



**Renaissance Power and Gas, Inc.**  
**Environmental Disclosure Statement**

Power plants can generate electricity from a number of different fuel sources, resulting in different emissions. Renaissance Power and Gas, Inc. will report fuel sources and emissions data to customers twice annually, allowing customers to compare data with other suppliers providing electric service in the District of Columbia.

**Sources of Electricity Table as of 6/30/23**

<b><u>Sources of Electricity</u></b>	<b><u>PJM System Mix</u></b>
<u>Coal</u>	<u>16.56%</u>
<u>Oil</u>	<u>0.26%</u>
<u>Natural Gas</u>	<u>42.96%</u>
<u>Nuclear</u>	<u>33.30%</u>
<u>Other</u>	<u>0.11%</u>
<u>Renewable Energy:</u>	
<u>Solar</u>	<u>1.21%</u>
<u>Wind</u>	<u>3.75%</u>
<u>Biomass</u>	<u>0.17%</u>
<u>Captured Methane Gas</u>	<u>0.24%</u>
<u>Water</u>	<u>0.93%</u>
<u>Geothermal</u>	<u>0.00%</u>
<u>Municipal Solid Waste</u>	<u>0.49%</u>
<u>Renewable Energy Resources Subtotal</u>	<u>6.8%</u>
<b><u>TOTAL</u></b>	<b><u>100.00%</u></b>

**Air Emissions**

<b><u>lbs/MWh Nitrogen Oxides (NOX), Sulfur Dioxide (SO2), and Carbon Dioxide (CO2) emitted for the 12 months ending 6/30/23</u></b>	
<u>Carbon Dioxide</u>	<u>757.39 lbs</u>
<u>Nitrogen Oxides</u>	<u>0.28 lbs</u>
<u>Sulfur Dioxide</u>	<u>0.36 lbs</u>
<u>Carbon Dioxide (CO2) is a "greenhouse gas" which may contribute to global climate change. Sulfur Dioxide (SO2) and Nitrogen Oxides (NOx) released into the atmosphere react to form acid rain. Nitrogen Oxides also react to form ground level ozone, an unhealthy component of "smog".</u>	

The PJM System Mix represents all resources used for electricity generation in the region. All fuel mix and emissions data are calculated from the PJM System. The sum of the individual fuel sources may not equal 100% due to rounding.

The PJM System Mix data represents the period from January 2022 – December 2022, the most recent available data. This disclosure is required by the District of Columbia Public Service Commission. For additional information, please contact Renaissance Power and Gas at <http://www.renaissancepowerandgas.com/> or by phone at (888) 811-0877.