

Power Sources

Sources of electricity for Direct Energy Services, LLC (“DES”) customers in the reporting period 7/01/2023 – 9/30/2023, was met by generation from the PJM system-wide generation fuel mix.

Sources of electricity supplied for the quarter ending 9/30/2023

Source	Percentage of total
Coal	16.7041
Fuel Cell-Non-Renewable	0.0215
Oil	0.2878
Natural Gas	47.3339
Nuclear	30.7927
Gas – Other	0.0043
*Biomass	0.0000
*Captured Methane Gas	0.3520
*Hydro	0.6649
*Solar Voltaic	1.5606
*Solid Waste-Municipal Solid Waste	0.4292
*Wind	1.6106
*Wood	0.1575
Total:	100%
*Renewable Energy Resources Subtotal:	4.77%

Air Emissions

Carbon dioxide (CO₂), nitrogen oxides (NO_x), and sulfur dioxide (SO₂) emission rates for the PJM Region.

PJM System Mix – Emissions

Emission Type	Lbs. per MWh	Percentage of PJM Regional Average
Carbon Dioxide	806.6024	100%
Nitrogen Oxides	.2771	100%
Sulfur Dioxide	.3498	100%

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. Nitrogen Oxides also react to form ground level ozone, an unhealthy component of “smog.”



NOTES

You may call DES at 1-800-764-0232 or visit our website <http://www.directenergy.com> for more information.