



**Environmental Information for:
Electric Power Supply Service in Maryland**

Provided by: Maryland Gas & Electric (“MDG&E”)

The following environmental information is for electricity supplied by MDG&E from January 1, 2010 to December 31, 2010. Last updated December 2011.¹

Sources of Electricity Supplied from January 1, 2011 through December 31, 2011.	
These energy resources were used to generate electricity for the PJM region, of which MDG&E is a member from January 1, 2011 through December 31, 2011.	
Coal	47.9%
Gas	12.6%
Nuclear	18.7%
Oil	17.3%
Renewable Energy	
<i>Captured Methane Gas</i>	<i>0.3%</i>
<i>Hydroelectric</i>	<i>0.5%</i>
<i>Solid Waste</i>	<i>0.3%</i>
<i>Wind</i>	<i>1.2%</i>
<i>Solar – Photovoltaic</i>	<i>0.2%</i>
<i>Wood or Other Biomass</i>	<i>0.9%</i>
Total Renewable Energy	3.3%
Other/Unknown Resources	0.1%
Total	100.0%

Average Amounts of Emissions per MWh Produced from Known Sources for Electricity Supplied from January 1, 2011 through December 31, 2011	
Air Emissions	Lbs/100kWh
Carbon Dioxide ²	1144
Nitrogen Dioxide	1.02
Sulfur Dioxide	3.98

Maryland Gas & Electric (“MDG&E”) is providing this Environmental Information for Electric Power Supply Service in accordance with the Maryland Public Service Commission’s Order No. 76241, case No. 8738. Power plants can generate electricity from a number of different fuel sources, resulting in different emissions. MDG&E reports fuel sources and emissions to customers twice annually, allowing customers to compare data among the companies providing electricity service to Maryland. MDG&E specific emission and energy source (fuel mix) data varies from the PJM average due to the benefit of additional purchases of Renewable Energy Credits as per the Renewable Energy Portfolio Standard (RPS) mandated by the state of Maryland. PJM Interconnection is a regional transmission organization (RTO) that coordinates the movement of wholesale electricity in all or parts of 13 states and the District of Columbia.

¹MDG&E did not supply any electricity to Maryland consumers from January 1, 2011 through September 12, 2011.

²CO₂ 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 reacts to form ground level ozone, a component of smog.