

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

Anita Wessling,)	
Complainant,)	
)	
vs.)	Case No: EC-2018-0089
)	
Union Electric Company, d/b/a)	
Ameren Missouri,)	
Respondent.)	

Ameren Missouri’s Response to Notice Regarding Power Outage

COMES NOW Union Electric Company, d/b/a Ameren Missouri (“Ameren Missouri” or “the Company”) and for its Response to Motion Regarding Power Outage states as follows:

Procedural Background

1. On March 19, 2018, Complainant filed a Notice Regarding Power Outage (“Notice”).
2. On April 9, 2018, the Commission issued its Order Setting Second Partial Procedural Schedule and Notice of Conference, in which it ordered the Company to file a response to Complainant’s Notice, on or before April 13, 2018.

Response

3. In the Notice, Complainant reports having experienced an outage at approximately 8:10 a.m. on March 2, 2018. Complainant reports that “no adverse weather conditions were occurring in the area” at the time. The Notice does not state the duration of the outage.
4. The Company uses eADMS (electronic advanced distribution management system) to maintain a historical outage record for each of its customers. The Company has reviewed the eADMS historical outage record for Complainant’s service address and it does not contain any record of either a momentary or extended service interruption for Complainant on March 2, 2018.
5. The Company uses its SCADA (supervisory control and data acquisition) system to record (among other things) any momentary or extended outage occurring at each of its

substations, including the date and time of such outage. The SCADA data for its Droste Substation (which provides service to Complainant's service address) also does not reflect that any momentary or extended outage occurred at the Droste Substation on March 2, 2018.

6. To help reduce the number of extended outages arising from faults on feeders caused by momentary events such as tree or animal contact with a line, and to generally improve the reliability of Circuit 544-56 serving Complainant and other customers, the Company recently installed S&C Trip Saver reclosers at various locations on Circuit 544-56 including a Trip Saver upstream from Complainant's service address. When a fault condition occurs on a circuit at a point downstream from a Trip Saver recloser, the Trip Saver will trip and reclose twice and then will fall open if the fault has not cleared. Trip Savers have counters which record the number of times they operate. Because the eADMS historical outage record for Complainant did not reflect any March 2, 2018 outage, the Company conducted a field inspection of the Trip Saver upstream from Complainant to read its counter. The counter reflected that the device has operated (tripped) only one time since it was placed in-service on January 19, 2018. Although the counters do not have date stamps, the outage Complainant reports having experienced on March 2, 2018 could well have been when the Trip Saver operated. The Trip Saver appears to have operated correctly, reclosing the circuit after a momentary outage. If the circuit had remained open, the momentary outage would have become an extended outage for all customers downstream from the Trip Saver, and their service would have remained interrupted until restored by Ameren Missouri personnel. The eADMS for each customer downstream from the Trip Saver would have made a record of any such extended outage, as well, and there is none.

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CERTIFICATE OF SERVICE

The undersigned hereby certifies that a true and correct copy of the foregoing Ameren Missouri's Response to Notice Regarding Power Outage was served on the following parties via electronic mail (e-mail) on this 13th day of April, 2018.

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