

NOTES:

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

| | 2007 | 2010 | 2015 | 2020 | 2026 |
|--|----------|----------|----------|----------|----------|
| 1. Reserve Margin Capacity WINTER [MW] | 918742. | 929011. | 995104. | 1075642. | 1183734. |
| Plus Firm Purchases [MW] | 0. | 0. | 0. | 0. | 0. |
| Plus Transmission In WINTER [MW] | 4382. | 7818. | 4805. | 5201. | 8602. |
| Total R.M. Capacity WINTER [MW] | 923123. | 936829. | 999910. | 1080844. | 1192336. |
| 2. Peak Load WINTER [MW] | 668845. | 709399. | 768917. | 832230. | 912422. |
| Less DSM [MW] | 0. | 0. | 0. | 0. | 0. |
| Plus Firm Sales [MW] | 0. | 0. | 0. | 0. | 0. |
| Plus Transmission Out WINTER [MW] | 4471. | 7978. | 4904. | 5308. | 8777. |
| Net Demand WINTER [MW] | 673316. | 717377. | 773821. | 837537. | 921200. |
| 3. Reserve Margin WINTER [%] | 37. | 31. | 29. | 29. | 30. |
| 1. Reserve Margin Capacity SUMMER [MW] | 918742. | 929011. | 995104. | 1075642. | 1183734. |
| Plus Firm Purchases [MW] | 0. | 0. | 0. | 0. | 0. |
| Plus Transmission In SUMMER [MW] | 28298. | 38030. | 37191. | 34930. | 35152. |
| Total R.M. Capacity SUMMER [MW] | 947040. | 967041. | 1032295. | 1110573. | 1218886. |
| 2. Peak Load SUMMER [MW] | 746704. | 793420. | 861345. | 933543. | 1025275. |
| Less DSM [MW] | 0. | 0. | 0. | 0. | 0. |
| Plus Firm Sales [MW] | 0. | 0. | 0. | 0. | 0. |
| Plus Transmission Out SUMMER [MW] | 28875. | 38806. | 37950. | 35643. | 35869. |
| Net Demand SUMMER [MW] | 775579. | 832227. | 899295. | 969186. | 1061144. |
| 3. Reserve Margin SUMMER [%] | 23. | 17. | 15. | 15. | 15. |
| 4. Generation [GWh] | 4133526. | 4367387. | 4738112. | 5140705. | 5651481. |
| Inter-Region Transmission [GWh] | -11552. | -11661. | -9772. | -9691. | -10222. |
| Pumping & Storage Losses [GWh] | 22612. | 25886. | 24238. | 27570. | 33586. |
| Plus Purchases [GWh] | 0. | 0. | 0. | 0. | 0. |
| Less Sales [GWh] | 0. | 0. | 0. | 0. | 0. |
| 5. Total Supply for Demand [GWh] | 4099362. | 4329840. | 4704102. | 5103444. | 5607673. |
| 6. Projected Demand [GWh] | 4099362. | 4329840. | 4704102. | 5103444. | 5607673. |
| Energy Not Served [GWh] | 0. | 0. | 0. | 0. | 0. |
| Less DSM [GWh] | 0. | 0. | 0. | 0. | 0. |
| Net Demand [GWh] | 4099362. | 4329840. | 4704102. | 5103444. | 5607673. |
| 7. Dumped Energy [GWh] | 0. | 0. | 0. | 0. | 0. |
| 8. Total Supply for Demand [GWh] | 4099362. | 4329840. | 4704102. | 5103444. | 5607673. |
| Less T&D Losses [GWh] | 314957. | 332665. | 361420. | 392102. | 430842. |
| 9. Total Sales [GWh] | 3784405. | 3997175. | 4342682. | 4711342. | 5176831. |
| Capacity Avoided Costs [US\$/kW] | 2007 | 2010 | 2015 | 2020 | 2026 |
| ANNUAL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WINTER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SUMMER | 1.85 | 2.13 | 35.13 | 34.01 | 32.39 |

| 10. Capacity by Plant Type [MW] | | 2007 | 2010 | 2015 | 2020 | 2026 |
|---------------------------------|----|---------|---------|----------|----------|----------|
| ----- | | | | | | |
| Scrubbed Coal_SCR | 1 | 30480. | 32969. | 68343. | 107691. | 164431. |
| Scrubbed Coal_SNCR | 2 | 2280. | 2280. | 2280. | 2280. | 2280. |
| Scrubbed Coal_NOx | 3 | 0. | 0. | 0. | 0. | 0. |
| Scrubbed Coal | 4 | 62055. | 55752. | 47155. | 47057. | 47057. |
| Unscrubbed Coal_SCR | 5 | 51360. | 20549. | 12741. | 7497. | 7437. |
| Unscrubbed Coal_SNCR | 6 | 7457. | 4462. | 3356. | 1793. | 1288. |
| Unscrubbed Coal_NOx | 7 | 0. | 0. | 0. | 0. | 0. |
| Unscrubbed Coal | 8 | 121067. | 95376. | 73797. | 65100. | 56513. |
| Oil/Gas Steam | 9 | 84270. | 79295. | 79295. | 79033. | 78250. |
| Oil/Gas Steam_SCR | 10 | 9284. | 5588. | 5588. | 5588. | 5588. |
| Oil/Gas Steam_NOx | 11 | 544. | 371. | 371. | 371. | 166. |
| Nuclear | 12 | 100221. | 100571. | 102123. | 102603. | 102603. |
| Hydro | 13 | 89877. | 89877. | 89877. | 89877. | 89877. |
| Comb.Cycle Gas | 14 | 147149. | 147429. | 158914. | 167490. | 174095. |
| IGCC | 15 | 612. | 612. | 19031. | 38705. | 67075. |
| Combustion Turbine | 16 | 130223. | 129970. | 129406. | 142670. | 162022. |
| Biomass | 17 | 1358. | 1456. | 1456. | 1456. | 1456. |
| Geothermal | 18 | 3165. | 3289. | 3399. | 3399. | 3399. |
| Landfill Gas | 19 | 796. | 828. | 1092. | 1092. | 1118. |
| Wind | 20 | 6896. | 7218. | 7312. | 7312. | 7330. |
| Fuel Cell | 21 | 0. | 0. | 0. | 0. | 0. |
| Solar | 22 | 449. | 465. | 494. | 494. | 494. |
| Non Fossil_Other | 23 | 2173. | 2207. | 2207. | 2207. | 2207. |
| Fossil_Other | 24 | 566. | 566. | 566. | 566. | 566. |
| Pump Storage | 25 | 19766. | 19766. | 19766. | 19766. | 19766. |
| Int. Imports | 26 | 9000. | 9000. | 9000. | 9000. | 9000. |
| Cgn_CT | 27 | 5542. | 5542. | 5542. | 5542. | 5542. |
| Cgn_CC | 28 | 17853. | 17836. | 17833. | 17813. | 16911. |
| Cgn_Oil/Gas Steam | 29 | 572. | 321. | 321. | 321. | 35. |
| Cgn_Biomass | 30 | 366. | 366. | 366. | 366. | 366. |
| Cgn_Fossil_Other | 31 | 361. | 361. | 361. | 361. | 361. |
| Cgn_NonFossil_Other | 32 | 314. | 314. | 314. | 314. | 314. |
| Distributed Generation | 33 | 0. | 0. | 0. | 0. | 0. |
| Rep.Coal-CC | 34 | 0. | 915. | 915. | 915. | 915. |
| Rep.O/G-CC | 35 | 0. | 14110. | 14110. | 14110. | 14110. |
| Rep.Coal-IGCC | 36 | 0. | 117. | 117. | 117. | 117. |
| Ret.Scrubber | 37 | 1605. | 6518. | 7784. | 15028. | 19838. |
| Ret.ExistSCR & Scrub | 38 | 2727. | 32891. | 40536. | 45670. | 45729. |
| Ret.ExistSNCR & Scrub | 39 | 502. | 3434. | 4517. | 6048. | 6472. |
| Ret.SCR | 40 | 15846. | 24087. | 25059. | 15658. | 14823. |
| Ret.ExistScrub & SCR | 41 | 4260. | 10368. | 18535. | 18633. | 18633. |
| Ret.SNCR | 42 | 201. | 390. | 1795. | 1795. | 1795. |
| Ret.ExistScrub & SNCR | 43 | 0. | 0. | 430. | 430. | 430. |
| Ret.SCR+Scrb | 44 | 3165. | 14018. | 31552. | 42026. | 45887. |
| Ret.SNCR+Scrub | 45 | 0. | 0. | 0. | 0. | 0. |
| 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. | 90. | 90. | 90. | 90. |
| Ret.ExistScrub&ACI | 50 | 0. | 195. | 195. | 195. | 195. |
| 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. | 215. | 215. | 215. | 215. |
| 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 | 437. | 437. | 437. | 437. | 437. |
| Ret.O/G SNCR | 66 | 760. | 3631. | 3631. | 3631. | 3631. |
| Ret.Nuclear (age 30+10 yrs) | 67 | 0. | 0. | 0. | 0. | 0. |
| Ret.Nuclear (age 40+20 yrs) | 68 | 0. | 0. | 0. | 0. | 0. |
| Ret. Biomass Cofiring | 69 | 0. | 0. | 0. | 0. | 0. |
| CT Early Retirement | 70 | 2326. | 2579. | 3143. | 3143. | 3143. |
| CC Early Retirement | 71 | 883. | 1070. | 1566. | 1586. | 2941. |
| O/G Early Retirement | 72 | 31396. | 32316. | 32316. | 32577. | 33852. |
| Coal Early Retirement | 73 | 992. | 1317. | 1317. | 1317. | 1953. |
| Nuke Early Retirement | 74 | 0. | 0. | 0. | 0. | 0. |
| ----- | | | | | | |
| Total | | 971158. | 983335. | 1050565. | 1131385. | 1242752. |

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

| | | 2007 | 2010 | 2015 | 2020 | 2026 |
|------------------------------|----|--------|--------|---------|---------|---------|
| Scrubbed Coal_SCR | 1 | 0. | 1699. | 35374. | 39348. | 56739. |
| Scrubbed Coal_SNCR | 2 | 0. | 0. | 0. | 0. | 0. |
| Scrubbed Coal_NOx | 3 | 0. | 0. | 0. | 0. | 0. |
| Scrubbed Coal | 4 | 0. | 0. | 0. | 0. | 0. |
| Unscrubbed Coal_SCR | 5 | 0. | 0. | 0. | 0. | 0. |
| Unscrubbed Coal_SNCR | 6 | 0. | 0. | 0. | 0. | 0. |
| Unscrubbed Coal_NOx | 7 | 0. | 0. | 0. | 0. | 0. |
| Unscrubbed Coal | 8 | 0. | 0. | 0. | 0. | 0. |
| Oil/Gas Steam | 9 | 0. | 0. | 0. | 0. | 0. |
| Oil/Gas Steam_SCR | 10 | 0. | 0. | 0. | 0. | 0. |
| Oil/Gas Steam_NOx | 11 | 0. | 0. | 0. | 0. | 0. |
| Nuclear | 12 | 0. | 0. | 0. | 0. | 0. |
| Hydro | 13 | 0. | 0. | 0. | 0. | 0. |
| Comb.Cycle Gas | 14 | 0. | 450. | 11978. | 8576. | 7058. |
| IGCC | 15 | 0. | 0. | 18419. | 19674. | 28370. |
| Combustion Turbine | 16 | 0. | 0. | 0. | 13264. | 19352. |
| Biomass | 17 | 0. | 0. | 0. | 0. | 0. |
| Geothermal | 18 | 0. | 0. | 0. | 0. | 0. |
| Landfill Gas | 19 | 247. | 0. | 264. | 0. | 26. |
| Wind | 20 | 0. | 0. | 34. | 0. | 19. |
| Fuel Cell | 21 | 0. | 0. | 0. | 0. | 0. |
| Solar | 22 | 0. | 0. | 0. | 0. | 0. |
| Non Fossil_Other | 23 | 0. | 0. | 0. | 0. | 0. |
| Fossil_Other | 24 | 0. | 0. | 0. | 0. | 0. |
| Pump Storage | 25 | 0. | 0. | 0. | 0. | 0. |
| Int. Imports | 26 | 0. | 0. | 0. | 0. | 0. |
| Cgn_CT | 27 | 0. | 0. | 0. | 0. | 0. |
| Cgn_CC | 28 | 0. | 0. | 0. | 0. | 0. |
| Cgn_Oil/Gas Steam | 29 | 0. | 0. | 0. | 0. | 0. |
| Cgn_Biomass | 30 | 0. | 0. | 0. | 0. | 0. |
| Cgn_Fossil_Other | 31 | 0. | 0. | 0. | 0. | 0. |
| Cgn_NonFossil_Other | 32 | 0. | 0. | 0. | 0. | 0. |
| Distributed Generation | 33 | 0. | 0. | 0. | 0. | 0. |
| Rep.Coal-CC | 34 | 0. | 915. | 0. | 0. | 0. |
| Rep.O/G-CC | 35 | 0. | 14110. | 0. | 0. | 0. |
| Rep.Coal-IGCC | 36 | 0. | 117. | 0. | 0. | 0. |
| Ret.Scrubber | 37 | 1605. | 11971. | 4999. | 8086. | 6989. |
| Ret.ExistSCR & Scrub | 38 | 2727. | 30164. | 7644. | 5134. | 59. |
| Ret.ExistSNCR & Scrub | 39 | 502. | 2932. | 1083. | 1531. | 424. |
| Ret.SCR | 40 | 15846. | 8973. | 8956. | 0. | 0. |
| Ret.ExistScrub & SCR | 41 | 4260. | 6108. | 8167. | 98. | 0. |
| Ret.SNCR | 42 | 201. | 189. | 1405. | 0. | 0. |
| Ret.ExistScrub & SNCR | 43 | 0. | 0. | 430. | 0. | 0. |
| Ret.SCR+Scrb | 44 | 3165. | 10853. | 17533. | 10475. | 3860. |
| Ret.SNCR+Scrub | 45 | 0. | 0. | 0. | 0. | 0. |
| 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. | 90. | 0. | 0. | 0. |
| Ret.ExistScrub&ACI | 50 | 0. | 195. | 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&SNCR | 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. | 215. | 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 | 437. | 0. | 0. | 0. | 0. |
| Ret.O/G SNCR | 66 | 760. | 2871. | 0. | 0. | 0. |
| Ret.Nuclear (age 30+10 yrs) | 67 | 0. | 0. | 0. | 0. | 0. |
| Ret.Nuclear (age 40+20 yrs) | 68 | 0. | 0. | 0. | 0. | 0. |
| Ret. Biomass Cofiring | 69 | 0. | 0. | 0. | 0. | 0. |
| CT Early Retirement | 70 | 2326. | 253. | 564. | 0. | 0. |
| CC Early Retirement | 71 | 883. | 187. | 496. | 20. | 1355. |
| O/G Early Retirement | 72 | 31396. | 920. | 0. | 261. | 1275. |
| Coal Early Retirement | 73 | 992. | 325. | 0. | 0. | 636. |
| Nuke Early Retirement | 74 | 0. | 0. | 0. | 0. | 0. |
| Total | | 65347. | 93537. | 117346. | 106467. | 126162. |

| 12. Generation by Plant Type [GWh] | | 2007 | 2010 | 2015 | 2020 | 2026 |
|------------------------------------|----|----------|----------|----------|----------|----------|
| ----- | | | | | | |
| Scrubbed Coal_SCR | 1 | 226963. | 245505. | 508659. | 801312. | 1218037. |
| Scrubbed Coal_SNCR | 2 | 16747. | 16597. | 16597. | 16273. | 15803. |
| Scrubbed Coal_NOx | 3 | 0. | 0. | 0. | 0. | 0. |
| Scrubbed Coal | 4 | 459900. | 414125. | 347719. | 341515. | 338221. |
| Unscrubbed Coal_SCR | 5 | 373640. | 149453. | 93643. | 55467. | 53518. |
| Unscrubbed Coal_SNCR | 6 | 48686. | 30965. | 23409. | 11729. | 8309. |
| Unscrubbed Coal_NOx | 7 | 0. | 0. | 0. | 0. | 0. |
| Unscrubbed Coal | 8 | 834280. | 682243. | 528625. | 444500. | 371718. |
| Oil/Gas Steam | 9 | 43371. | 26022. | 14774. | 11157. | 8118. |
| Oil/Gas Steam_SCR | 10 | 22391. | 1676. | 974. | 1141. | 1007. |
| Oil/Gas Steam_NOx | 11 | 0. | 0. | 0. | 0. | 0. |
| Nuclear | 12 | 785243. | 798667. | 811008. | 808645. | 796944. |
| Hydro | 13 | 275692. | 275692. | 275692. | 275692. | 275692. |
| Comb.Cycle Gas | 14 | 609951. | 682934. | 686093. | 685225. | 608362. |
| IGCC | 15 | 4702. | 4702. | 146173. | 297284. | 515183. |
| Combustion Turbine | 16 | 30810. | 40057. | 30271. | 44368. | 58811. |
| Biomass | 17 | 9222. | 9400. | 9507. | 9011. | 9015. |
| Geothermal | 18 | 24121. | 25066. | 25904. | 25904. | 25904. |
| Landfill Gas | 19 | 6168. | 6420. | 8387. | 8387. | 8581. |
| Wind | 20 | 14091. | 14738. | 14944. | 14944. | 15013. |
| Fuel Cell | 21 | 0. | 0. | 0. | 0. | 0. |
| Solar | 22 | 444. | 459. | 488. | 488. | 488. |
| Non Fossil_Other | 23 | 17132. | 17400. | 17400. | 17400. | 17400. |
| Fossil_Other | 24 | 4462. | 4462. | 4462. | 4462. | 4462. |
| Pump Storage | 25 | 17020. | 19463. | 18379. | 20946. | 25522. |
| Int. Imports | 26 | 41303. | 44063. | 40296. | 27331. | 13578. |
| Cgn_CT | 27 | 2589. | 2000. | 1147. | 986. | 640. |
| Cgn_CC | 28 | 44093. | 40731. | 24357. | 23341. | 20358. |
| Cgn_Oil/Gas Steam | 29 | 1153. | 0. | 0. | 0. | 0. |
| Cgn_Biomass | 30 | 2781. | 2669. | 2743. | 2792. | 2784. |
| Cgn_Fossil_Other | 31 | 2319. | 2309. | 2846. | 2846. | 2846. |
| Cgn_NonFossil_Other | 32 | 2412. | 2412. | 2412. | 2412. | 2412. |
| Distributed Generation | 33 | 0. | 0. | 0. | 0. | 0. |
| Rep.Coal-CC | 34 | 0. | 351. | 630. | 840. | 676. |
| Rep.O/G-CC | 35 | 0. | 111743. | 106597. | 103100. | 101968. |
| Rep.Coal-IGCC | 36 | 0. | 903. | 903. | 903. | 903. |
| Ret.Scrubber | 37 | 11955. | 48533. | 57961. | 110981. | 144761. |
| Ret.ExistSCR & Scrub | 38 | 20306. | 244919. | 300865. | 338841. | 336838. |
| Ret.ExistSNCR & Scrub | 39 | 3738. | 25570. | 33635. | 44552. | 47497. |
| Ret.SCR | 40 | 117789. | 176911. | 182493. | 112937. | 102116. |
| Ret.ExistScrub & SCR | 41 | 31718. | 77203. | 137864. | 138360. | 136393. |
| Ret.SNCR | 42 | 1156. | 2442. | 11920. | 10479. | 9466. |
| Ret.ExistScrub & SNCR | 43 | 0. | 0. | 3202. | 3202. | 2905. |
| Ret.SCR+Scrb | 44 | 23571. | 104385. | 234942. | 312940. | 341452. |
| Ret.SNCR+Scrub | 45 | 0. | 0. | 0. | 0. | 0. |
| 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. | 667. | 667. | 667. | 667. |
| Ret.ExistScrub&ACI | 50 | 0. | 1452. | 1452. | 1452. | 1452. |
| 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. | 1602. | 1602. | 1602. | 1602. |
| 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 | 807. | 807. | 461. | 461. | 461. |
| Ret.O/G SNCR | 66 | 801. | 9669. | 6009. | 3828. | 3597. |
| Ret.Nuclear (age 30+10 yrs) | 67 | 0. | 0. | 0. | 0. | 0. |
| Ret.Nuclear (age 40+20 yrs) | 68 | 0. | 0. | 0. | 0. | 0. |
| 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 | | 4133526. | 4367387. | 4738112. | 5140705. | 5651481. |

| 12a. Generation by Fuel Type [GWh] | 2007 | 2010 | 2015 | 2020 | 2026 |
|------------------------------------|----------|----------|----------|----------|----------|
| ----- | ----- | ----- | ----- | ----- | ----- |
| Coal | 2175151. | 2228177. | 2632332. | 3044996. | 3646841. |
| Oil | 1153. | 0. | 0. | 0. | 0. |
| Nuclear | 785243. | 798667. | 811008. | 808645. | 796944. |
| Hydro | 275692. | 275692. | 275692. | 275692. | 275692. |
| Gas | 754813. | 915990. | 871312. | 874447. | 803999. |
| Other | 12949. | 13192. | 15695. | 15695. | 15889. |
| None | 116523. | 123601. | 119824. | 109426. | 100318. |
| Biomass | 12002. | 12069. | 12249. | 11803. | 11799. |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Total | 4133526. | 4367387. | 4738112. | 5140705. | 5651481. |

| 13. Generation by Plant Type [TBtu] | | 2007 | 2010 | 2015 | 2020 | 2026 |
|-------------------------------------|----|--------|--------|--------|--------|--------|
| <hr/> | | | | | | |
| Scrubbed Coal_SCR | 1 | 774. | 838. | 1736. | 2734. | 4156. |
| Scrubbed Coal_SNCR | 2 | 57. | 57. | 57. | 56. | 54. |
| Scrubbed Coal_NOx | 3 | 0. | 0. | 0. | 0. | 0. |
| Scrubbed Coal | 4 | 1569. | 1413. | 1186. | 1165. | 1154. |
| Unscrubbed Coal_SCR | 5 | 1275. | 510. | 320. | 189. | 183. |
| Unscrubbed Coal_SNCR | 6 | 166. | 106. | 80. | 40. | 28. |
| Unscrubbed Coal_NOx | 7 | 0. | 0. | 0. | 0. | 0. |
| Unscrubbed Coal | 8 | 2847. | 2328. | 1804. | 1517. | 1268. |
| Oil/Gas Steam | 9 | 148. | 89. | 50. | 38. | 28. |
| Oil/Gas Steam_SCR | 10 | 76. | 6. | 3. | 4. | 3. |
| Oil/Gas Steam_NOx | 11 | 0. | 0. | 0. | 0. | 0. |
| Nuclear | 12 | 2679. | 2725. | 2767. | 2759. | 2719. |
| Hydro | 13 | 941. | 941. | 941. | 941. | 941. |
| Comb.Cycle Gas | 14 | 2081. | 2330. | 2341. | 2338. | 2076. |
| IGCC | 15 | 16. | 16. | 499. | 1014. | 1758. |
| Combustion Turbine | 16 | 105. | 137. | 103. | 151. | 201. |
| Biomass | 17 | 31. | 32. | 32. | 31. | 31. |
| Geothermal | 18 | 82. | 86. | 88. | 88. | 88. |
| Landfill Gas | 19 | 21. | 22. | 29. | 29. | 29. |
| Wind | 20 | 48. | 50. | 51. | 51. | 51. |
| Fuel Cell | 21 | 0. | 0. | 0. | 0. | 0. |
| Solar | 22 | 2. | 2. | 2. | 2. | 2. |
| Non Fossil_Other | 23 | 58. | 59. | 59. | 59. | 59. |
| Fossil_Other | 24 | 15. | 15. | 15. | 15. | 15. |
| Pump Storage | 25 | 58. | 66. | 63. | 71. | 87. |
| Int. Imports | 26 | 141. | 150. | 137. | 93. | 46. |
| Cgn_CT | 27 | 9. | 7. | 4. | 3. | 2. |
| Cgn_CC | 28 | 150. | 139. | 83. | 80. | 69. |
| Cgn_Oil/Gas Steam | 29 | 4. | 0. | 0. | 0. | 0. |
| Cgn_Biomass | 30 | 9. | 9. | 9. | 10. | 10. |
| Cgn_Fossil_Other | 31 | 8. | 8. | 10. | 10. | 10. |
| Cgn_NonFossil_Other | 32 | 8. | 8. | 8. | 8. | 8. |
| Distributed Generation | 33 | 0. | 0. | 0. | 0. | 0. |
| Rep.Coal-CC | 34 | 0. | 1. | 2. | 3. | 2. |
| Rep.O/G-CC | 35 | 0. | 381. | 364. | 352. | 348. |
| Rep.Coal-IGCC | 36 | 0. | 3. | 3. | 3. | 3. |
| Ret.Scrubber | 37 | 41. | 166. | 198. | 379. | 494. |
| Ret.ExistSCR & Scrub | 38 | 69. | 836. | 1027. | 1156. | 1149. |
| Ret.ExistSNCR & Scrub | 39 | 13. | 87. | 115. | 152. | 162. |
| Ret.SCR | 40 | 402. | 604. | 623. | 385. | 348. |
| Ret.ExistScrub & SCR | 41 | 108. | 263. | 470. | 472. | 465. |
| Ret.SNCR | 42 | 4. | 8. | 41. | 36. | 32. |
| Ret.ExistScrub & SNCR | 43 | 0. | 0. | 11. | 11. | 10. |
| Ret.SCR+Scrb | 44 | 80. | 356. | 802. | 1068. | 1165. |
| Ret.SNCR+Scrub | 45 | 0. | 0. | 0. | 0. | 0. |
| 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. | 2. | 2. | 2. | 2. |
| Ret.ExistScrub&ACI | 50 | 0. | 5. | 5. | 5. | 5. |
| 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. | 5. | 5. | 5. | 5. |
| 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 | 3. | 3. | 2. | 2. | 2. |
| Ret.O/G SNCR | 66 | 3. | 33. | 21. | 13. | 12. |
| Ret.Nuclear (age 30+10 yrs) | 67 | 0. | 0. | 0. | 0. | 0. |
| Ret.Nuclear (age 40+20 yrs) | 68 | 0. | 0. | 0. | 0. | 0. |
| 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. |
| <hr/> | | <hr/> | | | | |
| Total | | 14104. | 14902. | 16166. | 17540. | 19283. |

| 14. Capacity Factor by Plant Type [%] | | 2007 | 2010 | 2015 | 2020 | 2026 |
|---------------------------------------|----|------|------|------|------|------|
| Scrubbed Coal_SCR | 1 | 85.0 | 85.0 | 85.0 | 84.9 | 84.6 |
| Scrubbed Coal_SNCR | 2 | 83.8 | 83.1 | 83.1 | 81.5 | 79.1 |
| Scrubbed Coal_NOx | 3 | N/A | N/A | N/A | N/A | N/A |
| Scrubbed Coal | 4 | 84.6 | 84.8 | 84.2 | 82.8 | 82.0 |
| Unscrubbed Coal_SCR | 5 | 83.0 | 83.0 | 83.9 | 84.5 | 82.1 |
| Unscrubbed Coal_SNCR | 6 | 74.5 | 79.2 | 79.6 | 74.7 | 73.7 |
| Unscrubbed Coal_NOx | 7 | N/A | N/A | N/A | N/A | N/A |
| Unscrubbed Coal | 8 | 78.7 | 81.7 | 81.8 | 77.9 | 75.1 |
| Oil/Gas Steam | 9 | 5.9 | 3.7 | 2.1 | 1.6 | 1.2 |
| Oil/Gas Steam_SCR | 10 | 27.5 | 3.4 | 2.0 | 2.3 | 2.1 |
| Oil/Gas Steam_NOx | 11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nuclear | 12 | 89.4 | 90.7 | 90.7 | 90.0 | 88.7 |
| Hydro | 13 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 |
| Comb.Cycle Gas | 14 | 47.3 | 52.9 | 49.3 | 46.7 | 39.9 |
| IGCC | 15 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| Combustion Turbine | 16 | 2.7 | 3.5 | 2.7 | 3.6 | 4.1 |
| Biomass | 17 | 77.5 | 73.7 | 74.5 | 70.7 | 70.7 |
| Geothermal | 18 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| Landfill Gas | 19 | 88.5 | 88.5 | 87.7 | 87.7 | 87.6 |
| Wind | 20 | 23.3 | 23.3 | 23.3 | 23.3 | 23.4 |
| Fuel Cell | 21 | N/A | N/A | N/A | N/A | N/A |
| Solar | 22 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 |
| Non Fossil_Other | 23 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| Fossil_Other | 24 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| Pump Storage | 25 | 9.8 | 11.2 | 10.6 | 12.1 | 14.7 |
| Int. Imports | 26 | 52.4 | 55.9 | 51.1 | 34.7 | 17.2 |
| Cgn_CT | 27 | 5.3 | 4.1 | 2.4 | 2.0 | 1.3 |
| Cgn_CC | 28 | 28.2 | 26.1 | 15.6 | 15.0 | 13.7 |
| Cgn_Oil/Gas Steam | 29 | 23.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cgn_Biomass | 30 | 86.7 | 83.2 | 85.5 | 87.1 | 86.8 |
| Cgn_Fossil_Other | 31 | 73.3 | 73.0 | 90.0 | 90.0 | 90.0 |
| Cgn_NonFossil_Other | 32 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| Distributed Generation | 33 | N/A | N/A | N/A | N/A | N/A |
| Rep.Coal-CC | 34 | N/A | 4.4 | 7.9 | 10.5 | 8.4 |
| Rep.O/G-CC | 35 | N/A | 90.4 | 86.2 | 83.4 | 82.5 |
| Rep.Coal-IGCC | 36 | N/A | 87.7 | 87.7 | 87.7 | 87.7 |
| Ret.Scrubber | 37 | 85.0 | 85.0 | 85.0 | 84.3 | 83.3 |
| Ret.ExistSCR & Scrub | 38 | 85.0 | 85.0 | 84.7 | 84.7 | 84.1 |
| Ret.ExistSNCR & Scrub | 39 | 85.0 | 85.0 | 85.0 | 84.1 | 83.8 |
| Ret.SCR | 40 | 84.9 | 83.8 | 83.1 | 82.3 | 78.6 |
| Ret.ExistScrub & SCR | 41 | 85.0 | 85.0 | 84.9 | 84.8 | 83.6 |
| Ret.SNCR | 42 | 65.7 | 71.5 | 75.8 | 66.6 | 60.2 |
| Ret.ExistScrub & SNCR | 43 | 0.0 | 0.0 | 85.0 | 85.0 | 77.1 |
| Ret.SCR+Scrb | 44 | 85.0 | 85.0 | 85.0 | 85.0 | 84.9 |
| Ret.SNCR+Scrub | 45 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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 | 0.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| Ret.ExistScrub&ACI | 50 | 0.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| Ret.ExistSCR&ACI | 51 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ret.ExistSNCR&ACI | 52 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ret.ACI & SCR | 53 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ret.ExistScrub&ACI&SCR | 54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ret.ACI & SNCR | 55 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ret.ExistScrub&ACI&SNCR | 56 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ret.ACI & Srub | 57 | 0.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| Ret.ExistSCR&ACI&Scrub | 58 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ret.ExistSNCR&ACI&Scrub | 59 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ret.ExistSNCR&ExistScrub&ACI | 60 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ret.ExistSCR&ExistScrub&ACI | 61 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ret.ExistNOx&ExistScrub&ACI | 62 | N/A | N/A | N/A | N/A | N/A |
| Ret.SCR & Scrub & ACI | 63 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ret.SNCR & Scrub & ACI | 64 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ret.O/G SCR | 65 | 21.1 | 21.1 | 12.0 | 12.0 | 12.0 |
| Ret.O/G SNCR | 66 | 12.0 | 30.4 | 18.9 | 12.0 | 11.3 |
| Ret.Nuclear (age 30+10 yrs) | 67 | N/A | N/A | N/A | N/A | N/A |
| Ret.Nuclear (age 40+20 yrs) | 68 | N/A | N/A | N/A | N/A | N/A |
| Ret. Biomass Cofiring | 69 | N/A | N/A | N/A | N/A | N/A |
| CT Early Retirement | 70 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| CC Early Retirement | 71 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| O/G Early Retirement | 72 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Coal Early Retirement | 73 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nuke Early Retirement | 74 | N/A | N/A | N/A | N/A | N/A |
| Average | | 48.6 | 50.7 | 51.5 | 51.9 | 51.9 |

| 15. Total Annual Production Cost [MMUS\$](*) | 2007 | 2010 | 2015 | 2020 | 2026 |
|--|---------|---------|----------|----------|----------|
| Variable O&M | 6661.5 | 7974.2 | 9397.2 | 10784.9 | 12414.0 |
| Fixed O&M | 29324.2 | 30396.1 | 33926.7 | 37577.1 | 40361.9 |
| Fuel | 51387.1 | 53265.7 | 55364.6 | 56331.5 | 58693.0 |
| Capital | 739.7 | 3349.3 | 14333.3 | 25918.3 | 41698.7 |
| Total | 88112.6 | 94985.2 | 113021.8 | 130611.8 | 153167.6 |
| 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 (industrial boiler costs are included) | | | | | |

| 15a Total Annual Resource Cost [MMUS\$](*) | 2007 | 2010 | 2015 | 2020 | 2026 |
|--|----------|----------|----------|----------|----------|
| Variable O&M | 6661.5 | 7974.2 | 9397.2 | 10784.9 | 12414.0 |
| Fixed O&M | 29324.2 | 30396.1 | 33926.7 | 37577.1 | 40361.9 |
| Fuel Total | 98363.4 | 101777.3 | 120405.1 | 128495.1 | 132682.0 |
| Fuel Elec.+Steam | 40321.2 | 43236.0 | 49909.4 | 54095.6 | 55714.5 |
| Capital | 739.7 | 3349.3 | 14333.3 | 25918.3 | 41698.7 |
| Total IPM | 135088.9 | 143496.7 | 178062.2 | 202775.5 | 227156.7 |
| Total Elec.+Steam | 77046.7 | 84955.5 | 107566.6 | 128375.9 | 150189.1 |
| 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 (industrial boiler costs are included) | | | | | |

| 16. Emissions | 2007 | 2010 | 2015 | 2020 | 2026 |
|-------------------|-----------|-----------|-----------|-----------|-----------|
| SO2 [MTons] | 8114.6283 | 6283.6762 | 5209.0229 | 4265.9446 | 3969.7653 |
| NOX [MTons] | 3697.4956 | 2449.8097 | 2208.9095 | 2232.6241 | 2281.8568 |
| TSP [MTons] | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| CO2 [MMTonnes] | 2453.2254 | 2560.6225 | 2841.5177 | 3151.3136 | 3575.9065 |
| Carbon [MMTonnes] | 669.0615 | 698.3516 | 774.9594 | 859.4492 | 975.2472 |

Fuel Consumption by Fuel and Fuel Type [TBtu]

| Fuel | 2007 | 2010 | 2015 | 2020 | 2026 |
|-------------|---------|---------|---------|---------|---------|
| Coal | 22673.8 | 23289.8 | 26611.9 | 29911.8 | 34717.3 |
| Oil | 10.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nuclear | 8276.8 | 8417.2 | 8543.8 | 8518.1 | 8394.5 |
| Hydro | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gas | 5869.0 | 6901.7 | 6362.0 | 6319.6 | 5772.7 |
| Other | 153.2 | 156.4 | 186.4 | 186.4 | 189.1 |
| None | 591.7 | 606.5 | 619.5 | 619.5 | 619.5 |
| Biomass | 112.9 | 113.2 | 115.1 | 110.8 | 110.5 |
| Grand Total | 37688.0 | 39484.9 | 42438.7 | 45666.2 | 49803.5 |

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

| Fuel | 2007 | 2010 | 2015 | 2020 | 2026 |
|---------|---------|---------|---------|---------|---------|
| Coal | 25397.2 | 24337.0 | 26835.6 | 28827.2 | 32827.1 |
| Oil | 35.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nuclear | 3410.0 | 3467.9 | 3477.3 | 3458.3 | 3408.2 |
| Hydro | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gas | 22354.8 | 25273.4 | 24861.9 | 23870.7 | 22283.3 |
| Other | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| None | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Biomass | 189.9 | 187.4 | 189.8 | 175.3 | 174.4 |

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

| Fuel | 2007 | 2010 | 2015 | 2020 | 2026 |
|---------|------|------|------|------|------|
| Coal | 1.12 | 1.04 | 1.01 | 0.96 | 0.95 |
| Oil | 3.29 | 0.00 | 0.00 | 0.00 | 0.00 |
| Nuclear | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| Hydro | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Gas | 3.81 | 3.66 | 3.91 | 3.78 | 3.86 |
| Other | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| None | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Biomass | 1.68 | 1.66 | 1.65 | 1.58 | 1.58 |

Environmental Measures Report

| SO ₂ Policy Case Constraint | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Total Title IV Emissions | 7880 | 6053 | 4983 | 4047 | 3740 |
| MTons Banked | 6506 | 0 | 0 | 0 | 0 |
| MTons Withdrawn | 0 | 0 | -936 | -365 | 0 |
| Rate - [lb/MMBtu] | 0.697 | 0.523 | 0.376 | 0.272 | 0.216 |
| TBtu Consumed | 22601 | 23170 | 26497 | 29797 | 34602 |
| Non-CAIR Shadow Price (US\$/Ton) | 772 | 481 | 481 | 553 | 643 |
| CAIR Shadow Price (US\$/Ton) | 772 | 755 | 1168 | 1514 | 1763 |

Constraint Name: WRAP SO2 Policy Case Constraint
 Constraint Type: Rate Cap [MTons]
 Run Year, Seasons Included: 2007 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

Constraint #: 3

| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|------------|-------------|
| Standard - [MTon] | 0.000 | 0.000 | 0.000 | 198.9 | 198.9 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.000 | 198.9 | 198.9 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.5416E-11 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | -0.3385E-11 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 198.9 | 198.9 |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 1543. | 1543. |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.2578 | 0.2578 |
| TWh Generated | 0.000 | 0.000 | 0.000 | 148.9 | 148.9 |
| TWh Generated Qualifying | 0.000 | 0.000 | 0.000 | 148.9 | 148.9 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 1138. | 930.1 |

Constraint Name: NOx SIP CALL and CAIR Constraint
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007 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

Constraint #: 5

| | | | | | |
|--|------------|------------|-------------|------------|-------------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 528.0 | 1547. | 1289. | 1289. | 1289. |
| -Emissions at Affected Plants [MTons] | 528.0 | 1547. | 1289. | 1289. | 1289. |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.2438E-10 | 0.8708E-09 | 0.000 | 0.7423E-11 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | -0.8495E-09 | 0.000 | -0.2099E-10 |
| Total [MTons] | 528.0 | 1547. | 1289. | 1289. | 1289. |
| | | | | | |
| TBtu Consumed | 6737. | 0.2304E+05 | 0.2503E+05 | 0.2731E+05 | 0.2999E+05 |
| Rate - [lb/MMBtu] | 0.1567 | 0.1343 | 0.1030 | 0.9439E-01 | 0.8596E-01 |
| TWh Generated | 673.9 | 2352. | 2607. | 2900. | 3250. |
| TWh Generated Qualifying | 673.9 | 2352. | 2607. | 2900. | 3250. |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 2345. | 1356. | 1740. | 1747. | 1760. |

Constraint Name: NOx SIPCall and CAIR Rhode Island Constraint (Sepa Constraint #: 6
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 0.000 | 0.9970 | 0.9970 | 0.9970 | 0.9970 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.3042 | 0.1917 | 0.1715 | 0.4510E-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 | 0.2045 | 0.000 | 0.1378E-02 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | -0.3538E-01 | 0.000 | -0.1065 |
| Total [MTons] | 0.000 | 0.5086 | 0.1563 | 0.1729 | -0.6144E-01 |
| | | | | | |
| TBtu Consumed | 0.000 | 19.08 | 11.85 | 10.17 | 3.403 |
| Rate - [lb/MMBtu] | 0.000 | 0.3188E-01 | 0.3235E-01 | 0.3373E-01 | 0.2651E-01 |
| TWh Generated | 0.000 | 2.378 | 1.457 | 1.241 | 0.4363 |
| TWh Generated Qualifying | 0.000 | 2.378 | 1.457 | 1.241 | 0.4363 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.8233E-08 | 0.6962E-08 | 0.7568E-08 | 0.5028E-08 |

Constraint Name: NOx SIPCall and CAIR Connecticut Constraint (Separ Constraint #: 7
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|------------|------------|------------|------------|
| Standard - [MTon] | 0.000 | 4.360 | 3.633 | 3.633 | 3.633 |
| -Emissions at Affected Plants [MTons] | 0.000 | 3.205 | 2.478 | 2.305 | 1.865 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.1820 | 0.4019E-02 | 0.4901E-01 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | -0.1469 |
| Total [MTons] | 0.000 | 3.387 | 2.482 | 2.354 | 1.718 |
| TBtu Consumed | 0.000 | 47.03 | 37.27 | 34.95 | 29.05 |
| Rate - [lb/MMBtu] | 0.000 | 0.1363 | 0.1330 | 0.1319 | 0.1284 |
| TWh Generated | 0.000 | 5.557 | 4.309 | 3.991 | 3.202 |
| TWh Generated Qualifying | 0.000 | 5.557 | 4.309 | 3.991 | 3.202 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.4609E-08 | 0.5063E-08 | 0.5292E-08 | 0.3707E-08 |

Constraint Name: NOx SIPCall and CAIR Massachusetts Constraint (Sep Constraint #: 8
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 0.000 | 8.927 | 7.439 | 7.439 | 7.439 |
| -Emissions at Affected Plants [MTons] | 0.000 | 8.402 | 7.787 | 7.552 | 7.413 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.5056 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | -0.3642 | -0.1299 | -0.7171E-02 |
| Total [MTons] | 0.000 | 8.908 | 7.423 | 7.422 | 7.406 |
| TBtu Consumed | 0.000 | 173.1 | 153.6 | 143.5 | 137.6 |
| Rate - [lb/MMBtu] | 0.000 | 0.9707E-01 | 0.1014 | 0.1053 | 0.1077 |
| TWh Generated | 0.000 | 21.39 | 18.89 | 17.47 | 16.68 |
| TWh Generated Qualifying | 0.000 | 21.39 | 18.89 | 17.47 | 16.68 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.2136E-06 | 0.2852E-06 | 0.3650E-06 | 0.1888E-06 |

Constraint Name: NOX Policy for State of Illinois
Constraint Type: Rate Limit [lb/MMBtu]
Run Year, Seasons Included: 2007 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

Constraint #: 9

| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|------------|------------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.2500 | 0.2500 | 0.2500 | 0.2500 | 0.2500 |
| -Emissions at Affected Plants [MTons] | 28.86 | 27.21 | 27.03 | 25.48 | 23.75 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 28.86 | 27.21 | 27.03 | 25.48 | 23.75 |
| TBtu Consumed | 444.1 | 486.8 | 498.7 | 479.5 | 447.9 |
| Rate - [lb/MMBtu] | 0.1300 | 0.1118 | 0.1084 | 0.1063 | 0.1060 |
| TWh Generated | 42.21 | 45.88 | 47.00 | 45.26 | 42.18 |
| TWh Generated Qualifying | 42.21 | 45.88 | 47.00 | 45.26 | 42.18 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.8096E-09 | 0.1786E-09 | 0.2447E-09 | 0.3056E-09 | 0.2955E-09 |

Constraint Name: NOX Policy for State of Massachusetts
 Constraint Type: Rate Limit [lb/MWh]
 Constraint #: 10
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| Standard - [lb/MWh] | 1.500 | 1.500 | 1.500 | 1.500 | 1.500 |
| -Emissions at Affected Plants [MTons] | 7.860 | 12.70 | 12.70 | 12.70 | 12.69 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 7.860 | 12.70 | 12.70 | 12.70 | 12.69 |
| TBtu Consumed | 109.4 | 163.5 | 163.5 | 163.5 | 163.5 |
| Rate - [lb/MMBtu] | 0.1436 | 0.1553 | 0.1553 | 0.1553 | 0.1552 |
| TWh Generated | 10.48 | 16.93 | 16.93 | 16.93 | 16.92 |
| TWh Generated Qualifying | 10.48 | 16.93 | 16.93 | 16.93 | 16.92 |
| Constraint Shadow Price [US\$/Ton] | 355.5 | 2568. | 889.6 | 63.39 | 1392. |

Constraint Name: SO2 Policy for State of Massachusetts
Constraint Type: Rate Limit [lb/MWh]
Run Year, Seasons Included: 2007 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

Constraint #: 11

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MWh] | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 |
| -Emissions at Affected Plants [MTons] | 10.30 | 17.56 | 17.56 | 17.56 | 17.55 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 10.30 | 17.56 | 17.56 | 17.56 | 17.55 |
| TBtu Consumed | 108.2 | 128.3 | 128.3 | 128.3 | 128.3 |
| Rate - [lb/MMBtu] | 0.1904 | 0.2738 | 0.2738 | 0.2738 | 0.2736 |
| TWh Generated | 10.37 | 11.71 | 11.71 | 11.71 | 11.70 |
| TWh Generated Qualifying | 10.37 | 11.71 | 11.71 | 11.71 | 11.70 |
| Constraint Shadow Price [US\$/Ton] | 1938. | 568.3 | 388.4 | 532.1 | 393.7 |

Constraint Name: CO2 Policy for State of Massachusetts Constraint #: 12
 Constraint Type: Rate Limit [lb/MWh]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MWh] | 1800. | 1800. | 1800. | 1800. | 1800. |
| -Emissions at Affected Plants [MTons] | 9432. | 0.1523E+05 | 0.1523E+05 | 0.1523E+05 | 0.1523E+05 |
| -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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 9432. | 0.1523E+05 | 0.1523E+05 | 0.1523E+05 | 0.1523E+05 |
| | | | | | |
| TBtu Consumed | 109.4 | 163.5 | 163.5 | 163.5 | 163.5 |
| Rate - [lb/MMBtu] | 172.4 | 186.3 | 186.3 | 186.3 | 186.3 |
| TWh Generated | 10.48 | 16.93 | 16.93 | 16.93 | 16.92 |
| TWh Generated Qualifying | 10.48 | 16.93 | 16.93 | 16.93 | 16.92 |
| Constraint Shadow Price [US\$/Ton] | 40.67 | 0.4502E-09 | 0.6338E-09 | 0.5773E-09 | 2.569 |

Constraint Name: NOx Policy for State of North Carolina Progressive Constraint #: 13

Constraint Type: Rate Cap [MTons]

Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 |
| -Emissions at Affected Plants [MTons] | 21.65 | 20.24 | 17.83 | 16.39 | 16.36 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 21.65 | 20.24 | 17.83 | 16.39 | 16.36 |
| TBtu Consumed | 402.6 | 407.5 | 411.4 | 400.1 | 399.1 |
| Rate - [lb/MMBtu] | 0.1075 | 0.9933E-01 | 0.8669E-01 | 0.8191E-01 | 0.8196E-01 |
| TWh Generated | 36.56 | 37.01 | 37.08 | 36.13 | 36.04 |
| TWh Generated Qualifying | 36.56 | 37.01 | 37.08 | 36.13 | 36.04 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.8937E-08 | 0.1783E-08 | 0.6776E-09 | 0.7187E-09 | 0.6708E-09 |

Constraint Name: NOx Policy for State of North Carolina Duke
Constraint Type: Rate Cap [MTons] Constraint #: 14
Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 35.00 | 31.80 | 31.00 | 31.00 | 31.00 |
| -Emissions at Affected Plants [MTons] | 35.00 | 23.29 | 22.99 | 22.93 | 22.03 |
| -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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 35.00 | 23.29 | 22.99 | 22.93 | 22.03 |
| TBtu Consumed | 572.8 | 585.8 | 578.2 | 582.6 | 561.2 |
| Rate - [lb/MMBtu] | 0.1222 | 0.7953E-01 | 0.7951E-01 | 0.7873E-01 | 0.7850E-01 |
| TWh Generated | 52.75 | 53.71 | 52.87 | 53.11 | 51.12 |
| TWh Generated Qualifying | 52.75 | 53.71 | 52.87 | 53.11 | 51.12 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 45.02 | 0.1475E-08 | 0.6468E-09 | 0.7461E-09 | 0.6098E-09 |

Constraint Name: SO2 Policy for State of North Carolina Progressive Constraint #: 15
 Constraint Type: Rate Cap [MTons]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|------------|------------|------------|------------|
| Standard - [MTon] | 0.000 | 100.0 | 50.00 | 50.00 | 50.00 |
| -Emissions at Affected Plants [MTons] | 0.000 | 96.46 | 25.14 | 25.20 | 21.71 |
| -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] | 0.000 | 96.46 | 25.14 | 25.20 | 21.71 |
| TBtu Consumed | 0.000 | 407.5 | 411.4 | 400.1 | 399.1 |
| Rate - [lb/MMBtu] | 0.000 | 0.4735 | 0.1222 | 0.1260 | 0.1088 |
| TWh Generated | 0.000 | 37.01 | 37.08 | 36.13 | 36.04 |
| TWh Generated Qualifying | 0.000 | 37.01 | 37.08 | 36.13 | 36.04 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.1171E-08 | 0.1360E-08 | 0.9536E-09 | 0.3991E-09 |

Constraint Name: SO2 Policy for State of North Carolina Duke
Constraint Type: Rate Cap [MTons] Constraint #: 16
Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 0.000 | 150.0 | 80.00 | 80.00 | 80.00 |
| -Emissions at Affected Plants [MTons] | 0.000 | 123.5 | 80.00 | 37.26 | 34.00 |
| -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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 123.5 | 80.00 | 37.26 | 34.00 |
| TBtu Consumed | 0.000 | 585.8 | 578.2 | 582.6 | 561.2 |
| Rate - [lb/MMBtu] | 0.000 | 0.4218 | 0.2767 | 0.1279 | 0.1212 |
| TWh Generated | 0.000 | 53.71 | 52.87 | 53.11 | 51.12 |
| TWh Generated Qualifying | 0.000 | 53.71 | 52.87 | 53.11 | 51.12 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.2749E-08 | 44.97 | 0.3856E-09 | 0.2641E-09 |

Constraint Name: NOx Policy for State of New Hampshire
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007 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

Constraint #: 17

| | | | | | |
|--|------------|------------|-------------|------------|------------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 3.644 | 3.644 | 3.644 | 3.644 | 3.644 |
| -Emissions at Affected Plants [MTons] | 2.008 | 2.082 | 2.126 | 2.100 | 1.996 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.9038 | 0.5340E-01 | 0.000 | 0.2392E-01 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | -0.1885E-01 | 0.000 | -0.1495 |
| Total [MTons] | 2.912 | 2.136 | 2.107 | 2.124 | 1.847 |
| TBtu Consumed | 42.64 | 43.35 | 43.78 | 43.53 | 42.54 |
| Rate - [lb/MMBtu] | 0.9419E-01 | 0.9606E-01 | 0.9714E-01 | 0.9650E-01 | 0.9386E-01 |
| TWh Generated | 3.921 | 3.976 | 4.010 | 3.990 | 3.913 |
| TWh Generated Qualifying | 3.921 | 3.976 | 4.010 | 3.990 | 3.913 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.5835E-07 | 0.2133E-08 | 0.2369E-08 | 0.2816E-08 | 0.2048E-08 |

Constraint Name: NOx Policy for State of New Hampshire - Hillsborou Constraint #: 18
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.1500 | 0.1500 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 1.161 | 1.161 | 1.153 | 1.153 | 1.006 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.9206 | 0.000 | 0.1436E-04 | 0.3380E-01 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | -0.2356E-01 | 0.000 | 0.000 | -0.1215 |
| Total [MTons] | 2.082 | 1.138 | 1.153 | 1.187 | 0.8847 |
| TBtu Consumed | 48.79 | 48.79 | 48.71 | 48.71 | 40.65 |
| Rate - [lb/MMBtu] | 0.4760E-01 | 0.4760E-01 | 0.4734E-01 | 0.4734E-01 | 0.4951E-01 |
| TWh Generated | 5.993 | 5.993 | 5.987 | 5.987 | 4.889 |
| TWh Generated Qualifying | 5.993 | 5.993 | 5.987 | 5.987 | 4.889 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.9355E-08 | 0.1894E-08 | 0.2016E-08 | 0.2323E-08 | 0.2035E-08 |

Constraint Name: NOx Policy for State of New Hampshire Remaining Co Constraint #: 19
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| Standard - [lb/MMBtu] | 0.2000 | 0.2000 | 0.2000 | 0.2000 | 0.2000 |
| -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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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] | 2946. | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: SO2 Policy for State of New Hampshire
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007 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

Constraint #: 20

| | | | | | |
|--|------------|-----------|-----------|------------|-------------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 7.289 | 7.289 | 7.289 | 7.289 | 7.289 |
| -Emissions at Affected Plants [MTons] | 7.289 | 7.152 | 7.426 | 7.289 | 7.289 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.1593E-10 | 0.1370 | 0.000 | 0.2121E-11 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | -0.1370 | 0.000 | -0.5230E-11 |
| Total [MTons] | 7.289 | 7.289 | 7.289 | 7.289 | 7.289 |
| TBtu Consumed | 42.54 | 43.24 | 43.74 | 43.49 | 42.54 |
| Rate - [lb/MMBtu] | 0.3427 | 0.3308 | 0.3395 | 0.3352 | 0.3427 |
| TWh Generated | 3.913 | 3.968 | 4.007 | 3.987 | 3.913 |
| TWh Generated Qualifying | 3.913 | 3.968 | 4.007 | 3.987 | 3.913 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 874.0 | 618.0 | 801.6 | 690.4 | 604.4 |

Constraint Name: CO2 Policy for State of New Hampshire
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007 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

Constraint #: 21

| | | | | | |
|--|------------|------------|-------------|------------|------------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 5426. | 5426. | 5426. | 5426. | 5426. |
| -Emissions at Affected Plants [MTons] | 4373. | 4445. | 4492. | 4467. | 4366. |
| -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] | 74.73 | 0.000 | 0.000 | 0.3658 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | -13.72 | -0.4598E-01 | 0.000 | -0.9626 |
| Total [MTons] | 4447. | 4432. | 4492. | 4467. | 4365. |
| TBtu Consumed | 42.64 | 43.35 | 43.78 | 43.53 | 42.54 |
| Rate - [lb/MMBtu] | 205.1 | 205.1 | 205.2 | 205.2 | 205.3 |
| TWh Generated | 3.921 | 3.976 | 4.010 | 3.990 | 3.913 |
| TWh Generated Qualifying | 3.921 | 3.976 | 4.010 | 3.990 | 3.913 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.2374E-09 | 0.4691E-10 | 0.6940E-10 | 0.8059E-10 | 0.7027E-10 |

Constraint Name: NOx Policy for State of New York
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007 WINTER
Run Year, Seasons Included: 2010 WINTER
Run Year, Seasons Included: 2015 WINTER
Run Year, Seasons Included: 2020 WINTER
Run Year, Seasons Included: 2026 WINTER

Constraint #: 22

| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|------------|------------|------------|------------|------------|
| Standard - [MTon] | 39.91 | 39.91 | 39.91 | 39.91 | 39.91 |
| -Emissions at Affected Plants [MTons] | 29.94 | 22.68 | 18.24 | 18.11 | 16.61 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 4.413 | 0.000 | 0.9143E-02 | 0.3644E-01 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | -0.5700 | 0.000 | 0.000 | -0.2239 |
| Total [MTons] | 34.35 | 22.11 | 18.25 | 18.15 | 16.38 |
| TBtu Consumed | 351.1 | 356.4 | 396.9 | 453.1 | 514.9 |
| Rate - [lb/MMBtu] | 0.1706 | 0.1273 | 0.9193E-01 | 0.7995E-01 | 0.6450E-01 |
| TWh Generated | 39.99 | 43.04 | 49.86 | 57.83 | 66.73 |
| TWh Generated Qualifying | 39.99 | 43.04 | 49.86 | 57.83 | 66.73 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.9315E-08 | 0.6090E-09 | 0.8071E-09 | 0.1187E-08 | 0.1213E-08 |

Constraint Name: SO2 Policy for State of New York
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007 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

Constraint #: 23

| | | | | | |
|--|------------|------------|------------|------------|------------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 197.0 | 131.4 | 131.4 | 131.4 | 131.4 |
| -Emissions at Affected Plants [MTons] | 115.6 | 77.65 | 50.05 | 46.20 | 38.74 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 64.43 | 0.000 | 0.2598E-01 | 0.9300E-01 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | -12.48 | 0.000 | 0.000 | -0.3267 |
| Total [MTons] | 180.1 | 65.17 | 50.07 | 46.30 | 38.42 |
| TBtu Consumed | 270.4 | 254.6 | 403.1 | 476.4 | 607.0 |
| Rate - [lb/MMBtu] | 0.8551 | 0.6099 | 0.2483 | 0.1940 | 0.1277 |
| TWh Generated | 26.76 | 25.25 | 45.79 | 55.98 | 74.79 |
| TWh Generated Qualifying | 26.76 | 25.25 | 45.79 | 55.98 | 74.79 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.7963E-09 | 0.7043E-09 | 0.4962E-09 | 0.3135E-09 | 0.2288E-09 |

Constraint Name: NOx Policy for State of Wisconsin
Constraint Type: Rate Limit [lb/MMBtu]
Run Year, Seasons Included: 2007 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

Constraint #: 24

| | | | | | |
|--|-----------|------------|------------|------------|------------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.2500 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 0.000 | 13.34 | 8.979 | 8.348 | 8.239 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.000 | 13.34 | 8.979 | 8.348 | 8.239 |
| | | | | | |
| TBtu Consumed | 0.000 | 202.6 | 201.0 | 197.0 | 193.4 |
| Rate - [lb/MMBtu] | 0.000 | 0.1317 | 0.8937E-01 | 0.8474E-01 | 0.8520E-01 |
| TWh Generated | 0.000 | 19.28 | 19.01 | 18.64 | 18.30 |
| TWh Generated Qualifying | 0.000 | 19.28 | 19.01 | 18.64 | 18.30 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.4024E-09 | 0.8218E-09 | 0.1145E-08 | 0.9655E-09 |

Constraint Name: SO2 Policy for State of Wisconsin
Constraint Type: Rate Limit [lb/MMBtu]
Run Year, Seasons Included: 2007 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

Constraint #: 25

| | | | | | |
|--|-----------|------------|------------|------------|------------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.7000 | 0.4500 | 0.4500 | 0.4500 |
| -Emissions at Affected Plants [MTons] | 0.000 | 36.17 | 24.36 | 22.38 | 20.74 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 0.000 | 36.17 | 24.36 | 22.38 | 20.74 |
| | | | | | |
| TBtu Consumed | 0.000 | 202.6 | 201.0 | 197.0 | 193.4 |
| Rate - [lb/MMBtu] | 0.000 | 0.3571 | 0.2424 | 0.2272 | 0.2145 |
| TWh Generated | 0.000 | 19.28 | 19.01 | 18.64 | 18.30 |
| TWh Generated Qualifying | 0.000 | 19.28 | 19.01 | 18.64 | 18.30 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.1719E-09 | 0.3021E-09 | 0.4127E-09 | 0.3464E-09 |

| | |
|---|------------------|
| Constraint Name: NOx Policy for Houston Texas | Constraint #: 26 |
| Constraint Type: Rate Cap [MTons] | |
| Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 8.450 | 8.450 | 8.450 | 8.450 | 8.450 |
| -Emissions at Affected Plants [MTons] | 8.450 | 8.450 | 8.450 | 8.450 | 8.450 |
| -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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 8.450 | 8.450 | 8.450 | 8.450 | 8.450 |
| TBtu Consumed | 311.4 | 310.5 | 261.5 | 257.3 | 275.1 |
| Rate - [lb/MMBtu] | 0.5428E-01 | 0.5443E-01 | 0.6463E-01 | 0.6568E-01 | 0.6142E-01 |
| TWh Generated | 33.41 | 33.17 | 26.89 | 26.58 | 29.52 |
| TWh Generated Qualifying | 33.41 | 33.17 | 26.89 | 26.58 | 29.52 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.2221E+05 | 0.2003E+05 | 0.1083E+05 | 5489. | 4753. |

Constraint Name: NOx Policy for Dallas/Fort Texas
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007 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

Constraint #: 27

| | | | | | |
|--|------------|------------|------------|------------|------------|
| Time Base: Seasonal/Annual | 2007-2007 | 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] | 0.9841 | 1.618 | 0.6233 | 0.5524 | 0.4356 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.9841 | 1.618 | 0.6233 | 0.5524 | 0.4356 |
| TBtu Consumed | 32.96 | 49.68 | 23.71 | 18.31 | 15.36 |
| Rate - [lb/MMBtu] | 0.5972E-01 | 0.6516E-01 | 0.5258E-01 | 0.6032E-01 | 0.5674E-01 |
| TWh Generated | 3.131 | 4.597 | 2.258 | 1.739 | 1.459 |
| TWh Generated Qualifying | 3.131 | 4.597 | 2.258 | 1.739 | 1.459 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.5355E-07 | 0.1268E-07 | 0.1098E-07 | 0.1458E-07 | 0.1082E-07 |

Constraint Name: NOx Policy for East Central Texas
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007 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

Constraint #: 28

| | | | | | |
|--|------------|-----------|------------|------------|------------|
| Time Base: Seasonal/Annual | 2007-2007 | 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] | 122.6 | 123.5 | 108.3 | 98.38 | 91.43 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 122.6 | 123.5 | 108.3 | 98.38 | 91.43 |
| TBtu Consumed | 1730. | 1805. | 1495. | 1347. | 1210. |
| Rate - [lb/MMBtu] | 0.1417 | 0.1369 | 0.1449 | 0.1461 | 0.1511 |
| TWh Generated | 183.1 | 189.1 | 152.8 | 138.0 | 122.2 |
| TWh Generated Qualifying | 183.1 | 189.1 | 152.8 | 138.0 | 122.2 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.1942E-07 | 253.2 | 0.5241E-09 | 0.5263E-09 | 0.3805E-09 |

Constraint Name: SO2 Policy for Texas East (Senate Bill 7) Constraint #: 29
 Constraint Type: Rate Cap [MTons]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|------------|------------|------------|------------|------------|
| Standard - [MTon] | 111.2 | 111.2 | 111.2 | 111.2 | 111.2 |
| -Emissions at Affected Plants [MTons] | 85.64 | 85.64 | 56.55 | 8.137 | 7.786 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 85.64 | 85.64 | 56.55 | 8.137 | 7.786 |
| TBtu Consumed | 171.3 | 171.3 | 168.3 | 162.7 | 155.7 |
| Rate - [lb/MMBtu] | 1.000 | 1.000 | 0.6718 | 0.1000 | 0.1000 |
| TWh Generated | 16.98 | 16.98 | 16.59 | 15.86 | 15.12 |
| TWh Generated Qualifying | 16.98 | 16.98 | 16.59 | 15.86 | 15.12 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.1776E-08 | 0.2389E-09 | 0.2214E-09 | 0.2080E-09 | 0.1795E-09 |

Constraint Name: NOx Policy for Rest of Texas East
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007 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

Constraint #: 30

| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|------------|------------|------------|------------|------------|
| Standard - [MTon] | 58.37 | 58.37 | 58.37 | 58.37 | 58.37 |
| -Emissions at Affected Plants [MTons] | 28.59 | 29.70 | 23.44 | 20.57 | 18.10 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 28.59 | 29.70 | 23.44 | 20.57 | 18.10 |
| TBtu Consumed | 366.9 | 455.3 | 339.7 | 288.2 | 250.2 |
| Rate - [lb/MMBtu] | 0.1559 | 0.1305 | 0.1380 | 0.1428 | 0.1447 |
| TWh Generated | 35.82 | 43.70 | 32.74 | 27.72 | 24.27 |
| TWh Generated Qualifying | 35.82 | 43.70 | 32.74 | 27.72 | 24.27 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.2318E-08 | 0.3262E-09 | 0.3871E-09 | 0.5229E-09 | 0.4051E-09 |

Constraint Name: NOx Policy for Texas West
Constraint Type: Rate Cap [MTons]

Constraint #: 31

Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 18.03 | 18.03 | 18.03 | 18.03 | 18.03 |
| -Emissions at Affected Plants [MTons] | 6.388 | 6.903 | 3.733 | 3.099 | 2.697 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 6.388 | 6.903 | 3.733 | 3.099 | 2.697 |
| TBtu Consumed | 65.33 | 192.2 | 129.7 | 101.3 | 98.06 |
| Rate - [lb/MMBtu] | 0.1956 | 0.7184E-01 | 0.5756E-01 | 0.6121E-01 | 0.5501E-01 |
| TWh Generated | 6.030 | 25.59 | 17.89 | 13.92 | 13.63 |
| TWh Generated Qualifying | 6.030 | 25.59 | 17.89 | 13.92 | 13.63 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.4488E-08 | 0.6480E-09 | 0.8678E-09 | 0.1308E-08 | 0.1045E-08 |

Constraint Name: NOx Policy for El Paso Texas
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007 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

Constraint #: 32

| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|------------|------------|------------|------------|------------|
| Standard - [MTon] | 1.058 | 1.058 | 1.058 | 1.058 | 1.058 |
| -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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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] | 0.1898E-07 | 0.3751E-08 | 0.4835E-08 | 0.6310E-08 | 0.5121E-08 |

Constraint Name: CFR Connecticut NOx Facility Specific Constraint Constraint #: 33
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.1500 | 0.1500 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 2.113 | 2.113 | 2.113 | 2.113 | 2.113 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 2.113 | 2.113 | 2.113 | 2.113 | 2.113 |
| | | | | | |
| TBtu Consumed | 28.17 | 28.17 | 28.17 | 28.17 | 28.17 |
| Rate - [lb/MMBtu] | 0.1500 | 0.1500 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 2.821 | 2.821 | 2.821 | 2.821 | 2.821 |
| TWh Generated Qualifying | 2.821 | 2.821 | 2.821 | 2.821 | 2.821 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 2276. | 155.9 | 353.4 | 2587. | 795.8 |

Constraint Name: CDU Connecticut NOx Facility Specific Constraint Constraint #: 34
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.1500 | 0.1500 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 0.4644 | 0.4644 | 0.4644 | 0.4644 | 0.4644 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.4644 | 0.4644 | 0.4644 | 0.4644 | 0.4644 |
| | | | | | |
| TBtu Consumed | 15.48 | 15.48 | 15.48 | 15.48 | 15.48 |
| Rate - [lb/MMBtu] | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 |
| TWh Generated | 1.452 | 1.452 | 1.452 | 1.452 | 1.452 |
| TWh Generated Qualifying | 1.452 | 1.452 | 1.452 | 1.452 | 1.452 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: BSM Connecticut NOx Facility Specific Constraint Constraint #: 35
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.1500 | 0.1500 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 0.1852 | 0.1852 | 0.8683E-01 | 0.8683E-01 | 0.2890E-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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.1852 | 0.1852 | 0.8683E-01 | 0.8683E-01 | 0.2890E-01 |
| | | | | | |
| TBtu Consumed | 2.485 | 2.485 | 1.165 | 1.165 | 0.3879 |
| Rate - [lb/MMBtu] | 0.1490 | 0.1490 | 0.1490 | 0.1490 | 0.1490 |
| TWh Generated | 0.2632 | 0.2632 | 0.1234 | 0.1234 | 0.4109E-01 |
| TWh Generated Qualifying | 0.2632 | 0.2632 | 0.1234 | 0.1234 | 0.4109E-01 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: BLR Connecticut NOx Facility Specific Constraint Constraint #: 36
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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] | 1355. | 921.6 | 1054. | 1064. | 1183. |

Constraint Name: BLQ Connecticut NOx Facility Specific Constraint Constraint #: 37
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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: BKB Connecticut NOx Facility Specific Constraint Constraint #: 38
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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 | 4467. | 4116. | 4361. | 2997. |

Constraint Name: BKA Connecticut NOx Facility Specific Constraint Constraint #: 39
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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: BJE Connecticut NOx Facility Specific Constraint Constraint #: 40
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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] | 4216. | 2088. | 2092. | 2270. | 2108. |

Constraint Name: BJD Connecticut NOx Facility Specific Constraint Constraint #: 41
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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: ATH Connecticut NOx Facility Specific Constraint Constraint #: 42
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.1500 | 0.1500 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 4.882 | 4.353 | 3.491 | 2.693 | 1.728 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 4.882 | 4.353 | 3.491 | 2.693 | 1.728 |
| TBtu Consumed | 65.53 | 58.43 | 46.86 | 36.15 | 23.19 |
| Rate - [lb/MMBtu] | 0.1490 | 0.1490 | 0.1490 | 0.1490 | 0.1490 |
| TWh Generated | 9.002 | 8.028 | 6.438 | 4.967 | 3.186 |
| TWh Generated Qualifying | 9.002 | 8.028 | 6.438 | 4.967 | 3.186 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: AIO Connecticut NOx Facility Specific Constraint Constraint #: 43
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.1500 | 0.1500 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.4017E-01 | 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.4017E-01 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.5392 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.1490 | 0.000 | 0.000 | 0.000 |
| TWh Generated | 0.000 | 0.4289E-01 | 0.000 | 0.000 | 0.000 |
| TWh Generated Qualifying | 0.000 | 0.4289E-01 | 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: AIN Connecticut NOx Facility Specific Constraint Constraint #: 44
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.1500 | 0.1500 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 0.5639E-01 | 0.1047 | 0.2408E-01 | 0.2408E-01 | 0.2408E-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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.5639E-01 | 0.1047 | 0.2408E-01 | 0.2408E-01 | 0.2408E-01 |
| | | | | | |
| TBtu Consumed | 0.7569 | 1.405 | 0.3232 | 0.3232 | 0.3232 |
| Rate - [lb/MMBtu] | 0.1490 | 0.1490 | 0.1490 | 0.1490 | 0.1490 |
| TWh Generated | 0.7099E-01 | 0.1318 | 0.3031E-01 | 0.3031E-01 | 0.3031E-01 |
| TWh Generated Qualifying | 0.7099E-01 | 0.1318 | 0.3031E-01 | 0.3031E-01 | 0.3031E-01 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: AIM Connecticut NOx Facility Specific Constraint Constraint #: 45
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.1500 | 0.1500 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 0.3984 | 0.3984 | 0.1327 | 0.1327 | 0.4418E-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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.3984 | 0.3984 | 0.1327 | 0.1327 | 0.4418E-01 |
| | | | | | |
| TBtu Consumed | 5.348 | 5.348 | 1.782 | 1.782 | 0.5930 |
| Rate - [lb/MMBtu] | 0.1490 | 0.1490 | 0.1490 | 0.1490 | 0.1490 |
| TWh Generated | 0.6147 | 0.6147 | 0.2048 | 0.2048 | 0.6817E-01 |
| TWh Generated Qualifying | 0.6147 | 0.6147 | 0.2048 | 0.2048 | 0.6817E-01 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: AIL Connecticut NOx Facility Specific Constraint Constraint #: 46
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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: AIK Connecticut NOx Facility Specific Constraint Constraint #: 47
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.1500 | 0.1500 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 0.1745E-01 | 0.1745E-01 | 0.1745E-01 | 0.1745E-01 | 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.1745E-01 | 0.1745E-01 | 0.1745E-01 | 0.1745E-01 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.2342 | 0.2342 | 0.2342 | 0.2342 | 0.000 |
| Rate - [lb/MMBtu] | 0.1490 | 0.1490 | 0.1490 | 0.1490 | 0.000 |
| TWh Generated | 0.2067E-01 | 0.2067E-01 | 0.2067E-01 | 0.2067E-01 | 0.000 |
| TWh Generated Qualifying | 0.2067E-01 | 0.2067E-01 | 0.2067E-01 | 0.2067E-01 | 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: CFR Connecticut SO2 Facility Specific Constraint Constraint #: 48
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.3300 | 0.3300 | 0.3300 | 0.3300 | 0.3300 |
| -Emissions at Affected Plants [MTons] | 4.649 | 4.649 | 4.560 | 4.649 | 4.649 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 4.649 | 4.649 | 4.560 | 4.649 | 4.649 |
| | | | | | |
| TBtu Consumed | 28.17 | 28.17 | 28.17 | 28.17 | 28.17 |
| Rate - [lb/MMBtu] | 0.3300 | 0.3300 | 0.3237 | 0.3300 | 0.3300 |
| TWh Generated | 2.821 | 2.821 | 2.821 | 2.821 | 2.821 |
| TWh Generated Qualifying | 2.821 | 2.821 | 2.821 | 2.821 | 2.821 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 1158. | 46.56 | 0.3675E-07 | 94.01 | 619.1 |

Constraint Name: CDU Connecticut SO2 Facility Specific Constraint Constraint #: 49
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.3300 | 0.3300 | 0.3300 | 0.3300 | 0.3300 |
| -Emissions at Affected Plants [MTons] | 1.788 | 1.788 | 1.788 | 1.788 | 1.788 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 1.788 | 1.788 | 1.788 | 1.788 | 1.788 |
| TBtu Consumed | 15.48 | 15.48 | 15.48 | 15.48 | 15.48 |
| Rate - [lb/MMBtu] | 0.2310 | 0.2310 | 0.2310 | 0.2310 | 0.2310 |
| TWh Generated | 1.452 | 1.452 | 1.452 | 1.452 | 1.452 |
| TWh Generated Qualifying | 1.452 | 1.452 | 1.452 | 1.452 | 1.452 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.1878E-07 | 0.3191E-08 | 0.3962E-08 | 0.5184E-08 | 0.4488E-08 |

Constraint Name: BLR Connecticut SO2 Facility Specific Constraint Constraint #: 50
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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: BLQ Connecticut SO2 Facility Specific Constraint Constraint #: 51
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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: BKB Connecticut SO2 Facility Specific Constraint Constraint #: 52
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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: BKA Connecticut SO2 Facility Specific Constraint Constraint #: 53
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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: BJE Connecticut SO2 Facility Specific Constraint Constraint #: 54
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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: BJD Connecticut SO2 Facility Specific Constraint Constraint #: 55
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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: CFR Connecticut Hg Facility Specific Constraint Constraint #: 56
 Constraint Type: Required Removal Level
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Emission Floor - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Emissions at Affected Plants [Lb] | 133.0 | 43.35 | 43.20 | 43.35 | 43.35 |
| -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] | 133.0 | 43.35 | 43.20 | 43.35 | 43.35 |
| TBtu Consumed | 28.17 | 28.17 | 28.17 | 28.17 | 28.17 |
| Rate - [lb/MMBtu] | 0.4722E-05 | 0.1539E-05 | 0.1533E-05 | 0.1539E-05 | 0.1539E-05 |
| TWh Generated | 2.821 | 2.821 | 2.821 | 2.821 | 2.821 |
| TWh Generated Qualifying | 2.821 | 2.821 | 2.821 | 2.821 | 2.821 |
| Constraint Shadow Price [US\$/Lb] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CDU Connecticut Hg Facility Specific Constraint Constraint #: 57
 Constraint Type: Required Removal Level
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Emission Floor - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Emissions at Affected Plants [Lb] | 128.3 | 28.51 | 28.51 | 28.51 | 28.51 |
| -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] | 128.3 | 28.51 | 28.51 | 28.51 | 28.51 |
| TBtu Consumed | 15.48 | 15.48 | 15.48 | 15.48 | 15.48 |
| Rate - [lb/MMBtu] | 0.8289E-05 | 0.1842E-05 | 0.1842E-05 | 0.1842E-05 | 0.1842E-05 |
| TWh Generated | 1.452 | 1.452 | 1.452 | 1.452 | 1.452 |
| TWh Generated Qualifying | 1.452 | 1.452 | 1.452 | 1.452 | 1.452 |
| Constraint Shadow Price [US\$/Lb] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CCV Illinois NOx Facility Specific Constraint Constraint #: 58
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.2500 | 0.2500 | 0.2500 | 0.2500 | 0.2500 |
| -Emissions at Affected Plants [MTons] | 0.4296 | 0.4296 | 0.4296 | 0.4296 | 0.4296 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.4296 | 0.4296 | 0.4296 | 0.4296 | 0.4296 |
| | | | | | |
| TBtu Consumed | 14.32 | 14.32 | 14.32 | 14.32 | 14.32 |
| Rate - [lb/MMBtu] | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 |
| TWh Generated | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 |
| TWh Generated Qualifying | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: ASU Illinois NOx Facility Specific Constraint Constraint #: 59
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| Standard - [lb/MMBtu] | 0.2500 | 0.2500 | 0.2500 | 0.2500 | 0.2500 |
| -Emissions at Affected Plants [MTons] | 1.251 | 1.453 | 1.453 | 1.453 | 1.453 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 1.251 | 1.453 | 1.453 | 1.453 | 1.453 |
| TBtu Consumed | 10.05 | 11.67 | 11.67 | 11.67 | 11.67 |
| Rate - [lb/MMBtu] | 0.2490 | 0.2490 | 0.2490 | 0.2490 | 0.2490 |
| TWh Generated | 1.360 | 1.580 | 1.580 | 1.580 | 1.580 |
| TWh Generated Qualifying | 1.360 | 1.580 | 1.580 | 1.580 | 1.580 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: AFF Illinois NOx Facility Specific Constraint Constraint #: 60
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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: AFE Illinois NOx Facility Specific Constraint Constraint #: 61
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| Standard - [lb/MMBtu] | 0.2500 | 0.2500 | 0.2500 | 0.2500 | 0.2500 |
| -Emissions at Affected Plants [MTons] | 0.5679 | 1.185 | 2.330 | 1.893 | 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.5679 | 1.185 | 2.330 | 1.893 | 1.324 |
| TBtu Consumed | 4.561 | 9.519 | 18.71 | 15.20 | 10.63 |
| Rate - [lb/MMBtu] | 0.2490 | 0.2490 | 0.2490 | 0.2490 | 0.2490 |
| TWh Generated | 0.4312 | 0.8999 | 1.769 | 1.437 | 1.005 |
| TWh Generated Qualifying | 0.4312 | 0.8999 | 1.769 | 1.437 | 1.005 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CKT Maine NOx Facility Specific Constraint Constraint #: 62
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.2200 | 0.2200 | 0.2200 | 0.2200 | 0.2200 |
| -Emissions at Affected Plants [MTons] | 0.6637 | 0.6637 | 0.6637 | 0.6637 | 0.6637 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.6637 | 0.6637 | 0.6637 | 0.6637 | 0.6637 |
| | | | | | |
| TBtu Consumed | 6.033 | 6.033 | 6.033 | 6.033 | 6.033 |
| Rate - [lb/MMBtu] | 0.2200 | 0.2200 | 0.2200 | 0.2200 | 0.2200 |
| TWh Generated | 0.5659 | 0.5659 | 0.5659 | 0.5659 | 0.5659 |
| TWh Generated Qualifying | 0.5659 | 0.5659 | 0.5659 | 0.5659 | 0.5659 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.3883E+05 | 589.4 | 566.9 | 587.8 | 339.3 |

Constraint Name: BLS Maine NOx Facility Specific Constraint Constraint #: 63
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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] | 5427. | 141.4 | 212.4 | 323.9 | 393.0 |

Constraint Name: BJG Maine NOx Facility Specific Constraint Constraint #: 64
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| 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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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] | 3028. | 690.5 | 814.5 | 1019. | 1256. |

Constraint Name: BJF Maine NOx Facility Specific Constraint Constraint #: 65
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| Standard - [lb/MMBtu] | 0.2200 | 0.2200 | 0.2200 | 0.2200 | 0.2200 |
| -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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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] | 1524. | 439.3 | 511.0 | 629.8 | 782.1 |

Constraint Name: BEB Maine NOx Facility Specific Constraint Constraint #: 66
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| Standard - [lb/MMBtu] | 0.2200 | 0.2200 | 0.2200 | 0.2200 | 0.2200 |
| -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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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] | 1311. | 666.9 | 796.2 | 783.5 | 870.5 |

Constraint Name: CZV New Source Review NOX Facility Specific Constr Constraint #: 67
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|------------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.9436 | 0.9436 | 0.9436 | 0.9436 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.000 | 0.9436 | 0.9436 | 0.9436 | 0.9436 |
| | | | | | |
| TBtu Consumed | 0.000 | 31.45 | 31.45 | 31.45 | 31.45 |
| Rate - [lb/MMBtu] | 0.000 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 |
| TWh Generated | 0.000 | 3.202 | 3.202 | 3.202 | 3.202 |
| TWh Generated Qualifying | 0.000 | 3.202 | 3.202 | 3.202 | 3.202 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.7159E-06 | 0.5536E-06 | 0.5544E-06 | 0.4275E-06 |

Constraint Name: CZU New Source Review NOX Facility Specific Constr Constraint #: 68
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.9373 | 0.9373 | 0.9373 | 0.9373 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.000 | 0.9373 | 0.9373 | 0.9373 | 0.9373 |
| | | | | | |
| TBtu Consumed | 0.000 | 30.24 | 30.24 | 30.24 | 30.24 |
| Rate - [lb/MMBtu] | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| TWh Generated | 0.000 | 3.135 | 3.135 | 3.135 | 3.135 |
| TWh Generated Qualifying | 0.000 | 3.135 | 3.135 | 3.135 | 3.135 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 1460. | 335.8 | 234.4 | 157.7 |

Constraint Name: CZT New Source Review NOX Facility Specific Constr Constraint #: 69
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.9718 | 0.9718 | 0.9718 | 0.9718 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.000 | 0.9718 | 0.9718 | 0.9718 | 0.9718 |
| | | | | | |
| TBtu Consumed | 0.000 | 31.35 | 31.35 | 31.35 | 31.35 |
| Rate - [lb/MMBtu] | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| TWh Generated | 0.000 | 3.135 | 3.135 | 3.135 | 3.135 |
| TWh Generated Qualifying | 0.000 | 3.135 | 3.135 | 3.135 | 3.135 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 1273. | 296.4 | 209.6 | 138.1 |

Constraint Name: CPX New Source Review NOX Facility Specific Constr Constraint #: 70
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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 | 4102. | 3667. | 2763. |

Constraint Name: CPW New Source Review NOX Facility Specific Constr Constraint #: 71
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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 | 4099. | 3663. | 2759. |

Constraint Name: CPV New Source Review NOX Facility Specific Constr Constraint #: 72
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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 | 1586. | 1438. | 1080. |

Constraint Name: CPS New Source Review NOX Facility Specific Constr Constraint #: 73
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -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 [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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 | 1550. | 1418. | 1068. |

Constraint Name: CNM New Source Review NOX Facility Specific Constr Constraint #: 74
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.7112 | 0.7112 | 0.7112 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 0.7112 | 0.7112 | 0.7112 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 22.94 | 22.94 | 22.94 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| TWh Generated | 0.000 | 0.000 | 2.234 | 2.234 | 2.234 |
| TWh Generated Qualifying | 0.000 | 0.000 | 2.234 | 2.234 | 2.234 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.1080E+05 | 1993. | 446.9 |

Constraint Name: CNL New Source Review NOX Facility Specific Constr Constraint #: 75
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.6652 | 0.6652 | 0.6652 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 0.6652 | 0.6652 | 0.6652 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 21.46 | 21.46 | 21.46 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| TWh Generated | 0.000 | 0.000 | 2.134 | 2.134 | 2.134 |
| TWh Generated Qualifying | 0.000 | 0.000 | 2.134 | 2.134 | 2.134 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 5500. | 924.2 | 287.1 |

Constraint Name: CNK New Source Review NOX Facility Specific Constr Constraint #: 76
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.5978 | 0.5978 | 0.5978 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 0.5978 | 0.5978 | 0.5978 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 19.28 | 19.28 | 19.28 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| TWh Generated | 0.000 | 0.000 | 1.888 | 1.888 | 1.888 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.888 | 1.888 | 1.888 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 4590. | 896.7 | 513.5 |

Constraint Name: CNJ New Source Review NOX Facility Specific Constr Constraint #: 77
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.5955 | 0.5955 | 0.5814 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 0.5955 | 0.5955 | 0.5814 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 19.21 | 19.21 | 18.76 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| TWh Generated | 0.000 | 0.000 | 1.914 | 1.914 | 1.869 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.914 | 1.914 | 1.869 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 3498. | 578.6 | 2220. |

Constraint Name: CLT New Source Review NOX Facility Specific Constr Constraint #: 78
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.5367 | 0.5367 | 0.5367 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 0.5367 | 0.5367 | 0.5367 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 17.31 | 17.31 | 17.31 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| TWh Generated | 0.000 | 0.000 | 1.582 | 1.582 | 1.582 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.582 | 1.582 | 1.582 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 1264. | 332.3 | 233.2 |

Constraint Name: CLS New Source Review NOX Facility Specific Constr Constraint #: 79
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 1.501 | 1.501 | 1.501 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 1.501 | 1.501 | 1.501 |
| TBtu Consumed | 0.000 | 0.000 | 55.20 | 55.20 | 55.20 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.5438E-01 | 0.5437E-01 | 0.5437E-01 |
| TWh Generated | 0.000 | 0.000 | 5.237 | 5.237 | 5.237 |
| TWh Generated Qualifying | 0.000 | 0.000 | 5.237 | 5.237 | 5.237 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.1204E-06 | 0.1301E-06 | 0.9403E-07 |

Constraint Name: CLR New Source Review NOX Facility Specific Constr Constraint #: 80
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.8064 | 0.8064 | 0.8064 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 0.8064 | 0.8064 | 0.8064 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 26.01 | 26.01 | 26.01 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| TWh Generated | 0.000 | 0.000 | 2.377 | 2.377 | 2.377 |
| TWh Generated Qualifying | 0.000 | 0.000 | 2.377 | 2.377 | 2.377 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 159.3 | 91.75 | 57.09 |

Constraint Name: CLQ New Source Review NOX Facility Specific Constr Constraint #: 81
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.3459 | 0.3457 | 0.3457 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 0.3459 | 0.3457 | 0.3457 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 11.53 | 11.52 | 11.52 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 |
| TWh Generated | 0.000 | 0.000 | 1.162 | 1.137 | 1.137 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.162 | 1.137 | 1.137 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.5467E-05 | 0.1366E-04 | 0.1007E-04 |

Constraint Name: CLP New Source Review NOX Facility Specific Constr Constraint #: 82
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.3719 | 0.3719 | 0.3719 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 0.3719 | 0.3719 | 0.3719 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 12.40 | 12.40 | 12.40 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 |
| TWh Generated | 0.000 | 0.000 | 1.210 | 1.210 | 1.210 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.210 | 1.210 | 1.210 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.1054E-04 | 0.1066E-04 | 0.8020E-05 |

Constraint Name: CJG New Source Review NOX Facility Specific Constr Constraint #: 83
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|------------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 |
| -Emissions at Affected Plants [MTons] | 0.000 | 1.169 | 1.169 | 1.169 | 1.169 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.000 | 1.169 | 1.169 | 1.169 | 1.169 |
| | | | | | |
| TBtu Consumed | 0.000 | 38.98 | 38.98 | 38.98 | 38.98 |
| Rate - [lb/MMBtu] | 0.000 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 |
| TWh Generated | 0.000 | 3.880 | 3.880 | 3.880 | 3.880 |
| TWh Generated Qualifying | 0.000 | 3.880 | 3.880 | 3.880 | 3.880 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.1872E+05 | 0.1923E+05 | 0.2201E+05 | 0.1760E+05 |

Constraint Name: CGW New Source Review NOX Facility Specific Constr Constraint #: 84
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 1.437 | 1.437 | 1.388 | 1.334 | 1.204 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 1.437 | 1.437 | 1.388 | 1.334 | 1.204 |
| TBtu Consumed | 47.89 | 47.89 | 46.26 | 44.45 | 40.12 |
| Rate - [lb/MMBtu] | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 |
| TWh Generated | 4.468 | 4.468 | 4.316 | 4.147 | 3.743 |
| TWh Generated Qualifying | 4.468 | 4.468 | 4.316 | 4.147 | 3.743 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.1014E-05 | 0.6511E-06 | 0.4833E-06 | 0.5519E-06 | 0.4385E-06 |

Constraint Name: CFI New Source Review NOX Facility Specific Constr Constraint #: 85
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 0.9845 | 0.9527 | 0.9527 | 0.9527 | 0.9527 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.9845 | 0.9527 | 0.9527 | 0.9527 | 0.9527 |
| | | | | | |
| TBtu Consumed | 31.76 | 31.76 | 31.76 | 31.76 | 31.76 |
| Rate - [lb/MMBtu] | 0.6200E-01 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 | 0.6000E-01 |
| TWh Generated | 3.269 | 3.269 | 3.269 | 3.269 | 3.269 |
| TWh Generated Qualifying | 3.269 | 3.269 | 3.269 | 3.269 | 3.269 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 1141. | 0.6306E-06 | 0.4868E-06 | 0.4876E-06 | 0.3693E-06 |

Constraint Name: CSD New Source Review SO2 Facility Specific Constr Constraint #: 86
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.1750 | 0.1750 | 0.1750 | 0.1750 |
| -Emissions at Affected Plants [MTons] | 0.000 | 1.842 | 0.6756 | 0.7276 | 0.6354 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 0.000 | 1.842 | 0.6756 | 0.7276 | 0.6354 |
| | | | | | |
| TBtu Consumed | 0.000 | 21.06 | 21.05 | 21.05 | 21.05 |
| Rate - [lb/MMBtu] | 0.000 | 0.1750 | 0.6418E-01 | 0.6912E-01 | 0.6036E-01 |
| TWh Generated | 0.000 | 1.973 | 1.968 | 1.968 | 1.968 |
| TWh Generated Qualifying | 0.000 | 1.973 | 1.968 | 1.968 | 1.968 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 122.9 | 0.1397E-07 | 0.1939E-07 | 0.1225E-07 |

Constraint Name: CSC New Source Review SO2 Facility Specific Constr Constraint #: 87
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.1750 | 0.1750 | 0.1750 | 0.1750 |
| -Emissions at Affected Plants [MTons] | 0.000 | 1.842 | 0.6756 | 0.7276 | 0.6354 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 0.000 | 1.842 | 0.6756 | 0.7276 | 0.6354 |
| | | | | | |
| TBtu Consumed | 0.000 | 21.06 | 21.05 | 21.05 | 21.05 |
| Rate - [lb/MMBtu] | 0.000 | 0.1750 | 0.6418E-01 | 0.6912E-01 | 0.6036E-01 |
| TWh Generated | 0.000 | 1.973 | 1.968 | 1.968 | 1.968 |
| TWh Generated Qualifying | 0.000 | 1.973 | 1.968 | 1.968 | 1.968 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 122.9 | 0.1397E-07 | 0.1939E-07 | 0.1225E-07 |

Constraint Name: CPX New Source Review SO2 Facility Specific Constr Constraint #: 88
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.1000 | 0.1000 | 0.1000 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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 | 0.1195E+05 | 0.1488E+05 | 0.1265E+05 |

Constraint Name: CPW New Source Review SO2 Facility Specific Constr Constraint #: 89
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.1000 | 0.1000 | 0.1000 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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 | 0.1197E+05 | 0.1491E+05 | 0.1267E+05 |

Constraint Name: CPV New Source Review SO2 Facility Specific Constr Constraint #: 90
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.1000 | 0.1000 | 0.1000 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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 | 0.1121E+05 | 0.1373E+05 | 0.1153E+05 |

Constraint Name: CPS New Source Review SO2 Facility Specific Constr Constraint #: 91
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.1000 | 0.1000 | 0.1000 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh 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 | 0.1372E+05 | 0.1648E+05 | 0.1454E+05 |

Constraint Name: CNM New Source Review SO2 Facility Specific Constr Constraint #: 92
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.1640 | 0.1640 | 0.1640 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 1.881 | 1.881 | 1.881 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 1.881 | 1.881 | 1.881 |
| TBtu Consumed | 0.000 | 0.000 | 22.94 | 22.94 | 22.94 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.1640 | 0.1640 | 0.1640 |
| TWh Generated | 0.000 | 0.000 | 2.234 | 2.234 | 2.234 |
| TWh Generated Qualifying | 0.000 | 0.000 | 2.234 | 2.234 | 2.234 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 2508. | 2248. | 1103. |

Constraint Name: CNL New Source Review SO2 Facility Specific Constr Constraint #: 93
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.1640 | 0.1640 | 0.1640 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 1.760 | 1.760 | 1.760 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 1.760 | 1.760 | 1.760 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 21.46 | 21.46 | 21.46 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.1640 | 0.1640 | 0.1640 |
| TWh Generated | 0.000 | 0.000 | 2.134 | 2.134 | 2.134 |
| TWh Generated Qualifying | 0.000 | 0.000 | 2.134 | 2.134 | 2.134 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 2631. | 2367. | 1024. |

Constraint Name: CNK New Source Review SO2 Facility Specific Constr Constraint #: 94
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.1640 | 0.1640 | 0.1640 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 1.581 | 1.581 | 1.581 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 1.581 | 1.581 | 1.581 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 19.28 | 19.28 | 19.28 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.1640 | 0.1640 | 0.1640 |
| TWh Generated | 0.000 | 0.000 | 1.888 | 1.888 | 1.888 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.888 | 1.888 | 1.888 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 2667. | 2369. | 501.5 |

Constraint Name: CNJ New Source Review SO2 Facility Specific Constr Constraint #: 95
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.1640 | 0.1640 | 0.1640 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 1.575 | 1.575 | 1.538 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 1.575 | 1.575 | 1.538 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 19.21 | 19.21 | 18.76 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.1640 | 0.1640 | 0.1640 |
| TWh Generated | 0.000 | 0.000 | 1.914 | 1.914 | 1.869 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.914 | 1.914 | 1.869 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 2787. | 2469. | 440.7 |

Constraint Name: CMY New Source Review SO2 Facility Specific Constr Constraint #: 96
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.1600 | 0.1600 | 0.1600 | 0.1600 | 0.1600 |
| -Emissions at Affected Plants [MTons] | 3.765 | 3.854 | 3.854 | 3.854 | 2.252 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 3.765 | 3.854 | 3.854 | 3.854 | 2.252 |
| | | | | | |
| TBtu Consumed | 47.06 | 48.18 | 48.18 | 48.18 | 45.04 |
| Rate - [lb/MMBtu] | 0.1600 | 0.1600 | 0.1600 | 0.1600 | 0.1000 |
| TWh Generated | 4.251 | 4.351 | 4.351 | 4.351 | 4.060 |
| TWh Generated Qualifying | 4.251 | 4.351 | 4.351 | 4.351 | 4.060 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 2596. | 917.0 | 435.2 | 66.58 | 0.1310E-07 |

Constraint Name: CLS New Source Review SO2 Facility Specific Constr Constraint #: 97
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|------------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.1320 | 0.1320 | 0.1320 | 0.1320 |
| -Emissions at Affected Plants [MTons] | 0.000 | 3.643 | 3.643 | 3.643 | 3.643 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 0.000 | 3.643 | 3.643 | 3.643 | 3.643 |
| TBtu Consumed | 0.000 | 55.20 | 55.20 | 55.20 | 55.20 |
| Rate - [lb/MMBtu] | 0.000 | 0.1320 | 0.1320 | 0.1320 | 0.1320 |
| TWh Generated | 0.000 | 5.237 | 5.237 | 5.237 | 5.237 |
| TWh Generated Qualifying | 0.000 | 5.237 | 5.237 | 5.237 | 5.237 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.2060E+05 | 0.1320E+05 | 0.1633E+05 | 0.1718E+05 |

Constraint Name: CLR New Source Review SO2 Facility Specific Constr Constraint #: 98
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.1320 | 0.1320 | 0.1320 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 1.561 | 1.561 | 1.561 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 1.561 | 1.561 | 1.561 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 26.01 | 26.01 | 26.01 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.1200 | 0.1200 | 0.1200 |
| TWh Generated | 0.000 | 0.000 | 2.377 | 2.377 | 2.377 |
| TWh Generated Qualifying | 0.000 | 0.000 | 2.377 | 2.377 | 2.377 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.1135E-06 | 0.9390E-07 | 0.7256E-07 |

Constraint Name: CGQ New Source Review SO2 Facility Specific Constr Constraint #: 99
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 1.127 | 1.127 | 1.046 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 0.000 | 0.000 | 1.127 | 1.127 | 1.046 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 25.61 | 25.61 | 23.77 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.8800E-01 | 0.8800E-01 | 0.8800E-01 |
| TWh Generated | 0.000 | 0.000 | 2.340 | 2.340 | 2.172 |
| TWh Generated Qualifying | 0.000 | 0.000 | 2.340 | 2.340 | 2.172 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.2246E-07 | 0.2464E-07 | 0.1629E-07 |

Constraint Name: CGP New Source Review SO2 Facility Specific Constr Constraint #: 100
 Constraint Type: Rate Limit [lb/MMBtu]
 Run Year, Seasons Included: 2007 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 | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|------------|------------|------------|------------|
| Standard - [lb/MMBtu] | 0.000 | 0.1500 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 0.000 | 1.136 | 1.127 | 1.127 | 1.073 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 0.000 | 1.136 | 1.127 | 1.127 | 1.073 |
| | | | | | |
| TBtu Consumed | 0.000 | 25.61 | 25.61 | 25.61 | 24.38 |
| Rate - [lb/MMBtu] | 0.000 | 0.8870E-01 | 0.8800E-01 | 0.8800E-01 | 0.8800E-01 |
| TWh Generated | 0.000 | 2.340 | 2.340 | 2.340 | 2.228 |
| TWh Generated Qualifying | 0.000 | 2.340 | 2.340 | 2.340 | 2.228 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.1851E-07 | 0.1775E-07 | 0.2055E-07 | 0.1308E-07 |