Exhibit No: 677

Issues: Need, Benefits, Environmental Impacts

and Economic Feasibility

Witness: Michael Goggin

Sponsoring Party: Wind on the Wires &

The Wind Coalition

Type of Exhibit: Rebuttal Testimony

Case No: EA-2016-0358

Date Testimony Prepared: March 17, 2017

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

**FILED** April 4, 2017 **Data Center** In the Matter of the Application of Grain Belt ) Missouri Public Express Clean Line LLC for A Certificate of ) Service Commission Convenience and Necessity Authorizing it to Construct, Own, Operate, Control, Manage Case No. EA-2016-0358 and Maintain a High Voltage, Direct Current Transmission Line and an Associated Converter calitim Exhibit No. 677 Station Providing an Interconnection on the Date 3.23.17 Reporter T5 Maywood - Montgomery 345 kV File No. EA - 2016 - 0358 Transmission Line

## ERRATA SHEET FOR REBUTTAL TESTIMONY OF MICHAEL GOGGIN

COMES NOW Wind on the Wires and The Wind Coalition, for its first errata to the Rebuttal Testimony of Michael Goggin (Exhibit No. 675; EFIS Item No. 233), hereby submits the following corrections:

- On pages i and 29 (line 592) of Michael Goggin's Rebuttal Testimony the
  following heading should be corrected from "I. There are not Reasonable
  Alternatives to the GBE Project" to "I. There are no Reasonable Alternatives to
  the GBE Project."
- 2. On page 14 of Michael Goggin's Rebuttal Testimony footnote 18 should be corrected from:

arket/2016/2016q3-som-pim-sec12.pdf."

"18 Potomac Economics, "2015 State of the Market Report for the MISO Electricity Market", at 12, Table 2 (Nov. 10, 2016) available at <a href="http://www.monitoringanalytics.com/reports/PJM\_State\_of\_the\_M">http://www.monitoringanalytics.com/reports/PJM\_State\_of\_the\_M</a>

"18 Potomac Economics, "2015 State of the Market Report for the MISO Electricity Market", at 12, Table 2 (Nov. 10, 2016) available at <a href="https://www.misoenergy.org/Library/Repository/Report/IMM/2015%20State%20of%20the%20Market%20Report.pdf">https://www.misoenergy.org/Library/Repository/Report/IMM/2015%20State%20of%20the%20Market%20Report.pdf</a>."

- On page 14 of Michael Goggin's Rebuttal Testimony footnote 21 should be corrected from "21. *Id.* at 10" to "21. '2015 State of the Market Report for the MISO Electricity Market' at 10."
- 4. On page 31, lines 661-664 should be corrected from
  - "-- Because weather events move slowly across a large area, the variability of wind output decreases and the availability of wind resources for meeting peak electric demand increases as wind resources with different output profiles are aggregated.<sup>57</sup>"

to

- "Because weather events move slowly across a large area, the variability of wind output decreases and the availability of wind resources for meeting peak electric demand increases as wind resources with different output profiles are aggregated. 57"
- Michael Goggin's Rebuttal Testimony includes two sets of schedules MG-1 through MG-7. The second set of schedules MG-1 through MG-7 should be deleted.

WHEREFORE, Wind on the Wires and The Wind Coalition respectfully submit these corrections to the pre-filed Rebuttal Testimony of Michael Goggin. These corrections do not alter any of the opinions or positions espoused in said testimony.

Respectfully submitted,

/s/ Sean R. Brady

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## **CERTIFICATE OF SERVICE**

I hereby certify that a copy of the foregoing was served upon all parties of the service list in this case on March 17, 2017.

/s/ Sean R. Brady

Sean R. Brady

Attorney for Wind on the Wires and The Wind Coalition