



May 22, 2025

Public Service Commission of the District of Columbia  
1325 G Street N.W., Suite 800  
Washington, DC 20005

RE: DC Fuel Mix Report for January 2024 – December 2024

Dear Sir/Madam:

UGI Energy Services, LLC respectfully submits the enclosed documents:

DC Fuel Mix Report for the period of January 2024– December 2024.

Should you have any questions, please feel free to contact me.

Sincerely,

Alex Matuszak  
Analyst II, Power Marketing



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## UGI Energy Services, LLC

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

June 1, 2025 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 2024 – December 2024

##### *Energy Source (Fuel Mix)*

Coal	.....	14.8295%
Natural Gas	.....	44.1528%
Nuclear	.....	32.6136%
Oil	.....	00.3412%

##### *Renewable Energy*

Captured Methane Gas	.....	0.5342%
Hydroelectric	.....	0.9472%
Solid Waste	.....	0.545%
Wood or Other Biomass	.....	0.1656%
Wind	.....	3.7534%
Solar	.....	2.1175%
Total Renewable Energy	.....	8.0629%

*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> )	.....	.312
Nitrogen Oxides (NO <sub>x</sub> )	.....	.2571
Carbon Dioxide (CO <sub>2</sub> )	.....	743.5221

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."