

Grid Power Direct, LLC 1 Metrotech Center North, Third Floor Brooklyn, NY 11201

w: www.gridpowerdirect.come: info@gridpowerdirect.comtoll free: (877) 677-8719

6/1/2022

David Collins, Executive Secretary Maryland Public Service Commission 6 St. Paul Street Baltimore, MD 21202

## Re: Grid Power Direct, LLC June 2022 Bi-Annual Environmental Disclosure Statement

Dear Mr. Collins,

Enclosed please find a copy of Grid Power Direct, LLC's Environmental Disclosure Statement for June 2022, reflecting the PJM System Mix for the 12 months from April 2021 to March 2022. This label was prepared according to Statute 7-505 Section (4) and is identical to the label provided to customers.

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

Respectfully Submitted,

zra Dounck

Ezra Doueck Managing Member ezra@gridpowerdirect.com (917) 757-7973



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## **Grid Power Direct, LLC** June 2022 Environmental Disclosure Statement

Power plants can generate electricity from several different fuel sources, resulting in different emissions. Grid Power Direct, LLC will report fuel sources and emissions data to customers twice annually, allowing customers to compare data with other suppliers providing electric service in Maryland.

Sources of Electricity Supplied from April 2021 to March 2022	Percentage of Total
Biomass Power	0.86 %
Coal-Fired Power	21.72 %
Hydro Power	1.21 %
Natural Gas-Fired Power	38.40 %
Nuclear Power	32.98 %
Oil-Fired Power	0.19 %
Solar Power	0.96 %
Wind Power	3.48 %
Other Resources	0.18 %
Total	100.00 %
The PJM System Mix represents all resources used for electricity generation in the region. All fuel mix and emissions data are calculated from the PJM System Mix. The sum of the individual fuel sources may not equal 100% due to rounding.	

## Sources of Electricity Table

## Air Emissions

Lbs/MWh Nitrogen Oxides (NO <sub>x</sub> ), Sulfur Dioxide (SO <sub>2</sub> ), and Carbon Dioxide (CO <sub>2</sub> ) emitted from April 2021 to March 2022		
Carbon Dioxide	838.297	
Nitrogen Oxide	0.372	
Sulfur Dioxide	0.482	
Carbon Dioxide ( $CO_2$ ) is a "greenhouse gas" which may contribute to global climate change. Sulfur Dioxide ( $SO_2$ ) and Nitrogen Oxides ( $NO_x$ ) released into the atmosphere react to form acid rain. Nitrogen Oxides also react to form ground level ozone, an unhealthful component of "smog."		

This disclosure is required by the Maryland Public Service Commission.

For additional information, please contact Grid Power Direct, LLC at www.gridpowerdirect.com or by phone at (877) 677-8719.