

## Power Sources

Sources of electricity supplied for the quarter ending 6/30/2018

Sources of electricity for Direct Energy Business, LLC (“DEB”) customers in the reporting period 04/01/2018 to 6/30/2018, was met by generation from the PJM system-wide generation fuel mix.

Source	Percentage of total
Coal	27.99
Oil	.24
Nuclear	36.00
Natural Gas	30.19
Gas – Other	0.03
*Biomass	0.00
*Captured Methane Gas	0.32
*Hydro-Conventional	1.58
*Solar Voltaic	0.36
*Solid Waste-Municipal Solid Waste	0.54
*Wind	2.46
*Wood	0.25
Total:	100%
*Renewable Energy Resources Subtotal:	5.5%

## 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	912.4841	100%
Nitrogen Oxides	.5252	100%
Sulfur Dioxide	.6675	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 DEB at 1-888-925-9115 or visit our website <http://www.business.directenergy.com> for more information.