

## **ENVIRONMENTAL INFORMATION FOR HORIZON POWER AND LIGHT, LLC**

The following environmental information is for electricity supplied by Horizon Power and Light, LLC during the months of January 2019 to June 2019.

Power plants can generate electricity from a number of different fuel sources, which results in different emissions. Below are the fuel sources and emissions data for Horizon Power and Light, LLC for electricity supplied to the District of Columbia during the months of January 2019 to June 2019.

<b>Fuel Mix</b>	<b>Percentage</b>
<b>Coal</b>	<b>24.68%</b>
<b>Gas</b>	<b>33.93%</b>
<b>Nuclear</b>	<b>34.71%</b>
<b>Oil</b>	<b>0.11%</b>
<b>Renewable Energy</b>	
Captured Methane	0.29%
Hydro - Conventional	1.81%
Solar - Photovoltaic	0.33%
Wood	0.17%
Wind	3.42%
Solid Waste	0.51%
<b>Subtotal</b>	<b>6.55%</b>
<b>Total</b>	<b>100.0%</b>

### **Renewable Energy Sources 6.55%**

<b>Air Emissions</b>	<b>Lbs/Mwh</b>
<b>Sulfur Dioxide</b>	0.593
<b>Nitrogen Oxides</b>	0.466
<b>Carbon Dioxide</b>	841.96

*Carbon Dioxide (CO<sub>2</sub>) is a greenhouse gas that may contribute to a global climate change. Sulfur Dioxide (SO<sub>2</sub>) and Nitrogen Oxide (NO<sub>x</sub>) releases into the atmosphere react to form acid rain and also reacts from ground level ozone or a component of smog.*