

Environmental Information for Electricity Supplied by Constellation

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

Energy Source (Fuel Mix)

<p>The values shown represent Q1 2022 through Q4 2022 averages for the Mid-Atlantic region</p> <p>Renewable energy sources subtotal: 6.76%</p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td>Coal</td><td style="text-align: right;">20.16%</td></tr> <tr><td>Natural Gas</td><td style="text-align: right;">40.08%</td></tr> <tr><td>Nuclear</td><td style="text-align: right;">32.69%</td></tr> <tr><td>Oil</td><td style="text-align: right;">0.22%</td></tr> <tr><td>Unspecified Fossil</td><td style="text-align: right;">0.09%</td></tr> <tr><td>Renewable Energy</td><td></td></tr> <tr><td style="padding-left: 20px;">Captured Methane Gas</td><td style="text-align: right;">0.21%</td></tr> <tr><td style="padding-left: 20px;">Geothermal</td><td style="text-align: right;">0.00%</td></tr> <tr><td style="padding-left: 20px;">Hydroelectric</td><td style="text-align: right;">0.99%</td></tr> <tr><td style="padding-left: 20px;">Solar</td><td style="text-align: right;">1.11%</td></tr> <tr><td style="padding-left: 20px;">Solid Waste</td><td style="text-align: right;">0.48%</td></tr> <tr><td style="padding-left: 20px;">Wind</td><td style="text-align: right;">3.79%</td></tr> <tr><td style="padding-left: 20px;">Wood or other Biomass</td><td style="text-align: right;">0.19%</td></tr> <tr><td style="padding-left: 20px;">Unspecified Renewable</td><td style="text-align: right;">0.00%</td></tr> <tr><td style="padding-left: 40px;">Total</td><td style="text-align: right;">100.00%</td></tr> </table>	Coal	20.16%	Natural Gas	40.08%	Nuclear	32.69%	Oil	0.22%	Unspecified Fossil	0.09%	Renewable Energy		Captured Methane Gas	0.21%	Geothermal	0.00%	Hydroelectric	0.99%	Solar	1.11%	Solid Waste	0.48%	Wind	3.79%	Wood or other Biomass	0.19%	Unspecified Renewable	0.00%	Total	100.00%
Coal	20.16%																														
Natural Gas	40.08%																														
Nuclear	32.69%																														
Oil	0.22%																														
Unspecified Fossil	0.09%																														
Renewable Energy																															
Captured Methane Gas	0.21%																														
Geothermal	0.00%																														
Hydroelectric	0.99%																														
Solar	1.11%																														
Solid Waste	0.48%																														
Wind	3.79%																														
Wood or other Biomass	0.19%																														
Unspecified Renewable	0.00%																														
Total	100.00%																														

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)	0.44
Nitrogen Oxides (NO _x)	0.33
Carbon Dioxide (CO ₂)	810.84

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 unhealthful component of “smog.”

Constellation 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 label, contact Constellation at (855) 465-1244.