

**UGI Energy Services, LLC**

**Environmental Information for Electricity - District of Columbia Customers**

**December 1, 2023 Report**

UGI Energy Services (UGIES) is a member of the PJM Interconnection, the regional transmission organization. Electricity supplied by UGIES to its customers in the District of Columbia is purchased from PJM residual power. PJM uses a variety of fuel types to generate electricity. UGIES will report PJM fuel sources and emissions data twice a year to its District of Columbia customers to help them compare electricity choices offered by different suppliers.

**PJM Residual Fuel Mix and Emissions Statistics for January – June 2023**

*Energy Source (Fuel Mix)*

Coal .....	14.22%
Natural Gas .....	43.19%
Nuclear .....	34.46%
Oil .....	0.28%

*Renewable Energy*

Captured Methane Gas .....	0.30%
Hydroelectric .....	1.15%
Solid Waste .....	0.59%
Wood or Other Biomass .....	0.18%
Wind .....	4.24%
Solar .....	1.39%
 Total Renewable Energy .....	 7.85%

*Total Energy Resources* ..... 100%

*Air Emissions*

Below is the amount of air pollution emitted, in pounds per megawatt-hour, for electricity generated in the PJM region:

Sulfur Dioxide (SO <sub>2</sub> ) .....	.3062
Nitrogen Oxides (NO <sub>x</sub> ) .....	.238
Carbon Dioxide (CO <sub>2</sub> ) .....	704.335

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."