

Power Sources

Sources of electricity supplied for the quarter ending 3/31/2017

Sources of electricity for Direct Energy Business Marketing, LLC (“DEBM”) customers in the reporting period 01/01/2017 to 3/31/2017, was met by generation from the PJM system-wide generation fuel mix.

Source	Percentage of total
Coal	33.41
Oil	.14
Nuclear	36.05
Natural Gas	24.48
Gas – Other	0.03
*Biomass	0.00
*Captured Methane Gas	0..33
*Hydro-Conventional	1.31
*Solar Voltaic	0.13
*Solid Waste-Municipal Solid Waste	0.48
*Wind	3.34
*Wood	0.26
Total:	100%
*Renewable Energy Resources Subtotal:	5.87%

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	949.7374	100%
Nitrogen Oxides	.7193	100%
Sulfur Dioxide	.9115	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 DEBM at 1-888-925-9115 or visit our website <http://www.business.directenergy.com> for more information.