

Power Sources

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

Sources of electricity for Direct Energy Business, LLC (“DEB”) 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 (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 | 922.6041 | 100% |
| Nitrogen Oxides | 0.6305 | 100% |
| Sulfur Dioxide | 0.7283 | 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.