

## Power Sources

Sources of electricity supplied for the quarter ending 06/30/2017

Sources of electricity for Direct Energy Business Marketing, LLC (“DEBM”) customers in the reporting period 04/01/2017 to 06/30/2017, was met by generation from the PJM system-wide generation fuel mix.

Source	Percentage of total
Coal	31.87
Oil	0.19
Nuclear	37.01
Natural Gas	25.07
Gas – Other	0.04
*Biomass	0.00
*Captured Methane Gas	0.33
*Hydro-Conventional	1.65
*Solar Voltaic	0.24
*Solid Waste-Municipal Solid Waste	0.46
*Wind	2.88
*Wood	0.23
Total:	100%
*Renewable Energy Resources Subtotal:	5.79%

## Air Emissions

Carbon dioxide (CO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>), and sulfur dioxide (SO<sub>2</sub>) emission rates for the PJM Region.

PJM System Mix – Emissions

Emission Type	Lbs. per MWh	Percentage of PJM Regional Average
Carbon Dioxide	922.6041	100%
Nitrogen Oxides	0.6305	100%
Sulfur Dioxide	0.7283	100%

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. 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.