

Power Sources

Sources of electricity supplied for the quarter ending 09/30/2017

Sources of electricity for Direct Energy Business, LLC (“DEB”) customers in the reporting period 07/01/2017 to 09/30/2017, was met by generation from the PJM system-wide generation fuel mix.

Source	Percentage of total
Coal	32.6
Oil	0.17
Nuclear	34.1
Natural Gas	30.0
Gas – Other	0.04
*Biomass	0.00
*Captured Methane Gas	0.31
*Hydro-Conventional	0.75
*Solar Voltaic	0.21
*Solid Waste-Municipal Solid Waste	0.44
*Wind	1.14
*Wood	0.20
Total:	100%
*Renewable Energy Resources Subtotal:	3.0%

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	992.0159	100%
Nitrogen Oxides	0.6578	100%
Sulfur Dioxide	0.7679	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 unhealthful component of “smog.”



NOTES

You may call DEB at 1-888-925-9115 or visit our website <http://www.business.directenergy.com> for more information.