

## *Electricity Supply*

### *Consumer Information About Your Electricity Supplier*

*April 2018*

Electricity suppliers in Maine must, by Maine law, provide fact sheets or “uniform disclosure labels” from time to time to educate consumers about their electricity service. Your electricity is *delivered by* {Central Maine Power}, but the *electricity itself* is supplied by:

### **Your Electricity Supplier is: Direct Energy Business, LLC**

This fact sheet provides consumer information about the price, power source and air emissions of service provided by this electricity supplier.

### *Power Sources* (January 2017 – December 2017)

*This Supplier provided electricity with the following resources:*

|  | <u>Supplier's<br/>Mix</u> | <u>NEPOOL<br/>Mix</u> |
|--|---------------------------|-----------------------|
| <i>Sources meeting Maine's 30% renewable and efficient resources requirement</i> |                           |                       |
| Biomass  | 2.01%                     | 2.01%                 |
| Diesel   | 0.93%                     | 0.93%                 |
| Digester Gas   | 0.07%                     | 0.07%                 |
| Efficient Resources (Maine)  | 0.23%                     | 0.23%                 |
| Fuel Cells   | 0.28%                     | 0.28%                 |
| Hydroelectric/Hydropower   | 6.96%                     | 6.96%                 |
| Jet  | 0.02%                     | 0.02%                 |
| Landfill Gas   | 0.55%                     | 0.55%                 |
| Liquid Biofuels  | 0.39%                     | 0.39%                 |
| Municipal Solid Waste  | 1.04%                     | 1.04%                 |
| Natural Gas  | 37.52%                    | 37.52%                |
| Solar Photovoltaic   | 2.24%                     | 2.24%                 |
| Trash-to-Energy  | 2.13%                     | 2.13%                 |
| Wind   | 3.09%                     | 3.09%                 |
| Wood   | 1.59%                     | 1.59%                 |
| <i>Other Sources</i>   |                           |                       |
| Coal   | 4.60%                     | 4.60%                 |
| Nuclear  | 28.99%                    | 28.99%                |
| Oil  | <u>7.36%</u>              | <u>7.36%</u>          |
| <b>TOTAL</b>   | <b>100%</b>               | <b>100%</b>           |

### *Air Emissions* (January 2017 – December 2017)

This table compares air emissions from this supplier's electricity mix to average emissions levels from all {NEPOOL} power sources.

|                             | <u>Supplier's<br/>Mix<br/>(lbs/MWh)</u> |   |
|-----------------------------|---|---|
| <b>Carbon Dioxide (CO2)</b> | 909.85                                  | This is x% {less/more} than the {Region Name} Average |
| <b>Nitrogen Oxide (NOx)</b> | 0.96                                    | This is x% {less/more} than the {Region Name} Average |
| <b>Sulfur Dioxide (SO2)</b> | 1.50                                    | This is x% {less/more} than the {Region Name} Average |

Notes: lbs/MWh = pounds per Megawatt-hour  
1 Megawatt-hour = 1,000 kilowatt-hours

### Additional Information and Required Notes:

*Notes:*

**Power Sources** – Maine law requires retail electricity providers to supply no less than 30% of their total annual kilowatt-hour sales with electric energy generated from eligible resources. Either a renewable fuel or an efficient process, such as co-generation, must be used to generate the electricity used to satisfy this requirement. Co-generation sometimes uses fossil fuels, such as gas, coal or oil, and is considered to be efficient because the process yields both electricity and thermal energy.

**Emissions** – **Carbon Dioxide** (CO2) is released when certain fuels are burned. It is considered a greenhouse gas and a major contributor to global warming. **Nitrogen Oxide** (NOx) form when certain fuels are burned at high temperatures. They are considered contributors to acid rain and ground-level ozone (or smog). **Sulfur Dioxide** (SO2) is formed when fuels containing sulfur are burned. Major health effects associated with SO2 include asthma, respiratory illness and aggravation of existing cardiovascular disease. The production of electricity can produce other harmful emissions and have other environmental impacts. Environmental impacts differ among individual power plants.

*If you have questions or need further explanations, please contact Direct Energy Business toll-free, at 1-888-925-9115 or the Maine Public Utilities Commission, toll-free, at 1-800-452-4699. Additional information can also be found at [http://www.state.me.us/mpuc/electricity/standard\\_offer/disclosure\\_labels.shtml](http://www.state.me.us/mpuc/electricity/standard_offer/disclosure_labels.shtml).*