Illinois

PJM System-Wide Generation Fuel Mix

Exhibit A

Power Sources

Sources of electricity for all Direct Energy customers in the reporting period 01/01/2023 - 12/31/2023 was met by generation from the following sources.

Sources of electricity supplied for the previous 12 months

Source	Percentage of total
Coal	15%
Oil	0%
Natural Gas	44%
Nuclear	34%
Hydro	1%
Other	0%
**Biomass*	0%
**Captured Methane Gas*	0%
**Solar Voltaic*	1%
**Solid Waste*	0%
**Water*	1%
**Wind*	4%
**Wood/Wood Waster*	0%
Fuel Cell - Non-Renewable	0%
Total:	100%
**Renewable Energy Resources Subtotal:*	7%

Air Emissions

Carbon dioxide (CO_2), nitrogen oxides (NO_X), and sulfur dioxide (SO_X) emission rates for the PJM Regions.

PJM SYSTEM MIX - Emissions

Emission Type	Lbs. per MWH	Percentage of PJM Regional Average
Carbon Dioxide	732.79	100%
Nitrogen Oxides	0.25	100%
Sulfur Dioxide	0.32	100%

The benchmark emission levels that are shown approximate the emission rate for all electricity generation in the PJM region. Data used to calculate the emission profile came from generator owner-entered values, EPA generator-specific emission factors based on 2004/2005 CEMS data, EPA plant emission factors from eGRID or fuel type default. CO is a “greenhouse gas” which may contribute to global climate change. SO and NOx released into the atmosphere react to form acid rain. Nitrogen Oxides also react to form ground level ozone, an unhealthful component of “smog.”

One hundred percent of the total electricity supplied was purchased from other suppliers and the amount of nuclear waste attributable to producing this electricity is not known and is not included in this table.

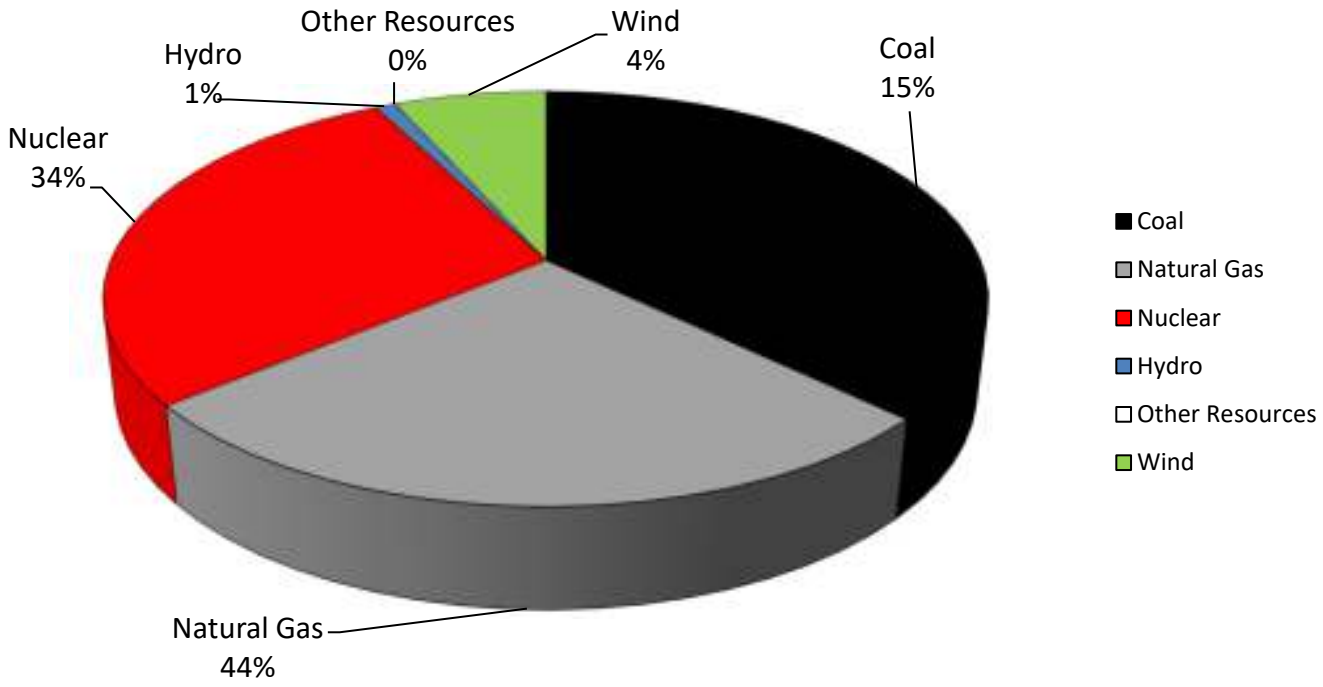
direct energy™

Illinois

PJM Fuel Mix Chart

Sources of electricity supplied for the 12 months ending 12/31/2023

Exhibit B



** Oil, Biomass, Captured Methane, Solar, Water, Wood and Fuel Cell are rounded down to 0 per the rules but they are sources utilized by Direct Energy.*

Additional information on companies selling electrical power in Illinois can be found at the Illinois Commerce Commission's World Wide Web site www.icc.state.il.us