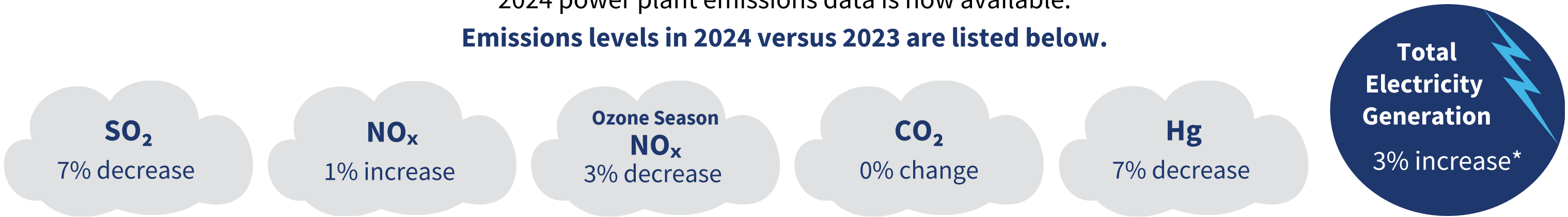


Power Plant Data Highlights 2024

2024 power plant emissions data is now available.
Emissions levels in 2024 versus 2023 are listed below.



Emissions Data

Emissions	2010	2019	2020	2021	2022	2023	2024	2010 to 2024 Change
Annual SO ₂ (million tons)	5.17	0.97	0.79	0.94	0.85	0.65	0.60	-88%
Annual NO _x (million tons)	2.11	0.88	0.74	0.78	0.75	0.64	0.65	-69%
Ozone Season NO _x (million tons)	0.93	0.39	0.34	0.36	0.32	0.30	0.29	-69%
Annual Hg (tons)	26.8	3.2	2.6	3.0	2.9	2.4	2.2	-92%
Annual CO ₂ (billion tons)	2.45	1.77	1.59	1.70	1.69	1.56	1.57	-36%

Electricity Generation Data

Generation (billion MWh)	2010	2019	2020	2021	2022	2023	2024	2010 to 2024 Change
Coal Generation	1.93	1.03	0.83	0.96	0.91	0.74	0.72	-62%
Gas Generation	0.81	1.48	1.52	1.47	1.57	1.69	1.75	+116%
Renewable Generation	0.43	0.73	0.78	0.82	0.90	0.90	*	+131%*
Total Generation	4.13	4.13	4.01	4.11	4.23	4.18	*	+5%*

* This comparison is based on EIA data for the first 11 months of 2023 and 2024 because data for December 2024 are not yet available.

Additional Data, Tools, and Resources

[Trends in Power Plant Emissions](#)

[Power Generation Data](#)

[Hourly Power Plant Data](#)

[Latest Emission Comparisons](#)

[Local Fuel Mix and Emission Rates](#)