

UGI Energy Services, LLC

Environmental Information for Electricity - District of Columbia Customers

June 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 2022 – December 2022

Energy Source (Fuel Mix)

Coal	.....	20.157%
Natural Gas	.....	40.109%
Nuclear	.....	32.695%
Oil	.....	00.2231%

Renewable Energy

Captured Methane Gas	.....	0.214%
Hydroelectric	.....	0.986%
Solid Waste	.....	0.531%
Wood or Other Biomass	.....	0.186%
Wind	.....	3.793%
Solar	.....	1.106%
Total Renewable Energy	.....	6.82%

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 ₂)	.....	.4413
Nitrogen Oxides (NO _x)	.....	.3311
Carbon Dioxide (CO ₂)	.....	810.8353

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 reacts to form ground level ozone, an unhealthful component of "smog."