

## Environmental Information for: Electric Power Supply Service in Maryland Provided by: Public Power & Utility of Maryland, LLC

The following environmental information is for electricity supplied by Public Power from January 2018 to December 2018. Last updated June 2019.

Sources of Electricity Supplied for the 12 months ending December 31, 2018 <sup>1</sup>	Public Power Fuel Mix	PJM Residual Mix <sup>1</sup>
Coal	23.4%	28.7%
Oil	0.2%	0.2%
Gas	25.4%	31.1%
Nuclear	28.2%	34.5%
Biomass	0.0%	0.0%
Capture Methane	14.5%	0.3%
Hydro	3.7%	1.5%
Solar	1.7%	0.3%
Solid Waste	0.4%	0.5%
Wind	2.1%	2.6%
Wood/Wood Waste	0.2%	0.2%
Other	0.0%	0.0%
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>

Average Amounts of Emissions Produced from Known Sources for the 12 months ending December 31, 2018 <sup>1</sup>		
Air Emissions (Lbs/1000kWh)	Public Power	PJM Residual Mix <sup>1</sup>
Carbon Dioxide (CO <sub>2</sub> )	755	924
Nitrogen Oxides (NO <sub>x</sub> )	0.43	0.53
Sulfur Dioxide (SO <sub>2</sub> )	0.57	0.70

<sup>1</sup> The data above are the values from January 2018 through December 2018 PJM\* System Mix and do not necessarily reflect the energy that Public Power had supplied. The Source of Electricity may have varied based upon the individual customer's location.

\* 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.

Public Power & Utility of Maryland, 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. Public Power-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 as per the Renewable Energy Portfolio Standard (RPS) mandated by the state of Maryland. Public Power reports fuel sources and emissions to customers twice annually, allowing customers to compare data among the companies providing electricity service to Maryland.