

Exhibit No.:
Issues: Solar Load Adjustment
Witness: Michael L. Stahlman
Sponsoring Party: MO PSC Staff
Type of Exhibit: Surrebuttal Testimony
Case No.: ER-2014-0258
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MISSOURI PUBLIC SERVICE COMMISSION

REGULATORY REVIEW DIVISION

SURREBUTTAL TESTIMONY

OF

MICHAEL L. STAHLMAN

UNION ELECTRIC COMPANY d/b/a AMEREN MISSOURI

CASE NO. ER-2014-0258

*Jefferson City, Missouri
February 2015*

STAFF Exhibit No. 237
Date 2-23-15 Reporter KF
File No. ER-2014-0258

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

In the Matter of Union Electric Company)
d/b/a Ameren Missouri's Tariff to Increase)
Its Revenues for Electric Service)

Case No. ER-2014-0258

AFFIDAVIT OF MICHAEL L. STAHLMAN

STATE OF MISSOURI)
) ss
COUNTY OF COLE)

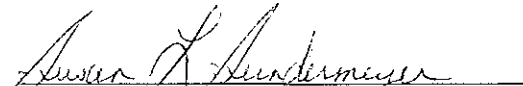
Michael L. Stahlman, of lawful age, on his oath states: that he has participated in the preparation of the following Surrebuttal Testimony in question and answer form, consisting of 2 pages of Surrebuttal Testimony to be presented in the above case, that the answers in the following Surrebuttal Testimony were given by him; that he has knowledge of the matters set forth in such answers; and that such matters are true to the best of his knowledge and belief.



Michael L. Stahlman

Subscribed and sworn to before me this 4th day of February, 2015.

SUSAN L. SUNDERMEYER Notary Public - Notary Seal State of Missouri Commissioned for Callaway County My Commission Expires: October 28, 2018 Commission Number: 14942086
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Notary Public

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SURREBUTTAL TESTIMONY

OF

MICHAEL L. STAHLMAN

UNION ELECTRIC COMPANY d/b/a AMEREN MISSOURI

CASE NO. ER-2014-0258

13 Q. Please state your name and business address.

14 A. My name is Michael L. Stahlman, and my business address is Missouri Public
15 Service Commission, P.O. Box 360, Jefferson City, Missouri, 65102.

16 Q. Are you the same Michael L. Stahlman that supported sections in Staff's
17 Revenue Requirement Cost of Service Report, Staff's Rate Design and Class Cost-of-Service
18 Report, and rebuttal testimony in this case?

19 A. Yes.

20 Q. What is the purpose of your testimony?

21 A. I will discuss the Ameren Missouri's change in capacity factor for the
22 proposed adjustment of load for solar installations as discussed in the Rebuttal Testimony of
23 Steven M. Wills.

Solar Load Adjustment

24 Q. What does Ameren Missouri propose to change in the calculation of the solar
25 load adjustment?

26 A. Ameren Missouri proposes to increase the solar capacity factor used due to an
27 update by the National Renewable Energy Laboratory's ("NREL") solar generation calculator
28 called PVWatts released in September 2014.

29 Q. Does Staff support this change?

Surrebuttal Testimony of
Michael L. Stahlman

1 A. Not at this time. Since the actual energy generated by the solar panels in
2 question is unavailable, Staff's approach in calculating the solar load adjustment is to keep the
3 adjustment consistent with Ameren Missouri's calculation of Solar Renewable Energy Credits
4 ("SRECs"). In response to Staff Data Request 0366.1, Ameren Missouri stated that a capacity
5 factor of 14.4%, which is the older capacity factor, was used to calculate all SRECs for the
6 solar panels installed during the test year. Staff would be amenable to the updated capacity
7 factor if it was also used to calculate the amount of SRECs for these solar panel installations.

8 Q. Are there other differences between Staff's and Ameren Missouri's
9 calculation?

10 A. Yes. Staff continues to support the adjustments made in its Staff's Revenue
11 Requirement Cost of Service Report which differ from Ameren Missouri's calculation in
12 three ways: the capacity factor, sales in excess of a customer's demand, and adjusting for
13 large classes. In rebuttal, Ameren Missouri updated the time period used for calculating the
14 solar load adjustment which resolves the main difference between Ameren Missouri's and
15 Staff's initial calculations.

16 Q. Does this conclude your surrebuttal testimony?

17 A. Yes it does.