

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] | 905643. | 912579. | 945939. | 1014066. | 1109629. |
| Plus Firm Purchases [MW] | 0. | 0. | 0. | 0. | 0. |
| Plus Transmission In WINTER [MW] | 6535. | 6862. | 5144. | 5360. | 7169. |
| Total R.M. Capacity WINTER [MW] | 912178. | 919441. | 951083. | 1019425. | 1116798. |
| 2. Peak Load WINTER [MW] | 649218. | 681168. | 729980. | 785419. | 858871. |
| Less DSM [MW] | 0. | 0. | 0. | 0. | 0. |
| Plus Firm Sales [MW] | 0. | 0. | 0. | 0. | 0. |
| Plus Transmission Out WINTER [MW] | 6601. | 6931. | 5196. | 5414. | 7242. |
| Net Demand WINTER [MW] | 655819. | 688099. | 735176. | 790833. | 866112. |
| 3. Reserve Margin WINTER [%] | 39. | 34. | 30. | 29. | 29. |
| 1. Reserve Margin Capacity SUMMER [MW] | 905643. | 912579. | 945939. | 1014066. | 1109628. |
| Plus Firm Purchases [MW] | 0. | 0. | 0. | 0. | 0. |
| Plus Transmission In SUMMER [MW] | 29627. | 30088. | 39486. | 28124. | 31904. |
| Total R.M. Capacity SUMMER [MW] | 935270. | 942667. | 985425. | 1042190. | 1141532. |
| 2. Peak Load SUMMER [MW] | 724779. | 761827. | 817715. | 881026. | 965092. |
| Less DSM [MW] | 0. | 0. | 0. | 0. | 0. |
| Plus Firm Sales [MW] | 0. | 0. | 0. | 0. | 0. |
| Plus Transmission Out SUMMER [MW] | 29926. | 30391. | 39885. | 28408. | 32226. |
| Net Demand SUMMER [MW] | 754705. | 792218. | 857600. | 909434. | 997318. |
| 3. Reserve Margin SUMMER [%] | 25. | 20. | 16. | 15. | 15. |
| 4. Generation [GWh] | 4008741. | 4189750. | 4499061. | 4847652. | 5312484. |
| Inter-Region Transmission [GWh] | -11446. | -11282. | -9781. | -8720. | -8697. |
| Pumping & Storage Losses [GWh] | 18222. | 20933. | 23383. | 22537. | 25236. |
| Plus Purchases [GWh] | 0. | 0. | 0. | 0. | 0. |
| Less Sales [GWh] | 0. | 0. | 0. | 0. | 0. |
| 5. Total Supply for Demand [GWh] | 3979073. | 4157535. | 4465898. | 4816394. | 5278551. |
| 6. Projected Demand [GWh] | 3979073. | 4157535. | 4465898. | 4816394. | 5278551. |
| Energy Not Served [GWh] | 0. | 0. | 0. | 0. | 0. |
| Less DSM [GWh] | 0. | 0. | 0. | 0. | 0. |
| Net Demand [GWh] | 3979073. | 4157535. | 4465898. | 4816394. | 5278551. |
| 7. Dumped Energy [GWh] | 0. | 0. | 0. | 0. | 0. |
| 8. Total Supply for Demand [GWh] | 3979073. | 4157535. | 4465898. | 4816394. | 5278551. |
| Less T&D Losses [GWh] | 305718. | 319430. | 343122. | 370051. | 405559. |
| 9. Total Sales [GWh] | 3673355. | 3838105. | 4122776. | 4446343. | 4872992. |
| 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 | 1.04 | 0.62 | 32.51 | 36.34 | 33.72 |

| 10. Capacity by Plant Type [MW] | | 2007 | 2010 | 2015 | 2020 | 2026 |
|---------------------------------|----|---------|---------|----------|----------|----------|
| ----- | | | | | | |
| Scrubbed Coal_SCR | 1 | 30480. | 31492. | 31492. | 47953. | 90449. |
| Scrubbed Coal_SNCR | 2 | 2280. | 2280. | 2280. | 2280. | 2280. |
| Scrubbed Coal_NOx | 3 | 0. | 0. | 0. | 0. | 0. |
| Scrubbed Coal | 4 | 63809. | 56122. | 49916. | 49916. | 48934. |
| Unscrubbed Coal_SCR | 5 | 51371. | 24906. | 15509. | 11412. | 7533. |
| Unscrubbed Coal_SNCR | 6 | 7457. | 5367. | 3190. | 2708. | 1780. |
| Unscrubbed Coal_NOx | 7 | 0. | 0. | 0. | 0. | 0. |
| Unscrubbed Coal | 8 | 122568. | 101985. | 65587. | 58249. | 50067. |
| Oil/Gas Steam | 9 | 76501. | 72415. | 72415. | 72415. | 72415. |
| Oil/Gas Steam_SCR | 10 | 8186. | 5588. | 5588. | 5588. | 5588. |
| Oil/Gas Steam_NOx | 11 | 544. | 298. | 298. | 298. | 298. |
| Nuclear | 12 | 100221. | 100571. | 102123. | 102603. | 102603. |
| Hydro | 13 | 89877. | 89877. | 89877. | 89877. | 89877. |
| Comb.Cycle Gas | 14 | 147095. | 148552. | 181126. | 204569. | 220031. |
| IGCC | 15 | 612. | 612. | 612. | 8842. | 30090. |
| Combustion Turbine | 16 | 130223. | 129970. | 129514. | 149361. | 166060. |
| Biomass | 17 | 1358. | 1456. | 1456. | 1456. | 1456. |
| Geothermal | 18 | 3165. | 3289. | 3399. | 3399. | 3399. |
| Landfill Gas | 19 | 549. | 581. | 1003. | 1075. | 1075. |
| Wind | 20 | 6896. | 7218. | 7294. | 7297. | 7312. |
| 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 | 17845. | 17836. | 17836. | 17833. | 17833. |
| Cgn_Oil/Gas Steam | 29 | 572. | 572. | 571. | 571. | 571. |
| 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. | 8368. | 8371. | 8371. | 8371. |
| Rep.Coal-IGCC | 36 | 0. | 111. | 111. | 111. | 111. |
| Ret.Scrubber | 37 | 1722. | 4973. | 17290. | 22566. | 29209. |
| Ret.ExistSCR & Scrub | 38 | 2717. | 28627. | 37826. | 41837. | 45634. |
| Ret.ExistSNCR & Scrub | 39 | 502. | 2502. | 4633. | 5105. | 6014. |
| Ret.SCR | 40 | 10850. | 19917. | 24508. | 17132. | 13736. |
| Ret.ExistScrub & SCR | 41 | 2506. | 9999. | 16015. | 16015. | 16997. |
| Ret.SNCR | 42 | 201. | 293. | 1641. | 1641. | 1641. |
| Ret.ExistScrub & SNCR | 43 | 0. | 0. | 189. | 189. | 189. |
| Ret.SCR+Scrb | 44 | 3059. | 10024. | 27527. | 36656. | 41344. |
| 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. | 24. | 24. | 24. | 24. |
| 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. | 280. | 280. | 280. | 280. |
| Ret.ExistSCR&ACI&Scrub | 58 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistSNCR&ACI&Scrub | 59 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistSNCR&ExistScrub&ACI | 60 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistSCR&ExistScrub&ACI | 61 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistNOx&ExistScrub&ACI | 62 | 0. | 0. | 0. | 0. | 0. |
| Ret.SCR & Scrub & ACI | 63 | 0. | 0. | 0. | 0. | 0. |
| Ret.SNCR & Scrub & ACI | 64 | 0. | 0. | 0. | 0. | 0. |
| Ret.O/G SCR | 65 | 0. | 552. | 552. | 552. | 552. |
| Ret.O/G SNCR | 66 | 760. | 3269. | 3269. | 3269. | 3269. |
| 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. | 3103. | 3140. | 3143. |
| CC Early Retirement | 71 | 945. | 1070. | 1563. | 1566. | 1566. |
| O/G Early Retirement | 72 | 40700. | 41423. | 41423. | 41423. | 41423. |
| Coal Early Retirement | 73 | 4476. | 4683. | 4683. | 4683. | 4688. |
| Nuke Early Retirement | 74 | 0. | 0. | 0. | 0. | 0. |
| ----- | | ----- | | | | |
| Total | | 970911. | 979377. | 1013821. | 1081989. | 1177568. |

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

| | | 2007 | 2010 | 2015 | 2020 | 2026 |
|------------------------------|----|--------|--------|---------|--------|---------|
| Scrubbed Coal_SCR | 1 | 0. | 222. | 0. | 16461. | 42496. |
| 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. | 1573. | 33067. | 23444. | 15461. |
| IGCC | 15 | 0. | 0. | 0. | 8230. | 21248. |
| Combustion Turbine | 16 | 0. | 0. | 68. | 19884. | 16702. |
| Biomass | 17 | 0. | 0. | 0. | 0. | 0. |
| Geothermal | 18 | 0. | 0. | 0. | 0. | 0. |
| Landfill Gas | 19 | 0. | 0. | 422. | 72. | 0. |
| Wind | 20 | 0. | 0. | 16. | 3. | 15. |
| 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. | 8368. | 3. | 0. | 0. |
| Rep.Coal-IGCC | 36 | 0. | 111. | 0. | 0. | 0. |
| Ret.Scrubber | 37 | 1722. | 7524. | 18582. | 5276. | 6887. |
| Ret.ExistSCR & Scrub | 38 | 2717. | 25910. | 9200. | 4011. | 3798. |
| Ret.ExistSNCR & Scrub | 39 | 502. | 2000. | 2131. | 472. | 909. |
| Ret.SCR | 40 | 10850. | 9299. | 10913. | 297. | 133. |
| Ret.ExistScrub & SCR | 41 | 2506. | 7492. | 6016. | 0. | 983. |
| Ret.SNCR | 42 | 201. | 92. | 1348. | 0. | 0. |
| Ret.ExistScrub & SNCR | 43 | 0. | 0. | 189. | 0. | 0. |
| Ret.SCR+Scrb | 44 | 3059. | 6965. | 17503. | 9129. | 4688. |
| 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. | 24. | 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. | 280. | 0. | 0. | 0. |
| Ret.ExistSCR&ACI&Scrub | 58 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistSNCR&ACI&Scrub | 59 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistSNCR&ExistScrub&ACI | 60 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistSCR&ExistScrub&ACI | 61 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistNOx&ExistScrub&ACI | 62 | 0. | 0. | 0. | 0. | 0. |
| Ret.SCR & Scrub & ACI | 63 | 0. | 0. | 0. | 0. | 0. |
| Ret.SNCR & Scrub & ACI | 64 | 0. | 0. | 0. | 0. | 0. |
| Ret.O/G SCR | 65 | 0. | 552. | 0. | 0. | 0. |
| Ret.O/G SNCR | 66 | 760. | 2509. | 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. | 524. | 37. | 3. |
| CC Early Retirement | 71 | 945. | 125. | 493. | 3. | 0. |
| O/G Early Retirement | 72 | 40700. | 722. | 0. | 0. | 0. |
| Coal Early Retirement | 73 | 4476. | 207. | 0. | 0. | 5. |
| Nuke Early Retirement | 74 | 0. | 0. | 0. | 0. | 0. |
| Total | | 70765. | 75338. | 100475. | 87318. | 113327. |

| 12. Generation by Plant Type [GWh] | | 2007 | 2010 | 2015 | 2020 | 2026 |
|------------------------------------|----|----------|----------|----------|----------|----------|
| ----- | | | | | | |
| Scrubbed Coal_SCR | 1 | 226963. | 234501. | 234501. | 357131. | 673345. |
| Scrubbed Coal_SNCR | 2 | 16472. | 16549. | 16680. | 16680. | 16542. |
| Scrubbed Coal_NOx | 3 | 0. | 0. | 0. | 0. | 0. |
| Scrubbed Coal | 4 | 471209. | 415559. | 371388. | 371352. | 357991. |
| Unscrubbed Coal_SCR | 5 | 363063. | 176918. | 112779. | 84457. | 55778. |
| Unscrubbed Coal_SNCR | 6 | 46632. | 35555. | 22669. | 18733. | 12101. |
| Unscrubbed Coal_NOx | 7 | 0. | 0. | 0. | 0. | 0. |
| Unscrubbed Coal | 8 | 831530. | 711228. | 467678. | 410442. | 342900. |
| Oil/Gas Steam | 9 | 28022. | 25040. | 17795. | 13068. | 8894. |
| Oil/Gas Steam_SCR | 10 | 14823. | 1676. | 974. | 557. | 826. |
| Oil/Gas Steam_NOx | 11 | 0. | 0. | 0. | 0. | 0. |
| Nuclear | 12 | 785243. | 798667. | 811007. | 808645. | 796943. |
| Hydro | 13 | 275692. | 275692. | 275692. | 275692. | 275692. |
| Comb.Cycle Gas | 14 | 574427. | 633056. | 915813. | 1081696. | 1103802. |
| IGCC | 15 | 4702. | 4702. | 4702. | 67917. | 231116. |
| Combustion Turbine | 16 | 25214. | 31523. | 30221. | 54044. | 64873. |
| Biomass | 17 | 8468. | 8763. | 9160. | 9037. | 8933. |
| Geothermal | 18 | 24121. | 25066. | 25904. | 25904. | 25904. |
| Landfill Gas | 19 | 4328. | 4580. | 7724. | 8261. | 8261. |
| Wind | 20 | 14091. | 14738. | 14879. | 14889. | 14944. |
| 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 | 13709. | 15765. | 17738. | 17121. | 19144. |
| Int. Imports | 26 | 41303. | 44063. | 40296. | 27331. | 13578. |
| Cgn_CT | 27 | 7276. | 1822. | 1281. | 1088. | 1085. |
| Cgn_CC | 28 | 41718. | 38210. | 30750. | 29693. | 28248. |
| Cgn_Oil/Gas Steam | 29 | 0. | 0. | 0. | 0. | 0. |
| Cgn_Biomass | 30 | 2645. | 2606. | 2612. | 2657. | 2654. |
| Cgn_Fossil_Other | 31 | 2846. | 2846. | 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. | 157. | 553. | 840. | 840. |
| Rep.O/G-CC | 35 | 0. | 66272. | 66297. | 66297. | 66297. |
| Rep.Coal-IGCC | 36 | 0. | 854. | 854. | 854. | 854. |
| Ret.Scrubber | 37 | 12681. | 37033. | 128748. | 168036. | 217499. |
| Ret.ExistSCR & Scrub | 38 | 20229. | 213162. | 281665. | 311529. | 338580. |
| Ret.ExistSNCR & Scrub | 39 | 3469. | 18632. | 34501. | 38015. | 44512. |
| Ret.SCR | 40 | 80259. | 145376. | 180619. | 126325. | 99572. |
| Ret.ExistScrub & SCR | 41 | 18661. | 74452. | 119251. | 119251. | 126568. |
| Ret.SNCR | 42 | 913. | 1818. | 10614. | 10405. | 9794. |
| Ret.ExistScrub & SNCR | 43 | 0. | 0. | 1407. | 1407. | 1407. |
| Ret.SCR+Scrb | 44 | 22779. | 74643. | 204974. | 272950. | 307859. |
| 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. | 176. | 176. | 176. | 176. |
| 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. | 2083. | 2083. | 2083. | 2083. |
| Ret.ExistSCR&ACI&Scrub | 58 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistSNCR&ACI&Scrub | 59 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistSNCR&ExistScrub&ACI | 60 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistSCR&ExistScrub&ACI | 61 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistNOx&ExistScrub&ACI | 62 | 0. | 0. | 0. | 0. | 0. |
| Ret.SCR & Scrub & ACI | 63 | 0. | 0. | 0. | 0. | 0. |
| Ret.SNCR & Scrub & ACI | 64 | 0. | 0. | 0. | 0. | 0. |
| Ret.O/G SCR | 65 | 0. | 1019. | 582. | 582. | 582. |
| Ret.O/G SNCR | 66 | 801. | 8764. | 5432. | 3446. | 3246. |
| 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 | | 4008741. | 4189750. | 4499062. | 4847652. | 5312483. |

| 12a. Generation by Fuel Type [GWh] | 2007 | 2010 | 2015 | 2020 | 2026 |
|------------------------------------|----------|----------|----------|----------|----------|
| ----- | ----- | ----- | ----- | ----- | ----- |
| Coal | 2119562. | 2164691. | 2196743. | 2379192. | 2840125. |
| Oil | 0. | 0. | 0. | 0. | 0. |
| Nuclear | 785243. | 798666. | 811008. | 808645. | 796944. |
| Hydro | 275692. | 275692. | 275692. | 275692. | 275692. |
| Gas | 692282. | 807539. | 1069698. | 1251312. | 1278694. |
| Other | 11636. | 11889. | 15032. | 15569. | 15569. |
| None | 113212. | 119903. | 119118. | 105546. | 93871. |
| Biomass | 11113. | 11369. | 11772. | 11695. | 11588. |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Total | 4008741. | 4189750. | 4499062. | 4847652. | 5312483. |

| 13. Generation by Plant Type [TBtu] | | 2007 | 2010 | 2015 | 2020 | 2026 |
|-------------------------------------|----|--------|--------|--------|--------|--------|
| <hr/> | | | | | | |
| Scrubbed Coal_SCR | 1 | 774. | 800. | 800. | 1219. | 2297. |
| Scrubbed Coal_SNCR | 2 | 56. | 56. | 57. | 57. | 56. |
| Scrubbed Coal_NOx | 3 | 0. | 0. | 0. | 0. | 0. |
| Scrubbed Coal | 4 | 1608. | 1418. | 1267. | 1267. | 1221. |
| Unscrubbed Coal_SCR | 5 | 1239. | 604. | 385. | 288. | 190. |
| Unscrubbed Coal_SNCR | 6 | 159. | 121. | 77. | 64. | 41. |
| Unscrubbed Coal_NOx | 7 | 0. | 0. | 0. | 0. | 0. |
| Unscrubbed Coal | 8 | 2837. | 2427. | 1596. | 1400. | 1170. |
| Oil/Gas Steam | 9 | 96. | 85. | 61. | 45. | 30. |
| Oil/Gas Steam_SCR | 10 | 51. | 6. | 3. | 2. | 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 | 1960. | 2160. | 3125. | 3691. | 3766. |
| IGCC | 15 | 16. | 16. | 16. | 232. | 789. |
| Combustion Turbine | 16 | 86. | 108. | 103. | 184. | 221. |
| Biomass | 17 | 29. | 30. | 31. | 31. | 30. |
| Geothermal | 18 | 82. | 86. | 88. | 88. | 88. |
| Landfill Gas | 19 | 15. | 16. | 26. | 28. | 28. |
| 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 | 47. | 54. | 61. | 58. | 65. |
| Int. Imports | 26 | 141. | 150. | 137. | 93. | 46. |
| Cgn_CT | 27 | 25. | 6. | 4. | 4. | 4. |
| Cgn_CC | 28 | 142. | 130. | 105. | 101. | 96. |
| Cgn_Oil/Gas Steam | 29 | 0. | 0. | 0. | 0. | 0. |
| Cgn_Biomass | 30 | 9. | 9. | 9. | 9. | 9. |
| Cgn_Fossil_Other | 31 | 10. | 10. | 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. | 3. |
| Rep.O/G-CC | 35 | 0. | 226. | 226. | 226. | 226. |
| Rep.Coal-IGCC | 36 | 0. | 3. | 3. | 3. | 3. |
| Ret.Scrubber | 37 | 43. | 126. | 439. | 573. | 742. |
| Ret.ExistSCR & Scrub | 38 | 69. | 727. | 961. | 1063. | 1155. |
| Ret.ExistSNCR & Scrub | 39 | 12. | 64. | 118. | 130. | 152. |
| Ret.SCR | 40 | 274. | 496. | 616. | 431. | 340. |
| Ret.ExistScrub & SCR | 41 | 64. | 254. | 407. | 407. | 432. |
| Ret.SNCR | 42 | 3. | 6. | 36. | 36. | 33. |
| Ret.ExistScrub & SNCR | 43 | 0. | 0. | 5. | 5. | 5. |
| Ret.SCR+Scrb | 44 | 78. | 255. | 699. | 931. | 1050. |
| 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. | 1. | 1. | 1. | 1. |
| 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. | 7. | 7. | 7. | 7. |
| Ret.ExistSCR&ACI&Scrub | 58 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistSNCR&ACI&Scrub | 59 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistSNCR&ExistScrub&ACI | 60 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistSCR&ExistScrub&ACI | 61 | 0. | 0. | 0. | 0. | 0. |
| Ret.ExistNOx&ExistScrub&ACI | 62 | 0. | 0. | 0. | 0. | 0. |
| Ret.SCR & Scrub & ACI | 63 | 0. | 0. | 0. | 0. | 0. |
| Ret.SNCR & Scrub & ACI | 64 | 0. | 0. | 0. | 0. | 0. |
| Ret.O/G SCR | 65 | 0. | 3. | 2. | 2. | 2. |
| Ret.O/G SNCR | 66 | 3. | 30. | 19. | 12. | 11. |
| Ret.Nuclear (age 30+10 yrs) | 67 | 0. | 0. | 0. | 0. | 0. |
| Ret.Nuclear (age 40+20 yrs) | 68 | 0. | 0. | 0. | 0. | 0. |
| Ret. Biomass Cofiring | 69 | 0. | 0. | 0. | 0. | 0. |
| CT Early Retirement | 70 | 0. | 0. | 0. | 0. | 0. |
| CC Early Retirement | 71 | 0. | 0. | 0. | 0. | 0. |
| O/G Early Retirement | 72 | 0. | 0. | 0. | 0. | 0. |
| Coal Early Retirement | 73 | 0. | 0. | 0. | 0. | 0. |
| Nuke Early Retirement | 74 | 0. | 0. | 0. | 0. | 0. |
| <hr/> | | <hr/> | | | | |
| Total | | 13678. | 14295. | 15351. | 16540. | 18126. |

| 14. Capacity Factor by Plant Type [%] | | 2007 | 2010 | 2015 | 2020 | 2026 |
|---------------------------------------|----|------|------|------|------|------|
| Scrubbed Coal_SCR | 1 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| Scrubbed Coal_SNCR | 2 | 82.5 | 82.9 | 83.5 | 83.5 | 82.8 |
| Scrubbed Coal_NOx | 3 | N/A | N/A | N/A | N/A | N/A |
| Scrubbed Coal | 4 | 84.3 | 84.5 | 84.9 | 84.9 | 83.5 |
| Unscrubbed Coal_SCR | 5 | 80.7 | 81.1 | 83.0 | 84.5 | 84.5 |
| Unscrubbed Coal_SNCR | 6 | 71.4 | 75.6 | 81.1 | 79.0 | 77.6 |
| Unscrubbed Coal_NOx | 7 | N/A | N/A | N/A | N/A | N/A |
| Unscrubbed Coal | 8 | 77.4 | 79.6 | 81.4 | 80.4 | 78.2 |
| Oil/Gas Steam | 9 | 4.2 | 3.9 | 2.8 | 2.1 | 1.4 |
| Oil/Gas Steam_SCR | 10 | 20.7 | 3.4 | 2.0 | 1.1 | 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 | 44.6 | 48.6 | 57.7 | 60.4 | 57.3 |
| IGCC | 15 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| Combustion Turbine | 16 | 2.2 | 2.8 | 2.7 | 4.1 | 4.5 |
| Biomass | 17 | 71.2 | 68.7 | 71.8 | 70.9 | 70.0 |
| Geothermal | 18 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| Landfill Gas | 19 | 90.0 | 90.0 | 87.9 | 87.7 | 87.7 |
| Wind | 20 | 23.3 | 23.3 | 23.3 | 23.3 | 23.3 |
| 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 | 7.9 | 9.1 | 10.2 | 9.9 | 11.1 |
| Int. Imports | 26 | 52.4 | 55.9 | 51.1 | 34.7 | 17.2 |
| Cgn_CT | 27 | 15.0 | 3.8 | 2.6 | 2.2 | 2.2 |
| Cgn_CC | 28 | 26.7 | 24.5 | 19.7 | 19.0 | 18.1 |
| Cgn_Oil/Gas Steam | 29 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cgn_Biomass | 30 | 82.5 | 81.3 | 81.5 | 82.9 | 82.8 |
| Cgn_Fossil_Other | 31 | 90.0 | 90.0 | 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 | 2.0 | 6.9 | 10.5 | 10.5 |
| Rep.O/G-CC | 35 | N/A | 90.4 | 90.4 | 90.4 | 90.4 |
| Rep.Coal-IGCC | 36 | N/A | 87.7 | 87.7 | 87.7 | 87.7 |
| Ret.Scrubber | 37 | 84.1 | 85.0 | 85.0 | 85.0 | 85.0 |
| Ret.ExistSCR & Scrub | 38 | 85.0 | 85.0 | 85.0 | 85.0 | 84.7 |
| Ret.ExistSNCR & Scrub | 39 | 78.9 | 85.0 | 85.0 | 85.0 | 84.5 |
| Ret.SCR | 40 | 84.4 | 83.3 | 84.1 | 84.2 | 82.8 |
| Ret.ExistScrub & SCR | 41 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| Ret.SNCR | 42 | 51.9 | 70.9 | 73.8 | 72.4 | 68.1 |
| Ret.ExistScrub & SNCR | 43 | N/A | N/A | 85.0 | 85.0 | 85.0 |
| Ret.SCR+Scrb | 44 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| Ret.SNCR+Scrub | 45 | N/A | N/A | N/A | N/A | N/A |
| Ret.Gas Reburn | 46 | N/A | N/A | N/A | N/A | N/A |
| Ret.ExistScrub+GasR | 47 | N/A | N/A | N/A | N/A | N/A |
| Ret.GasReburn+Scrub | 48 | N/A | N/A | N/A | N/A | N/A |
| Ret.ACI | 49 | N/A | 85.0 | 85.0 | 85.0 | 85.0 |
| Ret.ExistScrub&ACI | 50 | N/A | 85.0 | 85.0 | 85.0 | 85.0 |
| Ret.ExistSCR&ACI | 51 | N/A | N/A | N/A | N/A | N/A |
| Ret.ExistSNCR&ACI | 52 | N/A | N/A | N/A | N/A | N/A |
| Ret.ACI & SCR | 53 | N/A | N/A | N/A | N/A | N/A |
| Ret.ExistScrub&ACI&SCR | 54 | N/A | N/A | N/A | N/A | N/A |
| Ret.ACI & SNCR | 55 | N/A | N/A | N/A | N/A | N/A |
| Ret.ExistScrub&ACI&SNCR | 56 | N/A | N/A | N/A | N/A | N/A |
| Ret.ACI & Srub | 57 | N/A | 85.0 | 85.0 | 85.0 | 85.0 |
| Ret.ExistSCR&ACI&Scrub | 58 | N/A | N/A | N/A | N/A | N/A |
| Ret.ExistSNCR&ACI&Scrub | 59 | N/A | N/A | N/A | N/A | N/A |
| Ret.ExistSNCR&ExistScrub&ACI | 60 | N/A | N/A | N/A | N/A | N/A |
| Ret.ExistSCR&ExistScrub&ACI | 61 | N/A | N/A | N/A | N/A | N/A |
| Ret.ExistNOx&ExistScrub&ACI | 62 | N/A | N/A | N/A | N/A | N/A |
| Ret.SCR & Scrub & ACI | 63 | N/A | N/A | N/A | N/A | N/A |
| Ret.SNCR & Scrub & ACI | 64 | N/A | N/A | N/A | N/A | N/A |
| Ret.O/G SCR | 65 | N/A | 21.1 | 12.0 | 12.0 | 12.0 |
| Ret.O/G SNCR | 66 | 12.0 | 30.6 | 19.0 | 12.0 | 11.3 |
| Ret.Nuclear (age 30+10 yrs) | 67 | N/A | N/A | N/A | N/A | N/A |
| Ret.Nuclear (age 40+20 yrs) | 68 | N/A | N/A | N/A | N/A | N/A |
| Ret. Biomass Cofiring | 69 | N/A | N/A | N/A | N/A | N/A |
| CT Early Retirement | 70 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| CC Early Retirement | 71 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| O/G Early Retirement | 72 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Coal Early Retirement | 73 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nuke Early Retirement | 74 | N/A | N/A | N/A | N/A | N/A |
| Average | | 47.1 | 48.8 | 50.7 | 51.1 | 51.5 |

| 15. Total Annual Production Cost [MMUS\$](*) | 2007 | 2010 | 2015 | 2020 | 2026 |
|--|---------|---------|----------|----------|----------|
| Variable O&M | 6438.4 | 7565.1 | 8652.9 | 9687.7 | 11177.9 |
| Fixed O&M | 28988.2 | 29915.8 | 32339.7 | 35253.3 | 37653.1 |
| Fuel | 46451.6 | 48047.3 | 52954.9 | 56233.1 | 59753.4 |
| Capital | 609.4 | 2435.9 | 6206.8 | 13446.4 | 26279.5 |
| Total | 82487.6 | 87964.1 | 100154.3 | 114620.5 | 134863.9 |
| 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 | 6438.4 | 7565.1 | 8652.9 | 9687.7 | 11177.9 |
| Fixed O&M | 28988.2 | 29915.8 | 32339.7 | 35253.3 | 37653.1 |
| Fuel Total | 95530.2 | 98214.1 | 103427.8 | 108168.6 | 111618.3 |
| Fuel Elec.+Steam | 39251.3 | 41067.7 | 45363.2 | 48871.7 | 51364.7 |
| Capital | 609.4 | 2435.9 | 6206.8 | 13446.4 | 26279.5 |
| Total IPM | 131566.2 | 138130.9 | 150627.2 | 166556.0 | 186728.8 |
| Total Elec.+Steam | 75287.3 | 80984.5 | 92562.6 | 107259.1 | 126475.2 |
| 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] | 7744.9009 | 6355.8862 | 5041.9966 | 4340.6294 | 3846.0061 |
| NOX [MTons] | 3601.1438 | 2449.4348 | 1999.8059 | 2016.9408 | 2062.5959 |
| TSP [MTons] | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| CO2 [MMTonnes] | 2365.5659 | 2451.9949 | 2572.2590 | 2774.5237 | 3129.3569 |
| Carbon [MMTonnes] | 645.1544 | 668.7259 | 701.5252 | 756.6883 | 853.4611 |
| MER [Tons] | 46.3052 | 41.9581 | 38.6334 | 37.8645 | 38.3339 |

Fuel Consumption by Fuel and Fuel Type [TBtu]

| Fuel | 2007 | 2010 | 2015 | 2020 | 2026 |
|-------------|---------|---------|---------|---------|---------|
| Coal | 22056.6 | 22589.0 | 23006.6 | 24509.1 | 28226.2 |
| Oil | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nuclear | 8276.8 | 8417.2 | 8543.8 | 8518.1 | 8394.5 |
| Hydro | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gas | 5328.6 | 6090.9 | 7686.0 | 8830.9 | 8934.0 |
| Other | 131.2 | 134.5 | 177.4 | 184.7 | 184.7 |
| None | 591.7 | 606.5 | 619.5 | 619.5 | 619.5 |
| Biomass | 104.1 | 106.5 | 110.6 | 109.5 | 108.6 |
| Grand Total | 36488.9 | 37944.6 | 40143.9 | 42771.8 | 46467.5 |

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

| Fuel | 2007 | 2010 | 2015 | 2020 | 2026 |
|---------|---------|---------|---------|---------|---------|
| Coal | 24460.9 | 23707.5 | 22606.0 | 22840.6 | 25212.1 |
| Oil | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nuclear | 3410.0 | 3467.9 | 3477.3 | 3458.3 | 3408.2 |
| Hydro | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gas | 18413.1 | 20701.2 | 26695.7 | 29762.5 | 30962.8 |
| Other | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| None | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Biomass | 167.7 | 170.6 | 175.8 | 171.8 | 170.3 |

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

| Fuel | 2007 | 2010 | 2015 | 2020 | 2026 |
|---------|------|------|------|------|------|
| Coal | 1.11 | 1.05 | 0.98 | 0.93 | 0.89 |
| Oil | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Nuclear | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| Hydro | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Gas | 3.46 | 3.40 | 3.47 | 3.37 | 3.47 |
| Other | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| None | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Biomass | 1.61 | 1.60 | 1.59 | 1.57 | 1.57 |

| SO ₂ Policy Case Constraint | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Total Title IV Emissions | 7512 | 6122 | 4816 | 4122 | 3633 |
| MTons Banked | 6874 | 0 | 0 | 0 | 0 |
| MTons Withdrawn | 0 | 0 | -843 | -532 | 0 |
| Rate - [lb/MMBtu] | 0.684 | 0.545 | 0.421 | 0.338 | 0.258 |
| TBtu Consumed | 21890 | 22473 | 22892 | 24394 | 28111 |
| Non-CAIR Shadow Price (US\$/Ton) | 669 | 453 | 416 | 479 | 570 |
| CAIR Shadow Price (US\$/Ton) | 669 | 712 | 1011 | 1312 | 1562 |

Constraint Name: WRAP SO2 Policy Case Constraint
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007 WINTER SUMMER
Run Year, Seasons Included: 2010 WINTER SUMMER
Run Year, Seasons Included: 2015 WINTER SUMMER
Run Year, Seasons Included: 2020 WINTER SUMMER
Run Year, Seasons Included: 2026 WINTER SUMMER

Constraint #: 3

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 0.000 | 0.000 | 0.000 | 198.9 | 198.9 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.000 | 198.9 | 198.9 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 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 | 1253. | 899.8 |

Constraint Name: MER National Constraint
Constraint Type: Rate Cap [MTons]

Constraint #: 4

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] | 0.4000E+09 | 0.4000E+09 | 0.4000E+09 | 0.4000E+09 | 0.4000E+09 |
| -Emissions at Affected Plants [Lb] | 0.000 | 0.7596E+05 | 0.6932E+05 | 0.6779E+05 | 0.6874E+05 |
| -Less Allowances Purchased [Lb] MER | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [Lb] MER | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [Lb] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [Lb] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [Lb] | 0.000 | 0.7596E+05 | 0.6932E+05 | 0.6779E+05 | 0.6874E+05 |
| TBtu Consumed | 0.000 | 0.2245E+05 | 0.2287E+05 | 0.2437E+05 | 0.2809E+05 |
| Rate - [lb/MMBtu] | 0.000 | 0.3384E-05 | 0.3032E-05 | 0.2782E-05 | 0.2448E-05 |
| TWh Generated | 0.000 | 2153. | 2185. | 2368. | 2828. |
| TWh Generated Qualifying | 0.000 | 2153. | 2185. | 2368. | 2828. |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Lb] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: NOx SIP CALL and Summer CAIR Constraint Constraint #: 5
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] | 528.0 | 581.4 | 484.5 | 484.5 | 484.5 |
| -Emissions at Affected Plants [MTons] | 528.0 | 562.0 | 468.2 | 469.5 | 475.2 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 19.41 | 16.25 | 15.00 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | -31.67 |
| Total [MTons] | 528.0 | 581.4 | 484.5 | 484.5 | 443.6 |
| TBtu Consumed | 6445. | 7884. | 8521. | 9258. | 0.1032E+05 |
| Rate - [lb/MMBtu] | 0.1639 | 0.1426 | 0.1099 | 0.1014 | 0.9214E-01 |
| TWh Generated | 646.4 | 798.5 | 877.4 | 979.3 | 1119. |
| TWh Generated Qualifying | 646.4 | 798.5 | 877.4 | 979.3 | 1119. |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 2157. | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: NOx CAIR Annual Constraint
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007
Run 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 #: 6

| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|------------|------------|------------|------------|
| Standard - [MTon] | 0.000 | 1505. | 1254. | 1254. | 1254. |
| -Emissions at Affected Plants [MTons] | 0.000 | 1505. | 1254. | 1254. | 1254. |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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 | 1505. | 1254. | 1254. | 1254. |
| | | | | | |
| TBtu Consumed | 0.000 | 0.2109E+05 | 0.2258E+05 | 0.2440E+05 | 0.2653E+05 |
| Rate - [lb/MMBtu] | 0.000 | 0.1427 | 0.1111 | 0.1028 | 0.9452E-01 |
| TWh Generated | 0.000 | 2140. | 2350. | 2601. | 2886. |
| TWh Generated Qualifying | 0.000 | 2140. | 2350. | 2601. | 2886. |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 1251. | 1614. | 1614. | 1615. |

Constraint Name: NOx SIPCall Rhode Island Constraint (Separated fr. 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 | 0.9970 | 0.9970 | 0.9970 | 0.9970 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.1917 | 0.1917 | 0.1917 | 0.1917 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.8053 | 0.8053 | 0.8053 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | -1.510 |
| Total [MTons] | 0.000 | 0.9970 | 0.9970 | 0.9970 | -1.318 |
| | | | | | |
| TBtu Consumed | 0.000 | 11.85 | 11.85 | 11.85 | 11.85 |
| Rate - [lb/MMBtu] | 0.000 | 0.3235E-01 | 0.3235E-01 | 0.3235E-01 | 0.3235E-01 |
| TWh Generated | 0.000 | 1.457 | 1.457 | 1.457 | 1.457 |
| TWh Generated Qualifying | 0.000 | 1.457 | 1.457 | 1.457 | 1.457 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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 #: 8

| 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] | 27.64 | 27.71 | 25.67 | 26.24 | 25.56 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 27.64 | 27.71 | 25.67 | 26.24 | 25.56 |
| TBtu Consumed | 432.5 | 438.2 | 479.9 | 491.1 | 481.4 |
| Rate - [lb/MMBtu] | 0.1278 | 0.1265 | 0.1070 | 0.1069 | 0.1062 |
| TWh Generated | 41.17 | 41.52 | 45.31 | 46.33 | 45.42 |
| TWh Generated Qualifying | 41.17 | 41.52 | 45.31 | 46.33 | 45.42 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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 #: 9

| 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] | 6.225 | 12.64 | 12.69 | 12.69 | 12.69 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 6.225 | 12.64 | 12.69 | 12.69 | 12.69 |
| TBtu Consumed | 87.78 | 162.7 | 163.4 | 163.4 | 163.4 |
| Rate - [lb/MMBtu] | 0.1418 | 0.1553 | 0.1553 | 0.1553 | 0.1553 |
| TWh Generated | 8.300 | 16.85 | 16.92 | 16.92 | 16.92 |
| TWh Generated Qualifying | 8.300 | 16.85 | 16.92 | 16.92 | 16.92 |
| Constraint Shadow Price [US\$/Ton] | 438.3 | 3699. | 0.000 | 0.000 | 793.9 |

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 #: 10

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| 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] | 7.343 | 17.50 | 17.57 | 17.57 | 17.57 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 7.343 | 17.50 | 17.57 | 17.57 | 17.57 |
| TBtu Consumed | 86.57 | 127.8 | 128.3 | 128.3 | 128.3 |
| Rate - [lb/MMBtu] | 0.1697 | 0.2739 | 0.2738 | 0.2738 | 0.2738 |
| TWh Generated | 8.191 | 11.67 | 11.71 | 11.71 | 11.71 |
| TWh Generated Qualifying | 8.191 | 11.67 | 11.71 | 11.71 | 11.71 |
| Constraint Shadow Price [US\$/Ton] | 1183. | 379.4 | 585.7 | 631.1 | 490.2 |

Constraint Name: CO2 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] | 1800. | 1800. | 1800. | 1800. | 1800. |
| -Emissions at Affected Plants [MTons] | 7470. | 0.1516E+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] | 7470. | 0.1516E+05 | 0.1523E+05 | 0.1523E+05 | 0.1523E+05 |
| TBtu Consumed | 87.78 | 162.7 | 163.4 | 163.4 | 163.4 |
| Rate - [lb/MMBtu] | 170.2 | 186.3 | 186.3 | 186.3 | 186.3 |
| TWh Generated | 8.300 | 16.85 | 16.92 | 16.92 | 16.92 |
| TWh Generated Qualifying | 8.300 | 16.85 | 16.92 | 16.92 | 16.92 |
| Constraint Shadow Price [US\$/Ton] | 33.29 | 0.000 | 0.1458 | 0.7327 | 1.416 |

Constraint Name: NOx Policy for State of North Carolina Progressive Constraint #: 12
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] | 20.35 | 20.12 | 17.99 | 17.66 | 16.46 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 20.35 | 20.12 | 17.99 | 17.66 | 16.46 |
| TBtu Consumed | 391.5 | 403.8 | 412.2 | 409.3 | 402.3 |
| Rate - [lb/MMBtu] | 0.1039 | 0.9967E-01 | 0.8727E-01 | 0.8631E-01 | 0.8182E-01 |
| TWh Generated | 35.59 | 36.67 | 37.23 | 36.90 | 36.32 |
| TWh Generated Qualifying | 35.59 | 36.67 | 37.23 | 36.90 | 36.32 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: NOx Policy for State of North Carolina Duke
Constraint Type: Rate Cap [MTons] Constraint #: 13
Run Year, Seasons Included: 2007 WINTER SUMMER
Run Year, Seasons Included: 2010 WINTER SUMMER
Run Year, Seasons Included: 2015 WINTER SUMMER
Run Year, Seasons Included: 2020 WINTER SUMMER
Run Year, Seasons Included: 2026 WINTER SUMMER

| | | | | | |
|--|-----------|------------|------------|------------|------------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 35.00 | 31.80 | 31.00 | 31.00 | 31.00 |
| -Emissions at Affected Plants [MTons] | 35.00 | 22.66 | 23.00 | 23.19 | 23.18 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 35.00 | 22.66 | 23.00 | 23.19 | 23.18 |
| TBtu Consumed | 544.5 | 567.3 | 578.3 | 584.8 | 584.8 |
| Rate - [lb/MMBtu] | 0.1286 | 0.7987E-01 | 0.7953E-01 | 0.7932E-01 | 0.7929E-01 |
| TWh Generated | 50.11 | 52.14 | 52.88 | 53.30 | 53.30 |
| TWh Generated Qualifying | 50.11 | 52.14 | 52.88 | 53.30 | 53.30 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 186.5 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: SO2 Policy for State of North Carolina Progressive Constraint #: 14
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 | 94.96 | 50.00 | 27.37 | 24.87 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 94.96 | 50.00 | 27.37 | 24.87 |
| | | | | | |
| TBtu Consumed | 0.000 | 403.8 | 412.2 | 409.3 | 402.3 |
| Rate - [lb/MMBtu] | 0.000 | 0.4703 | 0.2426 | 0.1338 | 0.1236 |
| TWh Generated | 0.000 | 36.67 | 37.23 | 36.90 | 36.32 |
| TWh Generated Qualifying | 0.000 | 36.67 | 37.23 | 36.90 | 36.32 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 49.97 | 0.000 | 0.000 |

Constraint Name: SO2 Policy for State of North Carolina Duke
Constraint Type: Rate Cap [MTons] Constraint #: 15
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 | 150.0 | 80.00 | 37.66 | 36.87 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 150.0 | 80.00 | 37.66 | 36.87 |
| TBtu Consumed | 0.000 | 567.3 | 578.3 | 584.8 | 584.8 |
| Rate - [lb/MMBtu] | 0.000 | 0.5288 | 0.2767 | 0.1288 | 0.1261 |
| TWh Generated | 0.000 | 52.14 | 52.88 | 53.30 | 53.30 |
| TWh Generated Qualifying | 0.000 | 52.14 | 52.88 | 53.30 | 53.30 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 24.10 | 95.02 | 0.000 | 0.000 |

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 #: 16

| | | | | | |
|--|------------|------------|------------|------------|------------|
| 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] | 2.000 | 2.074 | 2.074 | 2.100 | 2.100 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 1.644 | 1.570 | 1.570 | 1.544 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | -3.133 |
| Total [MTons] | 3.644 | 3.644 | 3.644 | 3.644 | -1.033 |
| TBtu Consumed | 42.57 | 43.28 | 43.28 | 43.53 | 43.53 |
| Rate - [lb/MMBtu] | 0.9397E-01 | 0.9585E-01 | 0.9585E-01 | 0.9650E-01 | 0.9650E-01 |
| TWh Generated | 3.915 | 3.971 | 3.971 | 3.990 | 3.990 |
| TWh Generated Qualifying | 3.915 | 3.971 | 3.971 | 3.990 | 3.990 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: NOx Policy for State of New Hampshire - Hillsborou Constraint #: 17
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] | 1.153 | 1.153 | 1.153 | 1.153 | 1.153 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 2.501 | 2.501 | 2.501 | 2.501 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | -5.001 |
| Total [MTons] | 3.653 | 3.653 | 3.653 | 3.653 | -3.848 |
| TBtu Consumed | 48.71 | 48.71 | 48.71 | 48.71 | 48.71 |
| Rate - [lb/MMBtu] | 0.4734E-01 | 0.4734E-01 | 0.4734E-01 | 0.4734E-01 | 0.4734E-01 |
| TWh Generated | 5.987 | 5.987 | 5.987 | 5.987 | 5.987 |
| TWh Generated Qualifying | 5.987 | 5.987 | 5.987 | 5.987 | 5.987 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: NOx Policy for State of New Hampshire Remaining Co 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] | 0.2000 | 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] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: SO2 Policy for State of New Hampshire
Constraint Type: Rate Cap [MTons]

Constraint #: 19

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] | 7.289 | 7.289 | 7.289 | 7.289 | 7.289 |
| -Emissions at Affected Plants [MTons] | 7.289 | 7.152 | 7.426 | 7.289 | 7.289 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.1370 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | -0.1370 | 0.000 | 0.000 |
| Total [MTons] | 7.289 | 7.289 | 7.289 | 7.289 | 7.289 |
| TBtu Consumed | 42.54 | 43.24 | 43.24 | 43.49 | 43.49 |
| Rate - [lb/MMBtu] | 0.3427 | 0.3308 | 0.3435 | 0.3352 | 0.3352 |
| TWh Generated | 3.913 | 3.968 | 3.968 | 3.987 | 3.987 |
| TWh Generated Qualifying | 3.913 | 3.968 | 3.968 | 3.987 | 3.987 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 554.6 | 380.8 | 494.0 | 443.1 | 494.9 |

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 #: 20

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| 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] | 4368. | 4441. | 4441. | 4467. | 4467. |
| -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] | 1057. | 984.9 | 984.9 | 959.3 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | -1963. |
| Total [MTons] | 5426. | 5426. | 5426. | 5426. | 2504. |
| TBtu Consumed | 42.57 | 43.28 | 43.28 | 43.53 | 43.53 |
| Rate - [lb/MMBtu] | 205.2 | 205.2 | 205.2 | 205.2 | 205.2 |
| TWh Generated | 3.915 | 3.971 | 3.971 | 3.990 | 3.990 |
| TWh Generated Qualifying | 3.915 | 3.971 | 3.971 | 3.990 | 3.990 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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 #: 21

| 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] | 24.50 | 21.26 | 19.05 | 19.66 | 20.13 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 15.41 | 18.65 | 20.86 | 20.25 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | -39.27 |
| Total [MTons] | 39.91 | 39.91 | 39.91 | 39.91 | -19.14 |
| TBtu Consumed | 325.6 | 328.7 | 352.8 | 405.7 | 458.2 |
| Rate - [lb/MMBtu] | 0.1505 | 0.1294 | 0.1080 | 0.9691E-01 | 0.8786E-01 |
| TWh Generated | 37.67 | 39.31 | 44.54 | 52.08 | 59.42 |
| TWh Generated Qualifying | 37.67 | 39.31 | 44.54 | 52.08 | 59.42 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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 #: 22

| 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] | 106.9 | 66.40 | 41.23 | 41.51 | 40.12 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 90.05 | 65.00 | 90.17 | 89.89 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | -164.4 |
| Total [MTons] | 197.0 | 131.4 | 131.4 | 131.4 | -124.3 |
| TBtu Consumed | 252.2 | 241.7 | 241.7 | 310.9 | 404.8 |
| Rate - [lb/MMBtu] | 0.8482 | 0.5494 | 0.3412 | 0.2670 | 0.1982 |
| TWh Generated | 25.18 | 24.12 | 24.03 | 33.69 | 46.85 |
| TWh Generated Qualifying | 25.18 | 24.12 | 24.03 | 33.69 | 46.85 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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 #: 23

| | | | | | |
|--|-----------|-----------|------------|------------|------------|
| 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 | 13.03 | 8.979 | 8.703 | 8.394 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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 | 13.03 | 8.979 | 8.703 | 8.394 |
| | | | | | |
| TBtu Consumed | 0.000 | 200.6 | 202.2 | 200.4 | 198.5 |
| Rate - [lb/MMBtu] | 0.000 | 0.1299 | 0.8882E-01 | 0.8683E-01 | 0.8457E-01 |
| TWh Generated | 0.000 | 19.10 | 19.13 | 18.97 | 18.79 |
| TWh Generated Qualifying | 0.000 | 19.10 | 19.13 | 18.97 | 18.79 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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 #: 24

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| 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 | 35.19 | 24.33 | 23.47 | 22.51 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 35.19 | 24.33 | 23.47 | 22.51 |
| TBtu Consumed | 0.000 | 200.6 | 202.2 | 200.4 | 198.5 |
| Rate - [lb/MMBtu] | 0.000 | 0.3508 | 0.2407 | 0.2342 | 0.2267 |
| TWh Generated | 0.000 | 19.10 | 19.13 | 18.97 | 18.79 |
| TWh Generated Qualifying | 0.000 | 19.10 | 19.13 | 18.97 | 18.79 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | |
|---|------------------|
| Constraint Name: NOx Policy for Houston Texas | Constraint #: 25 |
| Constraint Type: Rate Cap [MTons] | |
| Run Year, Seasons Included: 2007 WINTER | SUMMER |
| Run Year, Seasons Included: 2010 WINTER | SUMMER |
| Run Year, Seasons Included: 2015 WINTER | SUMMER |
| Run Year, Seasons Included: 2020 WINTER | SUMMER |
| Run Year, Seasons Included: 2026 WINTER | SUMMER |

| | | | | | |
|--|------------|------------|------------|------------|------------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [MTon] | 8.450 | 8.450 | 8.450 | 8.450 | 8.450 |
| -Emissions at Affected Plants [MTons] | 8.450 | 8.450 | 8.450 | 8.450 | 8.450 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 8.450 | 8.450 | 8.450 | 8.450 | 8.450 |
| | | | | | |
| TBtu Consumed | 285.6 | 293.9 | 263.8 | 278.3 | 285.7 |
| Rate - [lb/MMBtu] | 0.5918E-01 | 0.5750E-01 | 0.6407E-01 | 0.6073E-01 | 0.5915E-01 |
| TWh Generated | 31.14 | 31.98 | 27.15 | 29.27 | 31.04 |
| TWh Generated Qualifying | 31.14 | 31.98 | 27.15 | 29.27 | 31.04 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.1783E+05 | 0.1797E+05 | 0.1411E+05 | 9703. | 4629. |

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 #: 26

| | | | | | |
|--|------------|------------|------------|------------|------------|
| 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 | 1.050 | 0.6233 | 0.5655 | 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 | 1.050 | 0.6233 | 0.5655 | 0.4356 |
| TBtu Consumed | 32.96 | 40.21 | 23.71 | 18.61 | 15.36 |
| Rate - [lb/MMBtu] | 0.5972E-01 | 0.5222E-01 | 0.5258E-01 | 0.6078E-01 | 0.5674E-01 |
| TWh Generated | 3.131 | 3.830 | 2.258 | 1.766 | 1.459 |
| TWh Generated Qualifying | 3.131 | 3.830 | 2.258 | 1.766 | 1.459 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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 #: 27

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| 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] | 118.8 | 123.5 | 116.9 | 113.0 | 102.9 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 118.8 | 123.5 | 116.9 | 113.0 | 102.9 |
| TBtu Consumed | 1689. | 1814. | 1588. | 1503. | 1324. |
| Rate - [lb/MMBtu] | 0.1407 | 0.1362 | 0.1473 | 0.1503 | 0.1554 |
| TWh Generated | 179.5 | 190.8 | 163.7 | 154.4 | 134.8 |
| TWh Generated Qualifying | 179.5 | 190.8 | 163.7 | 154.4 | 134.8 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 473.5 | 0.000 | 0.000 | 0.000 |

Constraint Name: SO2 Policy for Texas East (Senate Bill 7) Constraint #: 28
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 | 85.64 | 8.560 | 8.560 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 85.64 | 8.560 | 8.560 |
| TBtu Consumed | 171.3 | 171.3 | 171.3 | 171.2 | 171.2 |
| Rate - [lb/MMBtu] | 1.000 | 1.000 | 1.000 | 0.1000 | 0.1000 |
| TWh Generated | 16.98 | 16.98 | 16.98 | 16.62 | 16.62 |
| TWh Generated Qualifying | 16.98 | 16.98 | 16.98 | 16.62 | 16.62 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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 #: 29

| 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] | 24.70 | 28.98 | 24.29 | 20.93 | 19.45 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 24.70 | 28.98 | 24.29 | 20.93 | 19.45 |
| TBtu Consumed | 314.5 | 438.0 | 348.6 | 290.5 | 264.1 |
| Rate - [lb/MMBtu] | 0.1571 | 0.1323 | 0.1394 | 0.1441 | 0.1473 |
| TWh Generated | 30.88 | 42.22 | 33.76 | 27.94 | 25.62 |
| TWh Generated Qualifying | 30.88 | 42.22 | 33.76 | 27.94 | 25.62 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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

Constraint #: 30

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] | 6.259 | 6.366 | 3.868 | 3.327 | 1.992 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 6.259 | 6.366 | 3.868 | 3.327 | 1.992 |
| TBtu Consumed | 63.97 | 65.07 | 41.72 | 34.24 | 18.73 |
| Rate - [lb/MMBtu] | 0.1957 | 0.1957 | 0.1855 | 0.1943 | 0.2127 |
| TWh Generated | 5.914 | 6.005 | 3.868 | 3.189 | 1.801 |
| TWh Generated Qualifying | 5.914 | 6.005 | 3.868 | 3.189 | 1.801 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: NOx Policy for El Paso Texas

Constraint #: 31

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] | 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] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CFR Connecticut NOx Facility Specific Constraint Constraint #: 32
 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 | 2.820 | 2.810 | 2.810 | 2.810 | 2.810 |
| TWh Generated Qualifying | 2.820 | 2.810 | 2.810 | 2.810 | 2.810 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.1363E+05 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CDU 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] | 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 #: 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] | 0.1852 | 0.8683E-01 | 0.8683E-01 | 0.8683E-01 | 0.8683E-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 | 0.8683E-01 | 0.8683E-01 | 0.8683E-01 | 0.8683E-01 |
| TBtu Consumed | 2.485 | 1.165 | 1.165 | 1.165 | 1.165 |
| Rate - [lb/MMBtu] | 0.1490 | 0.1490 | 0.1490 | 0.1490 | 0.1490 |
| TWh Generated | 0.2632 | 0.1234 | 0.1234 | 0.1234 | 0.1234 |
| TWh Generated Qualifying | 0.2632 | 0.1234 | 0.1234 | 0.1234 | 0.1234 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 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 #: 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] | 0.000 | 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: BLQ 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

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|--|-----------|-----------|-----------|-----------|-----------|
| 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 #: 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: BKA 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 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: BJE 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: BJD 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] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: ATH 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] | 4.866 | 4.017 | 3.912 | 3.405 | 3.704 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 4.866 | 4.017 | 3.912 | 3.405 | 3.704 |
| TBtu Consumed | 65.31 | 53.91 | 52.51 | 45.71 | 49.71 |
| Rate - [lb/MMBtu] | 0.1490 | 0.1490 | 0.1490 | 0.1490 | 0.1490 |
| TWh Generated | 8.973 | 7.407 | 7.214 | 6.280 | 6.829 |
| TWh Generated Qualifying | 8.973 | 7.407 | 7.214 | 6.280 | 6.829 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 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 #: 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] | 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: AIN 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] | 0.5639E-01 | 0.5639E-01 | 0.5639E-01 | 0.5639E-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 | 0.5639E-01 | 0.5639E-01 | 0.5639E-01 | 0.2408E-01 |
| | | | | | |
| TBtu Consumed | 0.7569 | 0.7569 | 0.7569 | 0.7569 | 0.3232 |
| Rate - [lb/MMBtu] | 0.1490 | 0.1490 | 0.1490 | 0.1490 | 0.1490 |
| TWh Generated | 0.7099E-01 | 0.7099E-01 | 0.7099E-01 | 0.7099E-01 | 0.3031E-01 |
| TWh Generated Qualifying | 0.7099E-01 | 0.7099E-01 | 0.7099E-01 | 0.7099E-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 #: 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] | 0.3984 | 0.3486 | 0.2348 | 0.1327 | 0.1327 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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 | 0.3486 | 0.2348 | 0.1327 | 0.1327 |
| TBtu Consumed | 5.348 | 4.679 | 3.151 | 1.782 | 1.782 |
| Rate - [lb/MMBtu] | 0.1490 | 0.1490 | 0.1490 | 0.1490 | 0.1490 |
| TWh Generated | 0.6147 | 0.5379 | 0.3622 | 0.2048 | 0.2048 |
| TWh Generated Qualifying | 0.6147 | 0.5379 | 0.3622 | 0.2048 | 0.2048 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 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 #: 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] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TBtu Consumed | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh Generated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TWh Generated Qualifying | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: AIK Connecticut NOx Facility Specific Constraint Constraint #: 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] | 0.1745E-01 | 0.1745E-01 | 0.1745E-01 | 0.1745E-01 | 0.1745E-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] | 0.1745E-01 | 0.1745E-01 | 0.1745E-01 | 0.1745E-01 | 0.1745E-01 |
| | | | | | |
| TBtu Consumed | 0.2342 | 0.2342 | 0.2342 | 0.2342 | 0.2342 |
| Rate - [lb/MMBtu] | 0.1490 | 0.1490 | 0.1490 | 0.1490 | 0.1490 |
| TWh Generated | 0.2067E-01 | 0.2067E-01 | 0.2067E-01 | 0.2067E-01 | 0.2067E-01 |
| TWh Generated Qualifying | 0.2067E-01 | 0.2067E-01 | 0.2067E-01 | 0.2067E-01 | 0.2067E-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: CFR Connecticut SO2 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] | 0.3300 | 0.3300 | 0.3300 | 0.3300 | 0.3300 |
| -Emissions at Affected Plants [MTons] | 4.649 | 2.201 | 2.113 | 2.113 | 2.113 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 2.201 | 2.113 | 2.113 | 2.113 |
| TBtu Consumed | 28.17 | 28.17 | 28.17 | 28.17 | 28.17 |
| Rate - [lb/MMBtu] | 0.3300 | 0.1563 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 2.820 | 2.810 | 2.810 | 2.810 | 2.810 |
| TWh Generated Qualifying | 2.820 | 2.810 | 2.810 | 2.810 | 2.810 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 401.3 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CDU 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] | 1.788 | 1.788 | 1.788 | 1.788 | 1.788 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 1.788 | 1.788 | 1.788 | 1.788 | 1.788 |
| TBtu Consumed | 15.48 | 15.48 | 15.48 | 15.48 | 15.48 |
| Rate - [lb/MMBtu] | 0.2310 | 0.2310 | 0.2310 | 0.2310 | 0.2310 |
| TWh Generated | 1.452 | 1.452 | 1.452 | 1.452 | 1.452 |
| TWh Generated Qualifying | 1.452 | 1.452 | 1.452 | 1.452 | 1.452 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: BLR 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] | 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 #: 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: BKB 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: BKA 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: BJE 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: BJD 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: CFR Connecticut Hg Facility Specific Constraint Constraint #: 55
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] | 135.8 | 49.75 | 49.60 | 49.60 | 49.60 |
| -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] | 135.8 | 49.75 | 49.60 | 49.60 | 49.60 |
| TBtu Consumed | 28.17 | 28.17 | 28.17 | 28.17 | 28.17 |
| Rate - [lb/MMBtu] | 0.4821E-05 | 0.1766E-05 | 0.1761E-05 | 0.1761E-05 | 0.1761E-05 |
| TWh Generated | 2.820 | 2.810 | 2.810 | 2.810 | 2.810 |
| TWh Generated Qualifying | 2.820 | 2.810 | 2.810 | 2.810 | 2.810 |
| Constraint Shadow Price [US\$/Lb] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CDU 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] | 128.3 | 28.51 | 28.51 | 28.51 | 28.51 |
| -Less Allowances Purchased [Lb] MER | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [Lb] MER | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [Lb] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [Lb] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [Lb] | 128.3 | 28.51 | 28.51 | 28.51 | 28.51 |
| TBtu Consumed | 15.48 | 15.48 | 15.48 | 15.48 | 15.48 |
| Rate - [lb/MMBtu] | 0.8289E-05 | 0.1842E-05 | 0.1842E-05 | 0.1842E-05 | 0.1842E-05 |
| TWh Generated | 1.452 | 1.452 | 1.452 | 1.452 | 1.452 |
| TWh Generated Qualifying | 1.452 | 1.452 | 1.452 | 1.452 | 1.452 |
| Constraint Shadow Price [US\$/Lb] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CCV Illinois NOx Facility Specific Constraint Constraint #: 57
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 #: 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] | 1.006 | 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] | 1.006 | 1.453 | 1.453 | 1.453 | 1.453 |
| TBtu Consumed | 8.082 | 11.67 | 11.67 | 11.67 | 11.67 |
| Rate - [lb/MMBtu] | 0.2490 | 0.2490 | 0.2490 | 0.2490 | 0.2490 |
| TWh Generated | 1.094 | 1.580 | 1.580 | 1.580 | 1.580 |
| TWh Generated Qualifying | 1.094 | 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 #: 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] | 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 #: 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] | 0.3547 | 0.8284 | 1.466 | 1.533 | 1.369 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.3547 | 0.8284 | 1.466 | 1.533 | 1.369 |
| | | | | | |
| TBtu Consumed | 2.849 | 6.654 | 11.78 | 12.31 | 11.00 |
| Rate - [lb/MMBtu] | 0.2490 | 0.2490 | 0.2490 | 0.2490 | 0.2490 |
| TWh Generated | 0.2693 | 0.6290 | 1.113 | 1.164 | 1.040 |
| TWh Generated Qualifying | 0.2693 | 0.6290 | 1.113 | 1.164 | 1.040 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 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 #: 61 |
| 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] | 3250. | 5756. | 0.000 | 3250. | 3250. |

| | |
|---|------------------|
| Constraint Name: BLS 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] | 0.1500 | 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] | 0.1623E+05 | 6471. | 0.000 | 0.000 | 2903. |

Constraint Name: BJB 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] | 0.000 | 0.000 | 0.000 | 0.000 | 0.2172E+05 |

Constraint Name: BJF 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] | 0.2200 | 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] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: BEB 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] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CZV New Source Review NOX Facility Specific Constr 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] | 0.000 | 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 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CZU 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 | 0.9373 | 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 | 1014. | 1726. | 0.000 | 0.000 |

Constraint Name: CZT 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 | 0.9718 | 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 | 933.4 | 1010. | 0.000 | 568.9 |

Constraint Name: CPX 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 | 0.000 | 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 | 4813. | 4698. | 3341. |

Constraint Name: CPW 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 | 5301. | 3140. | 0.000 |

Constraint Name: CPV 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 | 5571. | 4682. | 3879. |

Constraint Name: CPS 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 | 0.000 | 0.000 | 0.000 |

Constraint Name: CNM 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

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|--|-----------|-----------|------------|------------|------------|
| 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 | 0.7273 | 0.7273 | 0.7273 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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 | 0.7273 | 0.7273 | 0.7273 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 23.46 | 23.46 | 23.46 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| TWh Generated | 0.000 | 0.000 | 2.285 | 2.285 | 2.285 |
| TWh Generated Qualifying | 0.000 | 0.000 | 2.285 | 2.285 | 2.285 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 4642. | 5337. | 4498. |

Constraint Name: CNL 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 | 0.6808 | 0.6808 | 0.6808 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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 | 0.6808 | 0.6808 | 0.6808 |
| TBtu Consumed | 0.000 | 0.000 | 21.96 | 21.96 | 21.96 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| TWh Generated | 0.000 | 0.000 | 2.184 | 2.184 | 2.184 |
| TWh Generated Qualifying | 0.000 | 0.000 | 2.184 | 2.184 | 2.184 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 2395. | 5370. | 0.000 |

Constraint Name: CNK 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

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|--|-----------|-----------|------------|------------|------------|
| 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 | 0.6130 | 0.6130 | 0.6130 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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 | 0.6130 | 0.6130 | 0.6130 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 19.77 | 19.77 | 19.77 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| TWh Generated | 0.000 | 0.000 | 1.936 | 1.936 | 1.936 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.936 | 1.936 | 1.936 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 2216. | 2216. | 2009. |

Constraint Name: CNJ 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

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|--|-----------|-----------|------------|------------|------------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 0.5955 | 0.5955 | 0.5955 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 0.5955 | 0.5955 | 0.5955 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 19.21 | 19.21 | 19.21 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| TWh Generated | 0.000 | 0.000 | 1.914 | 1.914 | 1.914 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.914 | 1.914 | 1.914 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 2775. | 1466. | 2176. |

Constraint Name: CLT 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 | 0.5367 | 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 | 1419. | 0.000 | 751.0 |

Constraint Name: CLS 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 | 1.505 | 1.505 | 1.505 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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 | 1.505 | 1.505 | 1.505 |
| TBtu Consumed | 0.000 | 0.000 | 55.05 | 55.05 | 55.05 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.5467E-01 | 0.5467E-01 | 0.5467E-01 |
| TWh Generated | 0.000 | 0.000 | 5.213 | 5.213 | 5.213 |
| TWh Generated Qualifying | 0.000 | 0.000 | 5.213 | 5.213 | 5.213 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CLR 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

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|--|-----------|-----------|------------|------------|------------|
| 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 | 636.1 | 0.000 | 0.000 |

Constraint Name: CLQ 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

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|--|-----------|-----------|------------|------------|------------|
| 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 | 0.3572 | 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 | 0.3572 | 0.3457 | 0.3457 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 11.52 | 11.52 | 11.52 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.6200E-01 | 0.6000E-01 | 0.6000E-01 |
| TWh Generated | 0.000 | 0.000 | 1.161 | 1.137 | 1.137 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.161 | 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 | 7.701 | 0.000 | 0.000 |

Constraint Name: CLP 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 | 0.3721 | 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 | 0.3721 | 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 | 1.236 | 1.210 | 1.210 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.236 | 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 | 0.000 | 0.000 | 0.000 |

Constraint Name: CJG 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

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|--|-----------|------------|------------|------------|------------|
| 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 | 0.4999E+05 | 0.2477E+05 | 0.2069E+05 | 0.1353E+06 |

Constraint Name: CGW 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

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|--|------------|------------|------------|------------|------------|
| 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] | 1.484 | 1.484 | 1.485 | 1.485 | 1.485 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 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] | 1.484 | 1.484 | 1.485 | 1.485 | 1.485 |
| | | | | | |
| TBtu Consumed | 47.88 | 47.88 | 47.89 | 47.89 | 47.89 |
| Rate - [lb/MMBtu] | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 | 0.6200E-01 |
| TWh Generated | 4.466 | 4.466 | 4.468 | 4.468 | 4.468 |
| TWh Generated Qualifying | 4.466 | 4.466 | 4.468 | 4.468 | 4.468 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 706.7 | 818.7 | 936.4 | 970.2 | 906.8 |

Constraint Name: CFI 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

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|--|------------|------------|------------|------------|------------|
| 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. | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CSD New Source Review SO2 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

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|--|-----------|-----------|-----------|------------|------------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.1750 | 0.1750 | 0.1750 | 0.1750 |
| -Emissions at Affected Plants [MTons] | 0.000 | 1.805 | 1.842 | 0.6316 | 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 | 1.805 | 1.842 | 0.6316 | 0.6316 |
| | | | | | |
| TBtu Consumed | 0.000 | 20.63 | 21.06 | 21.05 | 21.05 |
| Rate - [lb/MMBtu] | 0.000 | 0.1750 | 0.1750 | 0.6000E-01 | 0.6000E-01 |
| TWh Generated | 0.000 | 1.933 | 1.972 | 1.968 | 1.968 |
| TWh Generated Qualifying | 0.000 | 1.933 | 1.972 | 1.968 | 1.968 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 161.2 | 1.256 | 0.000 | 0.000 |

Constraint Name: CSC New Source Review SO2 Facility Specific Constr Constraint #: 86
Constraint Type: Rate Limit [lb/MMBtu]
Run Year, Seasons Included: 2007 WINTER SUMMER
Run Year, Seasons Included: 2010 WINTER SUMMER
Run Year, Seasons Included: 2015 WINTER SUMMER
Run Year, Seasons Included: 2020 WINTER SUMMER
Run Year, Seasons Included: 2026 WINTER SUMMER

| | | | | | |
|--|-----------|-----------|-----------|------------|------------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 0.000 | 0.1750 | 0.1750 | 0.1750 | 0.1750 |
| -Emissions at Affected Plants [MTons] | 0.000 | 1.805 | 1.842 | 0.6316 | 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 | 1.805 | 1.842 | 0.6316 | 0.6316 |
| | | | | | |
| TBtu Consumed | 0.000 | 20.63 | 21.06 | 21.05 | 21.05 |
| Rate - [lb/MMBtu] | 0.000 | 0.1750 | 0.1750 | 0.6000E-01 | 0.6000E-01 |
| TWh Generated | 0.000 | 1.933 | 1.972 | 1.968 | 1.968 |
| TWh Generated Qualifying | 0.000 | 1.933 | 1.972 | 1.968 | 1.968 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 161.2 | 1.256 | 0.000 | 0.000 |

Constraint Name: CPX 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 | 0.000 | 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 | 0.000 | 0.000 | 0.000 |

Constraint Name: CPW 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 | 0.000 | 0.000 | 857.9 |

Constraint Name: CPV 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 | 0.000 | 0.000 | 0.000 |

Constraint Name: CPS 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 | 3403. | 3344. | 3269. |

Constraint Name: CNM 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 | 0.1640 | 0.1640 | 0.1640 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 1.924 | 1.924 | 1.924 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 1.924 | 1.924 | 1.924 |
| TBtu Consumed | 0.000 | 0.000 | 23.46 | 23.46 | 23.46 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.1640 | 0.1640 | 0.1640 |
| TWh Generated | 0.000 | 0.000 | 2.285 | 2.285 | 2.285 |
| TWh Generated Qualifying | 0.000 | 0.000 | 2.285 | 2.285 | 2.285 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 2390. | 2510. | 1445. |

Constraint Name: CNL 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 | 1.801 | 1.801 | 1.801 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 1.801 | 1.801 | 1.801 |
| TBtu Consumed | 0.000 | 0.000 | 21.96 | 21.96 | 21.96 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.1640 | 0.1640 | 0.1640 |
| TWh Generated | 0.000 | 0.000 | 2.184 | 2.184 | 2.184 |
| TWh Generated Qualifying | 0.000 | 0.000 | 2.184 | 2.184 | 2.184 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 2620. | 2229. | 1614. |

Constraint Name: CNK 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 | 1.621 | 1.621 | 1.621 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 1.621 | 1.621 | 1.621 |
| TBtu Consumed | 0.000 | 0.000 | 19.77 | 19.77 | 19.77 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.1640 | 0.1640 | 0.1640 |
| TWh Generated | 0.000 | 0.000 | 1.936 | 1.936 | 1.936 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.936 | 1.936 | 1.936 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 3348. | 1796. | 729.9 |

Constraint Name: CNJ 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 | 1.575 | 1.575 | 1.575 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 0.000 | 0.000 | 1.575 | 1.575 | 1.575 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 19.21 | 19.21 | 19.21 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.1640 | 0.1640 | 0.1640 |
| TWh Generated | 0.000 | 0.000 | 1.914 | 1.914 | 1.914 |
| TWh Generated Qualifying | 0.000 | 0.000 | 1.914 | 1.914 | 1.914 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 2357. | 3282. | 729.9 |

Constraint Name: CMY 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] | 0.1600 | 0.1600 | 0.1600 | 0.1600 | 0.1600 |
| -Emissions at Affected Plants [MTons] | 3.689 | 3.854 | 3.854 | 3.854 | 3.854 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 3.689 | 3.854 | 3.854 | 3.854 | 3.854 |
| TBtu Consumed | 46.12 | 48.18 | 48.18 | 48.18 | 48.18 |
| Rate - [lb/MMBtu] | 0.1600 | 0.1600 | 0.1600 | 0.1600 | 0.1600 |
| TWh Generated | 4.165 | 4.351 | 4.351 | 4.351 | 4.351 |
| TWh Generated Qualifying | 4.165 | 4.351 | 4.351 | 4.351 | 4.351 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 1945. | 959.4 | 480.6 | 386.3 | 0.000 |

Constraint Name: CLS 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] | 0.000 | 0.1320 | 0.1320 | 0.1320 | 0.1320 |
| -Emissions at Affected Plants [MTons] | 0.000 | 3.633 | 3.633 | 3.633 | 3.633 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 3.633 | 3.633 | 3.633 | 3.633 |
| | | | | | |
| TBtu Consumed | 0.000 | 55.05 | 55.05 | 55.05 | 55.05 |
| Rate - [lb/MMBtu] | 0.000 | 0.1320 | 0.1320 | 0.1320 | 0.1320 |
| TWh Generated | 0.000 | 5.213 | 5.213 | 5.213 | 5.213 |
| TWh Generated Qualifying | 0.000 | 5.213 | 5.213 | 5.213 | 5.213 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.3649E+05 | 0.1266E+05 | 0.1686E+05 | 0.1792E+05 |

Constraint Name: CLR 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 | 0.000 | 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 | 0.000 | 0.000 | 0.000 |

Constraint Name: CGQ 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 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 1.913 | 1.913 | 1.913 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 1.913 | 1.913 | 1.913 |
| TBtu Consumed | 0.000 | 0.000 | 25.51 | 25.51 | 25.51 |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 0.000 | 0.000 | 2.333 | 2.333 | 2.333 |
| TWh Generated Qualifying | 0.000 | 0.000 | 2.333 | 2.333 | 2.333 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 494.0 | 263.5 | 251.6 |

Constraint Name: CGP 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 | 0.1500 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 0.000 | 1.893 | 1.913 | 1.913 | 1.913 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 1.893 | 1.913 | 1.913 | 1.913 |
| TBtu Consumed | 0.000 | 25.25 | 25.51 | 25.51 | 25.51 |
| Rate - [lb/MMBtu] | 0.000 | 0.1500 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 0.000 | 2.309 | 2.333 | 2.333 | 2.333 |
| TWh Generated Qualifying | 0.000 | 2.309 | 2.333 | 2.333 | 2.333 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 211.3 | 494.0 | 263.5 | 251.6 |

Constraint Name: BART Dummy Annual NOx Constraint Coal >200mw & BAR Constraint #: 100
Constraint Type: Rate Cap [MTons]
Run Year, Seasons Included: 2007
Run Year, Seasons Included: 2010
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 | 0.000 | 0.1000E+06 | 0.1000E+06 | 0.1000E+06 |
| -Emissions at Affected Plants [MTons] | 0.000 | 0.000 | 372.3 | 372.3 | 372.3 |
| -Less Allowances Purchased [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] NOX | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.9963E+05 | 0.9963E+05 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | -0.1245E+06 |
| Total [MTons] | 0.000 | 0.000 | 0.1000E+06 | 0.1000E+06 | -0.1242E+06 |
| | | | | | |
| TBtu Consumed | 0.000 | 0.000 | 3264. | 3265. | 3264. |
| Rate - [lb/MMBtu] | 0.000 | 0.000 | 0.2281 | 0.2281 | 0.2281 |
| TWh Generated | 0.000 | 0.000 | 304.7 | 304.7 | 304.6 |
| TWh Generated Qualifying | 0.000 | 0.000 | 304.7 | 304.7 | 304.6 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | |
|---|-------------------|
| Constraint Name: CBU BART Plant Specific SO2 Constraint | Constraint #: 101 |
| 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] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 15.74 | 15.74 | 2.962 | 2.962 | 2.962 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 15.74 | 15.74 | 2.962 | 2.962 | 2.962 |
| | | | | | |
| TBtu Consumed | 39.50 | 39.50 | 39.49 | 39.49 | 39.49 |
| Rate - [lb/MMBtu] | 0.7970 | 0.7970 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 3.760 | 3.760 | 3.691 | 3.691 | 3.691 |
| TWh Generated Qualifying | 3.760 | 3.760 | 3.691 | 3.691 | 3.691 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 945.6 | 827.7 | 776.3 |

Constraint Name: CCO BART Plant Specific SO2 Constraint
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 #: 102

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 19.26 | 19.26 | 2.888 | 2.888 | 2.888 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 19.26 | 19.26 | 2.888 | 2.888 | 2.888 |
| TBtu Consumed | 38.52 | 38.52 | 38.50 | 38.50 | 38.50 |
| Rate - [lb/MMBtu] | 1.000 | 1.000 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 3.425 | 3.425 | 3.361 | 3.361 | 3.361 |
| TWh Generated Qualifying | 3.425 | 3.425 | 3.361 | 3.361 | 3.361 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 1654. | 0.000 | 0.000 |

Constraint Name: CCQ BART Plant Specific SO2 Constraint
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 #: 103

| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 4.153 | 4.153 | 1.205 | 1.205 | 1.205 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 4.153 | 4.153 | 1.205 | 1.205 | 1.205 |
| TBtu Consumed | 16.07 | 16.07 | 16.06 | 16.06 | 16.06 |
| Rate - [lb/MMBtu] | 0.5170 | 0.5170 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 1.549 | 1.549 | 1.524 | 1.523 | 1.523 |
| TWh Generated Qualifying | 1.549 | 1.549 | 1.524 | 1.523 | 1.523 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 2713. | 2527. | 2531. |

| | |
|---|-------------------|
| Constraint Name: CEI BART Plant Specific SO2 Constraint | Constraint #: 104 |
| 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] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 2.806 | 3.676 | 3.676 | 3.676 | 3.676 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 2.806 | 3.676 | 3.676 | 3.676 | 3.676 |
| | | | | | |
| TBtu Consumed | 44.63 | 83.54 | 83.54 | 83.54 | 83.54 |
| Rate - [lb/MMBtu] | 0.1258 | 0.8800E-01 | 0.8800E-01 | 0.8800E-01 | 0.8800E-01 |
| TWh Generated | 4.081 | 7.633 | 7.633 | 7.633 | 7.633 |
| TWh Generated Qualifying | 4.081 | 7.633 | 7.633 | 7.633 | 7.633 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CEQ BART Plant Specific SO2 Constraint
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 #: 105

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 11.80 | 11.80 | 3.671 | 3.671 | 3.671 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 11.80 | 11.80 | 3.671 | 3.671 | 3.671 |
| | | | | | |
| TBtu Consumed | 48.96 | 48.96 | 48.94 | 48.94 | 48.94 |
| Rate - [lb/MMBtu] | 0.4820 | 0.4820 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 4.207 | 4.207 | 4.138 | 4.138 | 4.138 |
| TWh Generated Qualifying | 4.207 | 4.207 | 4.138 | 4.138 | 4.138 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 4595. | 494.5 | 2694. |

Constraint Name: CFA BART Plant Specific SO2 Constraint
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 #: 106

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 28.48 | 28.48 | 8.805 | 8.805 | 8.805 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 28.48 | 28.48 | 8.805 | 8.805 | 8.805 |
| TBtu Consumed | 117.4 | 117.4 | 117.4 | 117.4 | 117.4 |
| Rate - [lb/MMBtu] | 0.4850 | 0.4850 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 11.39 | 11.39 | 11.21 | 11.21 | 11.21 |
| TWh Generated Qualifying | 11.39 | 11.39 | 11.21 | 11.21 | 11.21 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 2093. | 2151. | 1721. |

Constraint Name: CFB BART Plant Specific SO2 Constraint
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 #: 107

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 19.87 | 19.87 | 5.983 | 5.983 | 5.983 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 19.87 | 19.87 | 5.983 | 5.983 | 5.983 |
| TBtu Consumed | 79.79 | 79.79 | 79.77 | 79.77 | 79.77 |
| Rate - [lb/MMBtu] | 0.4980 | 0.4980 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 7.446 | 7.446 | 7.323 | 7.323 | 7.323 |
| TWh Generated Qualifying | 7.446 | 7.446 | 7.323 | 7.323 | 7.323 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 1952. | 1956. | 1721. |

Constraint Name: CFC BART Plant Specific SO2 Constraint
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 #: 108

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 7.265 | 7.265 | 1.911 | 1.911 | 1.911 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 7.265 | 7.265 | 1.911 | 1.911 | 1.911 |
| | | | | | |
| TBtu Consumed | 25.49 | 25.49 | 25.48 | 25.48 | 25.48 |
| Rate - [lb/MMBtu] | 0.5700 | 0.5700 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 2.495 | 2.495 | 2.451 | 2.451 | 2.451 |
| TWh Generated Qualifying | 2.495 | 2.495 | 2.451 | 2.451 | 2.451 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 1885. | 3712. | 0.000 |

Constraint Name: CFD BART Plant Specific SO2 Constraint
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 #: 109

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 7.131 | 7.131 | 1.976 | 1.976 | 1.976 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 7.131 | 7.131 | 1.976 | 1.976 | 1.976 |
| | | | | | |
| TBtu Consumed | 26.36 | 26.36 | 26.35 | 26.35 | 26.35 |
| Rate - [lb/MMBtu] | 0.5410 | 0.5410 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 2.420 | 2.420 | 2.379 | 2.379 | 2.379 |
| TWh Generated Qualifying | 2.420 | 2.420 | 2.379 | 2.379 | 2.379 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 1972. | 3867. | 0.000 |

| | |
|---|-------------------|
| Constraint Name: CFR BART Plant Specific SO2 Constraint | Constraint #: 110 |
| 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] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 4.649 | 2.201 | 2.113 | 2.113 | 2.113 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 2.201 | 2.113 | 2.113 | 2.113 |
| TBtu Consumed | 28.17 | 28.17 | 28.17 | 28.17 | 28.17 |
| Rate - [lb/MMBtu] | 0.3300 | 0.1563 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 2.820 | 2.810 | 2.810 | 2.810 | 2.810 |
| TWh Generated Qualifying | 2.820 | 2.810 | 2.810 | 2.810 | 2.810 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 494.0 | 392.2 | 104.5 |

| | |
|---|-------------------|
| Constraint Name: CFZ BART Plant Specific SO2 Constraint | Constraint #: 111 |
| 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] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 25.99 | 25.99 | 5.016 | 5.016 | 5.016 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 25.99 | 25.99 | 5.016 | 5.016 | 5.016 |
| | | | | | |
| TBtu Consumed | 66.90 | 66.90 | 66.88 | 66.88 | 66.88 |
| Rate - [lb/MMBtu] | 0.7770 | 0.7770 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 6.389 | 6.389 | 6.272 | 6.272 | 6.272 |
| TWh Generated Qualifying | 6.389 | 6.389 | 6.272 | 6.272 | 6.272 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 1147. | 1073. | 985.2 |

| | |
|---|-------------------|
| Constraint Name: CGI BART Plant Specific SO2 Constraint | Constraint #: 112 |
| 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] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 5.227 | 5.227 | 1.479 | 1.479 | 1.479 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 5.227 | 5.227 | 1.479 | 1.479 | 1.479 |
| | | | | | |
| TBtu Consumed | 19.72 | 19.72 | 19.72 | 19.72 | 19.72 |
| Rate - [lb/MMBtu] | 0.5300 | 0.5300 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 1.921 | 1.921 | 1.890 | 1.889 | 1.889 |
| TWh Generated Qualifying | 1.921 | 1.921 | 1.890 | 1.889 | 1.889 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 3064. | 2757. | 2539. |

Constraint Name: CMT BART Plant Specific SO2 Constraint
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 #: 113

| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
|--|-----------|-----------|-----------|-----------|-----------|
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 0.000 | 20.22 | 3.366 | 3.366 | 3.366 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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 | 20.22 | 3.366 | 3.366 | 3.366 |
| TBtu Consumed | 0.000 | 49.11 | 58.04 | 58.04 | 58.04 |
| Rate - [lb/MMBtu] | 0.000 | 0.8235 | 0.1160 | 0.1160 | 0.1160 |
| TWh Generated | 0.000 | 4.305 | 5.030 | 5.030 | 5.030 |
| TWh Generated Qualifying | 0.000 | 4.305 | 5.030 | 5.030 | 5.030 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CMU BART Plant Specific SO2 Constraint
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 #: 114

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 8.869 | 8.869 | 1.330 | 1.330 | 1.330 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 8.869 | 8.869 | 1.330 | 1.330 | 1.330 |
| TBtu Consumed | 17.74 | 17.74 | 17.73 | 17.73 | 17.73 |
| Rate - [lb/MMBtu] | 1.000 | 1.000 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 1.564 | 1.564 | 1.535 | 1.535 | 1.535 |
| TWh Generated Qualifying | 1.564 | 1.564 | 1.535 | 1.535 | 1.535 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 835.2 | 782.4 | 697.1 |

| | |
|---|-------------------|
| Constraint Name: COB BART Plant Specific SO2 Constraint | Constraint #: 115 |
| 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] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 18.87 | 18.87 | 4.639 | 4.639 | 4.639 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 18.87 | 18.87 | 4.639 | 4.639 | 4.639 |
| | | | | | |
| TBtu Consumed | 61.88 | 61.88 | 61.85 | 61.85 | 61.85 |
| Rate - [lb/MMBtu] | 0.6100 | 0.6100 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 5.957 | 5.957 | 5.853 | 5.853 | 5.853 |
| TWh Generated Qualifying | 5.957 | 5.957 | 5.853 | 5.853 | 5.853 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 2093. | 2151. | 451.7 |

| | |
|---|-------------------|
| Constraint Name: COC BART Plant Specific SO2 Constraint | Constraint #: 116 |
| 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] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 14.65 | 14.65 | 3.916 | 3.916 | 3.916 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 14.65 | 14.65 | 3.916 | 3.916 | 3.916 |
| TBtu Consumed | 52.23 | 52.23 | 52.21 | 52.21 | 52.21 |
| Rate - [lb/MMBtu] | 0.5610 | 0.5610 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 4.952 | 4.952 | 4.859 | 4.859 | 4.859 |
| TWh Generated Qualifying | 4.952 | 4.952 | 4.859 | 4.859 | 4.859 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 1754. | 1718. | 1630. |

Constraint Name: COE BART Plant Specific SO2 Constraint
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 #: 117

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 14.78 | 14.78 | 4.166 | 4.166 | 4.166 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 14.78 | 14.78 | 4.166 | 4.166 | 4.166 |
| TBtu Consumed | 55.56 | 55.56 | 55.54 | 55.54 | 55.54 |
| Rate - [lb/MMBtu] | 0.5320 | 0.5320 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 5.212 | 5.212 | 5.116 | 5.116 | 5.116 |
| TWh Generated Qualifying | 5.212 | 5.212 | 5.116 | 5.116 | 5.116 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 1854. | 1820. | 1732. |

Constraint Name: COF BART Plant Specific SO2 Constraint
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 #: 118

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 10.50 | 10.50 | 2.559 | 2.593 | 2.593 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 10.50 | 10.50 | 2.559 | 2.593 | 2.593 |
| | | | | | |
| TBtu Consumed | 34.58 | 34.58 | 34.12 | 34.57 | 34.57 |
| Rate - [lb/MMBtu] | 0.6070 | 0.6070 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 3.366 | 3.366 | 3.264 | 3.307 | 3.307 |
| TWh Generated Qualifying | 3.366 | 3.366 | 3.264 | 3.307 | 3.307 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 1562. | 1905. | 1116. |

Constraint Name: COH BART Plant Specific SO2 Constraint
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 #: 119

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 9.001 | 9.001 | 1.350 | 1.350 | 1.350 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 9.001 | 9.001 | 1.350 | 1.350 | 1.350 |
| TBtu Consumed | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 |
| Rate - [lb/MMBtu] | 1.000 | 1.000 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 1.750 | 1.750 | 1.717 | 1.717 | 1.717 |
| TWh Generated Qualifying | 1.750 | 1.750 | 1.717 | 1.717 | 1.717 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 835.8 | 780.9 | 690.8 |

Constraint Name: CRK BART Plant Specific SO2 Constraint
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 #: 120

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 17.77 | 17.77 | 3.872 | 3.872 | 3.872 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 17.77 | 17.77 | 3.872 | 3.872 | 3.872 |
| | | | | | |
| TBtu Consumed | 51.65 | 51.65 | 51.63 | 51.63 | 51.63 |
| Rate - [lb/MMBtu] | 0.6880 | 0.6880 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 4.974 | 4.974 | 4.879 | 4.879 | 4.879 |
| TWh Generated Qualifying | 4.974 | 4.974 | 4.879 | 4.879 | 4.879 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 1311. | 1260. | 1168. |

Constraint Name: CSA BART Plant Specific SO2 Constraint
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 #: 121

| | | | | | |
|--|-----------|------------|-----------|------------|------------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 1.972 | 1.446 | 1.720 | 1.446 | 1.446 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 1.972 | 1.446 | 1.720 | 1.446 | 1.446 |
| TBtu Consumed | 32.87 | 32.87 | 32.87 | 32.87 | 32.87 |
| Rate - [lb/MMBtu] | 0.1200 | 0.8800E-01 | 0.1047 | 0.8800E-01 | 0.8800E-01 |
| TWh Generated | 3.157 | 3.157 | 3.157 | 3.157 | 3.157 |
| TWh Generated Qualifying | 3.157 | 3.157 | 3.157 | 3.157 | 3.157 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Constraint Name: CZI BART Plant Specific SO2 Constraint
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 #: 122

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 10.14 | 10.14 | 2.691 | 2.691 | 2.691 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Banked [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Less Allowances Withdrawn [MTons] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total [MTons] | 10.14 | 10.14 | 2.691 | 2.691 | 2.691 |
| TBtu Consumed | 35.89 | 35.89 | 35.88 | 35.88 | 35.88 |
| Rate - [lb/MMBtu] | 0.5650 | 0.5650 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 3.574 | 3.574 | 3.513 | 3.513 | 3.513 |
| TWh Generated Qualifying | 3.574 | 3.574 | 3.513 | 3.513 | 3.513 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 1243. | 2506. | 0.000 |

Constraint Name: CZE BART Plant Specific SO2 Constraint
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 #: 123

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 72.28 | 72.28 | 20.10 | 20.10 | 20.10 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 72.28 | 72.28 | 20.10 | 20.10 | 20.10 |
| TBtu Consumed | 268.2 | 268.2 | 268.1 | 268.1 | 268.1 |
| Rate - [lb/MMBtu] | 0.5390 | 0.5390 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 24.85 | 24.85 | 24.33 | 24.33 | 24.33 |
| TWh Generated Qualifying | 24.85 | 24.85 | 24.33 | 24.33 | 24.33 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 5701. | 5874. | 4438. |

Constraint Name: CAX BART Plant Specific SO2 Constraint
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 #: 124

| | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| Time Base: Seasonal/Annual | 2007-2007 | 2008-2012 | 2013-2017 | 2018-2022 | 2023-2030 |
| Standard - [lb/MMBtu] | 10.00 | 10.00 | 0.1500 | 0.1500 | 0.1500 |
| -Emissions at Affected Plants [MTons] | 14.18 | 17.51 | 2.566 | 2.566 | 2.566 |
| -Less Allowances Purchased [MTons] SO2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| -Plus Allowances Sold [MTons] SO2 | 0.000 | 0.000 | 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] | 14.18 | 17.51 | 2.566 | 2.566 | 2.566 |
| TBtu Consumed | 25.78 | 31.84 | 34.21 | 34.21 | 34.21 |
| Rate - [lb/MMBtu] | 1.100 | 1.100 | 0.1500 | 0.1500 | 0.1500 |
| TWh Generated | 2.255 | 2.785 | 2.933 | 2.933 | 2.933 |
| TWh Generated Qualifying | 2.255 | 2.785 | 2.933 | 2.933 | 2.933 |
| Rate - [lb/MWh] | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Constraint Shadow Price [US\$/Ton] | 0.000 | 0.000 | 350.8 | 364.0 | 232.2 |