



Environmental Information for: Electric Power Supply Service for Maryland

Provided by: WGL Energy Services, Inc. (WGL Energy)

The following environmental information is for electricity supplied by WGL Energy Services Inc. from January 1, 2016 to December 31, 2016.

Source	PJM* System Mix	Large Commercial WGL Energy Fuel Mix	Small Commercial (3.5% PJM* Wind Included)	Residential (5% Wind PJM* Included)	50% Local PJM* Wind	100% Local PJM* Wind
Coal	33.4%	28.3%	27.1%	26.6%	11.6%	0.0%
Gas	27.0%	22.9%	21.9%	21.5%	9.4%	0.0%
Nuclear	36.0%	30.6%	29.3%	28.8%	12.6%	0.0%
Oil	0.2%	0.2%	0.2%	0.2%	0.1%	0.0%
Renewable Energy	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Captured Methane Gas	0.0%	0.2%	0.2%	0.2%	0.2%	0.0%
Geothermal	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Solar Voltaic	0.0%	0.7%	0.7%	0.7%	0.7%	0.0%
Solar Thermal	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Solid Waste	0.0%	1.9%	1.9%	1.9%	1.9%	0.0%
Hydro-electric	0.1%	6.2%	6.2%	6.2%	6.2%	0.0%
Wind	0.0%	3.4%	6.9%	8.4%	53.4%	100.0%
Wood or other Biomass	0.0%	2.8%	2.8%	2.8%	2.8%	0.0%
Other	3.3%	2.8%	2.7%	2.7%	1.2%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Air Emissions (lbs. per MWh)						
Sulphur Dioxide (SO ₂)	1.29	1.09	1.05	1.03	0.45	0.00
Nitrogen Oxides (NO _x)	0.74	0.63	0.60	0.59	0.26	0.00
Carbon Dioxide (CO ₂)	991.04	841.16	806.47	791.61	345.64	0.00

WGL Energy Services, Inc. (WGL Energy) 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. WGL Energy reports fuel sources and emissions to customers twice annually, allowing customers to compare data among the companies providing electricity service to Maryland. WGL Energy specific emissions and energy source (fuel mix) data vary from the PJM Interconnection average due to the benefit of additional purchases of Renewable Energy Credits (RECs) as per the Renewable Energy Portfolio Standard (RPS) mandated by the state of Maryland.*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. The WGL Energy wind percentages shown correspond to PJM values only.

Large Commercial Customers: The fuel mix and emissions disclosure above includes environmental information for your Electric Power Supply Service from the local PJM grid. If you purchase national wind power, sourced from wind farms outside of PJM, your wind power purchase is not reflected in the table above.

Small Commercial and Residential Customers: If you purchase National WindPower from WGL Energy a portion of your wind power is sourced from wind farms within the PJM grid. Small commercial and residential customers refer to the 3.5% or 5% wind column, respectively, for your fuel mix information.