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June 4, 2019

**VIA UPS and Email**

Brinda Westbrook-Sedgwick  
Commission Secretary  
Public Service Commission of the District of Columbia  
1325 G Street NW, Suite 800  
Washington, DC 20005

RECEIVED  
DISTRICT OF COLUMBIA  
PUBLIC SERVICE COMMISSION  
2019 JUN -6 AM 10:30  
OFFICE OF THE  
COMMISSION SECRETARY

**Re: Talen Energy Marketing, LLC's Fuel Mix and Emissions Report**

Dear Secretary Westbrook-Sedgwick:

Pursuant to the Commission's Order Nos. 13589, 13391 and 12765, enclosed is the required Fuel Mix and Emissions Report for the time period January 1, 2018 through December 31, 2018.

If there are any questions or concerns regarding this filing, please contact me directly at (610) 601-0418 or via email at [jacqueline.fleming@talenergy.com](mailto:jacqueline.fleming@talenergy.com).

Very truly yours,

Jacqueline Fleming

Enclosure



**Environmental Information for Electricity offered by Talen Energy Marketing, LLC**  
**Period Shown: January 1, 2018 through December 30, 2018**

<b>Fuel Sources</b>	
Coal	23.95%
Oil	0.18%
Gas	25.99%
Nuclear	28.83%
Other	0.19%
Renewable Energy	
Water (Large Hydroelectric)	2.25%
Fuel Cells	0.02%
Biomass	0.00%
Geothermal	0.00%
Captured Methane Gas	7.32%
Solar	1.36%
Municipal Solid Waste	0.43%
Wind	9.48%
Renewable Energy Resources Subtotal	20.86%
<b>Total Supply Mix</b>	<b>100.00%</b>
<p>The values shown represent the PJM Interconnection average fuel mix associated with the generation of electricity supplied by Talen Energy Marketing, LLC and do not necessarily represent the specific load supplied to District of Columbia customers. Talen Energy Marketing, LLC is providing this Environmental Information for Electric Power Supply Service in accordance with the District of Columbia Public Service Commission's Order Nos. 13589, 13391 and 12765. Power plants can generate electricity from a number of different fuel sources, resulting in different emissions. Talen Energy Marketing, LLC reports fuel sources and emissions to customers twice annually, allowing customers to compare data among the companies providing electricity service to District of Columbia.</p>	
<b>Air Emissions</b>	
<b>Pounds Emitted per Megawatt-hour of Electricity Generated</b>	
Sulfur Dioxide (SO <sub>2</sub> )	0.70
Nitrogen Oxides (NO <sub>x</sub> )	0.53
Carbon Dioxide (CO <sub>2</sub> )	924.26
<p>The emission data given represents the amount of air pollution associated with the generation of electricity supplied by Talen Energy Marketing, LLC. Values shown represent actual data. These values approximate the emission rate for all electricity generation in the PJM region and do not necessarily represent the specific load supplied to District of Columbia customers.</p>	

\*PJM Interconnection is a regional transmission organization (RTO) that coordinates the movement of wholesale electricity in all parts of 13 states and the District of Columbia.