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September 26<sup>th</sup>, 2023

New Hampshire Department of Energy  
21 South Fruit Street, Suite 10  
Concord, NH 03301

RE: Grid Power Direct, LLC 2023 New Hampshire Environmental Disclosure Label

To Whom It May Concern,

Grid Power Direct, LLC, a licensed New Hampshire CEPS, respectfully files its Environmental Disclosure Label for the power source and air emissions period of 4/1/2022 to 3/31/2023. Grid Power Direct, LLC did not serve load in New Hampshire during this period.

Please contact the undersigned with any questions or concerns regarding this submission.

Thank you,

Ezra Doueck  
Principal & Co-Founder  
Grid Power Direct, LLC  
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# New Hampshire Environmental Disclosure Label

September 2023

*Electric providers are required by the New Hampshire Department of Energy to provide customers with an environmental disclosure label with information to evaluate services offered by competitive suppliers and electric utilities, and to provide information about the environmental and public health impacts of electric generation. Further information can be obtained by calling Grid Power Direct, LLC your electric utility, or by contacting the New Hampshire Department of Energy (<https://www.energy.nh.gov/>).*

## Grid Power Direct, LLC

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

### Power Sources

(April 1, 2022 – March 31, 2023)

### Air Emissions

(April 1, 2022 – March 31, 2023)

The supplier projects providing electricity with the following resources:

Power Sources	Supplier's Mix	New England Mix	Air Emissions	Supplier	New England
<b>Air-source heat pump</b>	0.19%	0.19%	<b>Carbon Dioxide (CO<sub>2</sub>)</b>	610.342	610.342
<b>Biogas</b>	0.01%	0.01%			
<b>Biomass</b>	1.40%	1.40%			
<b>Coal</b>	0.30%	0.30%			
<b>Diesel</b>	1.00%	1.00%	<b>Nitrogen Oxides (NO<sub>x</sub>)</b>	12.675	12.675
<b>Digester gas</b>	0.09%	0.09%			
<b>Efficient Resource (Maine)</b>	0.05%	0.05%			
<b>Energy Storage</b>	0.03%	0.03%			
<b>Fuel cell</b>	0.52%	0.52%	<b>Sulfur Dioxide (SO<sub>2</sub>)</b>	0.322	0.322
<b>Geothermal</b>	0.00%	0.00%			
<b>Ground- and Water-source heat pump</b>	0.00%	0.00%			
<b>Hydroelectric/Hydropower</b>	10.97%	10.97%			
<b>Hydrokinetic</b>	0.00%	0.00%	<p><b>Notes:</b> lbs/MWh = pounds per Megawatt-hour 1 Megawatt-hour = 1,000 kilowatt-hours</p> <p><b>Emissions:</b> <i>Carbon Dioxide (CO<sub>2</sub>)</i> is released when certain fuels are burned. It is considered a greenhouse gas and a major contributor to global warming.</p> <p><i>Nitrogen Oxides (NO<sub>x</sub>)</i> form when certain fuels are burned at high temperatures. They are considered contributors to acid rain and ground-level ozone (or smog).</p> <p><i>Sulfur Dioxide (SO<sub>2</sub>)</i> 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.</p> <p>The production of electricity can produce other harmful emissions and have other environmental impacts. Environmental impacts differ among individual power plants.</p>		
<b>Imports</b>	11.47%	11.47%			
<b>Jet</b>	0.01%	0.01%			
<b>Landfill gas</b>	0.74%	0.74%			
<b>Liquid biofuels</b>	0.28%	0.28%			
<b>Municipal solid waste</b>	0.46%	0.46%			
<b>Natural Gas</b>	36.59%	36.59%			
<b>Nuclear</b>	19.70%	19.70%			
<b>Oil</b>	3.59%	3.59%			
<b>Solar Photovoltaic</b>	5.22%	5.22%			
<b>Solar Thermal</b>	0.01%	0.01%			
<b>Trash-to-energy</b>	1.64%	1.64%			
<b>Wind</b>	5.20%	5.20%			
<b>Wood</b>	0.64%	0.64%			
<b>TOTAL</b>	100.00%	100.00%			
<p><b>Power Sources:</b> New Hampshire 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 New Hampshire customers' load. Grid Power Direct, LLC sources its electricity from the NEPOOL System Mix. This data comes from the NEPOOL GIS New England and Imports by Fuel Report.</p>					

If you have questions or need further explanation, please contact, Grid Power Direct, LLC at (877) 677-8719 or the New Hampshire Department of Energy, toll-free at 1-800-735-2964. Additional information can also be found at <https://www.energy.nh.gov/>.