

*Exhibit No.:*  
*Issue(s):* Revenue,  
Billing Determinants  
*Witness:* Joseph P. Roling  
*Sponsoring Party:* MoPSC Staff  
*Type of Exhibit:* Direct Testimony  
*Case Nos.:* ER-2022-0129 and  
ER-2022-0130  
*Date Testimony Prepared:* June 8, 2022

**MISSOURI PUBLIC SERVICE COMMISSION**  
**FINANCIAL AND BUSINESS ANALYSIS DIVISION**

**DIRECT TESTIMONY**  
**OF**  
**JOSEPH P. ROLING**

**Evergy Metro, Inc. d/b/a Evergy Missouri Metro**  
**Case No. ER-2022-0129**

**Evergy Missouri West, Inc. d/b/a Evergy Missouri West**  
**Case No. ER-2022-0130**

*Jefferson City, Missouri*  
*June 2022*



1 **LIGHTING REVENUES AND BILLING DETERMINANTS**

2 Q. What are billing determinants?

3 A. For lighting classes, billing determinants are what a revenue requirement is  
4 divided by to produce rates. Billing determinants are the combination of components to which  
5 rates are applied to calculate the customer's bill. Examples of billing determinants used for the  
6 metered lighting rate classes are: customer charge and energy usage.

7 Q. What process was used to estimate test period revenues and billing  
8 determinants by lighting rate schedule?

9 A. EMM and EMW provided the billing determinants by class, rate code and then  
10 item number, which is the identifier for each charge type within a lighting class. For the test  
11 year, I calculated revenues for each lighting class and each item number. This was done by  
12 multiplying the units provided for each lighting item number by the verified tariff rate to come  
13 up with a monthly revenue for each rate code & item number. The summation of the monthly  
14 revenues provides the total annual revenue for each lighting rate code.

15 Staff updated test-year lighting revenues by making adjustments to reflect the change in usage  
16 through the 12-months ending December 31, 2021 for lighting rate schedule revenues.  
17 The update period revenue adjustment is calculated by subtracting test year revenue from the  
18 update period revenue.

19 For EMM, in addition to making the change in usage through the update period, Staff  
20 incorporated data where usage was missing in June 2021 for three Lighting Items (C16C, C16T,  
21 and S16S). To determine the appropriate values, I averaged the values for the twelve months of  
22 usage from July 1, 2020 through June 30, 2021 so that all item numbers had twelve months  
23 of usage.

1 Q. Did you adjust the lighting usage for weather-sensitivity?

2 A. No. The lighting class is not considered to be weather sensitive.

3 The determinants for both the metered and non-metered lighting classes remain are relatively  
4 consistent regardless of weather.

5 **CONCLUSION**

6 Q. What is your recommendation concerning lighting revenues and  
7 billing determinants?

8 A. I recommend the Commission rely upon the level of lighting class revenues  
9 and determinants I have provided for incorporation into Staff's revenue requirement and  
10 rate design.

11 Q. Does this conclude your rebuttal testimony?

12 A. Yes.

BEFORE THE PUBLIC SERVICE COMMISSION

OF THE STATE OF MISSOURI

In the Matter of Evergy Metro, Inc. d/b/a Evergy )  
Missouri Metro's Request for Authority to ) Case No. ER-2022-0129  
Implement a General Rate Increase for Electric )  
Service )

In the Matter of Evergy Missouri West, Inc. )  
d/b/a Evergy Missouri West's Request for ) Case No. ER-2022-0130  
Authority to Implement a General Rate )  
Increase for Electric Service )

**AFFIDAVIT OF JOSEPH P. ROLING**

STATE OF MISSOURI )  
 ) ss.  
COUNTY OF COLE )

COMES NOW JOSEPH P. ROLING and on his oath declares that he is of sound mind and lawful age; that he contributed to the foregoing *Direct Testimony of Joseph P. Roling*; and that the same is true and correct according to his best knowledge and belief.

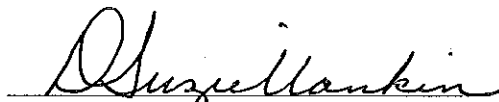
Further the Affiant sayeth not.

  
\_\_\_\_\_  
JOSEPH P. ROLING

**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 6<sup>th</sup> day of June 2022.

D. SUZIE MANKIN  
Notary Public - Notary Seal  
State of Missouri  
Commissioned for Cole County  
My Commission Expires: April 04, 2025  
Commission Number: 12412070

  
\_\_\_\_\_  
Notary Public

## **Joseph P Roling**

### **Present Position:**

I am a Regulatory Economist in the Tariff and Rate Design Unit, Operational Analysis Department, Commission Staff Division, of the Missouri Public Service Commission. I have been employed by the Missouri Public Service Commission since March of 2016.

### **Educational Background and Work Experience:**

I have a Bachelor of Science degree in Business Administration, Finance & Banking with a minor in Economics from the University of Missouri – Columbia in 1991, and a Master of Business Administration from Lincoln University in 1995. Prior to joining the Commission, I was employed in the Financial Service Industry.

Additionally, I completed Financial Planning Certificate Program from Bryant University in October, 2015.

### **Regulatory Training while at PSC:**

5/19/16 – Carbon Markets 101 – Keys to Effective Design & Management

6/27/16 – Evaluation, Measurement & Verification (EM&V) for Energy Efficiency

6/29/16 – Long Term Gas Hedging Why and How

7/2/16 – Setting Baselines for Planning & Evaluation of Efficiency Programs EMV

8/25/16 - Leveraging Power Markets to Achieve a Reliable, Least-Cost Transition to a Low-Carbon Power System Regulatory Assistance Project

9/21/16 – FRI Symposium Attendance - “Managing the Triple Threat to Public Utility Profitability: Safety, Reliability & Affordability.”

10/13/16 - Gas Efficiency Programs – What does it take to pass cost-effectiveness tests?

11/3/16 - More is Less - Environmentally Beneficial Electrification

**(cont'd )Regulatory Training while at PSC:**

01-17-17 Harness the Momentum of Power Sector Transformation - Regulatory Assistance Project (RAP) Webinar

01-25-17 New Study on Demand Charge Savings from Residential Solar – Electric Markets & Policy Group, Lawrence Berkeley National Laboratory.

01-31-17 Energy Efficiency - Consistency and Coordination of Energy Efficiency EM&V and Reporting

02-21-17 Assessment of Benefits Derived from Improved Reliability & Resiliency in Utility-owned Microgrid

03-01-17 Flexible & Customizable – Designing Decoupling for your State Regulatory Assistance Project

03-23-17 Part 1 Lessons Learned from Energy Efficiency Programs

03-30-17 Part 2 Lessons Learned from Energy Efficiency Programs

11-17-17 MISO 101 Overview for MPSC

02-06-18 One Size Does Not Fit All – Complexities, Use Case, Trends in Energy Storage

02-13-18 Clean Energy States Alliance-State of the US Energy Storage Industry 2017 Year on Review

05-02-18 Income Trends of Residential Solar Adopters

**Previous filed Testimony of Joseph P. Roling**

<b>Case No.</b>	<b>Company</b>	<b>Type of Filing</b>	<b>Issue</b>
ER-2019-0375	Kansas City Power & Light Company	Staff Recommendation	MEEIA
ER-2019-0397	KCPL Greater Missouri Operations Company	Staff Recommendation	MEEIA
GR-2019-0077	Ameren Missouri	Cost of Service Report	Revenues
EC-2018-0066	Ameren Missouri	Tariff Investigation Report	Customer Complaint
EC-2018-0097	Ameren Missouri	Tariff Investigation Report	Customer Complaint
GR-2018-0013	Liberty Utilities	Cost of Service Report	Revenues
GR-2021-0108	Spire Missouri, Inc., d/b/a Spire	Cost of Service Report	Revenues
GC-2017-0348	Spire Missouri, Inc., d/b/a Spire (Laclede Gas Company and Missouri Gas Energy)	Tariff Investigation Report	Customer Complaint
GR-2017-0215 and GR-2017-0216	Spire Missouri, Inc., d/b/a Spire (Laclede Gas Company and Missouri Gas Energy)	Cost of Service Report	Revenues
ER-2016-0179	Ameren Missouri	Cost of Service / Revenue	Revenues



<b>Case No.</b>	<b>Company</b>	<b>Type of Filing</b>	<b>Issue</b>
		Requirement Report	
HO-2017-0211	Veolia Energy Kansas City, Inc.-(Steam/Heat)	Staff Recommendation	PACC Filing
ER-2019-0335	Ameren Missouri	Lighting Revenue	Revenues
ER-2019-0374	Liberty (Empire)-Investor(Electric)	Low Income Pilot Information	Revenues
ER-2021-0240	Ameren Missouri	Large Primary Service Revenue	Revenues
GA-2019-0210	Spire Missouri, Inc.-Investor(Gas) Spire-Investor(Gas)	Staff Recommendation	CCN Expansion
GA-2019-0214	Spire Missouri, Inc.-Investor(Gas) Spire-Investor(Gas)	Staff Recommendation	CCN Expansion
ER-2020-0154	Evergy Metro, Inc.-Investor(Electric) Evergy Missouri Metro-Investor(Electric)	Staff Recommendation	MEEIA
ER-2020-0388	Evergy Metro, Inc.-Investor(Electric) Evergy Missouri Metro-Investor(Electric)	Staff Recommendation	MEEIA
ET-2020-0133	Evergy Metro, Inc.-Investor(Electric) Evergy Missouri Metro-Investor(Electric) Evergy Missouri West, Inc.-Investor(Electric) Evergy Missouri West-Investor(Electric)	Staff Recommendation	Request for a variance from the Commission's billing and payment standards

<b>Case No.</b>	<b>Company</b>	<b>Type of Filing</b>	<b>Issue</b>
GA-2020-0235	Spire Missouri, Inc.- Investor(Gas) Spire-Investor(Gas)	Staff Recommendation	CCN Expansion
GO-2020-0182	Spire Missouri, Inc.- Investor(Gas) Spire-Investor(Gas)	Staff Investigation	Investigation into the Customer Service and Billing Recordkeeping Practices of Spire Missouri, Inc. d/b/a Spire
GA-2021-0010	Spire Missouri, Inc.- Investor(Gas) Spire-Investor(Gas)	Staff Recommendation	CCN Expansion
GO-2021-0126	Spire Missouri, Inc.- Investor(Gas)	Staff Recommendation	Rejection of Spire Missouri Inc.'s Application to Establish an On-Bill Financing Program and Cost Recovery Mechanism
ET-2021-0020	Ameren Missouri	Staff Recommendation	Efficient Electrification Program
ER-2021-0312	Empire District Electric Company, The- Investor(Electric) Liberty (Empire)- Investor(Electric)	Cost of Service Report	Revenues