

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] | 917524. | 927792. | 995108. | 1075776. | 1183854. |
| Plus Firm Purchases [MW] | 0. | 0. | 0. | 0. | 0. |
| Plus Transmission In WINTER [MW] | 4259. | 8373. | 4485. | 5939. | 8611. |
| Total R.M. Capacity WINTER [MW] | 921783. | 936165. | 999593. | 1081715. | 1192465. |
| 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] | 4346. | 8544. | 4576. | 6060. | 8787. |
| Net Demand WINTER [MW] | 673191. | 717943. | 773493. | 838290. | 921210. |
| 3. Reserve Margin WINTER [%] | 37. | 31. | 29. | 29. | 30. |
| 1. Reserve Margin Capacity SUMMER [MW] | 917524. | 927792. | 995108. | 1075776. | 1183854. |
| Plus Firm Purchases [MW] | 0. | 0. | 0. | 0. | 0. |
| Plus Transmission In SUMMER [MW] | 28400. | 39660. | 36490. | 35685. | 35087. |
| Total R.M. Capacity SUMMER [MW] | 945923. | 967452. | 1031598. | 1111461. | 1218941. |
| 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] | 28979. | 40470. | 37235. | 36414. | 35803. |
| Net Demand SUMMER [MW] | 775683. | 833890. | 898579. | 969956. | 1061078. |
| 3. Reserve Margin SUMMER [%] | 23. | 17. | 15. | 15. | 15. |
| 4. Generation [GWh] | 4131842. | 4366211. | 4738018. | 5140313. | 5651448. |
| Inter-Region Transmission [GWh] | -11492. | -11425. | -9777. | -9777. | -10155. |
| Pumping & Storage Losses [GWh] | 20987. | 24946. | 24140. | 27093. | 33620. |
| 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 | 1.68 | 2.19 | 35.65 | 34.19 | 32.66 |

| 10. Capacity by Plant Type [MW] | | 2007 | 2010 | 2015 | 2020 | 2026 |
|---------------------------------|----|---------|---------|----------|----------|----------|
| ----- | | | | | | |
| Scrubbed Coal_SCR | 1 | 30480. | 33612. | 69299. | 108456. | 164572. |
| Scrubbed Coal_SNCR | 2 | 2280. | 2280. | 2280. | 2280. | 2280. |
| Scrubbed Coal_NOx | 3 | 0. | 0. | 0. | 0. | 0. |
| Scrubbed Coal | 4 | 60786. | 49377. | 48198. | 48190. | 47298. |
| Unscrubbed Coal_SCR | 5 | 51360. | 14016. | 12441. | 7496. | 7437. |
| Unscrubbed Coal_SNCR | 6 | 7457. | 3404. | 2138. | 1443. | 1195. |
| Unscrubbed Coal_NOx | 7 | 0. | 0. | 0. | 0. | 0. |
| Unscrubbed Coal | 8 | 120962. | 78700. | 71695. | 59175. | 55309. |
| Oil/Gas Steam | 9 | 84681. | 79690. | 79690. | 79690. | 78704. |
| Oil/Gas Steam_SCR | 10 | 9113. | 5588. | 5588. | 5588. | 5588. |
| Oil/Gas Steam_NOx | 11 | 544. | 344. | 344. | 344. | 166. |
| Nuclear | 12 | 100221. | 100571. | 102123. | 102603. | 102603. |
| Hydro | 13 | 89877. | 89877. | 89877. | 89877. | 89877. |
| Comb.Cycle Gas | 14 | 147149. | 147523. | 159166. | 167644. | 173070. |
| IGCC | 15 | 612. | 612. | 19509. | 39087. | 67146. |
| Combustion Turbine | 16 | 130223. | 129970. | 129406. | 143000. | 164259. |
| 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 | 17850. | 17836. | 17833. | 17813. | 16911. |
| Cgn_Oil/Gas Steam | 29 | 572. | 301. | 301. | 301. | 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. | 13857. | 13857. | 13857. | 13859. |
| Rep.Coal-IGCC | 36 | 0. | 117. | 117. | 117. | 117. |
| Ret.Scrubber | 37 | 1641. | 5635. | 9311. | 19729. | 19957. |
| Ret.ExistSCR & Scrub | 38 | 2727. | 39287. | 40829. | 45671. | 45729. |
| Ret.ExistSNCR & Scrub | 39 | 502. | 4470. | 5710. | 6344. | 6563. |
| Ret.SCR | 40 | 14440. | 24219. | 19012. | 14699. | 14219. |
| Ret.ExistScrub & SCR | 41 | 5340. | 16554. | 17733. | 17741. | 18633. |
| Ret.SNCR | 42 | 254. | 1698. | 1698. | 1698. | 1698. |
| Ret.ExistScrub & SNCR | 43 | 189. | 189. | 189. | 189. | 189. |
| Ret.SCR+Scrb | 44 | 3130. | 28390. | 36669. | 42651. | 46312. |
| 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 | 441. | 441. | 441. | 441. | 441. |
| Ret.O/G SNCR | 66 | 760. | 3483. | 3483. | 3483. | 3483. |
| 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 | 886. | 1120. | 1566. | 1586. | 2941. |
| O/G Early Retirement | 72 | 31152. | 32207. | 32207. | 32207. | 33636. |
| Coal Early Retirement | 73 | 2450. | 2775. | 2775. | 2905. | 3302. |
| Nuke Early Retirement | 74 | 0. | 0. | 0. | 0. | 0. |
| ----- | | | | | | |
| Total | | 971158. | 983517. | 1051919. | 1132737. | 1244006. |

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

| | | 2007 | 2010 | 2015 | 2020 | 2026 |
|------------------------------|----|--------|---------|--------|---------|---------|
| Scrubbed Coal_SCR | 1 | 0. | 2342. | 35687. | 39156. | 56116. |
| 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. | 594. | 12085. | 8478. | 5879. |
| IGCC | 15 | 0. | 0. | 18897. | 19578. | 28058. |
| Combustion Turbine | 16 | 0. | 0. | 0. | 13594. | 21259. |
| 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. | 13857. | 0. | 0. | 2. |
| Rep.Coal-IGCC | 36 | 0. | 117. | 0. | 0. | 0. |
| Ret.Scrubber | 37 | 1641. | 15447. | 4368. | 11121. | 3121. |
| Ret.ExistSCR & Scrub | 38 | 2727. | 36560. | 1542. | 4842. | 58. |
| Ret.ExistSNCR & Scrub | 39 | 502. | 3968. | 1239. | 635. | 219. |
| Ret.SCR | 40 | 14440. | 11635. | 514. | 0. | 0. |
| Ret.ExistScrub & SCR | 41 | 5340. | 11215. | 1179. | 8. | 892. |
| Ret.SNCR | 42 | 254. | 1444. | 0. | 0. | 0. |
| Ret.ExistScrub & SNCR | 43 | 189. | 0. | 0. | 0. | 0. |
| Ret.SCR+Scrb | 44 | 3130. | 25260. | 8279. | 5981. | 3662. |
| 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 & Scrub | 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 | 441. | 0. | 0. | 0. | 0. |
| Ret.O/G SNCR | 66 | 760. | 2723. | 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 | 886. | 235. | 446. | 20. | 1355. |
| O/G Early Retirement | 72 | 31152. | 1055. | 0. | 0. | 1429. |
| Coal Early Retirement | 73 | 2450. | 325. | 0. | 130. | 396. |
| Nuke Early Retirement | 74 | 0. | 0. | 0. | 0. | 0. |
| Total | | 66485. | 128446. | 85098. | 103543. | 122490. |

| 12. Generation by Plant Type [GWh] | | 2007 | 2010 | 2015 | 2020 | 2026 |
|------------------------------------|----|----------|----------|----------|----------|----------|
| ----- | | | | | | |
| Scrubbed Coal_SCR | 1 | 226963. | 250204. | 515785. | 807113. | 1219089. |
| Scrubbed Coal_SNCR | 2 | 16747. | 16597. | 16536. | 16404. | 15803. |
| Scrubbed Coal_NOx | 3 | 0. | 0. | 0. | 0. | 0. |
| Scrubbed Coal | 4 | 450691. | 366514. | 355484. | 349997. | 339906. |
| Unscrubbed Coal_SCR | 5 | 372677. | 101806. | 91262. | 54222. | 53518. |
| Unscrubbed Coal_SNCR | 6 | 48508. | 23534. | 14813. | 9286. | 7616. |
| Unscrubbed Coal_NOx | 7 | 0. | 0. | 0. | 0. | 0. |
| Unscrubbed Coal | 8 | 838384. | 562165. | 514764. | 405510. | 369891. |
| Oil/Gas Steam | 9 | 44251. | 26157. | 15211. | 11693. | 8538. |
| Oil/Gas Steam_SCR | 10 | 21649. | 1676. | 974. | 1141. | 842. |
| 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 | 616140. | 691512. | 687554. | 685981. | 608737. |
| IGCC | 15 | 4702. | 4702. | 149846. | 300220. | 515726. |
| Combustion Turbine | 16 | 31236. | 40265. | 30393. | 44521. | 61001. |
| Biomass | 17 | 9407. | 9403. | 9324. | 9029. | 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 | 15749. | 18769. | 18313. | 20576. | 25550. |
| Int. Imports | 26 | 41303. | 44063. | 40296. | 27331. | 13578. |
| Cgn_CT | 27 | 2589. | 2012. | 1156. | 988. | 637. |
| Cgn_CC | 28 | 44434. | 40606. | 24845. | 25254. | 20346. |
| Cgn_Oil/Gas Steam | 29 | 660. | 376. | 0. | 0. | 0. |
| Cgn_Biomass | 30 | 2781. | 2669. | 2792. | 2792. | 2784. |
| Cgn_Fossil_Other | 31 | 2318. | 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. | 376. | 657. | 840. | 676. |
| Rep.O/G-CC | 35 | 0. | 109743. | 104131. | 100415. | 99272. |
| Rep.Coal-IGCC | 36 | 0. | 903. | 903. | 903. | 903. |
| Ret.Scrubber | 37 | 12220. | 41958. | 69335. | 145492. | 145650. |
| Ret.ExistSCR & Scrub | 38 | 20306. | 292544. | 303053. | 338746. | 336732. |
| Ret.ExistSNCR & Scrub | 39 | 3738. | 33286. | 42156. | 46760. | 47916. |
| Ret.SCR | 40 | 107127. | 176436. | 137408. | 105480. | 99019. |
| Ret.ExistScrub & SCR | 41 | 39760. | 123267. | 131725. | 131717. | 136086. |
| Ret.SNCR | 42 | 1405. | 10495. | 11377. | 9867. | 9292. |
| Ret.ExistScrub & SNCR | 43 | 1407. | 1407. | 1407. | 1407. | 1240. |
| Ret.SCR+Scrb | 44 | 23306. | 211401. | 273050. | 317588. | 344684. |
| 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 | 814. | 814. | 465. | 465. | 465. |
| Ret.O/G SNCR | 66 | 801. | 9207. | 5739. | 3672. | 3471. |
| 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 | | 4131842. | 4366211. | 4738018. | 5140313. | 5651448. |

| 12a. Generation by Fuel Type [GWh] | 2007 | 2010 | 2015 | 2020 | 2026 |
|------------------------------------|----------|----------|----------|----------|----------|
| ----- | ----- | ----- | ----- | ----- | ----- |
| Coal | 2167943. | 2220939. | 2632624. | 3044433. | 3646793. |
| Oil | 660. | 376. | 0. | 0. | 0. |
| Nuclear | 785243. | 798667. | 811008. | 808645. | 796944. |
| Hydro | 275692. | 275692. | 275692. | 275692. | 275692. |
| Gas | 761915. | 922368. | 871126. | 874971. | 803986. |
| Other | 12948. | 13192. | 15695. | 15695. | 15889. |
| None | 115252. | 122907. | 119758. | 109056. | 100345. |
| Biomass | 12188. | 12071. | 12116. | 11821. | 11799. |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Total | 4131842. | 4366211. | 4738018. | 5140313. | 5651448. |

| 13. Generation by Plant Type [TBtu] | | 2007 | 2010 | 2015 | 2020 | 2026 |
|-------------------------------------|----|--------|--------|--------|--------|--------|
| Scrubbed Coal_SCR | 1 | 774. | 854. | 1760. | 2754. | 4160. |
| Scrubbed Coal_SNCR | 2 | 57. | 57. | 56. | 56. | 54. |
| Scrubbed Coal_NOx | 3 | 0. | 0. | 0. | 0. | 0. |
| Scrubbed Coal | 4 | 1538. | 1251. | 1213. | 1194. | 1160. |
| Unscrubbed Coal_SCR | 5 | 1272. | 347. | 311. | 185. | 183. |
| Unscrubbed Coal_SNCR | 6 | 166. | 80. | 51. | 32. | 26. |
| Unscrubbed Coal_NOx | 7 | 0. | 0. | 0. | 0. | 0. |
| Unscrubbed Coal | 8 | 2861. | 1918. | 1756. | 1384. | 1262. |
| Oil/Gas Steam | 9 | 151. | 89. | 52. | 40. | 29. |
| Oil/Gas Steam_SCR | 10 | 74. | 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 | 2102. | 2359. | 2346. | 2341. | 2077. |
| IGCC | 15 | 16. | 16. | 511. | 1024. | 1760. |
| Combustion Turbine | 16 | 107. | 137. | 104. | 152. | 208. |
| Biomass | 17 | 32. | 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 | 54. | 64. | 62. | 70. | 87. |
| Int. Imports | 26 | 141. | 150. | 137. | 93. | 46. |
| Cgn_CT | 27 | 9. | 7. | 4. | 3. | 2. |
| Cgn_CC | 28 | 152. | 139. | 85. | 86. | 69. |
| Cgn_Oil/Gas Steam | 29 | 2. | 1. | 0. | 0. | 0. |
| Cgn_Biomass | 30 | 9. | 9. | 10. | 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. | 374. | 355. | 343. | 339. |
| Rep.Coal-IGCC | 36 | 0. | 3. | 3. | 3. | 3. |
| Ret.Scrubber | 37 | 42. | 143. | 237. | 496. | 497. |
| Ret.ExistSCR & Scrub | 38 | 69. | 998. | 1034. | 1156. | 1149. |
| Ret.ExistSNCR & Scrub | 39 | 13. | 114. | 144. | 160. | 163. |
| Ret.SCR | 40 | 366. | 602. | 469. | 360. | 338. |
| Ret.ExistScrub & SCR | 41 | 136. | 421. | 449. | 449. | 464. |
| Ret.SNCR | 42 | 5. | 36. | 39. | 34. | 32. |
| Ret.ExistScrub & SNCR | 43 | 5. | 5. | 5. | 5. | 4. |
| Ret.SCR+Scrb | 44 | 80. | 721. | 932. | 1084. | 1176. |
| 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. | 31. | 20. | 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. |
| Total | | 14098. | 14898. | 16166. | 17539. | 19283. |

| 14. Capacity Factor by Plant Type [%] | | 2007 | 2010 | 2015 | 2020 | 2026 |
|---------------------------------------|----|------|------|------|------|------|
| Scrubbed Coal_SCR | 1 | 85.0 | 85.0 | 85.0 | 85.0 | 84.6 |
| Scrubbed Coal_SNCR | 2 | 83.8 | 83.1 | 82.8 | 82.1 | 79.1 |
| Scrubbed Coal_NOx | 3 | N/A | N/A | N/A | N/A | N/A |
| Scrubbed Coal | 4 | 84.6 | 84.7 | 84.2 | 82.9 | 82.0 |
| Unscrubbed Coal_SCR | 5 | 82.8 | 82.9 | 83.7 | 82.6 | 82.1 |
| Unscrubbed Coal_SNCR | 6 | 74.3 | 78.9 | 79.1 | 73.5 | 72.8 |
| Unscrubbed Coal_NOx | 7 | N/A | N/A | N/A | N/A | N/A |
| Unscrubbed Coal | 8 | 79.1 | 81.5 | 82.0 | 78.2 | 76.3 |
| Oil/Gas Steam | 9 | 6.0 | 3.7 | 2.2 | 1.7 | 1.2 |
| Oil/Gas Steam_SCR | 10 | 27.1 | 3.4 | 2.0 | 2.3 | 1.7 |
| 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 | 47.8 | 53.5 | 49.3 | 46.7 | 40.2 |
| IGCC | 15 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| Combustion Turbine | 16 | 2.7 | 3.5 | 2.7 | 3.6 | 4.2 |
| Biomass | 17 | 79.1 | 73.7 | 73.1 | 70.8 | 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 | 9.1 | 10.8 | 10.6 | 11.9 | 14.8 |
| 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 | 28.4 | 26.0 | 15.9 | 16.2 | 13.7 |
| Cgn_Oil/Gas Steam | 29 | 13.2 | 14.3 | 0.0 | 0.0 | 0.0 |
| Cgn_Biomass | 30 | 86.7 | 83.2 | 87.1 | 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 | 4.7 | 8.2 | 10.5 | 8.4 |
| Rep.O/G-CC | 35 | N/A | 90.4 | 85.8 | 82.7 | 81.8 |
| Rep.Coal-IGCC | 36 | N/A | 87.7 | 87.7 | 87.7 | 87.7 |
| Ret.Scrubber | 37 | 85.0 | 85.0 | 85.0 | 84.2 | 83.3 |
| Ret.ExistSCR & Scrub | 38 | 85.0 | 85.0 | 84.7 | 84.7 | 84.1 |
| Ret.ExistSNCR & Scrub | 39 | 85.0 | 85.0 | 84.3 | 84.1 | 83.3 |
| Ret.SCR | 40 | 84.7 | 83.2 | 82.5 | 81.9 | 79.5 |
| Ret.ExistScrub & SCR | 41 | 85.0 | 85.0 | 84.8 | 84.8 | 83.4 |
| Ret.SNCR | 42 | 63.2 | 70.6 | 76.5 | 66.3 | 62.5 |
| Ret.ExistScrub & SNCR | 43 | 85.0 | 85.0 | 85.0 | 85.0 | 74.9 |
| Ret.SCR+Scrb | 44 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| 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 | 30.2 | 18.8 | 12.0 | 11.4 |
| 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 | 51.4 | 51.8 | 51.9 |

15. Total Annual Production Cost
[MMUS\$](*)

| | 2007 | 2010 | 2015 | 2020 | 2026 |
|---------------|---------|---------|----------|----------|----------|
| Variable O&M | 6654.6 | 8260.7 | 9464.2 | 10831.0 | 12424.0 |
| Fixed O&M | 29281.9 | 30592.3 | 34015.0 | 37627.5 | 40341.2 |
| Fuel | 51853.0 | 53247.6 | 55331.1 | 56330.7 | 58729.6 |
| Capital | 732.4 | 4202.2 | 14787.8 | 26259.7 | 41783.9 |
| Total | 88521.9 | 96302.8 | 113598.2 | 131048.9 | 153278.6 |
| 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 | 6654.6 | 8260.7 | 9464.2 | 10831.0 | 12424.0 |
| Fixed O&M | 29281.9 | 30592.3 | 34015.0 | 37627.5 | 40341.2 |
| Fuel Total | 98506.1 | 101669.4 | 120302.4 | 128547.8 | 132702.8 |
| Fuel Elec.+Steam | 40212.3 | 43128.2 | 49806.8 | 54148.3 | 55735.3 |
| Capital | 732.4 | 4202.2 | 14787.8 | 26259.7 | 41783.9 |
| Total IPM | 135174.9 | 144724.7 | 178569.4 | 203266.1 | 227251.8 |
| Total Elec.+Steam | 76881.2 | 86183.4 | 108073.8 | 128866.5 | 150284.3 |
| 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] | 7985.4350 | 5270.6479 | 4843.6862 | 3989.7085 | 3936.3516 |
| NOX [MTons] | 3686.6061 | 2192.2047 | 2208.8256 | 2232.0048 | 2281.4559 |
| TSP [MTons] | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| CO2 [MMTonnes] | 2447.9796 | 2557.0642 | 2839.2520 | 3150.0920 | 3575.7512 |
| Carbon [MMTonnes] | 667.6308 | 697.3812 | 774.3414 | 859.1160 | 975.2049 |

Fuel Consumption by Fuel and Fuel Type [TBtu]

| Fuel | 2007 | 2010 | 2015 | 2020 | 2026 |
|-------------|---------|---------|---------|---------|---------|
| Coal | 22591.0 | 23226.5 | 26589.4 | 29884.8 | 34711.1 |
| Oil | 6.1 | 3.5 | 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 | 5922.4 | 6945.0 | 6362.0 | 6325.4 | 5779.6 |
| Other | 153.2 | 156.4 | 186.4 | 186.4 | 189.1 |
| None | 591.7 | 606.5 | 619.5 | 619.5 | 619.5 |
| Biomass | 114.9 | 113.3 | 113.9 | 110.8 | 110.5 |
| Grand Total | 37656.1 | 39468.4 | 42414.9 | 45645.0 | 49804.3 |

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

| Fuel | 2007 | 2010 | 2015 | 2020 | 2026 |
|---------|---------|---------|---------|---------|---------|
| Coal | 25371.6 | 24031.2 | 26784.4 | 28811.8 | 32841.8 |
| Oil | 20.2 | 11.7 | 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 | 22855.5 | 25549.3 | 24883.1 | 23885.4 | 22305.2 |
| Other | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| None | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Biomass | 195.7 | 187.5 | 186.2 | 175.2 | 174.4 |

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

| Fuel | 2007 | 2010 | 2015 | 2020 | 2026 |
|---------|------|------|------|------|------|
| Coal | 1.12 | 1.03 | 1.01 | 0.96 | 0.95 |
| Oil | 3.29 | 3.35 | 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 | 3.86 | 3.68 | 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 | 1.70 | 1.65 | 1.64 | 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 | 7751 | 5044 | 4625 | 3772 | 3711 |
| MTons Banked | 6635 | 0 | 0 | 0 | 0 |
| MTons Withdrawn | 0 | -239 | -969 | -119 | 0 |
| Rate - [lb/MMBtu] | 0.689 | 0.437 | 0.349 | 0.253 | 0.215 |
| TBtu Consumed | 22513 | 23110 | 26474 | 29770 | 34596 |
| Non-CAIR Shadow Price (US\$/Ton) | 836 | 473 | 456 | 592 | 640 |
| CAIR Shadow Price (US\$/Ton) | 836 | 975 | 1264 | 1640 | 1774 |

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 | -0.2584E-11 | -0.1716E-11 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.2087E-10 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | -0.1305E-10 |
| 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 | 1103. | 924.7 |

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 | 1289. | 1289. | 1289. | 1289. |
| -Emissions at Affected Plants [MTons] | 528.0 | 1289. | 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] | 0.8801E-09 | 0.000 | 0.1492E-10 | 0.1878E-09 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | -0.1638E-09 | 0.000 | 0.000 | -0.1343E-09 |
| Total [MTons] | 528.0 | 1289. | 1289. | 1289. | 1289. |
| | | | | | |
| TBtu Consumed | 6717. | 0.2302E+05 | 0.2500E+05 | 0.2729E+05 | 0.2999E+05 |
| Rate - [lb/MMBtu] | 0.1572 | 0.1120 | 0.1031 | 0.9446E-01 | 0.8597E-01 |
| TWh Generated | 672.7 | 2352. | 2606. | 2900. | 3250. |
| TWh Generated Qualifying | 672.7 | 2352. | 2606. | 2900. | 3250. |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 2386. | 1629. | 1695. | 1734. | 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 | 0.1574 | 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 | 0.2233 | 0.000 | 0.1208E-02 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | -0.2573E-01 | 0.000 | -0.1243 |
| Total [MTons] | 0.000 | 0.5275 | 0.1659 | 0.1586 | -0.7916E-01 |
| TBtu Consumed | 0.000 | 19.08 | 11.85 | 8.991 | 3.403 |
| Rate - [lb/MMBtu] | 0.000 | 0.3188E-01 | 0.3235E-01 | 0.3501E-01 | 0.2651E-01 |
| TWh Generated | 0.000 | 2.378 | 1.457 | 1.090 | 0.4363 |
| TWh Generated Qualifying | 0.000 | 2.378 | 1.457 | 1.090 | 0.4363 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.6763E-08 | 0.4271E-08 | 0.4416E-08 | 0.2671E-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 | 3.633 | 3.633 | 3.633 | 3.633 |
| -Emissions at Affected Plants [MTons] | 0.000 | 3.633 | 2.579 | 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 | 0.8395E-11 | 0.1948 | 0.7884E-01 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | -0.1711 |
| Total [MTons] | 0.000 | 3.633 | 2.774 | 2.384 | 1.694 |
| TBtu Consumed | 0.000 | 52.77 | 38.63 | 34.95 | 29.04 |
| Rate - [lb/MMBtu] | 0.000 | 0.1377 | 0.1335 | 0.1319 | 0.1284 |
| TWh Generated | 0.000 | 6.366 | 4.497 | 3.991 | 3.202 |
| TWh Generated Qualifying | 0.000 | 6.366 | 4.497 | 3.991 | 3.202 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 1088. | 0.4729E-08 | 0.3242E-08 | 0.1660E-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 | 7.439 | 7.439 | 7.439 | 7.439 |
| -Emissions at Affected Plants [MTons] | 0.000 | 7.439 | 7.439 | 7.267 | 7.172 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.2450E-11 | 0.2106E-11 | 0.5661E-01 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | -0.3538E-01 |
| Total [MTons] | 0.000 | 7.439 | 7.439 | 7.323 | 7.137 |
| TBtu Consumed | 0.000 | 163.2 | 149.4 | 141.8 | 137.6 |
| Rate - [lb/MMBtu] | 0.000 | 0.9116E-01 | 0.9958E-01 | 0.1025 | 0.1043 |
| TWh Generated | 0.000 | 20.23 | 18.31 | 17.24 | 16.67 |
| TWh Generated Qualifying | 0.000 | 20.23 | 18.31 | 17.24 | 16.67 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 6895. | 3480. | 0.5014E-07 | 0.1418E-07 |

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] | 27.69 | 25.14 | 25.64 | 25.08 | 23.91 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 27.69 | 25.14 | 25.64 | 25.08 | 23.91 |
| TBtu Consumed | 433.1 | 463.2 | 480.9 | 469.8 | 453.2 |
| Rate - [lb/MMBtu] | 0.1279 | 0.1086 | 0.1066 | 0.1068 | 0.1055 |
| TWh Generated | 41.22 | 43.72 | 45.39 | 44.31 | 42.70 |
| TWh Generated Qualifying | 41.22 | 43.72 | 45.39 | 44.31 | 42.70 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.4025E-09 | 0.7988E-10 | 0.1030E-09 | 0.1340E-09 | 0.1224E-09 |

Constraint Name: NOX 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 #: 10

| | | | | | |
|--|-----------|------------|------------|------------|------------|
| 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] | 7.213 | 12.09 | 12.16 | 12.16 | 12.16 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 7.213 | 12.09 | 12.16 | 12.16 | 12.16 |
| | | | | | |
| TBtu Consumed | 101.2 | 163.7 | 163.4 | 163.4 | 163.5 |
| Rate - [lb/MMBtu] | 0.1426 | 0.1477 | 0.1488 | 0.1488 | 0.1488 |
| TWh Generated | 9.618 | 16.99 | 16.92 | 16.92 | 16.92 |
| TWh Generated Qualifying | 9.618 | 16.99 | 16.92 | 16.92 | 16.92 |
| Constraint Shadow Price [US\$/Ton] | 337.1 | 0.5201E-08 | 0.5804E-08 | 0.6902E-08 | 0.5681E-08 |

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] | 9.009 | 17.67 | 17.57 | 17.57 | 17.56 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 9.009 | 17.67 | 17.57 | 17.57 | 17.56 |
| TBtu Consumed | 99.98 | 128.6 | 128.3 | 128.3 | 128.3 |
| Rate - [lb/MMBtu] | 0.1802 | 0.2749 | 0.2738 | 0.2738 | 0.2737 |
| TWh Generated | 9.509 | 11.78 | 11.71 | 11.71 | 11.70 |
| TWh Generated Qualifying | 9.509 | 11.78 | 11.71 | 11.71 | 11.70 |
| Constraint Shadow Price [US\$/Ton] | 1971. | 709.6 | 582.4 | 506.1 | 422.0 |

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] | 8656. | 0.1520E+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] | 8656. | 0.1520E+05 | 0.1523E+05 | 0.1523E+05 | 0.1523E+05 |
| | | | | | |
| TBtu Consumed | 101.2 | 163.7 | 163.4 | 163.4 | 163.5 |
| Rate - [lb/MMBtu] | 171.1 | 185.7 | 186.3 | 186.3 | 186.3 |
| TWh Generated | 9.618 | 16.99 | 16.92 | 16.92 | 16.92 |
| TWh Generated Qualifying | 9.618 | 16.99 | 16.92 | 16.92 | 16.92 |
| Constraint Shadow Price [US\$/Ton] | 40.34 | 0.3914E-10 | 2.410 | 1.999 | 6.563 |

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] | 25.00 | 17.99 | 17.40 | 16.39 | 16.34 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 25.00 | 17.99 | 17.40 | 16.39 | 16.34 |
| TBtu Consumed | 399.1 | 412.2 | 408.2 | 400.1 | 398.7 |
| Rate - [lb/MMBtu] | 0.1253 | 0.8727E-01 | 0.8528E-01 | 0.8191E-01 | 0.8198E-01 |
| TWh Generated | 36.24 | 37.25 | 36.82 | 36.13 | 36.00 |
| TWh Generated Qualifying | 36.24 | 37.25 | 36.82 | 36.13 | 36.00 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 85.19 | 0.3922E-09 | 0.3977E-09 | 0.4416E-09 | 0.3857E-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] | 30.05 | 23.19 | 23.18 | 22.57 | 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] | 30.05 | 23.19 | 23.18 | 22.57 | 22.03 |
| TBtu Consumed | 578.0 | 584.8 | 584.8 | 578.6 | 561.2 |
| Rate - [lb/MMBtu] | 0.1040 | 0.7929E-01 | 0.7929E-01 | 0.7803E-01 | 0.7850E-01 |
| TWh Generated | 53.22 | 53.60 | 53.30 | 52.73 | 51.12 |
| TWh Generated Qualifying | 53.22 | 53.60 | 53.30 | 52.73 | 51.12 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.2183E-08 | 0.3176E-09 | 0.3807E-09 | 0.4477E-09 | 0.3693E-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 | 55.02 | 25.71 | 22.39 | 20.64 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 55.02 | 25.71 | 22.39 | 20.64 |
| | | | | | |
| TBtu Consumed | 0.000 | 412.2 | 408.2 | 400.1 | 398.7 |
| Rate - [lb/MMBtu] | 0.000 | 0.2670 | 0.1260 | 0.1119 | 0.1036 |
| TWh Generated | 0.000 | 37.25 | 36.82 | 36.13 | 36.00 |
| TWh Generated Qualifying | 0.000 | 37.25 | 36.82 | 36.13 | 36.00 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.7963E-10 | 0.2726E-09 | 0.2283E-09 | 0.1661E-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 | 116.9 | 36.20 | 35.53 | 33.53 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 116.9 | 36.20 | 35.53 | 33.53 |
| | | | | | |
| TBtu Consumed | 0.000 | 584.8 | 584.8 | 578.6 | 561.2 |
| Rate - [lb/MMBtu] | 0.000 | 0.3997 | 0.1238 | 0.1228 | 0.1195 |
| TWh Generated | 0.000 | 53.60 | 53.30 | 52.73 | 51.12 |
| TWh Generated Qualifying | 0.000 | 53.60 | 53.30 | 52.73 | 51.12 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.1019E-09 | 0.1210E-09 | 0.1223E-09 | 0.9848E-10 |

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 | 2.108 | 2.100 | 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] | 0.9051 | 0.9569E-01 | 0.000 | 0.2052E-01 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | -0.1196E-01 | 0.000 | -0.1783 |
| Total [MTons] | 2.913 | 2.204 | 2.088 | 2.121 | 1.818 |
| TBtu Consumed | 42.64 | 43.60 | 43.53 | 43.53 | 42.54 |
| Rate - [lb/MMBtu] | 0.9419E-01 | 0.9671E-01 | 0.9649E-01 | 0.9650E-01 | 0.9386E-01 |
| TWh Generated | 3.921 | 3.996 | 3.990 | 3.990 | 3.913 |
| TWh Generated Qualifying | 3.921 | 3.996 | 3.990 | 3.990 | 3.913 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.1842E-07 | 0.1909E-08 | 0.1793E-08 | 0.2238E-08 | 0.1477E-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 | 1.187 | 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] | 0.9552 | 0.4426E-02 | 0.1480E-02 | 0.3744E-01 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | -0.1465 |
| Total [MTons] | 2.116 | 1.192 | 1.154 | 1.190 | 0.8597 |
| | | | | | |
| TBtu Consumed | 48.79 | 49.04 | 48.71 | 48.71 | 40.65 |
| Rate - [lb/MMBtu] | 0.4760E-01 | 0.4842E-01 | 0.4733E-01 | 0.4734E-01 | 0.4951E-01 |
| TWh Generated | 5.993 | 6.013 | 5.987 | 5.987 | 4.889 |
| TWh Generated Qualifying | 5.993 | 6.013 | 5.987 | 5.987 | 4.889 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.7181E-08 | 0.1101E-08 | 0.1193E-08 | 0.1519E-08 | 0.1309E-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] | 0.2061E+05 | 0.2402E+05 | 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 | 7.289 | 7.289 | 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] | 0.7135E-10 | 0.1119E-09 | 0.000 | 0.1410E-10 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | -0.1108E-09 | 0.000 | -0.1841E-10 |
| Total [MTons] | 7.289 | 7.289 | 7.289 | 7.289 | 7.289 |
| TBtu Consumed | 42.54 | 43.49 | 43.49 | 43.49 | 42.54 |
| Rate - [lb/MMBtu] | 0.3427 | 0.3352 | 0.3352 | 0.3352 | 0.3427 |
| TWh Generated | 3.913 | 3.987 | 3.987 | 3.987 | 3.913 |
| TWh Generated Qualifying | 3.913 | 3.987 | 3.987 | 3.987 | 3.913 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 799.9 | 683.7 | 836.2 | 649.6 | 616.3 |

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. | 4471. | 4466. | 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] | 80.62 | 0.000 | 0.000 | 0.4185 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | -14.65 | -0.3040E-01 | 0.000 | -1.165 |
| Total [MTons] | 4453. | 4456. | 4466. | 4467. | 4365. |
| TBtu Consumed | 42.64 | 43.60 | 43.53 | 43.53 | 42.54 |
| Rate - [lb/MMBtu] | 205.1 | 205.1 | 205.2 | 205.2 | 205.3 |
| TWh Generated | 3.921 | 3.996 | 3.990 | 3.990 | 3.913 |
| TWh Generated Qualifying | 3.921 | 3.996 | 3.990 | 3.990 | 3.913 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.4823E-10 | 0.9758E-11 | 0.1366E-10 | 0.1632E-10 | 0.1393E-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] | 30.08 | 19.34 | 18.33 | 18.50 | 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] | 4.393 | 0.000 | 0.000 | 0.3687E-01 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | -0.4803 | -0.1201E-02 | 0.000 | -0.2712 |
| Total [MTons] | 34.47 | 18.86 | 18.33 | 18.53 | 16.34 |
| TBtu Consumed | 353.9 | 360.3 | 400.3 | 450.2 | 515.2 |
| Rate - [lb/MMBtu] | 0.1700 | 0.1074 | 0.9158E-01 | 0.8216E-01 | 0.6448E-01 |
| TWh Generated | 40.30 | 43.62 | 50.31 | 57.63 | 66.74 |
| TWh Generated Qualifying | 40.30 | 43.62 | 50.31 | 57.63 | 66.74 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.3000E-08 | 0.1793E-09 | 0.2383E-09 | 0.3340E-09 | 0.2967E-09 |

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] | 117.0 | 47.40 | 49.55 | 39.62 | 38.63 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 50.79 | 0.000 | 0.000 | 0.1410 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | -9.616 | -0.5734E-01 | 0.000 | -0.3908 |
| Total [MTons] | 167.8 | 37.79 | 49.49 | 39.76 | 38.24 |
| TBtu Consumed | 270.4 | 254.6 | 404.1 | 459.2 | 608.4 |
| Rate - [lb/MMBtu] | 0.8651 | 0.3724 | 0.2452 | 0.1726 | 0.1270 |
| TWh Generated | 26.76 | 25.17 | 45.93 | 54.16 | 74.99 |
| TWh Generated Qualifying | 26.76 | 25.17 | 45.93 | 54.16 | 74.99 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.3276E-09 | 0.7923E-10 | 0.6418E-10 | 0.7696E-10 | 0.7040E-10 |

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 | 13.12 | 8.641 | 8.298 | 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 | 13.12 | 8.641 | 8.298 | 8.239 |
| | | | | | |
| TBtu Consumed | 0.000 | 201.2 | 198.5 | 195.4 | 193.4 |
| Rate - [lb/MMBtu] | 0.000 | 0.1304 | 0.8708E-01 | 0.8495E-01 | 0.8520E-01 |
| TWh Generated | 0.000 | 19.15 | 18.77 | 18.49 | 18.30 |
| TWh Generated Qualifying | 0.000 | 19.15 | 18.77 | 18.49 | 18.30 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.2026E-09 | 0.4751E-09 | 0.6253E-09 | 0.5438E-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 | 34.32 | 23.31 | 22.25 | 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 | 34.32 | 23.31 | 22.25 | 20.74 |
| | | | | | |
| TBtu Consumed | 0.000 | 201.2 | 198.5 | 195.4 | 193.4 |
| Rate - [lb/MMBtu] | 0.000 | 0.3412 | 0.2349 | 0.2278 | 0.2145 |
| TWh Generated | 0.000 | 19.15 | 18.77 | 18.49 | 18.30 |
| TWh Generated Qualifying | 0.000 | 19.15 | 18.77 | 18.49 | 18.30 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.7303E-10 | 0.1487E-09 | 0.1960E-09 | 0.1637E-09 |

Constraint Name: NOx Policy for Houston 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 #: 26

| | | | | | |
|--|------------|------------|------------|------------|------------|
| 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 | 311.6 | 261.5 | 257.7 | 284.6 |
| Rate - [lb/MMBtu] | 0.5427E-01 | 0.5423E-01 | 0.6463E-01 | 0.6558E-01 | 0.5939E-01 |
| TWh Generated | 33.41 | 33.12 | 26.89 | 26.65 | 30.93 |
| TWh Generated Qualifying | 33.41 | 33.12 | 26.89 | 26.65 | 30.93 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.2250E+05 | 0.2131E+05 | 0.1070E+05 | 5493. | 3125. |

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 | 1.579 | 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 | 1.579 | 0.6233 | 0.5524 | 0.4356 |
| TBtu Consumed | 32.96 | 49.02 | 23.71 | 18.31 | 15.36 |
| Rate - [lb/MMBtu] | 0.5972E-01 | 0.6443E-01 | 0.5258E-01 | 0.6032E-01 | 0.5674E-01 |
| TWh Generated | 3.131 | 4.543 | 2.258 | 1.739 | 1.459 |
| TWh Generated Qualifying | 3.131 | 4.543 | 2.258 | 1.739 | 1.459 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.1508E-07 | 0.4750E-08 | 0.3219E-08 | 0.4184E-08 | 0.3164E-08 |

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 | 112.3 | 102.1 | 95.03 |
| -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] | 122.6 | 123.5 | 112.3 | 102.1 | 95.03 |
| TBtu Consumed | 1730. | 1798. | 1501. | 1348. | 1224. |
| Rate - [lb/MMBtu] | 0.1417 | 0.1374 | 0.1496 | 0.1514 | 0.1553 |
| TWh Generated | 183.1 | 188.4 | 153.2 | 138.0 | 124.0 |
| TWh Generated Qualifying | 183.1 | 188.4 | 153.2 | 138.0 | 124.0 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.1087E-07 | 1.903 | 0.2913E-09 | 0.2232E-09 | 0.1512E-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 | 43.53 | 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 | 43.53 | 8.137 | 7.786 |
| TBtu Consumed | 171.3 | 171.3 | 171.2 | 162.7 | 155.7 |
| Rate - [lb/MMBtu] | 1.000 | 1.000 | 0.5084 | 0.1000 | 0.1000 |
| TWh Generated | 16.98 | 16.98 | 16.80 | 15.86 | 15.12 |
| TWh Generated Qualifying | 16.98 | 16.98 | 16.80 | 15.86 | 15.12 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.5429E-09 | 0.1035E-09 | 0.6570E-10 | 0.6163E-10 | 0.5369E-10 |

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 | 29.71 | 24.00 | 20.62 | 18.07 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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 | 29.71 | 24.00 | 20.62 | 18.07 |
| TBtu Consumed | 366.9 | 452.0 | 345.6 | 287.6 | 248.8 |
| Rate - [lb/MMBtu] | 0.1558 | 0.1315 | 0.1389 | 0.1434 | 0.1453 |
| TWh Generated | 35.83 | 43.39 | 33.20 | 27.67 | 24.13 |
| TWh Generated Qualifying | 35.83 | 43.39 | 33.20 | 27.67 | 24.13 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.6280E-09 | 0.1118E-09 | 0.1276E-09 | 0.1614E-09 | 0.1277E-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 | 6.943 | 3.763 | 3.364 | 2.940 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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 | 6.943 | 3.763 | 3.364 | 2.940 |
| | | | | | |
| TBtu Consumed | 65.33 | 202.2 | 137.2 | 110.0 | 106.6 |
| Rate - [lb/MMBtu] | 0.1956 | 0.6868E-01 | 0.5485E-01 | 0.6119E-01 | 0.5518E-01 |
| TWh Generated | 6.030 | 27.13 | 19.05 | 15.10 | 14.78 |
| TWh Generated Qualifying | 6.030 | 27.13 | 19.05 | 15.10 | 14.78 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.1368E-08 | 0.2562E-09 | 0.2961E-09 | 0.4130E-09 | 0.3358E-09 |

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] | 0.9828E-08 | 0.2170E-08 | 0.2816E-08 | 0.3659E-08 | 0.3123E-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] | 2258. | 179.5 | 377.9 | 1765. | 766.5 |

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] | 1356. | 896.6 | 1060. | 1073. | 1186. |

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 | 4288. | 4129. | 4381. | 2990. |

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] | 4137. | 2035. | 2101. | 2286. | 2111. |

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] | 4.929 | 4.749 | 3.593 | 2.629 | 1.717 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 4.929 | 4.749 | 3.593 | 2.629 | 1.717 |
| TBtu Consumed | 66.16 | 63.74 | 48.23 | 35.29 | 23.05 |
| Rate - [lb/MMBtu] | 0.1490 | 0.1490 | 0.1490 | 0.1490 | 0.1490 |
| TWh Generated | 9.090 | 8.756 | 6.626 | 4.848 | 3.167 |
| TWh Generated Qualifying | 9.090 | 8.756 | 6.626 | 4.848 | 3.167 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 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 | 0.7102E-01 | 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 | 0.7102E-01 | 0.2408E-01 | 0.2408E-01 | 0.2408E-01 |
| TBtu Consumed | 0.7569 | 0.9532 | 0.3232 | 0.3232 | 0.3232 |
| Rate - [lb/MMBtu] | 0.1490 | 0.1490 | 0.1490 | 0.1490 | 0.1490 |
| TWh Generated | 0.7099E-01 | 0.8940E-01 | 0.3031E-01 | 0.3031E-01 | 0.3031E-01 |
| TWh Generated Qualifying | 0.7099E-01 | 0.8940E-01 | 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 | 0.5468E-02 | 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 | 0.5468E-02 | 0.000 | 0.000 | 0.000 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.7339E-01 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.1490 | 0.000 | 0.000 | 0.000 |
| TWh Generated | 0.000 | 0.5512E-02 | 0.000 | 0.000 | 0.000 |
| TWh Generated Qualifying | 0.000 | 0.5512E-02 | 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] | 1359. | 175.3 | 0.3036E-07 | 174.6 | 525.4 |

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] | 2.352 | 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] | 2.352 | 1.788 | 1.788 | 1.788 | 1.788 |
| | | | | | |
| TBtu Consumed | 15.48 | 15.48 | 15.48 | 15.48 | 15.48 |
| Rate - [lb/MMBtu] | 0.3038 | 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] | 0.4274E-07 | 0.2657E-08 | 0.3421E-08 | 0.4449E-08 | 0.3877E-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] | 0.4720E-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] | 129.9 | 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] | 129.9 | 28.51 | 28.51 | 28.51 | 28.51 |
| TBtu Consumed | 15.48 | 15.48 | 15.48 | 15.48 | 15.48 |
| Rate - [lb/MMBtu] | 0.8394E-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] | 1.344 | 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] | 1.344 | 1.453 | 1.453 | 1.453 | 1.453 |
| TBtu Consumed | 10.80 | 11.67 | 11.67 | 11.67 | 11.67 |
| Rate - [lb/MMBtu] | 0.2490 | 0.2490 | 0.2490 | 0.2490 | 0.2490 |
| TWh Generated | 1.461 | 1.580 | 1.580 | 1.580 | 1.580 |
| TWh Generated Qualifying | 1.461 | 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] | 0.6374 | 1.238 | 2.458 | 1.629 | 1.195 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 0.6374 | 1.238 | 2.458 | 1.629 | 1.195 |
| TBtu Consumed | 5.120 | 9.941 | 19.74 | 13.09 | 9.599 |
| Rate - [lb/MMBtu] | 0.2490 | 0.2490 | 0.2490 | 0.2490 | 0.2490 |
| TWh Generated | 0.4840 | 0.9397 | 1.867 | 1.237 | 0.9075 |
| TWh Generated Qualifying | 0.4840 | 0.9397 | 1.867 | 1.237 | 0.9075 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 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] | 0.3916E+05 | 505.5 | 561.0 | 608.7 | 336.7 |

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] | 5931. | 161.5 | 206.1 | 326.6 | 387.8 |

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] | 3022. | 666.5 | 816.6 | 1046. | 1268. |

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] | 1514. | 425.7 | 513.3 | 646.3 | 790.2 |

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] | 1316. | 646.6 | 799.7 | 788.9 | 872.2 |

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 | 0.1731E-06 | 0.1629E-06 | 0.1833E-06 | 0.1499E-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 | 1214. | 343.7 | 242.5 | 161.9 |

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 | 1030. | 302.3 | 215.6 | 142.6 |

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 | 4203. | 3714. | 2794. |

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 | 4200. | 3709. | 2791. |

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 | 1639. | 1459. | 1093. |

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 | 1602. | 1434. | 1076. |

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 | 9942. | 2889. | 692.8 |

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 | 5236. | 1223. | 385.9 |

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 | 4514. | 1104. | 478.6 |

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 | 0.5807 | 0.5807 | 0.5807 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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 | 0.5807 | 0.5807 | 0.5807 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 18.73 | 18.73 | 18.73 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| TWh Generated | 0.000 | 0.000 | 1.867 | 1.867 | 1.867 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.867 | 1.867 | 1.867 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 4547. | 1136. | 626.9 |

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 | 1365. | 307.0 | 250.2 |

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 | 0.5438E-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 | 0.3095E-07 | 0.3540E-07 | 0.2718E-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 | 204.6 | 99.07 | 60.19 |

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 | 0.3457 | 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 | 0.3457 | 0.3457 | 0.3457 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 11.52 | 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 | 1.137 | 1.137 | 1.137 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.137 | 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 | 0.2005E-05 | 0.1930E-05 | 0.1467E-05 |

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 | 0.2345E-05 | 0.1450E-05 | 0.1301E-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 | 0.1822E+05 | 0.1905E+05 | 0.2179E+05 | 0.1738E+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 | 1.334 | 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 | 1.334 | 1.334 | 1.204 |
| | | | | | |
| TBtu Consumed | 47.89 | 47.89 | 44.45 | 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 | 4.147 | 4.147 | 3.743 |
| TWh Generated Qualifying | 4.468 | 4.468 | 4.147 | 4.147 | 3.743 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.3420E-06 | 0.1367E-06 | 0.1330E-06 | 0.1567E-06 | 0.1378E-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. | 0.1588E-06 | 0.1514E-06 | 0.1707E-06 | 0.1391E-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 | 0.7234 | 0.7215 | 0.6931 | 0.6316 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 0.7234 | 0.7215 | 0.6931 | 0.6316 |
| | | | | | |
| TBtu Consumed | 0.000 | 21.05 | 21.05 | 21.05 | 21.05 |
| Rate - [lb/MMBtu] | 0.000 | 0.6872E-01 | 0.6854E-01 | 0.6584E-01 | 0.6000E-01 |
| TWh Generated | 0.000 | 1.968 | 1.968 | 1.968 | 1.968 |
| TWh Generated Qualifying | 0.000 | 1.968 | 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 | 0.3817E-08 | 0.4771E-08 | 0.6146E-08 | 0.4060E-08 |

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 | 0.7234 | 0.7215 | 0.6931 | 0.6316 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 0.7234 | 0.7215 | 0.6931 | 0.6316 |
| | | | | | |
| TBtu Consumed | 0.000 | 21.05 | 21.05 | 21.05 | 21.05 |
| Rate - [lb/MMBtu] | 0.000 | 0.6872E-01 | 0.6854E-01 | 0.6584E-01 | 0.6000E-01 |
| TWh Generated | 0.000 | 1.968 | 1.968 | 1.968 | 1.968 |
| TWh Generated Qualifying | 0.000 | 1.968 | 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 | 0.3817E-08 | 0.4771E-08 | 0.6146E-08 | 0.4060E-08 |

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 | 0.1171E+05 | 0.1463E+05 | 0.1245E+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 | 0.1173E+05 | 0.1465E+05 | 0.1247E+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 | 0.1099E+05 | 0.1349E+05 | 0.1135E+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 | 0.1360E+05 | 0.1637E+05 | 0.1444E+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 | 3082. | 1445. | 934.6 |

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 | 3288. | 1415. | 891.6 |

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 | 3514. | 863.2 | 638.4 |

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 | 1.536 | 1.536 | 1.536 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 1.536 | 1.536 | 1.536 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 18.73 | 18.73 | 18.73 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.1640 | 0.1640 | 0.1640 |
| TWh Generated | 0.000 | 0.000 | 1.867 | 1.867 | 1.867 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.867 | 1.867 | 1.867 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 3723. | 860.1 | 560.1 |

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 | 3.760 | 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 | 3.760 | 2.252 |
| TBtu Consumed | 47.06 | 48.18 | 48.18 | 47.00 | 45.04 |
| Rate - [lb/MMBtu] | 0.1600 | 0.1600 | 0.1600 | 0.1600 | 0.1000 |
| TWh Generated | 4.251 | 4.351 | 4.351 | 4.245 | 4.060 |
| TWh Generated Qualifying | 4.251 | 4.351 | 4.351 | 4.245 | 4.060 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 2684. | 660.2 | 310.9 | 34.52 | 0.3940E-08 |

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 | 0.1815E+05 | 0.1444E+05 | 0.1672E+05 | 0.1788E+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 | 0.3141E-07 | 0.3329E-07 | 0.2713E-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 | 0.6284E-08 | 0.7646E-08 | 0.6007E-08 |

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 | 1.127 | 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 | 1.127 | 1.127 | 1.127 | 1.046 |
| | | | | | |
| TBtu Consumed | 0.000 | 25.61 | 25.61 | 25.61 | 23.77 |
| Rate - [lb/MMBtu] | 0.000 | 0.8800E-01 | 0.8800E-01 | 0.8800E-01 | 0.8800E-01 |
| TWh Generated | 0.000 | 2.340 | 2.340 | 2.340 | 2.172 |
| TWh Generated Qualifying | 0.000 | 2.340 | 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 | 0.5138E-08 | 0.5561E-08 | 0.6976E-08 | 0.5517E-08 |