

**Residential and Small Non Residential Service  
Consumer Information About Your Electricity Supplier  
July 2021**

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 either Central Maine Power and/or Emera Maine, but the electricity itself is supplied by:

**C.N. Brown Electricity, LLC**

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

<u>Power Sources</u> (January 1, 2020 - December 31, 2020)	<u>Air Emissions</u> (January 1, 2020 - December 31, 2020)																																																																																															
<p><i>This supplier provided electricity with the following resources:</i></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"></th> <th style="text-align: center; width: 35%;"><u>Supplier Mix</u></th> <th style="text-align: center; width: 35%;"><u>New England Mix</u></th> </tr> </thead> <tbody> <tr><td>Air-source heat pump</td><td style="text-align: center;">0.05%</td><td style="text-align: center;">0.05%</td></tr> <tr><td>Biogas</td><td style="text-align: center;">0.01%</td><td style="text-align: center;">0.01%</td></tr> <tr><td>Biomass</td><td style="text-align: center;">2.23%</td><td style="text-align: center;">2.23%</td></tr> <tr><td>Coal</td><td style="text-align: center;">2.46%</td><td style="text-align: center;">2.46%</td></tr> <tr><td>Diesel</td><td style="text-align: center;">0.53%</td><td style="text-align: center;">0.53%</td></tr> <tr><td>Digester gas</td><td style="text-align: center;">0.09%</td><td style="text-align: center;">0.09%</td></tr> <tr><td>Efficient Resource (Maine)</td><td style="text-align: center;">0.19%</td><td style="text-align: center;">0.19%</td></tr> <tr><td>Energy Storage</td><td style="text-align: center;">0.01%</td><td style="text-align: center;">0.01%</td></tr> <tr><td>Fuel cell</td><td style="text-align: center;">0.35%</td><td style="text-align: center;">0.35%</td></tr> <tr><td>Geothermal</td><td style="text-align: center;">0.00%</td><td style="text-align: center;">0.00%</td></tr> <tr><td>Ground- and Water-source heat pump</td><td style="text-align: center;">0.05%</td><td style="text-align: center;">0.05%</td></tr> <tr><td>Hydroelectric/Hydropower</td><td style="text-align: center;">7.48%</td><td style="text-align: center;">7.48%</td></tr> <tr><td>Hydrokinetic</td><td style="text-align: center;">0.00%</td><td style="text-align: center;">0.00%</td></tr> <tr><td>Jet</td><td style="text-align: center;">0.01%</td><td style="text-align: center;">0.01%</td></tr> <tr><td>Landfill gas</td><td style="text-align: center;">0.54%</td><td style="text-align: center;">0.54%</td></tr> <tr><td>Liquid biofuels</td><td style="text-align: center;">0.44%</td><td style="text-align: center;">0.44%</td></tr> <tr><td>Municipal solid waste</td><td style="text-align: center;">0.68%</td><td style="text-align: center;">0.68%</td></tr> <tr><td>Natural Gas</td><td style="text-align: center;">40.86%</td><td style="text-align: center;">40.86%</td></tr> <tr><td>Nuclear</td><td style="text-align: center;">28.25%</td><td style="text-align: center;">28.25%</td></tr> <tr><td>Oil</td><td style="text-align: center;">4.92%</td><td style="text-align: center;">4.92%</td></tr> <tr><td>Solar Photovoltaic</td><td style="text-align: center;">3.78%</td><td style="text-align: center;">3.78%</td></tr> <tr><td>Solar Thermal</td><td style="text-align: center;">0.02%</td><td style="text-align: center;">0.02%</td></tr> <tr><td>Trash-to-energy</td><td style="text-align: center;">2.42%</td><td style="text-align: center;">2.42%</td></tr> <tr><td>Wind</td><td style="text-align: center;">3.43%</td><td style="text-align: center;">3.43%</td></tr> <tr><td>Wood</td><td style="text-align: center;">1.20%</td><td style="text-align: center;">1.20%</td></tr> <tr><td><b>TOTAL</b></td><td style="text-align: center;"><b>100.00%</b></td><td style="text-align: center;"><b>100.00%</b></td></tr> </tbody> </table> <p><small>*Actual Total may vary slightly from 100% due to rounding</small></p>		<u>Supplier Mix</u>	<u>New England Mix</u>	Air-source heat pump	0.05%	0.05%	Biogas	0.01%	0.01%	Biomass	2.23%	2.23%	Coal	2.46%	2.46%	Diesel	0.53%	0.53%	Digester gas	0.09%	0.09%	Efficient Resource (Maine)	0.19%	0.19%	Energy Storage	0.01%	0.01%	Fuel cell	0.35%	0.35%	Geothermal	0.00%	0.00%	Ground- and Water-source heat pump	0.05%	0.05%	Hydroelectric/Hydropower	7.48%	7.48%	Hydrokinetic	0.00%	0.00%	Jet	0.01%	0.01%	Landfill gas	0.54%	0.54%	Liquid biofuels	0.44%	0.44%	Municipal solid waste	0.68%	0.68%	Natural Gas	40.86%	40.86%	Nuclear	28.25%	28.25%	Oil	4.92%	4.92%	Solar Photovoltaic	3.78%	3.78%	Solar Thermal	0.02%	0.02%	Trash-to-energy	2.42%	2.42%	Wind	3.43%	3.43%	Wood	1.20%	1.20%	<b>TOTAL</b>	<b>100.00%</b>	<b>100.00%</b>	<p><i>This table compares air emissions from this supplier's electricity mix to average emission levels from all New England power sources.</i></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;"><u>Supplier's Mix (lbs/MWh)</u></th> </tr> </thead> <tbody> <tr> <td style="width: 70%;"><b>Carbon Dioxide (CO2)</b></td> <td style="text-align: right;"><b>785.35</b></td> </tr> <tr> <td colspan="2"><i>This is 0 % higher than the New England Average</i></td> </tr> <tr> <td><b>Nitrogen Oxide (Nox)</b></td> <td style="text-align: right;"><b>0.98</b></td> </tr> <tr> <td colspan="2"><i>This is 0 % higher than the New England Average</i></td> </tr> <tr> <td><b>Sulfur Dioxide (SO2)</b></td> <td style="text-align: right;"><b>1.10</b></td> </tr> <tr> <td colspan="2"><i>This is 0 % higher than the New England Average</i></td> </tr> </tbody> </table> <p><small>Notes: lbs/MWh = pounds per Megawatt-hour 1 Megawatt-hour = 1,000 Kilowatt-hours</small></p>	<u>Supplier's Mix (lbs/MWh)</u>		<b>Carbon Dioxide (CO2)</b>	<b>785.35</b>	<i>This is 0 % higher than the New England Average</i>		<b>Nitrogen Oxide (Nox)</b>	<b>0.98</b>	<i>This is 0 % higher than the New England Average</i>		<b>Sulfur Dioxide (SO2)</b>	<b>1.10</b>	<i>This is 0 % higher than the New England Average</i>	
	<u>Supplier Mix</u>	<u>New England Mix</u>																																																																																														
Air-source heat pump	0.05%	0.05%																																																																																														
Biogas	0.01%	0.01%																																																																																														
Biomass	2.23%	2.23%																																																																																														
Coal	2.46%	2.46%																																																																																														
Diesel	0.53%	0.53%																																																																																														
Digester gas	0.09%	0.09%																																																																																														
Efficient Resource (Maine)	0.19%	0.19%																																																																																														
Energy Storage	0.01%	0.01%																																																																																														
Fuel cell	0.35%	0.35%																																																																																														
Geothermal	0.00%	0.00%																																																																																														
Ground- and Water-source heat pump	0.05%	0.05%																																																																																														
Hydroelectric/Hydropower	7.48%	7.48%																																																																																														
Hydrokinetic	0.00%	0.00%																																																																																														
Jet	0.01%	0.01%																																																																																														
Landfill gas	0.54%	0.54%																																																																																														
Liquid biofuels	0.44%	0.44%																																																																																														
Municipal solid waste	0.68%	0.68%																																																																																														
Natural Gas	40.86%	40.86%																																																																																														
Nuclear	28.25%	28.25%																																																																																														
Oil	4.92%	4.92%																																																																																														
Solar Photovoltaic	3.78%	3.78%																																																																																														
Solar Thermal	0.02%	0.02%																																																																																														
Trash-to-energy	2.42%	2.42%																																																																																														
Wind	3.43%	3.43%																																																																																														
Wood	1.20%	1.20%																																																																																														
<b>TOTAL</b>	<b>100.00%</b>	<b>100.00%</b>																																																																																														
<u>Supplier's Mix (lbs/MWh)</u>																																																																																																
<b>Carbon Dioxide (CO2)</b>	<b>785.35</b>																																																																																															
<i>This is 0 % higher than the New England Average</i>																																																																																																
<b>Nitrogen Oxide (Nox)</b>	<b>0.98</b>																																																																																															
<i>This is 0 % higher than the New England Average</i>																																																																																																
<b>Sulfur Dioxide (SO2)</b>	<b>1.10</b>																																																																																															
<i>This is 0 % higher than the New England Average</i>																																																																																																

**Additional Information and Required 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 customers' load.

**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 Oxides (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 explanation, please contact C.N. Brown Electricity, LLC toll-free, at 1-800-432-4211 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>*