EPA NSR15 - NSR8 with Heat Rate Improved 3.2% and capacity increased 3.2% in 2005 Region: System Page: 1. 1
Regional Summary Report

NOTES:
1. Year 2026 is the End-Year and should not be used for analysis.

	2005	2010	2015	2020	2026
1. Reserve Margin Capacity [MW]	833239.	869258.	926073.	976063.	1040128.
Plus Firm Purchases [MW]	0.	0.	0.	0.	0.
Plus Transmission In [MW]	26770.	27587.	26029.	23896.	22080.
Total Reserve Margin Capacity [MW]	860010.	896845.	952102.	999959.	1062208.
2. Peak Load [MW]	719442.	761387.	812269.	856657.	913351.
Less DSM [MW]	0.	0.	0.	0.	0.
Plus Firm Sales [MW]	0.	0.	0.	0.	0.
Plus Transmission Out [MW]	27317.	28150.	26560.	24384.	22531.
Net Demand [MW]	746759.	789537.	838829.	881041.	935882.
3. Reserve Margin [%]	15.17	13.59	13.50	13.50	13.50
4. Generation [GWh]	3948531.	4145482.	4392785.	4600390.	4861006.
Inter-Region Transmission [GWh]	-9421.	-9429.	-8856.	-8475.	-7909.
Pumping & Storage Losses [GWh]	12613.	13862.	15281.	15694.	14720.
Plus Purchases [GWh]	0.	0.	0.	0.	0.
Less Sales [GWh]	0.	0.	0.	0.	0.
5. Total Supply for Demand [GWh]	3926498.	4122190.	4368648.	4576221.	4838377.
6. Projected Demand [GWh]	3926498.	4122190.	4368648.	4576221.	4838377.
Energy Not Served [GWh]	0.	0.	0.	0.	0.
Less DSM [GWh]	0.	0.	0.	0.	0.
Net Demand [GWh]	3926498.	4122190.	4368648.	4576221.	4838377.
7. Dumped Energy [GWh]	0.	0.	0.	0.	0.
8. Total Supply for Demand [GWh]	3926498.	4122190.	4368648.	4576221.	4838377.
Less T&D Losses [GWh]	301465.	316490.	335412.	351349.	371477.
9. Total Sales [GWh]	3625032.	3805700.	4033236.	4224872.	4466900.

Capacity Avoided Costs [US$/kW/a]	2005	2010	2015	2020	2026
	58.47	35.23	42.30	44.51	45.77

10. Capacity by Plant Type [MW]		2005	2010	2015	2020	2026
Scrubbed Coal_NOx	1	5101.	5101.	5101.	5101.	5101.
Scrubbed Coal	2	53606.	51898.	51760.	51611.	50613.
Unscrubbed Coal_NOx	3	9498.	9498.	8631.	8556.	8556.
Unscrubbed Coal	4	151160.	137093.	124807.	111871.	103653.
Oil/Gas Steam	5	120145.	117207.	117207.	117207.	117207.
Oil/Gas Steam_Nox	6	5145.	5145.	4906.	4869.	4869.
Nuclear	7	77208.	60718.	30777.	10205.	1935.
Hydro	8	89788.	89788.	89788.	89788.	89788.
Comb.Cycle Gas	9	75146.	91837.	117184.	139138.	173452.
IGCC	10	612.	612.	612.	612.	612.
Turbine	11	92574.	119958.	154885.	187061.	218912.
Biomass	12	1108.	1108.	1108.	1108.	1108.
Geothermal	13	2725.	2725.	2725.	2725.	2725.
Landfill Gas	14	91.	91.	91.	91.	91.
Wind	15	1691.	1691.	1691.	1691.	1691.
Fuel Cell	16	0.	0.	0.	0.	0.
Solar	17	325.	325.	325.	325.	325.
Non Fossil_Other	18	2112.	2112.	2112.	2112.	2112.
Fossil_Other	19	45.	45.	45.	45.	45.
Pump Storage	20	22554.	22554.	22554.	22554.	22554.
Int. Imports	21	11000.	11000.	11000.	11000.	11000.
Cgn_Coal	22	4190.	4124.	4124.	4120.	3927.
Cgn_Gas	23	22540.	22540.	22540.	22540.	22540.
Cgn_Oil	24	1069.	1069.	1069.	1069.	1069.
Cgn_Other	25	1063.	1063.	1063.	1063.	1063.
NonCG IPP_Coal	26	0.	0.	0.	0.	0.
NonCG IPP_Gas	27	0.	0.	0.	0.	0.
NonCG IPP_Other	28	0.	0.	0.	0.	0.
Blr_Coal	29	0.	0.	0.	0.	0.
Blr_Gas	30	0.	0.	0.	0.	0.
Blr_Oil	31	0.	0.	0.	0.	0.
Blr_Other	32	0.	0.	0.	0.	0.
SteamOnly Cogen	33	0.	0.	0.	0.	0.
Rep.Coal-CC	34	0.	0.	0.	0.	0.
Rep.O/G-CC	35	12379.	12851.	13329.	13403.	13403.
Rep.Coal-IGCC	36	0.	0.	0.	0.	0.
Ret.Scrubber	37	3506.	5700.	8644.	10083.	10117.
Ret.ExistSCR & Scrub	38	1961.	1961.	2810.	2884.	2884.
Ret.ExistSNCR & Scrub	39	0.	0.	0.	0.	0.
Ret.SCR	40	45899.	55656.	55918.	61088.	63182.
Ret.ExistScrub & SCR	41	36814.	37980.	38118.	38118.	38118.
Ret.SNCR	42	1125.	3023.	6968.	12721.	18299.
Ret.ExistScrub & SNCR	43	1230.	1772.	1772.	1921.	2919.
Ret.SCR+Scrb	44	987.	1219.	5938.	6475.	6604.
Ret.SNCR+Scrub	45	0.	0.	246.	246.	807.
Ret.Gas Reburn	46	0.	0.	0.	0.	0.
Ret.ExistScrub+GasR	47	0.	0.	0.	0.	0.
Ret.GasReburn+Scrub	48	0.	0.	0.	0.	0.
Ret.ACI	49	0.	0.	0.	0.	0.
Ret.ExistScrub&ACI	50	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI	51	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI	52	0.	0.	0.	0.	0.
Ret.ACI & SCR	53	0.	0.	0.	0.	0.
Ret.ExistScrub&ACI&SCR	54	0.	0.	0.	0.	0.
Ret.ACI & SNCR	55	0.	0.	0.	0.	0.
Ret.ExistScrub&ACI&SNCR	56	0.	0.	0.	0.	0.
Ret.ACI & Srub	57	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI&Scrub	58	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&Scrub	59	0.	0.	0.	0.	0.
Ret.ExistSNCR&ExistScrub&ACI	60	0.	0.	0.	0.	0.
Ret.ExistSCR&ExistScrub&ACI	61	0.	0.	0.	0.	0.
Ret.ExistNOx&ExistScrub&ACI	62	0.	0.	0.	0.	0.
Ret.SCR & Scrub & ACI	63	0.	0.	0.	0.	0.
Ret.SNCR & Scrub & ACI	64	0.	0.	0.	0.	0.
Ret.O/G SCR	65	0.	155.	155.	155.	155.
Ret.O/G SNCR	66	80.	2303.	2303.	2303.	2303.
Ret.Nuclear (age 30+10 yrs)	67	9278.	16550.	26102.	33556.	10608.
Ret.Nuclear (age 40+20 yrs)	68	0.	1302.	18180.	27164.	56298.
Ret. Biomass Cofiring	69	0.	0.	0.	0.	0.
CT Early Retirement	70	0.	0.	0.	0.	0.
CC Early Retirement	71	0.	0.	0.	0.	0.
O/G Early Retirement	72	1303.	1626.	1626.	1626.	1626.
Coal Early Retirement	73	0.	0.	0.	0.	0.
Nuke Early Retirement	74	2276.	5296.	1660.	1660.	0.
Total		867334.	906696.	959875.	1009865.	1072270.

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

		2005	2010	2015	2020	2026
Scrubbed Coal_NOx	1	0.	0.	0.	0.	0.
Scrubbed Coal	2	0.	0.	0.	0.	0.
Unscrubbed Coal_NOx	3	0.	0.	0.	0.	0.
Unscrubbed Coal	4	0.	0.	0.	0.	0.
Oil/Gas Steam	5	0.	0.	0.	0.	0.
Oil/Gas Steam_Nox	6	0.	0.	0.	0.	0.
Nuclear	7	0.	0.	0.	0.	0.
Hydro	8	0.	0.	0.	0.	0.
Comb.Cycle Gas	9	16332.	16690.	25347.	21954.	34314.
IGCC	10	0.	0.	0.	0.	0.
Turbine	11	18840.	27383.	34927.	32176.	31860.
Biomass	12	0.	0.	0.	0.	0.
Geothermal	13	0.	0.	0.	0.	0.
Landfill Gas	14	0.	0.	0.	0.	0.
Wind	15	0.	0.	0.	0.	0.
Fuel Cell	16	0.	0.	0.	0.	0.
Solar	17	0.	0.	0.	0.	0.
Non Fossil_Other	18	0.	0.	0.	0.	0.
Fossil_Other	19	0.	0.	0.	0.	0.
Pump Storage	20	0.	0.	0.	0.	0.
Int. Imports	21	0.	0.	0.	0.	0.
Cgn_Coal	22	0.	0.	0.	0.	0.
Cgn_Gas	23	0.	0.	0.	0.	0.
Cgn_Oil	24	0.	0.	0.	0.	0.
Cgn_Other	25	0.	0.	0.	0.	0.
NonCG IPP_Coal	26	0.	0.	0.	0.	0.
NonCG IPP_Gas	27	0.	0.	0.	0.	0.
NonCG IPP_Other	28	0.	0.	0.	0.	0.
Blr_Coal	29	0.	0.	0.	0.	0.
Blr_Gas	30	0.	0.	0.	0.	0.
Blr_Oil	31	0.	0.	0.	0.	0.
Blr_Other	32	0.	0.	0.	0.	0.
SteamOnly Cogen	33	0.	0.	0.	0.	0.
Rep.Coal-CC	34	0.	0.	0.	0.	0.
Rep.O/G-CC	35	12379.	472.	478.	74.	0.
Rep.Coal-IGCC	36	0.	0.	0.	0.	0.
Ret.Scrubber	37	4493.	2195.	4493.	1703.	594.
Ret.ExistSCR & Scrub	38	1961.	0.	849.	74.	0.
Ret.ExistSNCR & Scrub	39	0.	0.	0.	0.	0.
Ret.SCR	40	45899.	9994.	3751.	5448.	2226.
Ret.ExistScrub & SCR	41	36814.	1166.	138.	0.	0.
Ret.SNCR	42	1125.	1898.	3945.	5752.	5578.
Ret.ExistScrub & SNCR	43	1230.	542.	0.	149.	998.
Ret.SCR+Scrb	44	987.	233.	4719.	536.	129.
Ret.SNCR+Scrub	45	0.	0.	246.	0.	561.
Ret.Gas Reburn	46	0.	0.	0.	0.	0.
Ret.ExistScrub+GasR	47	0.	0.	0.	0.	0.
Ret.GasReburn+Scrub	48	0.	0.	0.	0.	0.
Ret.ACI	49	0.	0.	0.	0.	0.
Ret.ExistScrub&ACI	50	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI	51	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI	52	0.	0.	0.	0.	0.
Ret.ACI & SCR	53	0.	0.	0.	0.	0.
Ret.ExistScrub&ACI&SCR	54	0.	0.	0.	0.	0.
Ret.ACI & SNCR	55	0.	0.	0.	0.	0.
Ret.ExistScrub&ACI&SNCR	56	0.	0.	0.	0.	0.
Ret.ACI & Srub	57	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI&Scrub	58	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&Scrub	59	0.	0.	0.	0.	0.
Ret.ExistSNCR&ExistScrub&ACI	60	0.	0.	0.	0.	0.
Ret.ExistSCR&ExistScrub&ACI	61	0.	0.	0.	0.	0.
Ret.ExistNOx&ExistScrub&ACI	62	0.	0.	0.	0.	0.
Ret.SCR & Scrub & ACI	63	0.	0.	0.	0.	0.
Ret.SNCR & Scrub & ACI	64	0.	0.	0.	0.	0.
Ret.O/G SCR	65	0.	155.	0.	0.	0.
Ret.O/G SNCR	66	80.	2223.	0.	0.	0.
Ret.Nuclear (age 30+10 yrs)	67	9278.	7272.	18830.	14726.	2268.
Ret.Nuclear (age 40+20 yrs)	68	0.	1302.	16878.	8984.	29134.
Ret. Biomass Cofiring	69	0.	0.	0.	0.	0.
CT Early Retirement	70	0.	0.	0.	0.	0.
CC Early Retirement	71	0.	0.	0.	0.	0.
O/G Early Retirement	72	1303.	324.	0.	0.	0.
Coal Early Retirement	73	0.	0.	0.	0.	0.
Nuke Early Retirement	74	2276.	3020.	0.	0.	0.
Total		152997.	74869.	114602.	91578.	107662.

12. Generation by Plant Type [GWh]		2005	2010	2015	2020	2026
Scrubbed Coal_NOx	1	39205.	39205.	39205.	39293.	39293.
Scrubbed Coal	2	394745.	389506.	391645.	393058.	387053.
Unscrubbed Coal_NOx	3	64671.	68420.	62652.	62381.	62762.
Unscrubbed Coal	4	982065.	935424.	887263.	814416.	767752.
Oil/Gas Steam	5	84731.	83617.	61103.	51527.	42777.
Oil/Gas Steam_Nox	6	23537.	19990.	16188.	8329.	741.
Nuclear	7	574568.	461050.	234598.	77720.	11883.
Hydro	8	269195.	269195.	269195.	269195.	269195.
Comb.Cycle Gas	9	416194.	544556.	727163.	894280.	1134353.
IGCC	10	4714.	4714.	4714.	4714.	4714.
Turbine	11	38798.	79932.	146859.	202244.	241132.
Biomass	12	7291.	7486.	7291.	7152.	7152.
Geothermal	13	20767.	20767.	20767.	20767.	20767.
Landfill Gas	14	717.	717.	717.	717.	717.
Wind	15	4319.	4319.	4319.	4319.	4319.
Fuel Cell	16	0.	0.	0.	0.	0.
Solar	17	791.	791.	791.	791.	791.
Non Fossil_Other	18	16651.	16651.	16651.	16651.	16651.
Fossil_Other	19	355.	355.	355.	355.	355.
Pump Storage	20	9446.	10307.	11325.	11631.	10930.
Int. Imports	21	49012.	32473.	33419.	27261.	27261.
Cgn_Coal	22	30184.	30259.	30558.	30996.	29791.
Cgn_Gas	23	59135.	65770.	56681.	56754.	49933.
Cgn_Oil	24	3234.	3234.	3149.	2937.	2580.
Cgn_Other	25	6948.	6893.	7187.	7052.	6831.
NonCG IPP_Coal	26	0.	0.	0.	0.	0.
NonCG IPP_Gas	27	0.	0.	0.	0.	0.
NonCG IPP_Other	28	0.	0.	0.	0.	0.
Blr_Coal	29	0.	0.	0.	0.	0.
Blr_Gas	30	0.	0.	0.	0.	0.
Blr_Oil	31	0.	0.	0.	0.	0.
Blr_Other	32	0.	0.	0.	0.	0.
SteamOnly Cogen	33	0.	0.	0.	0.	0.
Rep.Coal-CC	34	0.	0.	0.	0.	0.
Rep.O/G-CC	35	93947.	99540.	103082.	102693.	103066.
Rep.Coal-IGCC	36	0.	0.	0.	0.	0.
Ret.Scrubber	37	27006.	43550.	66212.	77672.	77930.
Ret.ExistSCR & Scrub	38	15105.	15105.	21643.	22213.	22213.
Ret.ExistSNCR & Scrub	39	0.	0.	0.	0.	0.
Ret.SCR	40	335310.	413070.	416335.	460269.	480085.
Ret.ExistScrub & SCR	41	279413.	291074.	291864.	292085.	292620.
Ret.SNCR	42	7094.	20709.	47587.	91344.	134692.
Ret.ExistScrub & SNCR	43	8813.	12866.	13097.	14387.	22063.
Ret.SCR+Scrb	44	7602.	9394.	45743.	49876.	50870.
Ret.SNCR+Scrub	45	0.	0.	1893.	1893.	6214.
Ret.Gas Reburn	46	0.	0.	0.	0.	0.
Ret.ExistScrub+GasR	47	0.	0.	0.	0.	0.
Ret.GasReburn+Scrub	48	0.	0.	0.	0.	0.
Ret.ACI	49	0.	0.	0.	0.	0.
Ret.ExistScrub&ACI	50	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI	51	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI	52	0.	0.	0.	0.	0.
Ret.ACI & SCR	53	0.	0.	0.	0.	0.
Ret.ExistScrub&ACI&SCR	54	0.	0.	0.	0.	0.
Ret.ACI & SNCR	55	0.	0.	0.	0.	0.
Ret.ExistScrub&ACI&SNCR	56	0.	0.	0.	0.	0.
Ret.ACI & Srub	57	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI&Scrub	58	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&Scrub	59	0.	0.	0.	0.	0.
Ret.ExistSNCR&ExistScrub&ACI	60	0.	0.	0.	0.	0.
Ret.ExistSCR&ExistScrub&ACI	61	0.	0.	0.	0.	0.
Ret.ExistNOx&ExistScrub&ACI	62	0.	0.	0.	0.	0.
Ret.SCR & Scrub & ACI	63	0.	0.	0.	0.	0.
Ret.SNCR & Scrub & ACI	64	0.	0.	0.	0.	0.
Ret.O/G SCR	65	0.	164.	142.	123.	0.
Ret.O/G SNCR	66	85.	2230.	3465.	3147.	2428.
Ret.Nuclear (age 30+10 yrs)	67	72883.	131844.	205568.	264786.	85951.
Ret.Nuclear (age 40+20 yrs)	68	0.	10303.	142356.	215359.	443142.
Ret. Biomass Cofiring	69	0.	0.	0.	0.	0.
CT Early Retirement	70	0.	0.	0.	0.	0.
CC Early Retirement	71	0.	0.	0.	0.	0.
O/G Early Retirement	72	0.	0.	0.	0.	0.
Coal Early Retirement	73	0.	0.	0.	0.	0.
Nuke Early Retirement	74	0.	0.	0.	0.	0.
Total		3948531.	4145482.	4392785.	4600390.	4861006.

13. Generation by Plant Type [TBtu]		2005	2010	2015	2020	2026
Scrubbed Coal_NOx	1	134.	134.	134.	134.	134.
Scrubbed Coal	2	1347.	1329.	1336.	1341.	1321.
Unscrubbed Coal_NOx	3	221.	233.	214.	213.	214.
Unscrubbed Coal	4	3351.	3192.	3027.	2779.	2620.
Oil/Gas Steam	5	289.	285.	208.	176.	146.
Oil/Gas Steam_Nox	6	80.	68.	55.	28.	3.
Nuclear	7	1960.	1573.	800.	265.	41.
Hydro	8	918.	918.	918.	918.	918.
Comb.Cycle Gas	9	1420.	1858.	2481.	3051.	3870.
IGCC	10	16.	16.	16.	16.	16.
Turbine	11	132.	273.	501.	690.	823.
Biomass	12	25.	26.	25.	24.	24.
Geothermal	13	71.	71.	71.	71.	71.
Landfill Gas	14	2.	2.	2.	2.	2.
Wind	15	15.	15.	15.	15.	15.
Fuel Cell	16	0.	0.	0.	0.	0.
Solar	17	3.	3.	3.	3.	3.
Non Fossil_Other	18	57.	57.	57.	57.	57.
Fossil_Other	19	1.	1.	1.	1.	1.
Pump Storage	20	32.	35.	39.	40.	37.
Int. Imports	21	167.	111.	114.	93.	93.
Cgn_Coal	22	103.	103.	104.	106.	102.
Cgn_Gas	23	202.	224.	193.	194.	170.
Cgn_Oil	24	11.	11.	11.	10.	9.
Cgn_Other	25	24.	24.	25.	24.	23.
NonCG IPP_Coal	26	0.	0.	0.	0.	0.
NonCG IPP_Gas	27	0.	0.	0.	0.	0.
NonCG IPP_Other	28	0.	0.	0.	0.	0.
Blr_Coal	29	0.	0.	0.	0.	0.
Blr_Gas	30	0.	0.	0.	0.	0.
Blr_Oil	31	0.	0.	0.	0.	0.
Blr_Other	32	0.	0.	0.	0.	0.
SteamOnly Cogen	33	0.	0.	0.	0.	0.
Rep.Coal-CC	34	0.	0.	0.	0.	0.
Rep.O/G-CC	35	321.	340.	352.	350.	352.
Rep.Coal-IGCC	36	0.	0.	0.	0.	0.
Ret.Scrubber	37	92.	149.	226.	265.	266.
Ret.ExistSCR & Scrub	38	52.	52.	74.	76.	76.
Ret.ExistSNCR & Scrub	39	0.	0.	0.	0.	0.
Ret.SCR	40	1144.	1409.	1421.	1570.	1638.
Ret.ExistScrub & SCR	41	953.	993.	996.	997.	998.
Ret.SNCR	42	24.	71.	162.	312.	460.
Ret.ExistScrub & SNCR	43	30.	44.	45.	49.	75.
Ret.SCR+Scrb	44	26.	32.	156.	170.	174.
Ret.SNCR+Scrub	45	0.	0.	6.	6.	21.
Ret.Gas Reburn	46	0.	0.	0.	0.	0.
Ret.ExistScrub+GasR	47	0.	0.	0.	0.	0.
Ret.GasReburn+Scrub	48	0.	0.	0.	0.	0.
Ret.ACI	49	0.	0.	0.	0.	0.
Ret.ExistScrub&ACI	50	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI	51	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI	52	0.	0.	0.	0.	0.
Ret.ACI & SCR	53	0.	0.	0.	0.	0.
Ret.ExistScrub&ACI&SCR	54	0.	0.	0.	0.	0.
Ret.ACI & SNCR	55	0.	0.	0.	0.	0.
Ret.ExistScrub&ACI&SNCR	56	0.	0.	0.	0.	0.
Ret.ACI & Srub	57	0.	0.	0.	0.	0.
Ret.ExistSCR&ACI&Scrub	58	0.	0.	0.	0.	0.
Ret.ExistSNCR&ACI&Scrub	59	0.	0.	0.	0.	0.
Ret.ExistSNCR&ExistScrub&ACI	60	0.	0.	0.	0.	0.
Ret.ExistSCR&ExistScrub&ACI	61	0.	0.	0.	0.	0.
Ret.ExistNOx&ExistScrub&ACI	62	0.	0.	0.	0.	0.
Ret.SCR & Scrub & ACI	63	0.	0.	0.	0.	0.
Ret.SNCR & Scrub & ACI	64	0.	0.	0.	0.	0.
Ret.O/G SCR	65	0.	1.	0.	0.	0.
Ret.O/G SNCR	66	0.	8.	12.	11.	8.
Ret.Nuclear (age 30+10 yrs)	67	249.	450.	701.	903.	293.
Ret.Nuclear (age 40+20 yrs)	68	0.	35.	486.	735.	1512.
Ret. Biomass Cofiring	69	0.	0.	0.	0.	0.
CT Early Retirement	70	0.	0.	0.	0.	0.
CC Early Retirement	71	0.	0.	0.	0.	0.
O/G Early Retirement	72	0.	0.	0.	0.	0.
Coal Early Retirement	73	0.	0.	0.	0.	0.
Nuke Early Retirement	74	0.	0.	0.	0.	0.
Total		13472.	14144.	14988.	15697.	16586.

14. Capacity Factor by Plant Type [%]		2005	2010	2015	2020	2026
Scrubbed Coal_NOx	1	87.7	87.7	87.7	87.9	87.9
Scrubbed Coal	2	84.1	85.7	86.4	86.9	87.3
Unscrubbed Coal_NOx	3	77.7	82.2	82.9	83.2	83.7
Unscrubbed Coal	4	74.2	77.9	81.2	83.1	84.6
Oil/Gas Steam	5	8.1	8.1	6.0	5.0	4.2
Oil/Gas Steam_Nox	6	52.2	44.4	37.7	19.5	1.7
Nuclear	7	85.0	86.7	87.0	86.9	70.1
Hydro	8	34.2	34.2	34.2	34.2	34.2
Comb.Cycle Gas	9	63.2	67.7	70.8	73.4	74.7
IGCC	10	87.9	87.9	87.9	87.9	87.9
Turbine	11	4.8	7.6	10.8	12.3	12.6
Biomass	12	75.1	77.1	75.1	73.7	73.7
Geothermal	13	87.0	87.0	87.0	87.0	87.0
Landfill Gas	14	90.0	90.0	90.0	90.0	90.0
Wind	15	29.2	29.2	29.2	29.2	29.2
Fuel Cell	16	N/A	N/A	N/A	N/A	N/A
Solar	17	27.8	27.8	27.8	27.8	27.8
Non Fossil_Other	18	90.0	90.0	90.0	90.0	90.0
Fossil_Other	19	90.0	90.0	90.0	90.0	90.0
Pump Storage	20	4.8	5.2	5.7	5.9	5.5
Int. Imports	21	50.9	33.7	34.7	28.3	28.3
Cgn_Coal	22	82.2	83.8	84.6	85.9	86.6
Cgn_Gas	23	29.9	33.3	28.7	28.7	25.3
Cgn_Oil	24	34.5	34.5	33.6	31.4	27.6
Cgn_Other	25	74.6	74.0	77.2	75.7	73.4
NonCG IPP_Coal	26	N/A	N/A	N/A	N/A	N/A
NonCG IPP_Gas	27	N/A	N/A	N/A	N/A	N/A
NonCG IPP_Other	28	N/A	N/A	N/A	N/A	N/A
Blr_Coal	29	N/A	N/A	N/A	N/A	N/A
Blr_Gas	30	N/A	N/A	N/A	N/A	N/A
Blr_Oil	31	N/A	N/A	N/A	N/A	N/A
Blr_Other	32	N/A	N/A	N/A	N/A	N/A
SteamOnly Cogen	33	N/A	N/A	N/A	N/A	N/A
Rep.Coal-CC	34	N/A	N/A	N/A	N/A	N/A
Rep.O/G-CC	35	86.6	88.4	88.3	87.5	87.8
Rep.Coal-IGCC	36	N/A	N/A	N/A	N/A	N/A
Ret.Scrubber	37	87.9	87.2	87.4	87.9	87.9
Ret.ExistSCR & Scrub	38	87.9	87.9	87.9	87.9	87.9
Ret.ExistSNCR & Scrub	39	N/A	N/A	N/A	N/A	N/A
Ret.SCR	40	83.4	84.7	85.0	86.0	86.7
Ret.ExistScrub & SCR	41	86.6	87.5	87.4	87.5	87.6
Ret.SNCR	42	72.0	78.2	78.0	82.0	84.0
Ret.ExistScrub & SNCR	43	81.8	82.9	84.4	85.5	86.3
Ret.SCR+Scrb	44	87.9	87.9	87.9	87.9	87.9
Ret.SNCR+Scrub	45	N/A	N/A	87.9	87.9	87.9
Ret.Gas Reburn	46	N/A	N/A	N/A	N/A	N/A
Ret.ExistScrub+GasR	47	N/A	N/A	N/A	N/A	N/A
Ret.GasReburn+Scrub	48	N/A	N/A	N/A	N/A	N/A
Ret.ACI	49	N/A	N/A	N/A	N/A	N/A
Ret.ExistScrub&ACI	50	N/A	N/A	N/A	N/A	N/A
Ret.ExistSCR&ACI	51	N/A	N/A	N/A	N/A	N/A
Ret.ExistSNCR&ACI	52	N/A	N/A	N/A	N/A	N/A
Ret.ACI & SCR	53	N/A	N/A	N/A	N/A	N/A
Ret.ExistScrub&ACI&SCR	54	N/A	N/A	N/A	N/A	N/A
Ret.ACI & SNCR	55	N/A	N/A	N/A	N/A	N/A
Ret.ExistScrub&ACI&SNCR	56	N/A	N/A	N/A	N/A	N/A
Ret.ACI & Srub	57	N/A	N/A	N/A	N/A	N/A
Ret.ExistSCR&ACI&Scrub	58	N/A	N/A	N/A	N/A	N/A
Ret.ExistSNCR&ACI&Scrub	59	N/A	N/A	N/A	N/A	N/A
Ret.ExistSNCR&ExistScrub&ACI	60	N/A	N/A	N/A	N/A	N/A
Ret.ExistSCR&ExistScrub&ACI	61	N/A	N/A	N/A	N/A	N/A
Ret.ExistNOx&ExistScrub&ACI	62	N/A	N/A	N/A	N/A	N/A
Ret.SCR & Scrub & ACI	63	N/A	N/A	N/A	N/A	N/A
Ret.SNCR & Scrub & ACI	64	N/A	N/A	N/A	N/A	N/A
Ret.O/G SCR	65	N/A	12.0	10.4	9.0	0.0
Ret.O/G SNCR	66	12.0	11.1	17.2	15.6	12.0
Ret.Nuclear (age 30+10 yrs)	67	89.7	90.9	89.9	90.1	92.5
Ret.Nuclear (age 40+20 yrs)	68	N/A	90.3	89.4	90.5	89.9
Ret. Biomass Cofiring	69	N/A	N/A	N/A	N/A	N/A
CT Early Retirement	70	N/A	N/A	N/A	N/A	N/A
CC Early Retirement	71	N/A	N/A	N/A	N/A	N/A
O/G Early Retirement	72	0.0	0.0	0.0	0.0	0.0
Coal Early Retirement	73	N/A	N/A	N/A	N/A	N/A
Nuke Early Retirement	74	0.0	0.0	0.0	0.0	N/A
Average		52.0	52.2	52.2	52.0	51.8

(**) Ind. Boilers not included in the average

15. Total Annual Production Cost

[MMUS$](*)	2005	2010	2015	2020	2026
Variable O&M	7075.9	7411.5	7768.8	8036.2	8334.1
Fixed O&M	21910.5	21352.5	21599.0	21701.7	22177.8
Fuel	40742.1	42548.1	44517.4	46410.1	49345.9
Capital	4011.6	6937.6	12012.4	15784.1	20380.3
Total	73740.2	78249.7	85897.6	91932.1	100238.1
Sales Revenue	0.0	0.0	0.0	0.0	0.0

(*) Costs include only those items that are important for determining incremental cost of pollution control

16. Emissions

		2005	2010	2015	2020	2026
SO2	[MTons]	10009.2497	9813.6635	9105.4292	9104.3958	9106.7145
NOX	[MTons]	4276.1624	4334.6714	4412.3403	4460.0409	4486.3687
TSP	[MTons]	0.0000	0.0000	0.0000	0.0000	0.0000
CO2	[MMTonnes]	2287.3076	2427.0556	2544.7032	2648.0142	2756.3011
Carbon	[MMTonnes]	623.8112	661.9242	694.0100	722.1857	751.7185
MER	[Tons]	44.5231	45.2212	43.3368	43.8003	44.3461

Constraint Name: SO2 Policy Case Constraint Constraint #: 1
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2005 WINTER SUMMER
Run Year, Seasons Included: 2010 WINTER SUMMER
Run Year, Seasons Included: 2015 WINTER SUMMER
Run Year, Seasons Included: 2020 WINTER SUMMER
Run Year, Seasons Included: 2026 WINTER SUMMER

Time Base: Seasonal/Annual	2005-2007	2008-2012	2013-2017	2018-2022	2023-2030
Standard - [MTon]	0.1070E+05	9158.	8950.	8950.	8950.
-Emissions at Affected Plants [MTons]	9860.	9661.	8950.	8950.	8950.
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	838.5	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn [MTons]	0.000	-503.1	0.000	0.000	0.000
Total [MTons]	0.1070E+05	9158.	8950.	8950.	8950.
TBtu Consumed	0.2097E+05	0.2175E+05	0.2222E+05	0.2256E+05	0.2280E+05
Rate - [lb/MMBtu]	0.9402	0.8885	0.8057	0.7933	0.7852
TWh Generated	2180.	2257.	2303.	2338.	2361.
Constraint Shadow Price [US$/Ton]	386.8	475.5	583.0	612.5	621.7

Constraint Name: SO2 Policy for State of Connecticut Constraint #: 2
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2005 WINTER SUMMER
Run Year, Seasons Included: 2010 WINTER SUMMER
Run Year, Seasons Included: 2015 WINTER SUMMER
Run Year, Seasons Included: 2020 WINTER SUMMER
Run Year, Seasons Included: 2026 WINTER SUMMER

Time Base: Seasonal/Annual	2005-2007	2008-2012	2013-2017	2018-2022	2023-2030
Standard - [MTon]	0.1000E+08	32.54	32.54	32.54	32.54
-Emissions at Affected Plants [MTons]	21.68	23.92	23.80	24.71	24.71
-Less Allowances Purchased [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] SO2	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	21.68	23.92	23.80	24.71	24.71
TBtu Consumed	45.46	49.52	48.75	49.96	49.96
Rate - [lb/MMBtu]	0.9539	0.9658	0.9764	0.9891	0.9891
TWh Generated	4.865	5.300	5.217	5.347	5.347
Constraint Shadow Price [US$/Ton]	0.000	0.000	0.000	0.000	0.000

Constraint Name: NOx SIP CALL Constraint Constraint #: 3
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2005 SUMMER
Run Year, Seasons Included: 2010 SUMMER
Run Year, Seasons Included: 2015 SUMMER
Run Year, Seasons Included: 2020 SUMMER
Run Year, Seasons Included: 2026 SUMMER

Time Base: Seasonal/Annual	2005-2007	2008-2012	2013-2017	2018-2022	2023-2030
Standard - [MTon]	473.0	473.0	473.0	473.0	473.0
-Emissions at Affected Plants [MTons]	473.0	473.0	473.0	473.0	473.0
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	473.0	473.0	473.0	473.0	473.0
TBtu Consumed	5326.	5688.	5975.	6286.	6561.
Rate - [lb/MMBtu]	0.1776	0.1663	0.1583	0.1505	0.1442
TWh Generated	590.1	629.7	662.0	697.4	733.2
Constraint Shadow Price [US$/Ton]	2154.	2280.	2297.	2343.	2442.

Constraint Name: NOx Policy for East Central Texas Constraint #: 4
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2005 WINTER SUMMER
Run Year, Seasons Included: 2010 WINTER SUMMER
Run Year, Seasons Included: 2015 WINTER SUMMER
Run Year, Seasons Included: 2020 WINTER SUMMER
Run Year, Seasons Included: 2026 WINTER SUMMER

Time Base: Seasonal/Annual	2005-2007	2008-2012	2013-2017	2018-2022	2023-2030
Standard - [MTon]	123.5	123.5	123.5	123.5	123.5
-Emissions at Affected Plants [MTons]	123.5	123.5	123.5	123.5	123.5
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	123.5	123.5	123.5	123.5	123.5
TBtu Consumed	1302.	1394.	1365.	1353.	1351.
Rate - [lb/MMBtu]	0.1898	0.1773	0.1811	0.1826	0.1829
TWh Generated	136.4	144.3	140.9	139.8	139.7
Constraint Shadow Price [US$/Ton]	1448.	1748.	1581.	1049.	981.2

Constraint Name: NOx Policy for Dalla/Fort Texas Constraint #: 5
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2005 WINTER SUMMER
Run Year, Seasons Included: 2010 WINTER SUMMER
Run Year, Seasons Included: 2015 WINTER SUMMER
Run Year, Seasons Included: 2020 WINTER SUMMER
Run Year, Seasons Included: 2026 WINTER SUMMER

Time Base: Seasonal/Annual	2005-2007	2008-2012	2013-2017	2018-2022	2023-2030
Standard - [MTon]	2.164	2.164	2.164	2.164	2.164
-Emissions at Affected Plants [MTons]	2.164	2.164	2.164	2.164	1.693
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	2.164	2.164	2.164	2.164	1.693
TBtu Consumed	19.60	33.07	39.78	37.88	29.60
Rate - [lb/MMBtu]	0.2208	0.1309	0.1088	0.1143	0.1144
TWh Generated	1.959	3.393	4.159	3.950	3.134
Constraint Shadow Price [US$/Ton]	2290.	9379.	1620.	465.1	0.000

Constraint Name: NOx Policy for Houston Texas Constraint #: 6
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2005 WINTER SUMMER
Run Year, Seasons Included: 2010 WINTER SUMMER
Run Year, Seasons Included: 2015 WINTER SUMMER
Run Year, Seasons Included: 2020 WINTER SUMMER
Run Year, Seasons Included: 2026 WINTER SUMMER

Time Base: Seasonal/Annual	2005-2007	2008-2012	2013-2017	2018-2022	2023-2030
Standard - [MTon]	4.710	4.710	4.710	4.710	4.710
-Emissions at Affected Plants [MTons]	4.710	4.710	4.710	4.710	4.710
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	4.710	4.710	4.710	4.710	4.710
TBtu Consumed	155.8	157.7	137.6	145.9	158.4
Rate - [lb/MMBtu]	0.6048E-01	0.5973E-01	0.6846E-01	0.6454E-01	0.5946E-01
TWh Generated	16.62	16.71	14.75	15.57	16.73
Constraint Shadow Price [US$/Ton]	0.2329E+05	0.2834E+05	0.1782E+05	0.1920E+05	0.2420E+05

Constraint Name: NOx Policy for State of Missouri Constraint #: 7
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2005 SUMMER
Run Year, Seasons Included: 2010 SUMMER
Run Year, Seasons Included: 2015 SUMMER
Run Year, Seasons Included: 2020 SUMMER
Run Year, Seasons Included: 2026 SUMMER

Time Base: Seasonal/Annual	2005-2007	2008-2012	2013-2017	2018-2022	2023-2030
Standard - [MTon]	43.95	43.95	43.95	43.95	43.95
-Emissions at Affected Plants [MTons]	43.95	43.95	43.95	43.95	43.95
-Less Allowances Purchased [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Sold [MTons] NOX	0.000	0.000	0.000	0.000	0.000
-Plus Allowances Banked [MTons]	0.000	0.000	0.000	0.000	0.000
-Less Allowances Withdrawn [MTons]	0.000	0.000	0.000	0.000	0.000
Total [MTons]	43.95	43.95	43.95	43.95	43.95
TBtu Consumed	364.2	372.6	378.6	382.9	393.1
Rate - [lb/MMBtu]	0.2413	0.2359	0.2322	0.2296	0.2236
TWh Generated	36.63	37.34	38.10	38.63	39.52
Constraint Shadow Price [US$/Ton]	1286.	1604.	1604.	1604.	1604.

Constraint Name: MER National Constraint (Non-Binding) Constraint #: 39
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2005 WINTER SUMMER
Run Year, Seasons Included: 2010 WINTER SUMMER
Run Year, Seasons Included: 2015 WINTER SUMMER
Run Year, Seasons Included: 2020 WINTER SUMMER
Run Year, Seasons Included: 2026 WINTER SUMMER

Time Base: Seasonal/Annual	2005-2007	2008-2012	2013-2017	2018-2022	2023-2030
Standard - [Lb]	0.4000E+09	0.4000E+09	0.4000E+09	0.4000E+09	0.4000E+09
-Emissions at Affected Plants [Lb]	0.8038E+05	0.8180E+05	0.7792E+05	0.7888E+05	0.8006E+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]	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]	0.8038E+05	0.8180E+05	0.7792E+05	0.7888E+05	0.8006E+05
TBtu Consumed	0.2095E+05	0.2172E+05	0.2219E+05	0.2254E+05	0.2277E+05
Rate - [lb/MMBtu]	0.3837E-05	0.3766E-05	0.3511E-05	0.3500E-05	0.3516E-05
TWh Generated	2177.	2254.	2301.	2335.	2358.
Constraint Shadow Price [US$/Lb]	0.000	0.000	0.000	0.000	0.000

Fuel Consumption Report

Fuel Consumption by Fuel and Fuel Type [TBtu]

Fuel	2005	2010	2015	2020	2026
BA	2315.0	2770.3	2755.1	2818.2	2818.2
BB	1243.7	1321.8	1567.5	1700.9	1869.2
BD	4117.5	4150.2	4720.0	4772.9	4530.4
BE	1441.5	1421.7	910.6	1173.6	1247.8
BF	1853.7	1596.9	1358.2	1131.3	1170.0
BG	2619.4	2579.2	2813.8	2775.6	2682.1
SB	5035.1	5530.3	5685.2	5954.9	6277.0
SD	1178.4	1126.8	1129.4	955.1	912.1
SE	339.5	348.2	341.9	342.0	342.0
LD	0.0	0.0	0.0	0.0	0.0
LE	0.0	0.0	0.0	0.0	0.0
LF	993.4	1070.6	1110.8	1115.1	1126.3
Coal	21137.3	21915.8	22392.5	22739.7	22975.0
NY2.2%	0.0	0.0	0.0	0.0	0.0
NY1.5%	17.1	17.1	17.1	17.1	17.1
NY0.3%	8.3	8.3	7.5	6.9	6.9
GC2.2%	0.0	0.0	0.0	0.0	0.0
GC1.5%	0.0	0.0	0.0	0.0	0.0
GC0.3%	0.0	0.0	0.0	0.0	0.0
Oil	25.4	25.4	24.6	24.0	24.0
NUC	6823.6	6353.9	6117.3	5860.1	5678.6
Nuclear	6823.6	6353.9	6117.3	5860.1	5678.6
HYDRO	0.0	0.0	0.0	0.0	0.0
Hydro	0.0	0.0	0.0	0.0	0.0
GAS	5471.9	6703.8	8072.2	9404.3	11013.1
Gas	5471.9	6703.8	8072.2	9404.3	11013.1
WASTE	21.8	21.5	23.2	22.8	21.5
XXXXXX	0.0	0.0	0.0	0.0	0.0
Other	21.8	21.5	23.2	22.8	21.5
NONE	731.8	731.8	731.8	731.8	731.8
None	731.8	731.8	731.8	731.8	731.8
B1	91.6	93.4	91.6	89.8	89.8
B3	0.0	0.0	0.0	0.0	0.0
B2	0.0	0.0	0.0	0.0	0.0
Biomass	91.6	93.4	91.6	89.8	89.8
Grand Total	34303.5	35845.6	37453.4	38872.5	40533.9

Fuel Costs by Fuel and Fuel Type [MMUS$]

Fuel	2005	2010	2015	2020	2026
BA	3062.7	3371.6	3169.6	2961.5	2694.0
BB	1391.3	1351.2	1480.0	1516.2	1523.6
BD	4830.1	4399.2	4612.0	4227.9	3575.8
BE	1586.2	1360.2	777.1	907.5	867.6
BF	1754.8	1450.5	1079.6	825.2	763.4
BG	2304.9	2051.6	2047.4	1819.8	1577.4
SB	5779.9	5766.4	5360.4	5050.4	4770.5
SD	1183.8	1010.8	942.8	737.9	633.9
SE	256.4	238.1	209.6	189.3	168.3
LD	0.0	0.0	0.0	0.0	0.0
LE	0.0	0.0	0.0	0.0	0.0
LF	1001.5	983.6	919.3	894.5	810.8
Coal	23151.7	21983.3	20597.7	19130.1	17385.4
NY2.2%	0.0	0.0	0.0	0.0	0.0
NY1.5%	58.9	60.1	61.3	62.6	62.6
NY0.3%	34.0	34.6	31.9	29.8	29.8
GC2.2%	0.0	0.0	0.0	0.0	0.0
GC1.5%	0.0	0.0	0.0	0.0	0.0
GC0.3%	0.0	0.0	0.0	0.0	0.0
Oil	92.9	94.7	93.3	92.4	92.4

NUC	2763.6	2617.8	2489.8	2379.2	2305.5
Nuclear	2763.6	2617.8	2489.8	2379.2	2305.5
HYDRO	0.0	0.0	0.0	0.0	0.0
Hydro	0.0	0.0	0.0	0.0	0.0
GAS	14608.5	17718.5	21215.6	24698.0	29453.0
Gas	14608.5	17718.5	21215.6	24698.0	29453.0
WASTE	0.0	0.0	0.0	0.0	0.0
XXXXXX	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
NONE	0.0	0.0	0.0	0.0	0.0
None	0.0	0.0	0.0	0.0	0.0
B1	125.4	133.8	121.2	110.3	109.6
B3	0.0	0.0	0.0	0.0	0.0
B2	0.0	0.0	0.0	0.0	0.0
Biomass	125.4	133.8	121.2	110.3	109.6

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

Fuel	2005	2010	2015	2020	2026
BA	1.32	1.22	1.15	1.05	0.96
BB	1.12	1.02	0.94	0.89	0.82
BD	1.17	1.06	0.98	0.89	0.79
BE	1.10	0.96	0.85	0.77	0.70
BF	0.95	0.91	0.79	0.73	0.65
BG	0.88	0.80	0.73	0.66	0.59
SB	1.15	1.04	0.94	0.85	0.76
SD	1.00	0.90	0.83	0.77	0.69
SE	0.76	0.68	0.61	0.55	0.49
LD	0.00	0.00	0.00	0.00	0.00
LE	0.00	0.00	0.00	0.00	0.00
LF	1.01	0.92	0.83	0.80	0.72
Coal	1.10	1.00	0.92	0.84	0.76
NY2.2%	0.00	0.00	0.00	0.00	0.00
NY1.5%	3.44	3.51	3.58	3.65	3.65
NY0.3%	4.09	4.16	4.24	4.31	4.31
GC2.2%	0.00	0.00	0.00	0.00	0.00
GC1.5%	0.00	0.00	0.00	0.00	0.00
GC0.3%	0.00	0.00	0.00	0.00	0.00
Oil	3.66	3.73	3.78	3.84	3.84
NUC	0.40	0.41	0.41	0.41	0.41
Nuclear	0.40	0.41	0.41	0.41	0.41
HYDRO	0.00	0.00	0.00	0.00	0.00
Hydro	0.00	0.00	0.00	0.00	0.00
GAS	2.67	2.64	2.63	2.63	2.67
Gas	2.67	2.64	2.63	2.63	2.67
WASTE	0.00	0.00	0.00	0.00	0.00
XXXXXX	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00
NONE	0.00	0.00	0.00	0.00	0.00
None	0.00	0.00	0.00	0.00	0.00
B1	1.37	1.43	1.32	1.23	1.22
B3	0.00	0.00	0.00	0.00	0.00
B2	0.00	0.00	0.00	0.00	0.00
Biomass	1.37	1.43	1.32	1.23	1.22