



Environmental Information for Electricity offered by Talen Energy Marketing, LLC
Period Shown: January 1, 2024 to December 31, 2024

Fuel Sources		
Coal		14.80%
Oil		0.34%
Gas		44.15%
Nuclear		32.61%
Other		0.25%
Renewable Energy		
	Hydroelectric (Large)	0.95%
	Fuel Cells	0.03%
	Biomass	0.00%
	Geothermal	0.00%
	Captured Methane Gas	0.53%
	Solar	2.12%
	Municipal Solid Waste	0.46%
	Wind	3.75%
Total Renewable Energy		7.84%
Total Supply Mix		100.00%

The values shown represent the PJM Interconnection average fuel mix associated with the generation of electricity supplied by Talen Energy Marketing, LLC and do not necessarily represent the specific load supplied to Maryland customers. Talen Energy Marketing, LLC is providing this Environmental Information for Electric Power Supply Service in accordance with the Maryland Public Service Commission's Order No. 76241, Case No. 8738. Power plants can generate electricity from a number of different fuel sources, resulting in different emissions. Talen Energy Marketing, LLC reports fuel sources and emissions to customers twice annually, allowing customers to compare data among the companies providing electricity service to Maryland.

Air Emissions

Pounds Emitted per Megawatt-hour of Electricity Generated

Sulfur Dioxide (SO ₂)	0.31
Nitrogen Oxides (NO _x)	0.26
Carbon Dioxide (CO ₂)	743.52

The emission data given represents the amount of air pollution associated with the generation of electricity supplied by Talen Energy Marketing, LLC. Values shown represent actual data. These values approximate the emission rate for all electricity generation in the PJM region and do not necessarily represent the specific load supplied to Maryland customers.

*PJM Interconnection is a regional transmission organization (RTO) that coordinates the movement of wholesale electricity in all or parts of 13 states and the District of Columbia.