

# RESIDENTIAL AND SMALL NON RESIDENTIAL STANDARD OFFER SERVICE CONSUMER INFORMATION ABOUT YOUR ELECTRICITY SUPPLY

January 2022

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 your electrical utility, either Central Maine Power Company or Emera Maine-Bangor Hydro District, but the electricity itself is supplied by:

**Electricity Maine, LLC**

This fact sheet provides consumer information about the power sources and air emissions of service provided by Electricity Maine, LLC for the next twelve months.

## Power Sources

(October 1, 2020 – September 30, 2021)

The supplier providing electricity with the following resources:

	<u>Supplier's Mix</u>	<u>New England Mix</u>
Biomass	1.98 %	} 2.63 %
Municipal Waste	0.65 %	
Landfill Gas	0.50 %	
Other Renewable	2.29 %	
Fuel Cell	0.46 %	0.46 %
Geothermal	0.00 %	0.00 %
Hydro	5.25 %	5.25 %
Solar	4.93 %	4.93 %
Tidal	0.00 %	0.00 %
Wind	3.24 %	3.24 %
Other Sources	2.67 %	2.67 %
Nuclear	25.37 %	25.36 %
Gas	46.83 %	46.83 %
Oil	5.30 %	5.30 %
Coal	0.53 %	0.53 %
<b>TOTAL</b>	<b>100.00%</b>	<b>100.00%</b>

## Air Emissions

(October 1, 2020 – September 30, 2021)

This table compares air emissions from this supplier's electricity mix to average emission levels from all New England power sources.

	<u>Supplier's Mix</u> (lbs/MWh)	
<b>Carbon Dioxide (CO<sub>2</sub>)</b>	<b>756.54</b>	This is <b>equal</b> to the New England Average.
<b>Nitrogen Oxide (NO<sub>x</sub>)</b>	<b>0.70</b>	This is <b>equal</b> to the New England Average
<b>Sulfur Dioxide (SO<sub>2</sub>)</b>	<b>0.41</b>	This is <b>equal</b> to the New England 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 periodically provide information to their customers on the mix of power sources used by the provider to serve their Maine customers' load.

**Emissions**—**Carbon Dioxide** (CO<sub>2</sub>) is released when certain fuels are burned. It is considered a greenhouse gas and a major contributor to global warming. **Nitrogen Oxides** (NO<sub>x</sub>) form when certain fuels are burned at high temperatures. They are considered contributors to acid rain and ground-level ozone (or smog). **Sulfur Dioxide** (SO<sub>2</sub>) is formed when fuels containing sulfur are burned. Major health effects associated with SO<sub>2</sub> 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.

<sup>1</sup>Customers who choose the "Pure Green" product will not have electricity from a specific generation facility delivered directly to their meter, but they are able to support generators of renewable energy that provide electricity to the New England power grid in an amount equal to the applicable percentage of the customer's usage. Renewable resource availability varies hour to hour and from season to season, as does our customers' use. We will rely on system power from the grid to serve our customers' minute by minute consumption but will cause enough of the applicable Electricity Maine electricity blend to be delivered to the power grid to match our customers' actual electricity purchases. By purchasing Green renewable energy certificates from specific facilities, we ensure that electricity from promised renewable resources equal to your annual electricity usage for which you've paid is delivered to the New England grid.

**If you have questions or need further explanation, please contact, Electricity Maine, LLC at 1-866-573-2674 or the Maine Public Utilities Commission, toll-free, at 1-800-452-4699. Additional information can also be found at <http://www.maine.gov/mpuc>.**