

# ENVIRONMENTAL FUEL SOURCE INFORMATION

THIS DISCLOSURE IS REQUIRED BY THE DISTRICT OF COLUMBIA PUBLIC SERVICE COMMISSION

The following environmental information is for Pepco customers who have not chosen an alternative electricity supplier.

Power plants can generate electricity from a number of different fuel sources, resulting in different emissions. Pepco will report fuel sources and emissions data to customers twice annually, allowing customers to compare data among the companies providing electricity service in the District of Columbia.

The electricity provided to Pepco's customers is supplied by the PJM Interconnection (PJM). PJM is the federally regulated regional transmission system operator that coordinates the movement of wholesale electricity in all or parts of Delaware, Illinois, Indiana, Kentucky, Maryland, Michigan, New Jersey, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia and the District of Columbia.

The standardized environmental data provided are for January 1, 2021 – December 31, 2021.

For additional information, visit our website at **pepco.com**.

(continued on the reverse side)



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## ENERGY SOURCE (FUEL MIX)

January 1, 2021 – December 31, 2021

Coal	22.03%
Natural Gas	38.18%
Nuclear	33.11%
Oil	0.18%
Fuel Cell	0.03%
Other	0.01%

### Renewable Energy

Captured Methane Gas	0.26%
Geothermal	0.00%
Hydroelectric	1.28%
Solar	0.89%
Solid Waste	0.52%
Wind	3.36%
Wood or other Biomass	0.17%
Unspecified Renewable	0.00%
<b>Total</b>	<b>100%</b>

**Renewable energy sources subtotal: 6.47%**

Although the renewable energy resource subtotal in the District is 6.47%, this supply must comply on an annual basis with the District of Columbia Renewable Energy Portfolio Standard (RPS) requirements of 26.25% for the 2021 year. Pepco requires the Standard Offer Service suppliers to purchase renewable energy and Renewable Energy Credits from approved resources in the District of Columbia and the PJM area.

## AIR EMISSIONS

The amount of air pollution associated with the generation of electricity for the PJM region, which includes Pepco, is shown below.

### Pounds Emitted per Megawatt Hour of Electricity Generated

	Pepco	Mid-Atlantic Regional Average
Sulfur Dioxide (SO <sub>2</sub> )	0.48	0.48
Nitrogen Oxides (NO <sub>x</sub> )	0.38	0.38
Carbon Dioxide (CO <sub>2</sub> )	843.31	843.31

CO<sub>2</sub> is a "greenhouse gas," which may contribute to global climate change. SO<sub>2</sub> and NO<sub>x</sub> released into the atmosphere react to form acid rain. NO<sub>x</sub> also reacts to form ground level ozone, an unhealthy component of "smog."



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