

Environmental Information for Electricity Supplied by Constellation NewEnergy, Inc.

The following environmental information is for electricity supplied by Constellation NewEnergy, Inc.

Power plants can generate electricity from a number of different fuel sources, resulting in different emissions. Constellation NewEnergy, Inc. 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.

Constellation NewEnergy, Inc. used the following energy resources to supply electricity in the District of Columbia from January 1, 2008 through December 31, 2008.

Energy Source (Fuel Mix)

The values shown represent 2008 averages for the Mid-Atlantic region.

Coal	58.95%
Gas	4.80%
Nuclear	33.50%
Oil	0.17%
Unspecified Fossil	0.00%
<u>Renewable Energy</u>	
Captured Methane Gas	0.21%
Geothermal	0.00%
Hydroelectric	1.32%
Solar	0.00%
Solid Waste	0.51%
Wind	0.55%
Wood or other Biomass	0.00%
Fuel Cell	0.00%
Total	100.0%

Renewable energy sources subtotal: 2.59%

Air Emissions

The amount of air pollution associated with the generation of the electricity production for this region is shown in the table at right.

Pounds Emitted per Megawatt Hour of
Electricity Generated

Sulfur Dioxide (SO ₂)	7.971
Nitrogen Oxides (NO _x)	2.231
Carbon Dioxide (CO ₂)	1269.13

CO₂ is a "greenhouse gas," which may contribute to global climate change. SO₂ and NO_x released into the atmosphere react to form acid rain. NO_x also react to form ground level ozone, an unhealthy component of "smog."

Constellation NewEnergy is a member of the PJM regional transmission organization. Therefore, the environmental information contained herein includes regional data calculated by PJM.

For additional information about this table, contact Constellation NewEnergy, Inc. at (800) 337-3800.