## BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of the Application of	)		
The Empire District Electric Company	-	)	Case No. EO-2018-0092
For Approval of its Customer Savings Plan	)		

## AFFIDAVIT OF JOHN A. ROBINETT

- 1. I am the same John A. Robinett who previously submitted Rebuttal and Surrebuttal testimony and an affidavit in opposition of the Non-unanimous Stipulation and Agreement ("S&A") on behalf of the Office of the Public Counsel ("OPC") in this case.
- 2. The Empire District Electric Company's ("Empire") hourly loads were provided to OPC in response to its data request 8557.
- 3. Empire also provided hourly wind generation for the Meridian Way and Elk River wind farms in response to data request 8557.
- 4. To get an understanding of how 855 MW of wind generation, which would be the total wind generation available to Empire if it builds the wind projects in the S&A, would compare to Empire's load, for each hour of the year I scaled up the sum of the hourly generation of the Meridian Way and Elk River wind farm energy provided by Empire by 855MW divided by 255 MW.
- 5. The attached graphs are the hourly loads and wind generation for the summer of 2016 and 2017 and winter peak load days for December 2015 February 2016 and December 2016 February 2017. Also attached are graphs of the hourly loads and generation for the spring/fall days with the Empire minimum loads for 2016 and 2017.

John A. Robinett

**Utility Engineering Specialist** 

Subscribed and sworn to me this 9<sup>th</sup> day of May 2018.

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JERENE A. BUCKMAN My Commission Expires August 23, 2021 Cole County Commission #13754037

Jerene A. Buckman Notary Public

My Commission expires August 23, 2021.















