45.64	45.64	39.32	36.09
Rate - [lb/MMBtu]	0.7019E-06	0.2340E-06	0.2340E-06	0.2372E-06	0.2387E-06
TWh Generated	4.953	4.953	4.953	4.242	3.883
TWh Generated Qualifying	-4953.	-4953.	-4953.	-4242.	-3883.
Constraint Shadow Price [US\$/Lb]	0.1902E+06	0.7170E+08	0.7148E+08	0.7145E+08	0.6940E+08

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (EOH) 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]	0.4652E+07	0.2708E+08	0.7346E+08	0.3923E+08	0.7269E+08

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (EOI) 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]	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]	0.2299E+07	0.7009E+08	0.7475E+08	0.7589E+08	0.7392E+08

Constraint Name: Massachusetts Fac. Spec. - MER Output Annual (EOJ) 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]	4.172	0.2388	0.1661	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]	4.172	0.2388	0.1661	0.000	0.000
TBtu Consumed	6.972	1.168	0.8150	0.7426E-02	0.000
Rate - [lb/MMBtu]	0.5983E-06	0.2045E-06	0.2037E-06	0.000	0.000
TWh Generated	0.7126	0.1190	0.8305E-01	0.8669E-03	0.000
TWh Generated Qualifying	-712.6	-119.0	-83.05	-0.8669	0.000
Constraint Shadow Price [US\$/Lb]	0.2906E+07	0.6826E+08	0.6841E+08	0.6836E+08	0.6608E+08

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (AZB) 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]	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 #: 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]	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 #: 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 (BAF) 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 (BQL) 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]	0.4077E-01	0.4077E-01	0.4077E-01	0.2524E-01	0.6111E-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	0.4077E-01	0.2524E-01	0.6111E-02
TBtu Consumed	11.65	11.65	11.65	7.213	1.746
Rate - [lb/MMBtu]	0.7000E-02	0.7000E-02	0.7000E-02	0.7000E-02	0.7000E-02
TWh Generated	1.601	1.601	1.601	0.9916	0.2400
TWh Generated Qualifying	-1601.	-1601.	-1601.	-991.5	-240.0
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 #: 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]	0.4077E-01	0.4077E-01	0.3502E-01	0.1123E-01	0.1123E-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	0.4077E-01	0.3502E-01	0.1123E-01	0.1123E-01
TBtu Consumed	11.65	11.65	10.01	3.209	3.209
Rate - [lb/MMBtu]	0.7000E-02	0.7000E-02	0.7000E-02	0.7000E-02	0.7000E-02
TWh Generated	1.601	1.601	1.376	0.4412	0.4412
TWh Generated Qualifying	-1601.	-1601.	-1375.	-441.2	-441.2
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 #: 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]	0.4810E-01	0.4286E-01	0.4286E-01	0.1350E-01	0.7210E-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]	0.4810E-01	0.4286E-01	0.4286E-01	0.1350E-01	0.7210E-02
TBtu Consumed	12.03	10.72	10.72	3.376	1.802
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	0.4641	0.2478
TWh Generated Qualifying	-1653.	-1473.	-1473.	-464.0	-247.8
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 #: 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]	0.4810E-01	0.4810E-01	0.4286E-01	0.2349E-01	0.5114E-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]	0.4810E-01	0.4810E-01	0.4286E-01	0.2349E-01	0.5114E-02
TBtu Consumed	12.03	12.03	10.72	5.873	1.279
Rate - [lb/MMBtu]	0.8000E-02	0.8000E-02	0.8000E-02	0.8000E-02	0.8000E-02
TWh Generated	1.653	1.653	1.473	0.8074	0.1758
TWh Generated Qualifying	-1653.	-1653.	-1473.	-807.4	-175.8
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 #: 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]	0.4832E-01	0.4832E-01	0.3624E-01	0.2174E-01	0.2174E-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]	0.4832E-01	0.4832E-01	0.3624E-01	0.2174E-01	0.2174E-01
TBtu Consumed	13.81	13.81	10.35	6.211	6.211
Rate - [lb/MMBtu]	0.7000E-02	0.7000E-02	0.7000E-02	0.7000E-02	0.7000E-02
TWh Generated	1.898	1.898	1.423	0.8538	0.8538
TWh Generated Qualifying	-1898.	-1898.	-1423.	-853.8	-853.8
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 #: 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]	0.5695E-01	0.5695E-01	0.4329E-01	0.2781E-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	0.4329E-01	0.2781E-01	0.8535E-02
TBtu Consumed	14.24	14.24	10.82	6.953	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	1.488	0.9559	0.2934
TWh Generated Qualifying	-1957.	-1957.	-1488.	-955.9	-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 #: 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]	0.000	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	406.5

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (CPT) 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]	1.540	1.110	1.110	1.037	0.7256
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.540	1.110	1.110	1.037	0.7256
TBtu Consumed	19.34	14.42	14.42	13.33	9.141
Rate - [lb/MMBtu]	0.1592	0.1540	0.1540	0.1556	0.1588
TWh Generated	2.053	1.519	1.519	1.404	0.9674
TWh Generated Qualifying	-2053.	-1519.	-1519.	-1404.	-967.4
Constraint Shadow Price [US\$/Ton]	0.1110E+05	0.000	0.000	0.000	556.0



Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (CPU) 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]	1.514	1.348	1.348	1.177	1.088
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.514	1.348	1.348	1.177	1.088
TBtu Consumed	18.89	16.93	16.93	14.79	13.67
Rate - [lb/MMBtu]	0.1603	0.1592	0.1592	0.1592	0.1592
TWh Generated	2.019	1.797	1.797	1.570	1.451
TWh Generated Qualifying	-2019.	-1797.	-1797.	-1570.	-1451.
Constraint Shadow Price [US\$/Ton]	4498.	39.74	2860.	4588.	3826.

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (DJK) 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]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (DJL) 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]	0.000	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 #: 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]	2.215	0.7793	0.7863	0.2672E-01	0.2206E-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]	2.215	0.7793	0.7863	0.2672E-01	0.2206E-01
TBtu Consumed	31.10	16.41	16.41	4.857	4.010
Rate - [lb/MMBtu]	0.1424	0.9499E-01	0.9583E-01	0.1100E-01	0.1100E-01
TWh Generated	2.953	1.908	1.908	0.7480	0.6175
TWh Generated Qualifying	-2953.	-1907.	-1907.	-748.0	-617.5
Constraint Shadow Price [US\$/Ton]	3444.	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (DJU) 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 (DOR) 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]	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 #: 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 (EIK) 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]	3.614	3.614	3.614	3.154	2.912
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	3.614	3.614	3.614	3.154	2.912
TBtu Consumed	45.64	45.64	45.64	39.32	36.09
Rate - [lb/MMBtu]	0.1584	0.1584	0.1584	0.1604	0.1614
TWh Generated	4.953	4.953	4.953	4.242	3.883
TWh Generated Qualifying	-4953.	-4953.	-4953.	-4242.	-3883.
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	0.000	2639.



Constraint Name: Massachusetts Fac. Spec. - NOX Output Annual (EOH) 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 (EOI) 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]	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 #: 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]	0.4016	0.6882E-01	0.4786E-01	0.4084E-04	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]	0.4016	0.6882E-01	0.4786E-01	0.4084E-04	0.000
TBtu Consumed	6.972	1.168	0.8150	0.7426E-02	0.000
Rate - [lb/MMBtu]	0.1152	0.1178	0.1175	0.1100E-01	0.000
TWh Generated	0.7126	0.1190	0.8305E-01	0.8669E-03	0.000
TWh Generated Qualifying	-712.6	-119.0	-83.05	-0.8669	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 #: 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]	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 #: 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]	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 #: 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 (BAF) 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 (BQL) 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	11.65	11.65	11.65	7.213	1.746
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.601	1.601	1.601	0.9916	0.2400
TWh Generated Qualifying	-1601.	-1601.	-1601.	-991.5	-240.0
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 #: 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	11.65	11.65	10.01	3.209	3.209
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.601	1.601	1.376	0.4412	0.4412
TWh Generated Qualifying	-1601.	-1601.	-1375.	-441.2	-441.2
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 #: 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	12.03	10.72	10.72	3.376	1.802
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.653	1.473	1.473	0.4641	0.2478
TWh Generated Qualifying	-1653.	-1473.	-1473.	-464.0	-247.8
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 #: 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	12.03	12.03	10.72	5.873	1.279
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.653	1.653	1.473	0.8074	0.1758
TWh Generated Qualifying	-1653.	-1653.	-1473.	-807.4	-175.8
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 #: 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	13.81	13.81	10.35	6.211	6.211
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.898	1.898	1.423	0.8538	0.8538
TWh Generated Qualifying	-1898.	-1898.	-1423.	-853.8	-853.8
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 #: 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	14.24	14.24	10.82	6.953	2.134
Rate - [lb/MMBtu]	0.000	0.000	0.000	0.000	0.000
TWh Generated	1.957	1.957	1.488	0.9559	0.2934
TWh Generated Qualifying	-1957.	-1957.	-1488.	-955.9	-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 #: 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	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]	5871.	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (CPT) 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]	2.537	0.9560	0.9560	0.8837	0.5941
-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]	2.537	0.9560	0.9560	0.8837	0.5941
TBtu Consumed	19.34	14.42	14.42	13.33	9.141
Rate - [lb/MMBtu]	0.2623	0.1326	0.1326	0.1326	0.1300
TWh Generated	2.053	1.519	1.519	1.404	0.9674
TWh Generated Qualifying	-2053.	-1519.	-1519.	-1404.	-967.4
Constraint Shadow Price [US\$/Ton]	3396.	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (CPU) 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]	2.510	1.125	1.125	0.9823	0.9080
-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]	2.510	1.125	1.125	0.9823	0.9080
TBtu Consumed	18.89	16.93	16.93	14.79	13.67
Rate - [lb/MMBtu]	0.2657	0.1328	0.1328	0.1328	0.1328
TWh Generated	2.019	1.797	1.797	1.570	1.451
TWh Generated Qualifying	-2019.	-1797.	-1797.	-1570.	-1451.
Constraint Shadow Price [US\$/Ton]	1189.	0.000	0.000	0.000	0.000



Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (DJK) 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]	0.000	0.000	0.000	0.000	0.000

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (DJL) 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]	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 #: 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]	1.914	0.6457	0.6457	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	0.6457	0.6457	0.000	0.000
TBtu Consumed	31.10	16.41	16.41	4.857	4.010
Rate - [lb/MMBtu]	0.1231	0.7869E-01	0.7869E-01	0.000	0.000
TWh Generated	2.953	1.908	1.908	0.7480	0.6175
TWh Generated Qualifying	-2953.	-1907.	-1907.	-748.0	-617.5
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 #: 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 (DOR) 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]	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]	0.1171E+05	7251.	6087.	3012.	1118.

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (DWW) 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]	3639.	0.000	0.000	3540.	43.71

Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (EIK) 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]	3.291	0.9935	0.9935	0.8678	0.8016
-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]	3.291	0.9935	0.9935	0.8678	0.8016
TBtu Consumed	45.64	45.64	45.64	39.32	36.09
Rate - [lb/MMBtu]	0.1442	0.4353E-01	0.4353E-01	0.4414E-01	0.4442E-01
TWh Generated	4.953	4.953	4.953	4.242	3.883
TWh Generated Qualifying	-4953.	-4953.	-4953.	-4242.	-3883.
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 #: 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]	0.000	0.000	0.000	65.75	0.000



Constraint Name: Massachusetts Fac. Spec. - SO2 Output Annual (EOI) 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]	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 #: 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]	0.1453	0.2203E-01	0.1531E-01	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]	0.1453	0.2203E-01	0.1531E-01	0.000	0.000
TBtu Consumed	6.972	1.168	0.8150	0.7426E-02	0.000
Rate - [lb/MMBtu]	0.4168E-01	0.3771E-01	0.3758E-01	0.000	0.000
TWh Generated	0.7126	0.1190	0.8305E-01	0.8669E-03	0.000
TWh Generated Qualifying	-712.6	-119.0	-83.05	-0.8669	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.000	0.000	241.3	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

Constraint #: 341

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]	20.24	20.58	20.58	20.33	19.33
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	10.18	10.18	9.973	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	20.24	30.76	30.76	30.30	19.33
TBtu Consumed	335.2	341.8	341.8	336.7	321.5
Rate - [lb/MMBtu]	0.1208	0.1204	0.1204	0.1208	0.1203
TWh Generated	31.75	32.36	32.36	31.88	30.44
TWh Generated Qualifying	-0.3174E+05	-0.3236E+05	-0.3236E+05	-0.3188E+05	-0.3044E+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 #: 342

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]	17.14	9.746	9.764	9.780	9.764
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	12.56	12.59	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	17.14	9.746	22.32	22.37	9.764
TBtu Consumed	172.3	181.3	178.6	179.0	178.6
Rate - [lb/MMBtu]	0.1990	0.1075	0.1094	0.1093	0.1094
TWh Generated	17.11	18.04	17.58	17.62	17.58
TWh Generated Qualifying	-0.1711E+05	-0.1804E+05	-0.1758E+05	-0.1762E+05	-0.1758E+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 .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

Constraint #: 343

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]	36.44	37.00	34.88	34.30	32.14
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	23.39	25.01	24.98	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	36.44	60.39	59.89	59.28	32.14
TBtu Consumed	334.3	345.1	342.2	338.7	321.1
Rate - [lb/MMBtu]	0.2180	0.2144	0.2038	0.2025	0.2002
TWh Generated	32.01	33.01	32.80	32.56	31.05
TWh Generated Qualifying	-0.3201E+05	-0.3301E+05	-0.3280E+05	-0.3256E+05	-0.3105E+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: MN State Reg Silver Lake 4 - NOX Rate Annual      Constraint #: 344  
 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	0.3968	0.3968	0.3968	0.3968
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.3968	0.3968	0.3968	0.3968
TBtu Consumed	0.000	5.290	5.290	5.290	5.290
Rate - [lb/MMBtu]	0.000	0.1500	0.1500	0.1500	0.1500
TWh Generated	0.000	0.4888	0.4888	0.4888	0.4888
TWh Generated Qualifying	0.000	-488.8	-488.8	-488.8	-488.8
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.6926E+05	0.3098E+05	0.2263E+05	0.1022E+05	1481.

Constraint Name: NC State Reg Cape Fear 5,6 - SO2 Rate Annual (AO1) Constraint #: 345  
 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	0.5293	0.5046	0.5046	0.5046
-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	0.5293	0.5046	0.5046	0.5046
TBtu Consumed	0.000	10.59	10.09	10.09	10.09
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
TWh Generated	0.000	1.061	1.011	1.011	1.011
TWh Generated Qualifying	0.000	-1061.	-1011.	-1011.	-1011.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	0.1265E+05	5208.	2945.	63.95

Constraint Name: NC State Reg Cape Fear 5,6 - SO2 Rate Annual (AQ2) Constraint #: 346  
 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	0.6699	0.6699	0.6699	0.6556
-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	0.6699	0.6699	0.6699	0.6556
TBtu Consumed	0.000	13.40	13.40	13.40	13.11
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
TWh Generated	0.000	1.278	1.278	1.278	1.250
TWh Generated Qualifying	0.000	-1278.	-1278.	-1278.	-1250.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	2368.	1995.	509.9	24.58



Constraint Name: NC State Reg L V Sutton 3 - SO2 Rate Annual      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	1.553	1.121	1.164	1.059
-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	1.553	1.121	1.164	1.059
TBtu Consumed	0.000	31.07	31.15	29.43	29.43
Rate - [lb/MMBtu]	0.000	0.1000	0.7200E-01	0.7910E-01	0.7200E-01
TWh Generated	0.000	2.957	2.962	2.798	2.798
TWh Generated Qualifying	0.000	-2957.	-2962.	-2798.	-2798.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	178.7	0.000	0.000	0.000

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 #: 348

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]	4493.	4457.	4491.	4417.	4173.
-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]	4493.	4457.	4491.	4417.	4173.
TBtu Consumed	46.67	43.80	44.16	43.26	40.84
Rate - [lb/MMBtu]	192.5	203.5	203.4	204.2	204.3
TWh Generated	4.092	3.870	3.896	3.825	3.613
TWh Generated Qualifying	-4092.	-3870.	-3896.	-3825.	-3613.
Rate - [lb/MWh]	0.000	0.000	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 #: 349

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]	2.345	1.985	2.023	1.939	1.816
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	1.655	1.617	1.701	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	2.345	3.640	3.640	3.640	1.816
TBtu Consumed	46.67	43.80	44.16	43.26	40.84
Rate - [lb/MMBtu]	0.1005	0.9064E-01	0.9160E-01	0.8966E-01	0.8893E-01
TWh Generated	4.092	3.870	3.896	3.825	3.613
TWh Generated Qualifying	-4092.	-3870.	-3896.	-3825.	-3613.
Rate - [lb/MWh]	0.000	0.000	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 #: 350

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	7.290	7.290	7.090	6.682
-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]	7.290	7.290	7.290	7.090	6.682
TBtu Consumed	46.67	43.80	44.16	43.26	40.84
Rate - [lb/MMBtu]	0.3124	0.3328	0.3301	0.3278	0.3273
TWh Generated	4.092	3.870	3.896	3.825	3.613
TWh Generated Qualifying	-4092.	-3870.	-3896.	-3825.	-3613.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	1370.	1321.	327.3	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 #: 351

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]	1.168	1.320	1.495	1.316	1.444
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	1.580	1.405	1.584	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.168	2.900	2.900	2.900	1.444
TBtu Consumed	51.20	57.63	55.22	35.14	40.01
Rate - [lb/MMBtu]	0.4561E-01	0.4582E-01	0.5416E-01	0.7490E-01	0.7216E-01
TWh Generated	6.056	6.817	6.322	3.609	4.221
TWh Generated Qualifying	-6056.	-0.1219E+05	-0.1737E+05	-0.1465E+05	-0.2041E+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 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 #: 352

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]	100.1	97.94	102.0	97.69	82.45
-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]	100.1	97.94	102.0	97.69	82.45
TBtu Consumed	165.7	163.3	163.3	157.0	149.6
Rate - [lb/MMBtu]	0.6039E-06	0.5996E-06	0.6245E-06	0.6224E-06	0.5511E-06
TWh Generated	15.40	15.18	15.18	14.58	13.92
TWh Generated Qualifying	-0.1540E+05	-0.1518E+05	-0.1518E+05	-0.1458E+05	-0.1392E+05
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 #: 353

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]	19.49	14.25	12.95	12.11	11.84
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	25.66	26.96	27.80	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	19.49	39.91	39.91	39.91	11.84
TBtu Consumed	399.4	374.0	371.7	308.4	327.4
Rate - [lb/MMBtu]	0.9757E-01	0.7619E-01	0.6968E-01	0.7854E-01	0.7230E-01
TWh Generated	44.65	42.02	44.69	36.13	41.13
TWh Generated Qualifying	-0.4465E+05	-0.4202E+05	-0.4469E+05	-0.3613E+05	-0.4113E+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 #: 354

Run Year, Seasons Included: 2010 WINTER SUMMER  
Run Year, Seasons Included: 2015 WINTER SUMMER  
Run Year, Seasons Included: 2020 WINTER SUMMER  
Run Year, Seasons Included: 2025 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]	131.4	98.65	77.01	71.45	49.18
-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	54.35	59.91	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	131.4	98.65	131.4	131.4	49.18
TBtu Consumed	734.9	685.7	685.4	587.2	596.8
Rate - [lb/MMBtu]	0.3575	0.2877	0.2247	0.2433	0.1648
TWh Generated	81.64	75.91	81.24	67.61	74.14
TWh Generated Qualifying	-0.8164E+05	-0.7591E+05	-0.8124E+05	-0.6761E+05	-0.7414E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	128.2	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 #: 355

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]	31.00	31.00	28.32	22.44	19.45
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	31.00	31.00	28.32	22.44	19.45
TBtu Consumed	505.8	506.7	493.6	462.5	454.5
Rate - [lb/MMBtu]	0.1226	0.1224	0.1148	0.9702E-01	0.8560E-01
TWh Generated	51.83	51.93	50.71	48.25	47.47
TWh Generated Qualifying	-0.5182E+05	-0.5193E+05	-0.5071E+05	-0.4825E+05	-0.4746E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	1521.	486.3	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 #: 356

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]	80.19	68.47	62.78	42.77	41.87
-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]	80.19	68.47	62.78	42.77	41.87
TBtu Consumed	505.8	506.7	493.6	462.5	454.5
Rate - [lb/MMBtu]	0.3171	0.2702	0.2544	0.1849	0.1843
TWh Generated	51.83	51.93	50.71	48.25	47.47
TWh Generated Qualifying	-0.5182E+05	-0.5193E+05	-0.5071E+05	-0.4825E+05	-0.4746E+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 #: 357

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	23.32	17.12	16.61	12.68
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	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	23.32	17.12	16.61	12.68
TBtu Consumed	390.1	390.0	371.0	367.1	339.7
Rate - [lb/MMBtu]	0.1282	0.1196	0.9231E-01	0.9051E-01	0.7468E-01
TWh Generated	37.32	37.24	35.60	35.22	32.72
TWh Generated Qualifying	-0.3732E+05	-0.3724E+05	-0.3560E+05	-0.3522E+05	-0.3272E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	95.45	0.000	0.000	0.000	0.000

Constraint Name: North Carolina Progress - SO2 Cap Annual

Constraint #: 358

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]	88.68	46.04	38.39	26.33	20.00
-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]	88.68	46.04	38.39	26.33	20.00
TBtu Consumed	390.1	390.0	371.0	367.1	339.7
Rate - [lb/MMBtu]	0.4546	0.2361	0.2069	0.1434	0.1177
TWh Generated	37.32	37.24	35.60	35.22	32.72
TWh Generated Qualifying	-0.3732E+05	-0.3724E+05	-0.3560E+05	-0.3522E+05	-0.3272E+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: NSR Dominion Consent Decree - 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]	63.00	30.25	30.25	30.25	30.25
-Emissions at Affected Plants [MTons]	44.34	27.19	25.71	23.72	22.26
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	44.34	27.19	25.71	23.72	22.26
TBtu Consumed	377.8	372.6	363.8	348.6	341.4
Rate - [lb/MMBtu]	0.2347	0.1460	0.1413	0.1361	0.1304
TWh Generated	38.07	37.57	36.62	34.84	34.23
TWh Generated Qualifying	-0.3807E+05	-0.3757E+05	-0.3662E+05	-0.3484E+05	-0.3423E+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: NSR Dominion Consent Decree - NOX Rate Annual      Constraint #: 360  
 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	27.19	25.71	23.72	22.26
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	27.19	25.71	23.72	22.26
TBtu Consumed	0.000	372.6	363.8	348.6	341.4
Rate - [lb/MMBtu]	0.000	0.1460	0.1413	0.1361	0.1304
TWh Generated	0.000	37.57	36.62	34.84	34.23
TWh Generated Qualifying	0.000	-0.3757E+05	-0.3662E+05	-0.3484E+05	-0.3423E+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: NSR Illinois Power Settlement - 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]	13.80	13.80	13.80	13.80	13.80
-Emissions at Affected Plants [MTons]	9.771	11.27	11.24	10.92	10.57
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	9.771	11.27	11.24	10.92	10.57
TBtu Consumed	213.8	246.9	246.9	241.4	236.9
Rate - [lb/MMBtu]	0.9140E-01	0.9125E-01	0.9108E-01	0.9045E-01	0.8927E-01
TWh Generated	20.66	23.50	23.51	23.00	22.58
TWh Generated Qualifying	-0.2066E+05	-0.2350E+05	-0.2350E+05	-0.2300E+05	-0.2258E+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: NSR Illinois Power Settlement - SO2 Cap Summer      Constraint #: 362  
 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	28.89	28.89	28.12	26.29
-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	28.89	28.89	28.12	26.29
TBtu Consumed	213.8	246.9	246.9	241.4	236.9
Rate - [lb/MMBtu]	0.5800	0.2340	0.2340	0.2329	0.2219
TWh Generated	20.66	23.50	23.51	23.00	22.58
TWh Generated Qualifying	-0.2066E+05	-0.2350E+05	-0.2350E+05	-0.2300E+05	-0.2258E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	1091.	0.000	0.000	0.000	0.000



Constraint Name: NSR Minnkota Power Settlement - SO2 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]	31.00	8.500	8.500	8.500	8.500
-Emissions at Affected Plants [MTons]	9.829	1.901	1.901	1.901	1.901
-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	1.901	1.901	1.901	1.901
TBtu Consumed	59.43	59.43	59.43	59.43	59.43
Rate - [lb/MMBtu]	0.3308	0.6396E-01	0.6396E-01	0.6396E-01	0.6396E-01
TWh Generated	5.214	5.183	5.183	5.183	5.183
TWh Generated Qualifying	-5214.	-5183.	-5183.	-5183.	-5183.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	16.00	16.00	16.00	16.00	16.00
-Emissions at Affected Plants [MTons]	12.57	12.57	12.54	12.24	9.770
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	12.57	12.57	12.54	12.24	9.770
TBTu Consumed	222.0	222.0	220.7	217.3	201.4
Rate - [lb/MMBtu]	0.1133	0.1133	0.1136	0.1126	0.9704E-01
TWh Generated	21.12	21.12	21.01	20.73	19.39
TWh Generated Qualifying	-0.2112E+05	-0.2112E+05	-0.2101E+05	-0.2073E+05	-0.1939E+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: 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 #: 365

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	5.181	5.149	4.162
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	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	5.181	5.149	4.162
TBtu Consumed	94.93	94.93	94.30	93.23	85.87
Rate - [lb/MMBtu]	0.1096	0.1096	0.1099	0.1105	0.9693E-01
TWh Generated	9.045	9.045	8.994	8.887	8.280
TWh Generated Qualifying	-9045.	-9045.	-8994.	-8887.	-8280.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	2075.	0.000	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 #: 366

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	5.181	5.149	4.162
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	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	5.181	5.149	4.162
TBtu Consumed	94.93	94.93	94.30	93.23	85.87
Rate - [lb/MMBtu]	0.1096	0.1096	0.1099	0.1105	0.9693E-01
TWh Generated	9.045	9.045	8.994	8.887	8.280
TWh Generated Qualifying	-9045.	-9045.	-8994.	-8887.	-8280.
Rate - [lb/MWh]	0.000	0.000	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 - Potomac NOX Cap Annual      Constraint #: 367  
 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	3.700	3.661	3.397	1.256
-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]	3.700	3.700	3.661	3.397	1.256
TBtu Consumed	37.45	37.45	36.14	33.88	21.00
Rate - [lb/MMBtu]	0.1976	0.1976	0.2026	0.2005	0.1196
TWh Generated	3.232	3.232	3.127	2.948	1.888
TWh Generated Qualifying	-3232.	-3232.	-3127.	-2948.	-1888.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	5193.	2284.	0.000	0.000	0.000

Constraint Name: NSR Mirant Settlement - Potomac NOX Cap Summer      Constraint #: 368  
 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]	1.456	1.456	1.437	1.437	0.4997
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	1.456	1.456	1.437	1.437	0.4997
TBtu Consumed	14.86	14.86	14.24	14.24	8.546
Rate - [lb/MMBtu]	0.1959	0.1959	0.2019	0.2019	0.1170
TWh Generated	1.284	1.284	1.234	1.234	0.7640
TWh Generated Qualifying	-1284.	-1284.	-1234.	-1234.	-764.0
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 Ohio Edison Settlement - 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]	17.33	11.86	11.86	11.86	11.86
-Emissions at Affected Plants [MTons]	10.54	8.645	8.645	8.645	8.269
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	10.54	8.645	8.645	8.645	8.269
TBTu Consumed	151.6	155.8	155.8	155.8	152.9
Rate - [lb/MMBtu]	0.1391	0.1110	0.1110	0.1110	0.1082
TWh Generated	15.55	15.94	15.94	15.94	15.65
TWh Generated Qualifying	-0.1555E+05	-0.1594E+05	-0.1594E+05	-0.1594E+05	-0.1565E+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: NSR Ohio Edison Settlement - SO2 Cap Annual      Constraint #: 370  
 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]	46.05	23.75	22.33	22.33	22.28
-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]	46.05	23.75	22.33	22.33	22.28
TBtu Consumed	151.6	155.8	155.8	155.8	152.9
Rate - [lb/MMBtu]	0.6077	0.3049	0.2867	0.2867	0.2915
TWh Generated	15.55	15.94	15.94	15.94	15.65
TWh Generated Qualifying	-0.1555E+05	-0.1594E+05	-0.1594E+05	-0.1594E+05	-0.1565E+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: NSR Santee Cooper 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]	20.00	20.00	20.00	20.00	20.00
-Emissions at Affected Plants [MTons]	12.66	13.23	10.44	10.26	9.624
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	12.66	13.23	10.44	10.26	9.624
TBTu Consumed	204.7	207.3	200.9	195.0	189.3
Rate - [lb/MMBtu]	0.1236	0.1276	0.1039	0.1053	0.1017
TWh Generated	20.31	20.54	19.94	19.35	18.80
TWh Generated Qualifying	-0.2031E+05	-0.2054E+05	-0.1994E+05	-0.1935E+05	-0.1880E+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: NSR Santee Cooper Settlement - NOX Rate Annual      Constraint #: 372  
 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]	12.66	13.23	10.44	10.26	9.624
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	12.66	13.23	10.44	10.26	9.624
TBtu Consumed	204.7	207.3	200.9	195.0	189.3
Rate - [lb/MMBtu]	0.1236	0.1276	0.1039	0.1053	0.1017
TWh Generated	20.31	20.54	19.94	19.35	18.80
TWh Generated Qualifying	-0.2031E+05	-0.2054E+05	-0.1994E+05	-0.1935E+05	-0.1880E+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: NSR Santee Cooper Settlement - SO2 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]	70.00	65.00	65.00	65.00	65.00
-Emissions at Affected Plants [MTons]	29.98	29.21	25.93	23.56	19.11
-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]	29.98	29.21	25.93	23.56	19.11
TBtu Consumed	204.7	207.3	200.9	195.0	189.3
Rate - [lb/MMBtu]	0.2929	0.2819	0.2581	0.2417	0.2019
TWh Generated	20.31	20.54	19.94	19.35	18.80
TWh Generated Qualifying	-0.2031E+05	-0.2054E+05	-0.1994E+05	-0.1935E+05	-0.1880E+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: NSR Santee Cooper Settlement - SO2 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]	0.5300	0.5000	0.5000	0.5000	0.5000
-Emissions at Affected Plants [MTons]	29.98	29.21	25.93	23.56	19.11
-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]	29.98	29.21	25.93	23.56	19.11
TBtu Consumed	204.7	207.3	200.9	195.0	189.3
Rate - [lb/MMBtu]	0.2929	0.2819	0.2581	0.2417	0.2019
TWh Generated	20.31	20.54	19.94	19.35	18.80
TWh Generated Qualifying	-0.2031E+05	-0.2054E+05	-0.1994E+05	-0.1935E+05	-0.1880E+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: NSR Unit Level Baldwin 1-3 - SO2 Rate Annual (CLM) Constraint #: 375  
 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	2.241	2.241	2.234	1.580
-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	2.241	2.241	2.234	1.580
TBtu Consumed	0.000	44.82	44.82	44.68	44.82
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.7050E-01
TWh Generated	0.000	4.555	4.555	4.539	4.549
TWh Generated Qualifying	0.000	-4555.	-4555.	-4539.	-4549.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1014.	0.000	88.47	0.000

Constraint Name: NSR Unit Level Baldwin 1-3 - SO2 Rate Annual (DPP) Constraint #: 376  
 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	2.475	2.475	2.348	2.338
-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	2.475	2.475	2.348	2.338
TBtu Consumed	0.000	49.51	49.51	46.97	46.75
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
TWh Generated	0.000	4.499	4.499	4.267	4.247
TWh Generated Qualifying	0.000	-4499.	-4499.	-4267.	-4247.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1512.	6.530	576.5	25.84

Constraint Name: NSR Unit Level Baldwin 1-3 - SO2 Rate Annual (DPQ) 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	2.248	2.248	2.239	2.241
-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	2.248	2.248	2.239	2.241
TBtu Consumed	0.000	44.96	44.96	44.77	44.81
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
TWh Generated	0.000	4.555	4.555	4.536	4.538
TWh Generated Qualifying	0.000	-4555.	-4555.	-4535.	-4538.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1403.	562.3	576.5	127.9

Constraint Name: NSR Unit Level Baldwin 3 - NOX Rate Annual      Constraint #: 378  
 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]	2.011	2.129	2.129	2.122	2.129
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	2.011	2.129	2.129	2.122	2.129
TBtu Consumed	42.33	44.82	44.82	44.68	44.82
Rate - [lb/MMBtu]	0.9500E-01	0.9500E-01	0.9500E-01	0.9500E-01	0.9500E-01
TWh Generated	4.369	4.555	4.555	4.539	4.549
TWh Generated Qualifying	-4369.	-4555.	-4555.	-4539.	-4549.
Rate - [lb/MWh]	0.000	0.000	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 #: 379)  
 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	0.9957	0.9957	0.9957	0.8697
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.9957	0.9957	0.9957	0.9957	0.8697
TBtu Consumed	32.65	32.65	32.65	32.65	28.52
Rate - [lb/MMBtu]	0.6100E-01	0.6100E-01	0.6100E-01	0.6100E-01	0.6100E-01
TWh Generated	3.093	3.093	3.093	3.093	2.701
TWh Generated Qualifying	-3093.	-3093.	-3093.	-3093.	-2701.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	0.1000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	0.9346	0.9346	0.9346	0.9346	0.8680
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.9346	0.9346	0.9346	0.9346	0.8680
TBtu Consumed	30.64	30.64	30.64	30.64	28.46
Rate - [lb/MMBtu]	0.6100E-01	0.6100E-01	0.6100E-01	0.6100E-01	0.6100E-01
TWh Generated	3.019	3.019	3.019	3.019	2.804
TWh Generated Qualifying	-3019.	-3019.	-3019.	-3019.	-2804.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	0.9753	0.9753	0.9753	0.9753	0.8519
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.9753	0.9753	0.9753	0.9753	0.8519
TBtu Consumed	32.51	32.51	32.51	32.51	28.40
Rate - [lb/MMBtu]	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	3.144	3.144	3.144	3.144	2.746
TWh Generated Qualifying	-3144.	-3144.	-3144.	-3144.	-2746.
Rate - [lb/MWh]	0.000	0.000	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 #: 382  
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	0.5657	0.5379	0.5547	0.5547
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.5657	0.5379	0.5547	0.5547
TBtu Consumed	0.000	11.31	10.76	11.32	11.32
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.9803E-01	0.9803E-01
TWh Generated	0.000	1.160	1.103	1.142	1.142
TWh Generated Qualifying	0.000	-1160.	-1103.	-1142.	-1142.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	189.3	377.1	0.000	0.000

Constraint Name: NSR Unit Level Chesapeake 3,4 - NOX Rate Annual (B Constraint #: 383  
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	0.5117	0.5415	0.5117	0.5117
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.5117	0.5415	0.5117	0.5117
TBtu Consumed	0.000	17.06	18.05	17.06	17.06
Rate - [lb/MMBtu]	0.000	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	0.000	1.535	1.598	1.510	1.510
TWh Generated Qualifying	0.000	-1535.	-1598.	-1510.	-1510.
Rate - [lb/MWh]	0.000	0.000	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 Chesterfield 4-6 - NOX Rate Annual    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	0.3757	0.3550	0.3757	0.3757
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.3757	0.3550	0.3757	0.3757
TBtu Consumed	0.000	12.52	11.83	12.52	12.52
Rate - [lb/MMBtu]	0.000	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	0.000	1.242	1.174	1.221	1.221
TWh Generated Qualifying	0.000	-1242.	-1174.	-1221.	-1221.
Rate - [lb/MWh]	0.000	0.000	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 Chesterfield 4-6 - NOX Rate Annual    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	0.8865	0.6776	0.6776	0.6776
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.8865	0.6776	0.6776	0.6776
TBtu Consumed	0.000	22.51	22.59	22.59	22.59
Rate - [lb/MMBtu]	0.000	0.7876E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	0.000	2.241	2.246	2.246	2.246
TWh Generated Qualifying	0.000	-2241.	-2246.	-2246.	-2246.
Rate - [lb/MWh]	0.000	0.000	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 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	1.432	1.432	1.432	1.432
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	1.432	1.432	1.432	1.432
TBtu Consumed	0.000	47.72	47.72	47.72	47.72
Rate - [lb/MMBtu]	0.000	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	0.000	4.796	4.796	4.796	4.796
TWh Generated Qualifying	0.000	-4796.	-4796.	-4796.	-4796.
Rate - [lb/MWh]	0.000	0.000	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 Chesterfield 5 - SO2 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	0.1300	0.1300	0.1300	0.1300
-Emissions at Affected Plants [MTons]	0.000	1.463	0.8188	0.8188	0.8188
-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	1.463	0.8188	0.8188	0.8188
TBtu Consumed	0.000	22.51	22.59	22.59	22.59
Rate - [lb/MMBtu]	0.000	0.1300	0.7250E-01	0.7250E-01	0.7250E-01
TWh Generated	0.000	2.241	2.246	2.246	2.246
TWh Generated Qualifying	0.000	-2241.	-2246.	-2246.	-2246.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	235.7	0.000	0.000	0.000

Constraint Name: NSR Unit Level Chesterfield 6 - SO2 Rate Annual      Constraint #: 388  
 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	3.102	3.102	3.102
-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	3.102	3.102	3.102
TBtu Consumed	47.72	47.72	47.72	47.72	47.72
Rate - [lb/MMBtu]	0.1300	0.1300	0.1300	0.1300	0.1300
TWh Generated	4.796	4.796	4.796	4.796	4.796
TWh Generated Qualifying	-4796.	-4796.	-4796.	-4796.	-4796.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	3488.	1235.	2289.	601.7	531.4

Constraint Name: NSR Unit Level Havana 9 - SO2 Rate Annual

Constraint #: 389

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]	9.097	1.935	1.935	1.935	1.853
-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]	9.097	1.935	1.935	1.935	1.853
TBtu Consumed	31.37	38.69	38.69	38.69	37.91
Rate - [lb/MMBtu]	0.5800	0.1000	0.1000	0.1000	0.9775E-01
TWh Generated	2.887	3.507	3.507	3.507	3.436
TWh Generated Qualifying	-2887.	-3507.	-3507.	-3507.	-3436.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1967.	0.000	0.000	0.000

Constraint Name: NSR Unit Level Hennepin 1,2 - SO2 Rate Annual (CLL 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]	1.200	1.200	1.200	1.200	1.200
-Emissions at Affected Plants [MTons]	1.502	1.967	1.967	1.944	1.797
-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]	1.502	1.967	1.967	1.944	1.797
TBtu Consumed	5.179	6.783	6.783	6.270	5.796
Rate - [lb/MMBtu]	0.5800	0.5800	0.5800	0.6200	0.6200
TWh Generated	0.4394	0.5755	0.5755	0.5319	0.4918
TWh Generated Qualifying	-439.4	-575.5	-575.5	-531.9	-491.7
Rate - [lb/MWh]	0.000	0.000	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 #: 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	1.200	1.200	1.200	1.200
-Emissions at Affected Plants [MTons]	4.834	5.534	5.229	5.229	5.229
-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]	4.834	5.534	5.229	5.229	5.229
TBtu Consumed	16.67	19.08	18.03	18.03	18.03
Rate - [lb/MMBtu]	0.5800	0.5800	0.5800	0.5800	0.5800
TWh Generated	1.569	1.796	1.698	1.698	1.698
TWh Generated Qualifying	-1569.	-1796.	-1698.	-1698.	-1698.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	0.1500	0.1500	0.1500	0.1500	0.1500
-Emissions at Affected Plants [MTons]	3.455	3.455	3.455	3.263	2.070
-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	3.455	3.455	3.263	2.070
TBtu Consumed	47.65	47.65	47.65	45.01	45.01
Rate - [lb/MMBtu]	0.1450	0.1450	0.1450	0.1450	0.9200E-01
TWh Generated	4.471	4.471	4.471	4.223	4.223
TWh Generated Qualifying	-4471.	-4471.	-4471.	-4223.	-4223.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	0.1000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	1.566	1.566	1.566	1.566	1.566
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	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	1.566	1.566	1.566	1.566
TBtu Consumed	52.19	52.19	52.19	52.19	52.19
Rate - [lb/MMBtu]	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	5.155	5.070	5.070	5.070	5.070
TWh Generated Qualifying	-5155.	-5070.	-5070.	-5070.	-5070.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	0.1000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	1.544	1.544	1.544	1.544	1.544
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	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	1.544	1.544	1.544	1.544
TBtu Consumed	51.48	51.48	51.48	51.48	51.48
Rate - [lb/MMBtu]	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	5.155	5.070	5.070	5.070	5.070
TWh Generated Qualifying	-5155.	-5070.	-5070.	-5070.	-5070.
Rate - [lb/MWh]	0.000	0.000	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 #: 395  
 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	1.829	1.466	1.420	1.372
-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	1.829	1.466	1.420	1.372
TBtu Consumed	0.000	24.39	24.39	23.12	23.01
Rate - [lb/MMBtu]	0.000	0.1500	0.1202	0.1228	0.1192
TWh Generated	0.000	2.342	2.342	2.220	2.210
TWh Generated Qualifying	0.000	-2342.	-2342.	-2220.	-2210.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	21.75	0.000	0.000	0.000

Constraint Name: NSR Unit Level Mercer 1,2 - SO2 Rate Annual (DPG) Constraint #: 396  
 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	1.830	1.466	1.420	1.372
-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	1.830	1.466	1.420	1.372
TBtu Consumed	0.000	24.40	24.40	23.12	23.02
Rate - [lb/MMBtu]	0.000	0.1500	0.1202	0.1228	0.1192
TWh Generated	0.000	2.342	2.342	2.220	2.210
TWh Generated Qualifying	0.000	-2342.	-2342.	-2220.	-2210.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	21.14	0.000	0.000	0.000

Constraint Name: NSR Unit Level Milton Young 1,2 - NOX Rate Annual    Constraint #: 397  
 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	0.7359	0.7359	0.7359	0.7359
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.7359	0.7359	0.7359	0.7359	0.7359
TBtu Consumed	20.73	20.73	20.73	20.73	20.73
Rate - [lb/MMBtu]	0.7101E-01	0.7101E-01	0.7101E-01	0.7101E-01	0.7101E-01
TWh Generated	1.871	1.840	1.840	1.840	1.840
TWh Generated Qualifying	-1871.	-1840.	-1840.	-1840.	-1840.
Rate - [lb/MWh]	0.000	0.000	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 #: 398

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	1.374	1.374	1.374	1.374
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	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	1.374	1.374	1.374	1.374
TBtu Consumed	38.71	38.71	38.71	38.71	38.71
Rate - [lb/MMBtu]	0.7101E-01	0.7101E-01	0.7101E-01	0.7101E-01	0.7101E-01
TWh Generated	3.342	3.342	3.342	3.342	3.342
TWh Generated Qualifying	-3342.	-3342.	-3342.	-3342.	-3342.
Rate - [lb/MWh]	0.000	0.000	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 #: 399)  
 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	0.9433	0.9099	0.9099	0.9619
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.9433	0.9099	0.9099	0.9619
TBtu Consumed	0.000	18.87	18.20	18.20	19.24
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
TWh Generated	0.000	1.901	1.833	1.833	1.938
TWh Generated Qualifying	0.000	-1901.	-1833.	-1833.	-1938.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	2933.	3396.	5280.	1341.

Constraint Name: NSR Unit Level Oak Creek 5-8 - NOX Rate Annual (CU Constraint #: 400  
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	0.9590	0.9250	0.9250	0.9779
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.9590	0.9250	0.9250	0.9779
TBtu Consumed	0.000	19.18	18.50	18.50	19.56
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
TWh Generated	0.000	1.922	1.854	1.854	1.960
TWh Generated Qualifying	0.000	-1922.	-1854.	-1854.	-1960.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	2740.	3859.	4545.	1050.

Constraint Name: NSR Unit Level Oak Creek 5-8 - NOX Rate Annual (CV 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	1.060	1.060	1.037	1.091
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	1.060	1.060	1.037	1.091
TBtu Consumed	0.000	21.19	21.19	20.74	21.82
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
TWh Generated	0.000	2.143	2.143	2.097	2.206
TWh Generated Qualifying	0.000	-2143.	-2143.	-2097.	-2206.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	7094.	3131.	6808.	5882.

Constraint Name: NSR Unit Level Oak Creek 5-8 - NOX Rate Annual (CW 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	1.065	1.065	1.065	1.103
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	1.065	1.065	1.065	1.103
TBtu Consumed	0.000	21.31	21.31	21.31	22.06
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.1000
TWh Generated	0.000	2.203	2.203	2.203	2.281
TWh Generated Qualifying	0.000	-2203.	-2203.	-2203.	-2281.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	9100.	2741.	5288.	7498.



Constraint Name: NSR Unit Level Oak Creek 5-8 - SO2 Rate Annual (CT 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	0.9433	0.9099	0.9099	0.9588
-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	0.9433	0.9099	0.9099	0.9588
TBtu Consumed	0.000	18.87	18.20	18.20	19.24
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.9968E-01
TWh Generated	0.000	1.901	1.833	1.833	1.938
TWh Generated Qualifying	0.000	-1901.	-1833.	-1833.	-1938.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1198.	839.7	1657.	0.000

Constraint Name: NSR Unit Level Oak Creek 5-8 - SO2 Rate Annual (CU 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	0.9590	0.9250	0.9250	0.9747
-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	0.9590	0.9250	0.9250	0.9747
TBtu Consumed	0.000	19.18	18.50	18.50	19.56
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.9968E-01
TWh Generated	0.000	1.922	1.854	1.854	1.960
TWh Generated Qualifying	0.000	-1922.	-1854.	-1854.	-1960.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1221.	901.3	1528.	0.000

Constraint Name: NSR Unit Level Oak Creek 5-8 - SO2 Rate Annual (CV 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	1.060	1.060	1.037	1.088
-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	1.060	1.060	1.037	1.088
TBtu Consumed	0.000	21.19	21.19	20.74	21.82
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.9970E-01
TWh Generated	0.000	2.143	2.143	2.097	2.206
TWh Generated Qualifying	0.000	-2143.	-2143.	-2097.	-2206.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1521.	318.3	1336.	0.000

Constraint Name: NSR Unit Level Oak Creek 5-8 - SO2 Rate Annual (CW 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	1.065	1.065	1.065	1.101
-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	1.065	1.065	1.065	1.101
TBtu Consumed	0.000	21.31	21.31	21.31	22.06
Rate - [lb/MMBtu]	0.000	0.1000	0.1000	0.1000	0.9980E-01
TWh Generated	0.000	2.203	2.203	2.203	2.281
TWh Generated Qualifying	0.000	-2203.	-2203.	-2203.	-2281.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1404.	433.7	1314.	0.000

Constraint Name: NSR Unit Level Vermilion 1,2 - SO2 Rate Annual (CL Constraint #: 407)  
 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 #: 408)  
 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]	1.436	1.880	1.738	1.607	1.436
-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]	1.436	1.880	1.738	1.607	1.436
TBtu Consumed	4.951	6.484	5.993	5.540	4.951
Rate - [lb/MMBtu]	0.5800	0.5800	0.5800	0.5800	0.5800
TWh Generated	0.4557	0.5968	0.5516	0.5100	0.4557
TWh Generated Qualifying	-455.7	-596.8	-551.6	-510.0	-455.7
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	1.100	1.100	1.100	1.100	1.100
-Emissions at Affected Plants [MTons]	7.101	3.744	3.744	3.744	3.461
-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	3.744	3.744	3.744	3.461
TBtu Consumed	12.91	12.91	12.91	12.91	11.93
Rate - [lb/MMBtu]	1.100	0.5800	0.5800	0.5800	0.5800
TWh Generated	1.273	1.273	1.273	1.273	1.176
TWh Generated Qualifying	-1273.	-1273.	-1273.	-1273.	-1176.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	273.3	0.000	0.000	0.000	0.000

Constraint Name: NSR Unit Level W H Sammis 1-5 - SO2 Rate Annual (D 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]	1.100	1.100	1.100	1.100	1.100
-Emissions at Affected Plants [MTons]	7.175	3.783	3.783	3.783	3.497
-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	3.783	3.783	3.783	3.497
TBtu Consumed	13.05	13.05	13.05	13.05	12.06
Rate - [lb/MMBtu]	1.100	0.5800	0.5800	0.5800	0.5800
TWh Generated	1.273	1.273	1.273	1.273	1.176
TWh Generated Qualifying	-1273.	-1273.	-1273.	-1273.	-1176.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	273.3	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]	7.012	3.697	3.697	3.697	3.697
-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]	7.012	3.697	3.697	3.697	3.697
TBtu Consumed	12.75	12.75	12.75	12.75	12.75
Rate - [lb/MMBtu]	1.100	0.5800	0.5800	0.5800	0.5800
TWh Generated	1.273	1.273	1.273	1.273	1.273
TWh Generated Qualifying	-1273.	-1273.	-1273.	-1273.	-1273.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	273.3	0.000	0.000	0.000	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]	6.954	3.667	3.667	3.667	3.389
-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	3.667	3.667	3.667	3.389
TBtu Consumed	12.64	12.64	12.64	12.64	11.69
Rate - [lb/MMBtu]	1.100	0.5800	0.5800	0.5800	0.5800
TWh Generated	1.273	1.273	1.273	1.273	1.176
TWh Generated Qualifying	-1273.	-1273.	-1273.	-1273.	-1176.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	273.3	0.000	0.000	0.000	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]	9.280	3.492	2.075	2.075	2.870
-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]	9.280	3.492	2.075	2.075	2.870
TBtu Consumed	17.68	21.90	21.90	21.90	21.90
Rate - [lb/MMBtu]	1.050	0.3189	0.1895	0.1895	0.2621
TWh Generated	1.784	2.174	2.174	2.174	2.174
TWh Generated Qualifying	-1784.	-2174.	-2174.	-2174.	-2174.
Rate - [lb/MWh]	0.000	0.000	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 5 - NOX Rate Annual      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]	0.2900	0.2900	0.2900	0.2900	0.2900
-Emissions at Affected Plants [MTons]	2.563	0.6570	0.6570	0.6570	0.6570
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	2.563	0.6570	0.6570	0.6570	0.6570
TBtu Consumed	17.68	21.90	21.90	21.90	21.90
Rate - [lb/MMBtu]	0.2900	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	1.784	2.174	2.174	2.174	2.174
TWh Generated Qualifying	-1784.	-2174.	-2174.	-2174.	-2174.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	0.1300	0.1300	0.1300	0.1300	0.1300
-Emissions at Affected Plants [MTons]	2.671	2.671	2.671	2.671	2.671
-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	2.671
TBtu Consumed	41.09	41.09	41.09	41.09	41.09
Rate - [lb/MMBtu]	0.1300	0.1300	0.1300	0.1300	0.1300
TWh Generated	4.340	4.340	4.340	4.340	4.340
TWh Generated Qualifying	-4340.	-4340.	-4340.	-4340.	-4340.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	2761.	719.2	399.2	45.93	931.5

Constraint Name: NSR Unit Level W H Sammis 6,7 - NOX Rate Annual (D Constraint #: 416  
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	1.233
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	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	1.233
TBtu Consumed	0.000	41.09	41.09	41.09	41.09
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	4.340
TWh Generated Qualifying	0.000	-4340.	-4340.	-4340.	-4340.
Rate - [lb/MWh]	0.000	0.000	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 #: 417  
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	1.243	1.243	1.243	1.243
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	1.243	1.243	1.243	1.243
TBtu Consumed	0.000	41.45	41.45	41.45	41.45
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	4.340
TWh Generated Qualifying	0.000	-4340.	-4340.	-4340.	-4340.
Rate - [lb/MWh]	0.000	0.000	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 7 - SO2 Rate Annual      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	0.1300	0.1300	0.1300	0.1300
-Emissions at Affected Plants [MTons]	0.000	2.694	2.694	2.694	2.694
-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	2.694
TBtu Consumed	0.000	41.45	41.45	41.45	41.45
Rate - [lb/MMBtu]	0.000	0.1300	0.1300	0.1300	0.1300
TWh Generated	0.000	4.340	4.340	4.340	4.340
TWh Generated Qualifying	0.000	-4340.	-4340.	-4340.	-4340.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	719.2	399.2	45.93	931.5



Constraint Name: NSR Unit Level Wood River 4,5 - SO2 Rate Annual (C Constraint #: 419)  
 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]	1.947	2.550	2.550	2.550	2.357
-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]	1.947	2.550	2.550	2.550	2.357
TBtu Consumed	6.715	8.794	8.794	8.794	8.128
Rate - [lb/MMBtu]	0.5800	0.5800	0.5800	0.5800	0.5800
TWh Generated	0.5669	0.7423	0.7423	0.7423	0.6862
TWh Generated Qualifying	-566.9	-742.3	-742.3	-742.3	-686.2
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 Wood River 4,5 - SO2 Rate Annual (C Constraint #: 420)  
 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]	7.427	8.062	8.503	8.032	7.460
-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]	7.427	8.062	8.503	8.032	7.460
TBtu Consumed	25.61	27.80	29.32	27.70	25.72
Rate - [lb/MMBtu]	0.5800	0.5800	0.5800	0.5800	0.5800
TWh Generated	2.465	2.675	2.822	2.666	2.476
TWh Generated Qualifying	-2465.	-2675.	-2822.	-2666.	-2476.
Rate - [lb/MWh]	0.000	0.000	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 #: 421

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]	17.50	17.00	16.72	16.37	15.17
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	17.50	17.00	16.72	16.37	15.17
TBtu Consumed	220.1	236.5	233.5	231.3	226.9
Rate - [lb/MMBtu]	0.1590	0.1438	0.1432	0.1415	0.1337
TWh Generated	20.44	21.92	21.66	21.46	21.23
TWh Generated Qualifying	-0.2044E+05	-0.2192E+05	-0.2166E+05	-0.2146E+05	-0.2123E+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: NSR WEPCO Settlement - 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 #: 422

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]	17.50	17.00	16.72	16.37	15.17
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	17.50	17.00	16.72	16.37	15.17
TBtu Consumed	220.1	236.5	233.5	231.3	226.9
Rate - [lb/MMBtu]	0.1590	0.1438	0.1432	0.1415	0.1337
TWh Generated	20.44	21.92	21.66	21.46	21.23
TWh Generated Qualifying	-0.2044E+05	-0.2192E+05	-0.2166E+05	-0.2146E+05	-0.2123E+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: 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 #: 423

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]	49.53	26.23	25.60	24.97	22.32
-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]	49.53	26.23	25.60	24.97	22.32
TBtu Consumed	220.1	236.5	233.5	231.3	226.9
Rate - [lb/MMBtu]	0.4500	0.2219	0.2193	0.2159	0.1967
TWh Generated	20.44	21.92	21.66	21.46	21.23
TWh Generated Qualifying	-0.2044E+05	-0.2192E+05	-0.2166E+05	-0.2146E+05	-0.2123E+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: NSR WEPCO Settlement - 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 #: 424

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]	49.53	26.23	25.60	24.97	22.32
-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]	49.53	26.23	25.60	24.97	22.32
TBtu Consumed	220.1	236.5	233.5	231.3	226.9
Rate - [lb/MMBtu]	0.4500	0.2219	0.2193	0.2159	0.1967
TWh Generated	20.44	21.92	21.66	21.46	21.23
TWh Generated Qualifying	-0.2044E+05	-0.2192E+05	-0.2166E+05	-0.2146E+05	-0.2123E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	64.11	0.000	0.000	0.000	0.000

Constraint Name: Pacific Northwest Constraint - CO2 Penalty Annual Constraint #: 425  
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	2263.	7445.	0.1170E+05
-Less Allowances Purchased [MTons] CO2	0.000	0.000	-2263.	-7445.	-0.1170E+05
-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	0.2479E-07	-0.3216E-06	0.4683E-05
TBtu Consumed	0.000	0.000	38.65	92.62	165.4
Rate - [lb/MMBtu]	0.000	0.000	117.1	160.8	141.6
TWh Generated	0.000	0.000	6.781	13.51	26.27
TWh Generated Qualifying	0.000	0.000	-6781.	-0.1351E+05	-0.2627E+05
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	1.450	1.450	1.450	1.450	1.450

Constraint Name: State Niagara Mohawk Power - NOX Cap Annual      Constraint #: 426  
 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	3.241	3.076
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	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	3.241	3.076
TBtu Consumed	89.25	89.25	89.25	89.25	84.78
Rate - [lb/MMBtu]	0.1089	0.7262E-01	0.7262E-01	0.7262E-01	0.7256E-01
TWh Generated	7.601	7.588	7.588	7.588	7.213
TWh Generated Qualifying	-7601.	-7588.	-7588.	-7588.	-7213.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	2770.	3149.	7476.	1270.	0.000



Constraint Name: State Niagara Mohawk Power - SO2 Cap 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]	19.44	14.17	14.17	14.17	14.17
-Emissions at Affected Plants [MTons]	15.99	14.17	14.17	14.17	13.41
-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]	15.99	14.17	14.17	14.17	13.41
TBtu Consumed	89.25	89.25	89.25	89.25	84.78
Rate - [lb/MMBtu]	0.3584	0.3175	0.3175	0.3175	0.3165
TWh Generated	7.601	7.588	7.588	7.588	7.213
TWh Generated Qualifying	-7601.	-7588.	-7588.	-7588.	-7213.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	1104.	0.000	301.5	0.000

Constraint Name: State Unit Level Comanche 1,2 - NOX Rate Annual (C Constraint #: 428  
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	1.846	1.846
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	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	1.846	1.846
TBtu Consumed	28.19	28.19	28.19	28.19	28.19
Rate - [lb/MMBtu]	0.1310	0.1310	0.1310	0.1310	0.1310
TWh Generated	2.696	2.696	2.696	2.696	2.696
TWh Generated Qualifying	-2696.	-2696.	-2696.	-2696.	-2696.
Rate - [lb/MWh]	0.000	0.000	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 #: 429  
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	2.140	2.140
-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]	2.140	2.140	2.140	2.140	2.140
TBtu Consumed	28.54	28.54	28.54	28.54	28.54
Rate - [lb/MMBtu]	0.1500	0.1500	0.1500	0.1500	0.1500
TWh Generated	2.726	2.726	2.726	2.726	2.726
TWh Generated Qualifying	-2726.	-2726.	-2726.	-2726.	-2726.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.1398E+05	0.000	0.000	290.3	0.000

Constraint Name: State Unit Level Comanche 1,2 - SO2 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]	0.1000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	1.325	1.325	1.325	1.325	1.325
-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	1.325	1.325
TBtu Consumed	28.19	28.19	28.19	28.19	28.19
Rate - [lb/MMBtu]	0.9400E-01	0.9400E-01	0.9400E-01	0.9400E-01	0.9400E-01
TWh Generated	2.696	2.696	2.696	2.696	2.696
TWh Generated Qualifying	-2696.	-2696.	-2696.	-2696.	-2696.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	0.1000	0.1000	0.1000	0.1000	0.1000
-Emissions at Affected Plants [MTons]	1.341	1.341	1.341	1.341	1.341
-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	1.341	1.341
TBtu Consumed	28.54	28.54	28.54	28.54	28.54
Rate - [lb/MMBtu]	0.9400E-01	0.9400E-01	0.9400E-01	0.9400E-01	0.9400E-01
TWh Generated	2.726	2.726	2.726	2.726	2.726
TWh Generated Qualifying	-2726.	-2726.	-2726.	-2726.	-2726.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	0.8000E-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	1.450
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	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	1.450
TBtu Consumed	48.33	48.33	48.33	48.33	48.33
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	5.516
TWh Generated Qualifying	-5516.	-5516.	-5516.	-5516.	-5516.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	2.175	2.175	2.175	2.175	2.175
-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	2.175	2.175
TBtu Consumed	48.33	48.33	48.33	48.33	48.33
Rate - [lb/MMBtu]	0.9000E-01	0.9000E-01	0.9000E-01	0.9000E-01	0.9000E-01
TWh Generated	5.516	5.516	5.516	5.516	5.516
TWh Generated Qualifying	-5516.	-5516.	-5516.	-5516.	-5516.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	0.3000	0.3000	0.3000	0.3000	0.3000
-Emissions at Affected Plants [MTons]	3.718	3.718	3.718	3.718	3.718
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	3.718	3.718	3.718	3.718	3.718
TBtu Consumed	24.79	24.79	24.79	24.79	24.79
Rate - [lb/MMBtu]	0.3000	0.3000	0.3000	0.3000	0.3000
TWh Generated	2.338	2.338	2.338	2.338	2.338
TWh Generated Qualifying	-2338.	-2338.	-2338.	-2338.	-2338.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	1947.	0.000	1083.	3284.	0.000



Constraint Name: State Unit Level San Juan 1-4 - NOX Rate Annual (C 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]	0.3000	0.3000	0.3000	0.3000	0.3000
-Emissions at Affected Plants [MTons]	3.606	3.606	3.606	3.606	3.606
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	3.606	3.606	3.606	3.606	3.606
TBtu Consumed	24.04	24.04	24.04	24.04	24.04
Rate - [lb/MMBtu]	0.3000	0.3000	0.3000	0.3000	0.3000
TWh Generated	2.372	2.372	2.372	2.372	2.372
TWh Generated Qualifying	-2372.	-2372.	-2372.	-2372.	-2372.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	5319.	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]	5.830	5.830	5.830	5.830	5.414
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	5.830	5.830	5.830	5.830	5.414
TBtu Consumed	38.86	38.86	38.86	38.86	36.10
Rate - [lb/MMBtu]	0.3000	0.3000	0.3000	0.3000	0.3000
TWh Generated	3.636	3.636	3.636	3.636	3.377
TWh Generated Qualifying	-3636.	-3636.	-3636.	-3636.	-3377.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	3352.	1263.	0.000	0.000	311.3

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]	5.830	5.830	5.830	5.830	5.830
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	5.830	5.830	5.830	5.830	5.830
TBtu Consumed	38.87	38.87	38.87	38.87	38.87
Rate - [lb/MMBtu]	0.3000	0.3000	0.3000	0.3000	0.3000
TWh Generated	3.717	3.717	3.717	3.717	3.717
TWh Generated Qualifying	-3717.	-3717.	-3717.	-3717.	-3717.
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	4860.	0.000	0.000	0.000	0.000

Constraint Name: State Unit Level San Juan 1-4 - SO2 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]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	1.104	1.104	1.104	1.104	1.104
-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]	1.104	1.104	1.104	1.104	1.104
TBtu Consumed	24.79	24.79	24.79	24.79	24.79
Rate - [lb/MMBtu]	0.8907E-01	0.8907E-01	0.8907E-01	0.8907E-01	0.8907E-01
TWh Generated	2.338	2.338	2.338	2.338	2.338
TWh Generated Qualifying	-2338.	-2338.	-2338.	-2338.	-2338.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	0.2500	0.2500	0.2500	0.2500	0.2500
-Emissions at Affected Plants [MTons]	1.130	1.130	1.130	1.130	1.130
-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]	1.130	1.130	1.130	1.130	1.130
TBtu Consumed	24.04	24.04	24.04	24.04	24.04
Rate - [lb/MMBtu]	0.9400E-01	0.9400E-01	0.9400E-01	0.9400E-01	0.9400E-01
TWh Generated	2.372	2.372	2.372	2.372	2.372
TWh Generated Qualifying	-2372.	-2372.	-2372.	-2372.	-2372.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	1.827	1.827	1.827	1.827	1.696
-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]	1.827	1.827	1.827	1.827	1.696
TBtu Consumed	38.86	38.86	38.86	38.86	36.10
Rate - [lb/MMBtu]	0.9400E-01	0.9400E-01	0.9400E-01	0.9400E-01	0.9400E-01
TWh Generated	3.636	3.636	3.636	3.636	3.377
TWh Generated Qualifying	-3636.	-3636.	-3636.	-3636.	-3377.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	1.827	1.827	1.827	1.827	1.827
-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]	1.827	1.827	1.827	1.827	1.827
TBtu Consumed	38.87	38.87	38.87	38.87	38.87
Rate - [lb/MMBtu]	0.9400E-01	0.9400E-01	0.9400E-01	0.9400E-01	0.9400E-01
TWh Generated	3.717	3.717	3.717	3.717	3.717
TWh Generated Qualifying	-3717.	-3717.	-3717.	-3717.	-3717.
Rate - [lb/MWh]	0.000	0.000	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 #: 442  
 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	0.4718	0.4718	0.4718	0.4378
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.000	0.4718	0.4718	0.4718	0.4378
TBtu Consumed	0.000	6.928	6.928	6.928	6.644
Rate - [lb/MMBtu]	0.000	0.1362	0.1362	0.1362	0.1318
TWh Generated	0.000	0.7271	0.7271	0.7271	0.7005
TWh Generated Qualifying	0.000	-727.1	-727.1	-727.1	-700.5
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: State Unit Level Westover 8 - SO2 Rate Annual      Constraint #: 443  
 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	1.178	1.178	1.178	1.129
-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	1.178	1.178	1.178	1.129
TBtu Consumed	0.000	6.928	6.928	6.928	6.644
Rate - [lb/MMBtu]	0.000	0.3400	0.3400	0.3400	0.3400
TWh Generated	0.000	0.7271	0.7271	0.7271	0.7005
TWh Generated Qualifying	0.000	-727.1	-727.1	-727.1	-700.5
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.000	9586.	7717.	4045.	157.3

Constraint Name: Texas DFW - 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 #: 444

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]	0.8681E-01	0.8681E-01	0.8681E-01	0.1052E-01	0.8863E-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]	0.8681E-01	0.8681E-01	0.8681E-01	0.1052E-01	0.8863E-02
TBtu Consumed	11.84	11.84	11.84	1.598	1.296
Rate - [lb/MMBtu]	0.1467E-01	0.1467E-01	0.1467E-01	0.1317E-01	0.1368E-01
TWh Generated	1.136	1.136	1.136	0.1552	0.1255
TWh Generated Qualifying	-1136.	-1136.	-1136.	-155.1	-125.5
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: Texas East - NOX Cap Annual

Constraint #: 445

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]	16.75	16.83	16.02	14.30	14.23
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	16.75	16.83	16.02	14.30	14.23
TBtu Consumed	406.3	441.0	426.7	340.8	333.8
Rate - [lb/MMBtu]	0.8244E-01	0.7635E-01	0.7508E-01	0.8393E-01	0.8529E-01
TWh Generated	47.05	52.45	51.12	40.50	39.47
TWh Generated Qualifying	-0.4705E+05	-0.5245E+05	-0.5112E+05	-0.4050E+05	-0.3947E+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 #: 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]	111.2	111.2	111.2	111.2	111.2
-Emissions at Affected Plants [MTons]	53.16	53.16	53.16	16.75	5.500
-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	53.16	53.16	16.75	5.500
TBtu Consumed	406.3	441.0	426.7	340.8	333.8
Rate - [lb/MMBtu]	0.2617	0.2411	0.2492	0.9830E-01	0.3295E-01
TWh Generated	47.05	52.45	51.12	40.50	39.47
TWh Generated Qualifying	-0.4705E+05	-0.5245E+05	-0.5112E+05	-0.4050E+05	-0.3947E+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 #: 447

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]	105.8	104.8	100.7	97.77	94.77
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	105.8	104.8	100.7	97.77	94.77
TBTu Consumed	1880.	1857.	1675.	1526.	1478.
Rate - [lb/MMBtu]	0.1126	0.1128	0.1202	0.1281	0.1283
TWh Generated	202.9	200.4	176.2	156.0	150.7
TWh Generated Qualifying	-0.2029E+06	-0.2004E+06	-0.1762E+06	-0.1560E+06	-0.1507E+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

Constraint #: 448

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]	7.849	7.800	7.013	5.759	5.735
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	7.849	7.800	7.013	5.759	5.735
TBtu Consumed	466.9	464.7	416.6	351.0	346.6
Rate - [lb/MMBtu]	0.3362E-01	0.3357E-01	0.3367E-01	0.3282E-01	0.3309E-01
TWh Generated	56.06	55.79	49.81	41.61	40.95
TWh Generated Qualifying	-0.5606E+05	-0.5579E+05	-0.4981E+05	-0.4161E+05	-0.4095E+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 #: 450

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]	0.5640	0.3920	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]	0.5640	0.3920	0.2519E-01	0.2519E-01	0.2519E-01
TBtu Consumed	7.433	4.517	0.2519	0.2519	0.2519
Rate - [lb/MMBtu]	0.1518	0.1736	0.2000	0.2000	0.2000
TWh Generated	0.6913	0.4085	0.2271E-01	0.2271E-01	0.2271E-01
TWh Generated Qualifying	-691.3	-408.5	-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 #: 451  
 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 #: 452  
 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 #: 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 (BKR)      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 (BKS)      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 (BKT)      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 (BLA)      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 (BLG)      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]	0.1421E-02	0.5311E-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	0.5311E-02	0.1421E-02	0.1421E-02	0.1421E-02
BTtu Consumed	0.4442E-01	0.1660	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	0.1229E-01	0.3290E-02	0.3290E-02	0.3290E-02
TWh Generated Qualifying	-3.290	-12.29	-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 #: 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]	0.1843E-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 #: 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]	0.1799E-02	0.1799E-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	0.1799E-02	0.1799E-02	0.1799E-02	0.1799E-02
BTtu Consumed	0.4442E-01	0.4442E-01	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	0.3290E-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 (BLJ)      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]	0.1888E-02	0.1888E-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	0.1888E-02	0.1888E-02	0.1888E-02	0.1888E-02
TBtu Consumed	0.4442E-01	0.4442E-01	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	0.3290E-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 (BLK)      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]	0.7041E-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 #: 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]	0.000	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 #: 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]	0.000	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]	178.2	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (BLS)      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]	2131.	2183.	1937.	1983.	2006.

Constraint Name: Wisconsin State - NOX Rate Summer (BLT)      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]	2131.	2183.	1937.	1983.	2006.



Constraint Name: Wisconsin State - NOX Rate Summer (BUF)      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]	0.2702E-01	0.3424E-01	0.3057E-01	0.1846E-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]	0.2702E-01	0.3424E-01	0.3057E-01	0.1846E-01	0.1139E-01
TBtu Consumed	2.251	2.853	2.548	1.538	0.9494
Rate - [lb/MMBtu]	0.2400E-01	0.2400E-01	0.2400E-01	0.2400E-01	0.2400E-01
TWh Generated	0.2081	0.2638	0.2355	0.1422	0.8777E-01
TWh Generated Qualifying	-208.1	-263.8	-235.5	-142.2	-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 #: 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]	0.1569E-01	0.1569E-01	0.1569E-01	0.1569E-01	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	0.1569E-01	0.5222E-02
TBtu Consumed	2.853	2.853	2.853	2.853	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	0.2638	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 (CF2)  
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 #: 469

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]	0.3100	0.3100	0.3100	0.3100	0.8224E-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]	0.3100	0.3100	0.3100	0.3100	0.8224E-01
TBtu Consumed	2.214	2.214	2.214	2.214	0.7908
Rate - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2080
TWh Generated	0.1649	0.1649	0.1649	0.1649	0.5889E-01
TWh Generated Qualifying	-164.9	-164.9	-164.9	-164.9	-58.89
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	4446.	3488.	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (CF3)      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]	0.3100	0.3100	0.3100	0.3100	0.8224E-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]	0.3100	0.3100	0.3100	0.3100	0.8224E-01
TBtu Consumed	2.214	2.214	2.214	2.214	0.7908
Rate - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2080
TWh Generated	0.1649	0.1649	0.1649	0.1649	0.5889E-01
TWh Generated Qualifying	-164.9	-164.9	-164.9	-164.9	-58.89
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	4446.	3488.	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (CF4)      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]	0.3047	0.3047	0.3047	0.3047	0.3047
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3047	0.3047	0.3047	0.3047	0.3047
TBtu Consumed	2.176	2.176	2.176	2.176	2.176
Rate - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
TWh Generated	0.1649	0.1649	0.1649	0.1649	0.1649
TWh Generated Qualifying	-164.9	-164.9	-164.9	-164.9	-164.9
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	7139.	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (CF5)      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]	0.3047	0.3047	0.3047	0.3047	0.3047
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.3047	0.3047	0.3047	0.3047	0.3047
TBtu Consumed	2.176	2.176	2.176	2.176	2.176
Rate - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
TWh Generated	0.1649	0.1649	0.1649	0.1649	0.1649
TWh Generated Qualifying	-164.9	-164.9	-164.9	-164.9	-164.9
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	7139.	0.000	0.000	0.000	0.000

Constraint Name: Wisconsin State - NOX Rate Summer (CWX)      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]	0.7577E+05	3432.	3558.	2527.	4023.

Constraint Name: Wisconsin State - NOX Rate Summer (CWY)      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]	0.1809E-01	0.1809E-01	0.1809E-01	0.1632E-01	0.1632E-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]	0.1809E-01	0.1809E-01	0.1809E-01	0.1632E-01	0.1632E-01
TBtu Consumed	0.1292	0.1292	0.1292	0.1165	0.1165
Rate - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
TWh Generated	0.1354E-01	0.1354E-01	0.1354E-01	0.1223E-01	0.1223E-01
TWh Generated Qualifying	-13.54	-13.54	-13.54	-12.23	-12.23
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.4401E+05	0.2294E+05	0.2349E+05	0.2479E+05	0.2066E+05



Constraint Name: Wisconsin State - NOX Rate Summer (CWZ)      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]	0.1809E-01	0.1809E-01	0.1809E-01	0.1632E-01	0.1632E-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]	0.1809E-01	0.1809E-01	0.1809E-01	0.1632E-01	0.1632E-01
TBtu Consumed	0.1292	0.1292	0.1292	0.1165	0.1165
Rate - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
TWh Generated	0.1354E-01	0.1354E-01	0.1354E-01	0.1223E-01	0.1223E-01
TWh Generated Qualifying	-13.54	-13.54	-13.54	-12.23	-12.23
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.4401E+05	0.2294E+05	0.2349E+05	0.2453E+05	0.2089E+05

Constraint Name: Wisconsin State - NOX Rate Summer (CXA)      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]	0.1027	0.1239	0.1239	0.1239	0.1239
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1027	0.1239	0.1239	0.1239	0.1239
TBtu Consumed	0.7333	0.8850	0.8850	0.8850	0.8850
Rate - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
TWh Generated	0.5183E-01	0.6255E-01	0.6255E-01	0.6255E-01	0.6255E-01
TWh Generated Qualifying	-51.83	-62.55	-62.55	-62.55	-62.55
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.4517E+05	0.4881E+05	0.2357E+05	0.2484E+05	0.2394E+05

Constraint Name: Wisconsin State - NOX Rate Summer (CXB)      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]	0.1059	0.1059	0.1059	0.1059	0.1059
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1059	0.1059	0.1059	0.1059	0.1059
TBtu Consumed	0.7562	0.7562	0.7562	0.7562	0.7562
Rate - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
TWh Generated	0.7008E-01	0.7008E-01	0.7008E-01	0.7008E-01	0.7008E-01
TWh Generated Qualifying	-70.08	-70.08	-70.08	-70.08	-70.08
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.6371E+05	0.4509E+05	0.2357E+05	0.2484E+05	0.2394E+05

Constraint Name: Wisconsin State - NOX Rate Summer (CXC)      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]	0.000	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]	0.2239E+05	0.1488E+05	0.1556E+05	0.1603E+05	0.1130E+05

Constraint Name: Wisconsin State - NOX Rate Summer (CT2)      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]	0.2868	0.3471	0.3471	0.2868	0.3471
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.2868	0.3471	0.3471	0.2868	0.3471
TBtu Consumed	2.048	2.480	2.479	2.048	2.480
Rate - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
TWh Generated	0.1840	0.2228	0.2228	0.1840	0.2228
TWh Generated Qualifying	-184.0	-222.8	-222.8	-184.0	-222.8
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.4162E+05	0.3089E+05	0.2357E+05	0.2484E+05	0.3078E+05

Constraint Name: Wisconsin State - NOX Rate Summer (CT6)      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]	0.6295	0.3914	0.3660	0.3660	0.4180
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.6295	0.3914	0.3660	0.3660	0.4180
TBtu Consumed	7.319	7.987	7.320	7.320	8.359
Rate - [lb/MMBtu]	0.1720	0.9800E-01	0.1000	0.1000	0.1000
TWh Generated	0.7425	0.8047	0.7374	0.7374	0.8421
TWh Generated Qualifying	-742.5	-804.7	-737.4	-737.4	-842.1
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: Wisconsin State - NOX Rate Summer (CU6)      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]	0.6399	0.3979	0.3721	0.3721	0.4249
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.6399	0.3979	0.3721	0.3721	0.4249
TBtu Consumed	7.441	8.120	7.441	7.441	8.498
Rate - [lb/MMBtu]	0.1720	0.9800E-01	0.1000	0.1000	0.1000
TWh Generated	0.7511	0.8139	0.7459	0.7459	0.8518
TWh Generated Qualifying	-751.1	-813.9	-745.9	-745.9	-851.8
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: Wisconsin State - NOX Rate Summer (CV6)      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]	0.5370	0.4350	0.4350	0.4178	0.4716
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.5370	0.4350	0.4350	0.4178	0.4716
TBtu Consumed	8.326	8.817	8.817	8.366	9.440
Rate - [lb/MMBtu]	0.1290	0.9867E-01	0.9867E-01	0.9989E-01	0.9990E-01
TWh Generated	0.8478	0.8915	0.8915	0.8459	0.9546
TWh Generated Qualifying	-847.8	-891.5	-891.5	-845.9	-954.5
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 (CW6)      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]	0.5268	0.4387	0.4387	0.4387	0.4816
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.5268	0.4387	0.4387	0.4387	0.4816
TBtu Consumed	8.429	8.883	8.883	8.883	9.635
Rate - [lb/MMBtu]	0.1250	0.9878E-01	0.9878E-01	0.9878E-01	0.9998E-01
TWh Generated	0.8776	0.9184	0.9184	0.9184	0.9962
TWh Generated Qualifying	-877.6	-918.4	-918.4	-918.4	-996.2
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: Wisconsin State - NOX Rate Summer (CX6)      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]	1.324	1.324	1.324	1.324	1.324
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	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	1.324	1.324
TBtu Consumed	9.459	9.459	9.459	9.459	9.459
Rate - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
TWh Generated	0.9531	0.9531	0.9531	0.9531	0.9531
TWh Generated Qualifying	-953.1	-953.1	-953.1	-953.1	-953.1
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	3518.	909.0	210.8	911.9	1696.

Constraint Name: Wisconsin State - NOX Rate Summer (CXN)      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]	1.306	1.306	1.306	1.306	1.306
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	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	1.306	1.306	1.306
TBtu Consumed	11.98	11.98	11.98	11.98	11.98
Rate - [lb/MMBtu]	0.2180	0.2180	0.2180	0.2180	0.2180
TWh Generated	1.183	1.183	1.183	1.183	1.183
TWh Generated Qualifying	-1183.	-1183.	-1183.	-1183.	-1183.
Rate - [lb/MWh]	0.000	0.000	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 #: 486  
 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	0.1065	0.1065	0.1065	0.1065
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.1065	0.1065	0.1065	0.1065	0.1065
TBtu Consumed	0.7610	0.7610	0.7610	0.7610	0.7610
Rate - [lb/MMBtu]	0.2800	0.2800	0.2800	0.2800	0.2800
TWh Generated	0.7072E-01	0.7072E-01	0.7072E-01	0.7072E-01	0.7072E-01
TWh Generated Qualifying	-70.72	-70.72	-70.72	-70.72	-70.72
Rate - [lb/MWh]	0.000	0.000	0.000	0.000	0.000
Constraint Shadow Price [US\$/Ton]	0.5094E+05	0.5668E+05	0.2357E+05	0.2484E+05	0.3599E+05

Constraint Name: Wisconsin State - NOX Rate Summer (DVS)      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]	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 #: 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]	0.1613E-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 #: 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]	0.1645E-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 #: 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]	0.1645E-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 #: 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]	0.3786E-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
BTtu 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 #: 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]	0.3786E-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 #: 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 (ENW)      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]	0.5631	0.6447	0.6447	0.6447	0.6447
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.5631	0.6447	0.6447	0.6447	0.6447
TBtu Consumed	18.77	21.49	21.49	21.49	21.49
Rate - [lb/MMBtu]	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	1.740	1.991	1.992	1.992	1.992
TWh Generated Qualifying	-1740.	-1991.	-1991.	-1991.	-1991.
Rate - [lb/MWh]	0.000	0.000	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 #: 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]	0.5673	0.6495	0.6495	0.6495	0.6495
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	0.5673	0.6495	0.6495	0.6495	0.6495
TBtu Consumed	18.91	21.65	21.65	21.65	21.65
Rate - [lb/MMBtu]	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01	0.6000E-01
TWh Generated	1.740	1.991	1.992	1.992	1.992
TWh Generated Qualifying	-1740.	-1991.	-1991.	-1991.	-1991.
Rate - [lb/MWh]	0.000	0.000	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 #: 496

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]	11.18	10.11	9.835	9.803	8.950
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	4.974	10.00	5.027	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	-4.974	0.000	0.000
Total [MTons]	11.18	15.09	14.87	14.83	8.950
TBtu Consumed	187.7	201.2	198.2	197.7	195.1
Rate - [lb/MMBtu]	0.1191	0.1006	0.9924E-01	0.9916E-01	0.9175E-01
TWh Generated	17.71	18.93	18.68	18.63	18.54
TWh Generated Qualifying	-0.1771E+05	-0.1893E+05	-0.1868E+05	-0.1863E+05	-0.1854E+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: 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 #: 497

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]	38.78	14.80	14.16	14.12	12.01
-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	30.43	30.40	30.34	0.000
-Less Allowances Withdrawn (1:1) [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn (n:1) [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	38.78	45.23	44.56	44.46	12.01
TBtu Consumed	187.7	201.2	198.2	197.7	195.1
Rate - [lb/MMBtu]	0.4133	0.1471	0.1429	0.1428	0.1231
TWh Generated	17.71	18.93	18.68	18.63	18.54
TWh Generated Qualifying	-0.1771E+05	-0.1893E+05	-0.1868E+05	-0.1863E+05	-0.1854E+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: AZNM 20% Max Wind Generation

Constraint #: 498

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	397.7	397.7	397.7
-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	397.7	397.7	397.7
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	0.3977	0.3977	0.3977
TWh Generated Qualifying	-397.7	-397.7	-397.7	-397.7	-397.7
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 #: 499

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]	0.2661E+05	0.2901E+05	0.3193E+05	0.3506E+05	0.3993E+05
-Generation at Eligible Plants [GWh]	0.1321E+05	0.1321E+05	0.1321E+05	0.1321E+05	0.1321E+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	0.1321E+05	0.1321E+05	0.1321E+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	13.21	13.21	13.21
TWh Generated Qualifying	-0.1321E+05	-0.1321E+05	-0.1321E+05	-0.1321E+05	-0.1321E+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 #: 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]	0.3692E+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 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]	0.2303E+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 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]	6662.	6891.	7238.	7584.	8089.
-Generation at Eligible Plants [GWh]	0.000	0.000	107.5	107.5	107.5
-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	107.5	107.5	107.5
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	0.1075	0.1075	0.1075
TWh Generated Qualifying	0.000	0.000	-107.5	-107.5	-107.5
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 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 #: 503

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 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 #: 504

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 #: 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]	0.4060E+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 #: 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]	0.3082E+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 #: 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]	0.6476E+05	0.7058E+05	0.7643E+05	0.8256E+05	0.9188E+05
-Generation at Eligible Plants [GWh]	0.1407E+05	0.1661E+05	0.1661E+05	0.1670E+05	0.2301E+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	0.1661E+05	0.1661E+05	0.1670E+05	0.2301E+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	16.61	16.61	16.70	23.01
TWh Generated Qualifying	-0.1407E+05	-0.1660E+05	-0.1660E+05	-0.1670E+05	-0.2301E+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 #: 508

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]	53.09	53.09	114.7	114.7	114.7
-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]	53.09	53.09	114.7	114.7	114.7
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	0.5309E-01	0.5309E-01	0.1147	0.1147	0.1147
TWh Generated Qualifying	-53.09	-53.09	-114.7	-114.7	-114.7
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 #: 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]	0.1565E+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 #: 510

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 #: 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]	0.1985E+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 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]	0.2576E+05	0.2751E+05	0.2962E+05	0.3168E+05	0.3456E+05
-Generation at Eligible Plants [GWh]	2.406	2.406	181.0	181.0	737.8
-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]	2.406	2.406	181.0	181.0	737.8
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	0.2406E-02	0.2406E-02	0.1810	0.1810	0.7378
TWh Generated Qualifying	-2.406	-2.406	-181.0	-181.0	-737.8
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: MRO 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]	0.3580E+05	0.3878E+05	0.4222E+05	0.4586E+05	0.5144E+05
-Generation at Eligible Plants [GWh]	5151.	5151.	5151.	5151.	5151.
-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.	5151.	5151.	5151.
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	5.151	5.151	5.151
TWh Generated Qualifying	-5151.	-5151.	-5151.	-5151.	-5151.
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 #: 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]	0.2785E+05	0.2919E+05	0.3022E+05	0.3121E+05	0.3261E+05
-Generation at Eligible Plants [GWh]	2333.	2333.	2333.	2333.	3310.
-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.	2333.	2333.	2333.	3310.
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	2.333	2.333	2.333	3.310
TWh Generated Qualifying	-2333.	-2333.	-2333.	-2333.	-3310.
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 #: 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]	0.1695E+05	0.1836E+05	0.1983E+05	0.2136E+05	0.2369E+05
-Generation at Eligible Plants [GWh]	1072.	1072.	1072.	1072.	1072.
-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.	1072.	1072.	1072.	1072.
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	1.072	1.072	1.072	1.072
TWh Generated Qualifying	-1072.	-1072.	-1072.	-1072.	-1072.
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: PNW 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]	0.3375E+05	0.3622E+05	0.3994E+05	0.4292E+05	0.4745E+05
-Generation at Eligible Plants [GWh]	2242.	2242.	2242.	0.1020E+05	0.2284E+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.	2242.	2242.	0.1020E+05	0.2284E+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	2.242	2.242	10.20	22.84
TWh Generated Qualifying	-2242.	-2242.	-2242.	-0.1020E+05	-0.2284E+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: RMPA 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 #: 517

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 #: 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]	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 #: 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]	0.5662E+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	496.5
-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	496.5
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	0.4965
TWh Generated Qualifying	0.000	0.000	0.000	0.000	-496.5
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 #: 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]	0.1442E+05	0.1538E+05	0.1638E+05	0.1741E+05	0.1894E+05
-Generation at Eligible Plants [GWh]	925.1	925.1	925.1	925.1	925.9
-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	925.1	925.1	925.9
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	0.9251	0.9251	0.9259
TWh Generated Qualifying	-925.1	-925.1	-925.1	-925.1	-925.9
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 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 #: 521

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.	2730.	2730.	2730.	2730.
-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.	2730.	2730.	2730.	2730.
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	2.730	2.730	2.730	2.730
TWh Generated Qualifying	-2730.	-2730.	-2730.	-2730.	-2730.
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 #: 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]	0.3768E+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 #: 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]	0.1229E+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 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 #: 524

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 #: 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]	0.2104E+05	0.2276E+05	0.2436E+05	0.2600E+05	0.2847E+05
-Generation at Eligible Plants [GWh]	0.000	285.8	285.8	285.8	285.8
-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]	0.000	285.8	285.8	285.8	285.8
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	0.000	0.2858	0.2858	0.2858	0.2858
TWh Generated Qualifying	0.000	-285.8	-285.8	-285.8	-285.8
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: WUMS 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 #: 526

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	814.3	814.3	814.3	905.7
-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	814.3	814.3	814.3	905.7
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	0.8143	0.8143	0.8143	0.9057
TWh Generated Qualifying	-814.2	-814.2	-814.2	-814.2	-905.6
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