Exhibit No.:

Issue: Fuel Adjustment Clause -

Voltage Adjustment Factors

Witness: Alan J. Bax

Sponsoring Party: MoPSC Staff
Type of Exhibit: Rebuttal Testimony

Case No.: ER-2016-0179

Date Testimony Prepared: January 20, 2017

MISSOURI PUBLIC SERVICE COMMISSION

COMMISSION STAFF DIVISION

OPERATIONAL ANALYSIS ENGINEERING ANALYSIS UNIT

REBUTTAL TESTIMONY

OF

ALAN J. BAX

UNION ELECTRIC COMPANY D/B/A/ AMEREN MISSOURI

CASE NO. ER-2016-0179

Jefferson City, Missouri January 2017

1		REBUTTAL TESTIMONY
2		OF
3		ALAN J. BAX
4 5		UNION ELECTRIC COMPANY D/B/A AMEREN MISSOURI
6		CASE NO. ER-2016-0179
7	Q.	Please state your name and business address.
8	A.	My name is Alan J. Bax and my business address is Missouri Public Service
9	Commission ("Commission"), P.O. Box 360, Jefferson City, MO 65102.	
10	Q.	What is your position at the Commission?
11	A.	I am a Utility Engineering Specialist III in the Engineering Analysis Unit,
12	Operational Analysis Department, Commission Staff Division.	
13	Q.	Are you the same Alan J. Bax that contributed to Staff's Revenue
14	Requiremen	t - Cost of Service Report ("COS Report") filed on December 9, 2016?
15	A.	Yes, I am.
16	Q.	What is the purpose of your rebuttal testimony?
17	A.	My rebuttal testimony responds to a recommendation made in the
18	Direct Testimony of Union Electric Company d/b/a/ Ameren Missouri ("Ameren Missouri")	
19	witness William R. Davis. On Page 34 of the exemplar Rider FAC tariff, attached to	
20	Mr. Davis's testimony as Schedule WRD-1, he lists three voltage adjustment factors	
21	("VAFs"), which he says will be used in determining Fuel Adjustment Rates ("FARs"). The	
22	three VAFs are identified as a secondary voltage service factor ("VAF _{sec} "), a primary voltage	
23	service facto	or ("VAF _{pri} "), and a transmission voltage service factor ("VAF _{trans} "). Staff has

17

A.

Yes.

concerns with these proposed VAFs, specifically, with the value that Mr. Davis proposes for 1 2 VAF_{trans}. 3 Does Mr. Davis include an explanation as to the reasoning behind the proposed Q. 4 value of VAF_{trans}? 5 A. No, Mr. Davis is proposing that VAF_{trans} be increased from .9917 to 1.0327 in 6 his exemplar FAC Rider tariff. However, Mr. Davis's testimony contains no information 7 detailing his reasoning behind this proposed revision. A spreadsheet in his work papers 8 indicates that the proposed value of 1.0327 contains an additive component of .035 that is not 9 included in the calculation of the current value of VAF_{trans}. Staff can find no reason to adjust 10 the VAFs with additional components of any amount. 11 Q. What is Staff's recommendation regarding this proposed value? Staff recommends that the Commission reject the proposed value of VAF_{trans} 12 A. 13 as suggested by Ameren Missouri witness William R. Davis in the schedule to his 14 direct testimony and accept Staff's transmission, primary and secondary voltage adjustment 15 factors included on page 151, lines 5-7, of Staff's COS Report. Does this conclude your rebuttal testimony? 16 Q.

BEFORE THE PUBLIC SERVICE COMMISSION

OF THE STATE OF MISSOURI

016-0179

COMES NOW ALAN J. BAX and on his oath declares that he is of sound mind and lawful age; that he contributed to the foregoing Rebuttal Testimony; and that the same is true and correct according to his best knowledge and belief.

Further the Affiant sayeth not.

JURAT

Subscribed and sworn before me, a duly constituted and authorized Notary Public, in and for the County of Cole, State of Missouri, at my office in Jefferson City, on this __/8 \bullet \text{day of January, 2017.}

D. SUZIE MANKIN
Notary Public - Notary Seal
State of Missouri
Commissioned for Cole County
My Commission Expires: December 12, 2020
Commission Number: 12412070

Notary Public