

Exhibit No.:
Issues: EV Charging
Witness: Byron Murray
Sponsoring Party: MO PSC Staff
Type of Exhibit: Rebuttal Testimony
Case No.: ER-2016-0179
Date Testimony Prepared: January 24, 2017

MISSOURI PUBLIC SERVICE COMMISSION
COMMISSION STAFF DIVISION
OPERATIONAL ANALYSIS DEPARTMENT
TARIFF/RATE DESIGN UNIT

REBUTTAL TESTIMONY

OF

BYRON M. MURRAY

UNION ELECTRIC COMPANY
d/b/a Ameren Missouri

CASE NO. ER-2016-0179

Jefferson City, Missouri
January 2017

1 **REBUTTAL TESTIMONY**

2 **OF**

3 **BYRON M. MURRAY**

4 **UNION ELECTRIC COMPANY**

5 **d/b/a Ameren Missouri**

6 **CASE NO. ER-2016-0179**

7 Q. Please state your name and business address.

8 A. Byron Murray, P.O. Box 360, Jefferson City, Missouri 65102.

9 Q. By whom are you employed and in what capacity?

10 A. I am a Regulatory Economist III in the Tariff/Rate Design Unit of the
11 Missouri Public Service Commission (“Commission”).

12 Q. Are you the same Byron Murray that previously filed testimony in Staff’s
13 Report Responding to Certain Commission Questions in this case?

14 A. Yes.

15 Q. What is the purpose of your rebuttal testimony?

16 A. The purpose of my testimony is to respond to the Direct Testimony of
17 Mr. Martin Hyman of the Division of Energy regarding Mr. Hyman’s concern that a
18 Plug-In Electric Vehicle Time of Use (PEV-TOU) rate for residential customers would
19 require a separate meter.

20 Q. On page 5 of Mr. Hyman’s direct testimony he mentions a space heating
21 tariff, does Ameren Missouri have a tariff specifically for space heating customers?

22 A. No. Ameren Missouri does not have any tariffs regarding a specific end
23 use. However, Kansas City Power & Light Company (“KCPL”) has a residential general

1 use tariff and a residential space heating or all-electric tariff. KCPL also has a separately
2 metered residential space heating tariff, which is frozen to any new customers.

3 Q. Mr. Hyman implies in his testimony that a PEV-TOU rate would require that
4 Electric Vehicle Charging Station EVCS charging be separately metered.¹ Is this
5 accurate?

6 A. No, a separate meter is not required in order to offer a PEV-TOU rate. For
7 example, KCPL's all-electric tariff is for customers whose electric usage, space heating
8 and other end uses are served on one meter. Staff's recommendation that Ameren
9 Missouri design a residential PEV-TOU tariff in addition to Ameren Missouri's current
10 TOU tariff is similar to the KCPL example in that KCPL has a tariff for its all-electric
11 residential customers.

12 Q. Does this conclude your testimony?

13 A. Yes it does.

¹ Direct Testimony of Martin Hyman, Division of Energy, Case No. ER-2016-0179, Page 6, Lines 4 - 7

BEFORE THE PUBLIC SERVICE COMMISSION

OF THE STATE OF MISSOURI

In the Matter of Union Electric Company)
d/b/a Ameren Missouri's Tariffs to Increase)
Its Revenues for Electric Service) Case No. ER-2016-0179

AFFIDAVIT OF BYRON M. MURRAY

STATE OF MISSOURI)
) ss.
COUNTY OF COLE)

COMES NOW BYRON M. MURRAY 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.


BYRON M. MURRAY

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 23rd 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