

MISSOURI PUBLIC SERVICE COMMISSION

STAFF RECOMMENDATION

SCHEDULE 6

Staff Credentials

EVERGY MISSOURI WEST

CASE NO. EA-2024-0292

*Jefferson City, Missouri
March 2025*

STAFF RECOMMENDATION
EVERGY MISSOURI WEST
CASE NO. EA-2024-0292
SCHEDULE 6
STAFF CREDENTIALS

Amanda Arandia	1
Amanda C. Conner	3
Donald A. Fontana, PE	7
Marina Gonzales	8
Randall T. Jennings	9
Sarah L.K. Lange	11
Shawn E. Lange, PE	19
J Luebbert	24
Hari K. Poudel, PhD	27
Justin Tevie	29
Seoung Joun Won, PhD	31

AMANDA ARANDIA

Present Position:

I am an Associate Engineer in the Engineering Analysis Department, of the Industry Analysis Division of the Missouri Public Service Commission.

Educational Background and Work Experience:

I received my Bachelor of Science in Chemical Engineering from the University of Missouri in 2012. I was employed by the Missouri Department of Natural Resources as an Environmental Engineer from 2015 through 2018. I have been employed by the Commission since 2018.

Case History:

Case Number	Utility	Type	Issue
EC-2020-0252	Evergy West	Electric	Formal Complaint
EO-2019-0315	KCPL	Electric	RES Compliance Report
EO-2019-0317	KCPL	Electric	RES Compliance Plan
EO-2019-0396	City of Gallatin	Electric	Addendum to Territorial Agreement
EO-2020-0060	Farmers' Electric	Electric	Territorial Agreement
EO-2020-0329	Evergy Metro	Electric	RES Compliance
EO-2020-0331	Evergy Metro	Electric	RES Compliance
EO-2020-0341	Evergy Metro	Electric	Vegetation Management Report
EO-2020-0342	Evergy West	Electric	Vegetation Management Report
EO-2021-0001	Empire	Electric	Reliability Compliance Report
ET-2021-0082	Ameren	Electric	Surge Protection Program
SA-2019-0161	United Services	Sewer	Depreciation
SR-2019-0157	S.K.&M.	Sewer	Depreciation
EA-2020-0371	Ameren	Electric	CCN Application Requirements
EO-2021-0163	SEMO	Electric	Change of Supplier
EO-2021-0345	Evergy Metro	Electric	RES Compliance
EO-2021-0346	Evergy West	Electric	RES Compliance
EO-2021-0347	Evergy Metro	Electric	RES Compliance
EO-2021-0348	Evergy West	Electric	RES Compliance
SA-2022-0014	Elm Hills	Sewer	Depreciation

Case Number	Utility	Type	Issue
SA-2022-0029	Mid Mo Sanitation	Sewer	Depreciation
EE-2022-0074	Ameren	Electric	Variance Request
WA-2021-0391/SA-2021-0392	Missouri American Water	Water/Sewer	Depreciation
WA-2022-0049	Missouri American Water	Water/Sewer	Depreciation
ER-2021-0240	Ameren	Electric	Rate Case
ER-2021-0312	Empire	Electric	Rate Case
ER-2022-0129	Evergy	Electric	Rate Case – Green Pricing Plan
WA-2023-0003	Confluence Rivers	Water/Sewer	Depreciation
GR-2022-0179	Spire	Gas	Depreciation
EA-2022-0244	Ameren	Electric	Renewable Energy
WR-2022-0303	Missouri American Water	Water/Sewer	Depreciation
ER-2022-0337	Ameren	Electric	Solar Rebate Tariff, Landfill and Solar In-Service Criteria
ET-2023-0197	Empire	Electric	Solar Rebate Tariff
EO-2023-0361	Evergy Metro	Electric	RES Compliance
EO-2023-0362	Evergy West	Electric	RES Compliance
WR-2023-0344	Raytown	Water	Depreciation
EE-2024-0007	Ameren	Electric	Variance
EO-2024-0301	Evergy Metro	Electric	RES Compliance Report
EO-2024-0299	Evergy Metro	Electric	RES Compliance Plan
GR-2024-0106	Liberty Midstates	Gas	Depreciation
SR-2024-0306	TBJ Sewer	Sewer	Depreciation
ER-2024-0189	Evergy West	Electric	Depreciation, Continuing Property Record, Steam Allocations
WR-2024-0104	Liberty Water	Water	Depreciation
ER-2024-0319	Ameren	Electric	Depreciation
EO-2025-0040	Evergy	Electric	Depreciation Accounting Order

AMANDA C. CONNER

Educational Background and Work Experience of Amanda C. Conner

My educational background includes a Bachelor of Science degree in Accounting/Finance from Columbia College in Columbia, Missouri where I graduated in May of 2012.

In February 2016, I started a new career as a Utility Regulatory Auditor I with the Missouri Office of Public Counsel, where I worked for five years providing support and testimony for several rate cases before accepting my position as Regulatory Auditor with the Energy Resources Department of the Missouri Public Service Commission. Since that point, my experience includes Fuel Adjustment Clause Prudence Reviews, Missouri Energy Efficiency Investment Act Prudence Reviews, and Fuel Adjustment Rate filings.

My prior work experience includes eight years with the Missouri Department of Revenue first in the Taxation Division, and then in the General Counsel’s Office where I handled taxation issues regarding Bankruptcy.

Case Participation

The following is a listing of cases before the Commission in which I provided testimony, Staff recommendation or significant analysis:

Date Filed in EFIS	Case Number	Company Name – Type of Case	Contribution
01-10-23 01-24-23 02-15-23 03-13-23 03-24-23	ER-2022-0337	Union Electric Company, d/b/a Ameren Missouri - General Rate Case	COS Direct CCOS Direct Rebuttal Surrebuttal/True-Up Direct True-Up Rebuttal
06-22-22 07-13-22 08-16-22 08-25-22	EO-2022-0130	Evergy Missouri West, Inc., d/b/a Evergy Missouri West (prior GMO) - General Rate Case	COS Direct Rebuttal Surrebuttal/True-Up Direct True-Up Rebuttal
06-08-22 06-22-22 07-13-22 08-16-22 08-25-22	EO-2022-0129	Evergy Metro, Inc., d/b/a Evergy Missouri Metro (prior KCPL) - General Rate Case	COS Direct CCOS Direct Rebuttal Surrebuttal/True-Up Direct True-Up Rebuttal

Reports Participation

The following is a listing of cases before the Commission in which I provided testimony, Staff recommendation or significant analysis:

Date Filed in EFIS	Case Number	Company Name – Type of Case	Contribution
2-28-24	EO-2024-0053	Union Electric Company, d/b/a Ameren Missouri - FAC Prudence Review (10TH)	Staff Report (Recommendation)
2-27-24	EO-2023-0408	Evergy Missouri West, Inc., d/b/a Evergy Missouri West (prior GMO) - MEEIA Cycle 3 Prudence Review (2nd)	Direct Testimony
10-27-23 2-27-24	EO-2023-0407	Evergy Metro, Inc., d/b/a Evergy Missouri Metro (prior KCPL) - MEEIA Cycle 3 Prudence Review (2nd)	Staff Report (Recommendation) Direct Testimony
04-28-23	EO-2023-0180	Union Electric Company, d/b/a Ameren Missouri - MEEIA Cycle 3 Prudence Review (2nd)	Staff Report (Recommendation)
04-28-23	ER-2023-0338	Union Electric Company, d/b/a Ameren Missouri - FAR Filing – 3rd Revised (41st AP)	Staff Report (Recommendation)
04-28-23	EO-2023-0340	Union Electric Company, d/b/a Ameren Missouri - FAC True-Up Filing – (39th AP)	Staff Report (Recommendation)
2-28-23	EO-2023-0087	The Empire District Electric Company d/b/a Liberty - FAC Prudence Review (10 th)	Staff Report (Recommendation)
12-31-22	EO-2023-0276	Evergy Metro, Inc., d/b/a Evergy Missouri Metro (prior KCPL) - FAC Prudence Review (5 th)	Staff Report (Recommendation)
12-31-22	EO-2023-0277	Evergy Missouri West, Inc., d/b/a Evergy Missouri West (prior GMO) - FAC Prudence Review (11th)	Staff Report (Recommendation)

Date Filed in EFIS	Case Number	Company Name – Type of Case	Contribution
8-31-22	EO-2022-0236	Union Electric Company, d/b/a Ameren Missouri - FAC Prudence Review (9th)	Staff Report (Recommendation)
08-22-22	ER-2023-0031	Union Electric Company, d/b/a Ameren Missouri - FAR Filing – 1st Revised (40th AP)	Staff Report (Recommendation)
08-22-22	EO-2023-0032	Union Electric Company, d/b/a Ameren Missouri - FAC True-Up Filing – (37th AP)	Staff Report (Recommendation)
02-28-22	EO-2022-0064	Evergy Metro, Inc., d/b/a Evergy Missouri Metro (prior KCPL) - FAC Prudence Review (4th)	Staff Report (Recommendation)
02-28-22	EO-2022-0065	Evergy Missouri West, Inc., d/b/a Evergy Missouri West (prior GMO) - FAC Prudence Review (10th)	Staff Report (Recommendation)
10-28-21	EO-2021-0417	Evergy Metro, Inc., d/b/a Evergy Missouri Metro (prior KCPL) - MEEIA Prudence Review (3rd)	Staff Report (Recommendation)
?	ER-2021-0097	Empire - FAR Filing - 9th Revised (24th AP)	Staff Report

WHILE EMPLOYED WITH THE OFFICE OF THE PUBLIC COUNSEL

Date Filed in EFIS	Case Number	Company Name – Type of Case	Contribution
05-12-21 06-17-21	GR-2021-0108	Spire - General Rate Case	Direct Rebuttal
01-15-20 03-03-20 03-27-20 05-06-20	ER-2019-0374	Empire - General Rate Case	Direct Rebuttal Surrebuttal/True-Up Direct Testified to Commission Questions

Date Filed in EFIS	Case Number	Company Name – Type of Case	Contribution
06-19-18 07-27-18 09-04-18	ER-2018-0145	Kansas City Power & Light Company - General Rate Case	Direct Rebuttal Surrebuttal/True-Up Direct
06-19-18 07-27-18 09-04-18	ER-2018-0146	GMO- General Rate Case	Direct Rebuttal Surrebuttal/True-Up Direct
03-02-18 04-13-18 05-09-18	GR-2018-0013	LIBERTY- General Rate Case	Direct Rebuttal Surrebuttal
11-30-17 01-17-18 02-09-18	WR-2017-0285	Missouri-American Water Company - General Rate Case	Direct Rebuttal Surrebuttal
09-08-17 10-17-17 11-21-17 12-8-17 12-13-17	GR-2017-0216	Missouri Gas Energy- General Rate Case	Direct Rebuttal Surrebuttal Testified at Hearing Testified at Hearing
09-08-17 10-17-17 11-21-17 12-8-17 12-13-17	GR-2017-0215	Laclede Gas Company- General Rate Case	Direct Rebuttal Surrebuttal Testified at Hearing Testified at Hearing
11-30-16 01-27-17	ER-2016-0285	Kansas City Power & Light Company- General Rate Case	Direct Surrebuttal
04-01-16 05-16-16	ER-2016-0023	Empire- General Rate Case	Direct Surrebuttal

DONALD A. FONTANA, PE

Current Position:

I am a Senior Professional Engineer in the Engineering Analysis Department – Industry Analysis Division of the Missouri Public Service Commission.

Educational Background and Work Experience:

I received a Bachelor of Science degree in Civil Engineering from the University of Missouri – Columbia in 1998.

I was employed as a consultant Designer (Engineer-In-Training) by Central Missouri Professional Services from June 1998 through May 2003. My primary job duties were design of sanitary sewer mains and on-site treatment systems; commercial site plan design; County road upgrade design (all under Professional Engineer supervision); and, easement description writing and review; ALTA survey drafting and description writing; subdivision drafting and legal description writing; and, Land Survey drafting and legal description writing (all under Registered Surveyor supervision).

I was next employed as a Design Engineer and Project Manager by the Missouri Department of Conservation from May 2003 to March 2007. I obtained licensure in Missouri as a Professional Engineer in 2004 (License Number 2004017168). My primary job duties were design of warm-water fish hatchery and cold-water fish hatchery upgrades; design of boat ramps; design of sanitary sewer systems for Regional Office buildings; and, project management.

I was next employed by the City of Jefferson City, Missouri – Department of Public Works from March 2007 to November 2024, as the City’s Stormwater Engineer and Floodplain Administrator. My primary job duties were stormwater system design and some project management; management of all Storm Water Management Program Plan components for compliance with the City’s Municipal Separate Stormwater System (MS4) permit which was mandated by the USEPA and administered by the Missouri Department of Natural Resources (MDNR); managed and maintained compliance with the City’s MDNR Land Disturbance permit; managed and maintained compliance with the Jefferson City Regional Airport’s MDNR General Discharge permit; managed all aspects of the City’s Floodplain Development program and maintained compliance with the National Flood Insurance Program (NFIP) participating community requirements; including, Floodplain Development permit application review; Floodplain Development permit approval / denial; City Flood Code enforcement; and assisted with Plan Review pertaining to the City’s MS4 permit, MDNR Land Disturbance permit, and Floodplain Development program compliance. Other duties involved fielding and responding to stormwater, flooding, and, erosion complaints from the public, and working with them to achieve a solution that was satisfactory to them.

I have been employed as a staff member with the Missouri Public Service Commission from December 2024 through the present (currently March 2025). To date, I have provided no testimony before the Missouri Public Service Commission.

Credentials and Background of

MARINA GONZALES

I have a Master's of Science in Environmental and Natural Resource Economics from the University of Rhode Island. Additionally, I hold a Bachelor's of Science in Business Administration with a concentration in Economics from the University of Central Missouri. My work experience prior to becoming a member of the Missouri Public Service Commission Staff includes two years as an Energy Analyst at Missouri's Department of Natural Resources- Division of Energy, as well as one year as an Economic Development Specialist at Missouri's Department of Economic Development.

I am currently employed as a Data Analyst in the Tariff/Rate Design Department of the Industry Analysis Division of the Missouri Public Service Commission Staff. I have been employed at the Missouri Public Service Commission since October 2023 and am responsible for preparing staff recommendations and ensuring that Staff presents recommendations in a neutral, independent manner to inform the Commission of Staff's position and possible alternatives.

Case Number	Company	Issues
ER-2024-0112	Ameren Missouri	RESRAM Rate Adjustment
ER-2024-0187	Ameren Missouri	MEEIA EEIC Rider Adjustment
GR-2024-0106	Liberty Midstates	General Rate Increase
GO-2024-0180	Spire Missouri	Carbon Offset Initiative
ER-2024-0319	Ameren Missouri	General Rate Increase
ER-2024-0189	Evergy West	General Rate Increase
EO-2025-0046	Liberty	DSIM Rider Rate Adjustment
EO-2023-0136	Ameren Missouri	MEEIA Regulatory Changes
ER-2024-0261	Empire Electric	General Rate Increase
EA-2024-0292	Evergy West	Solar CCN and Green Solutions Connection Program
EO-2025-0154	Evergy	New and Modified LLPS Tariffs

RANDALL T. JENNINGS

Present Position:

I began employment with the Missouri Public Service Commission in October 2021 as a Utility Regulatory Auditor and was later promoted to the position of Senior Utility Regulatory Auditor; both in the Financial Analysis Department of the Financial and Business Analysis Division. I currently hold the title of Research and Data Analyst in the Tariff and Rate Design Department of the Industry Analysis Division and have held this position since July 2024.

Educational Background and Work Experience:

I earned a Bachelor of Science degree in Business Administration from Drury University in Springfield, MO. I was previously employed as a Regulatory Auditor and Supervisor with the Missouri Division of Professional Registration for 11 years and prior to that as an Investigator for the Missouri Attorney General for 8 years.

Case Participation:

<u>Company Name</u>	<u>Case Number</u>	<u>Case Type / Type of Testimony or Filing</u>	<u>Utility</u>
The Raytown Water Company	WF-2021-0427	Finance – Staff Memorandum	Water
Evergy Missouri West, Inc., d/b/a Evergy Missouri West	EF-2022-0103	Finance – Staff Memorandum	Electric
Summit Natural Gas of Missouri, Inc.	GR-2022-0122	Tariff Revision – Rebuttal & Surrebuttal Testimony	Gas
Missouri American Water Company	WF-2022-0161	Finance – Staff Memorandum	Water
Union Electric Company, d/b/a Ameren Missouri	EF-2022-0164	Finance – Staff Memorandum Financing Compliance – Staff Memorandum	Electric
Spire Missouri Inc.	GF-2022-0169	Finance – Staff Memorandum	Gas
Summit Natural Gas of Missouri, Inc.	GF-2022-0216	Finance – Staff Memorandum	Gas
S.K. & M. Water and Sewer Company	SR-2022-0239 WR-2022-0240	Rate Case – Staff Memorandum	Water
Missouri American Water Company	WR-2022-0303	Rate Case – Direct, Rebuttal & Surrebuttal Testimony	Water
Argyle Estates Water Supply	WR-2022-0345	Rate Case – Staff Memorandum	Water
Liberty Utilities (Midstates Natural Gas) Corp., d/b/a Liberty	GF-2023-0280	Finance – Staff Memorandum	Gas
The Raytown Water Company	WR-2023-0344	Rate Case – Direct, Rebuttal & Surrebuttal Testimony	Water
Evergy Metro Inc., d/b/a Evergy Missouri Metro	EF-2023-0425	Finance – Staff Memorandum	Electric

<u>Company Name</u>	<u>Case Number</u>	<u>Case Type / Type of Testimony or Filing</u>	<u>Utility</u>
Union Electric Company, d/b/a Ameren Missouri	EO-2023-0448	Nuclear Decommissioning – Rebuttal & Surrebuttal Testimony	Electric
Evergy Missouri West, Inc., d/b/a Evergy Missouri West	ER-2024-0189	RESRAM Prudence – Staff Memorandum	Electric
Union Electric Company, d/b/a Ameren Missouri	ER-2024-0319	RESRAM Prudence – Staff Memorandum	Electric
Holtgrewe Farms Water Company, LLC	SR-2024-0344 WR-2024-0343	Rate Case – Staff Memorandum	Sewer Water
Missouri American Water Company	WF-2024-0353	Finance – Staff Memorandum	Water
Union Electric Company, d/b/a Ameren Missouri	ER-2025-0119	RESRAM Adjustment Mechanism – Memorandum	Electric
Evergy Missouri West, Inc., d/b/a Evergy Missouri West	ET-2025-0121	RESRAM Tariff Sheet – Memorandum	Electric
Evergy Missouri Metro, Inc., d/b/a Evergy Missouri Metro	EO-2025-0173	RESRAM Tariff Sheet – Memorandum	Electric
Evergy Missouri West, Inc., d/b/a Evergy Missouri West	EO-2025-0174	DSIM Rider Rate Tariff Sheet – Memorandum	Electric

SARAH L.K. LANGE

I received my J.D. from the University of Missouri, Columbia, in 2007, and am licensed to practice law in the State of Missouri. I received my B.S. in Historic Preservation from Southeast Missouri State University, and took courses in architecture and literature at Drury University. Since beginning my employment with the MoPSC I have taken courses in economics through Columbia College and courses in energy transmission through Bismarck State College, and have attended various trainings and seminars, indicated below.

I began my employment with the Commission in May 2006 as an intern in what was then known as the General Counsel’s Office. I was hired as a Legal Counsel in September 2007, and was promoted to Associate Counsel in 2009, and Senior Counsel in 2011. During that time my duties consisted of leading major rate case litigation and settlement, and presenting Staff’s position to the Commission, and providing legal advice and assistance primarily in the areas of depreciation, cost of service, class cost of service, rate design, tariff issues, resource planning, accounting authority orders, construction audits, rulemakings and workshops, fuel adjustment clauses, document management and retention, and customer complaints.

In July 2013 I was hired as a Regulatory Economist III in what is now known as the Tariff / Rate Design Department. In this position my duties include providing analysis and recommendations in the areas of RTO and ISO transmission, rate design, class cost of service, tariff compliance and design, and regulatory adjustment mechanisms and tariff design. I also continue to provide legal advice and assistance regarding generating station and environmental control construction audits and electric utility regulatory depreciation. I have also participated before the Commission under the name Sarah L. Kliethermes.

Presentations

Midwest Energy Policy Series – Impact of ToU Rates on Energy Efficiency
(August 14, 2020)

Billing Determinants Lunch and Learn (March 27, 2019)

Cont'd Sarah L.K. Lange

Support for Low Income and Income Eligible Customers, Cost-Reflective Tariff Training, in cooperation with U.S.A.I.D. and NARUC, Addis Ababa, Ethiopia (February 23-26 2016)

Fundamentals of Ratemaking at the MoPSC (October 8, 2014)

Ratemaking Basics (September 14, 2012)

Participant in Missouri's Comprehensive Statewide Energy Plan working group on Energy Pricing and Rate Setting Processes.

Relevant Trainings and Seminars

Regional Training on Integrated Distribution System Planning for Midwest/MISO Region (October 13-15, 2020)

"Fundamentals of Utility Law" Scott Hempling lecture series (January – April, 2019)

Today's U.S. Electric Power Industry, the Smart Grid, ISO Markets & Wholesale Power Transactions (July 29-30, 2014)

MISO Markets & Settlements training for OMS and ERSC Commissioners & Staff (January 27–28, 2014)

Validating Settlement Charges in New SPP Integrated Marketplace (July 22, 2013)

PSC Transmission Training (May 14 – 16, 2013)

Grid School (March 4–7, 2013)

Specialized Technical Training - Electric Transmission (April 18–19, 2012)

The New Energy Markets: Technologies, Differentials and Dependencies (June 16, 2011)

Mid-American Regulatory Conference Annual Meeting (June 5–8, 2011)

Renewable Energy Finance Forum (Sept. 29–Oct 3, 2010)

Utility Basics (Oct. 14–19, 2007)

Testimony and Staff Memoranda

<u>Company</u>	<u>Case No.</u>
Evergy Missouri West, Inc. d/b/a Evergy Missouri West In the Matter of the Application of Evergy Missouri West, Inc. d/b/a Evergy Missouri West for Permission and Approval of Certificates of Public Convenience and Necessity Authorizing It to Construct, Install, Own, Operate, Manage, Maintain and Control Two Solar Generation Facilities.	EA-2024-0292
Union Electric Company d/b/a Ameren Missouri In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Adjust its Revenues for Electric Service.	ER-2024-0319
Evergy Missouri West, Inc. d/b/a Evergy Missouri West In the Matter of Evergy Missouri West, Inc. dba Evergy Missouri West's Request for Authority to Implement a General Rate Increase for Electric Service.	ER-2024-0189
Evergy Metro, Inc. d/b/a Evergy Missouri Metro Evergy Missouri West, Inc. d/b/a Evergy Missouri West In the Matter of Evergy Metro, Inc. d/b/a Evergy Missouri Metro's and Evergy Missouri West, Inc. d/b/a Evergy Missouri West's Solar Subscription Rider Tariff Filings	ET-2024-0182
Evergy Metro, Inc. d/b/a Evergy Missouri Metro Evergy Missouri West, Inc. d/b/a Evergy Missouri West The Staff of the Missouri Public Service Commission, Complainant, v Evergy Metro, Inc. d/b/a Evergy Missouri Metro's and Evergy Missouri West, Inc. d/b/a Evergy Missouri West	EC-2024-0092
Evergy Metro, Inc. d/b/a Evergy Missouri Metro Evergy Missouri West, Inc. d/b/a Evergy Missouri West In the Matter of the Joint Application of Evergy Metro, Inc. d/b/a Evergy Missouri Metro and Evergy Missouri West, Inc. d/b/a Evergy Missouri West for Approval of Tariff Revisions to TOU Program	ET-2024-0061
Union Electric Company d/b/a Ameren Missouri In the Matter of the Petition of Union Electric Company d/b/a Ameren Missouri for a Financing Order Authorizing the Issue of Securitized Utility Tariff Bonds for Energy Transition Costs related to Rush Island Energy Center	EF-2024-0021
Evergy Metro, Inc. d/b/a Evergy Missouri Metro Evergy Missouri West, Inc. d/b/a Evergy Missouri West In the Matter of Requests for Customer Account Data Production from Evergy Metro, Inc. d/b/a Evergy Missouri Metro and Evergy Missouri West, Inc. d/b/a Evergy Missouri West	E0-2024-0002
Evergy Metro, Inc. d/b/a Evergy Missouri Metro Evergy Missouri West, Inc. d/b/a Evergy Missouri West In the Matter of Evergy Metro, Inc. d/b/a Evergy Missouri Metro's Request to Revise Its Solar Subscription Rider	EO-2023-0423 EO-2023-0424

<u>Company</u>	<u>Case No.</u>
Evergy Metro, Inc. d/b/a Evergy Missouri Metro	EO-2023-0369
Evergy Missouri West, Inc. d/b/a Evergy Missouri West	EO-2023-0370
In the Matter of Evergy Metro, Inc. d/b/a Evergy Missouri Metro's Notice of Intent to File an Application for Authority to Establish a Demand-Side Programs Investment Mechanism	
Union Electric Company d/b/a Ameren Missouri	ER-2023-0136
In the Matter of Union Electric Company d/b/a Ameren Missouri's 4 th Filing to Implement Regulatory Changes in Furtherance of Energy Efficiency as Allowed by MEEIA	
Union Electric Company d/b/a Ameren Missouri	EA-2023-0286
In the Matter of the Application of Union Electric Company d/b/a Ameren Missouri for Certificates of Convenience and Necessity for Solar Facilities	
Union Electric Company d/b/a Ameren Missouri	ER-2022-0337
In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Adjust its Revenues for Electric Service	
NextEra Energy Transmission Southwest, LLC	EA-2022-0234
In the Matter of the Application of NextEra Energy Transmission Southwest, LLC for a Certificate of Public Convenience and Necessity to Construct, Install, Own, Operate, Maintain, and Otherwise Control and Manage a 345 kV Transmission Line and associated facilities in Barton and Jasper Counties, Missouri	
Spire Missouri, Inc.	GR-2022-0179
In the Matter of Spire Missouri Inc.'s d/b/a Spire Request for Authority to Implement a General Rate Increase for Natural Gas Service Provided in the Company's Missouri Service Areas	
Evergy Missouri West, Inc. dba Evergy Missouri West	EF-2022-0155
In the Matter of Evergy Missouri West, Inc. dba Evergy Missouri West for a Financing Order Authorizing the Financing of Extraordinary Storm Costs Through an Issuance of Securitized Utility Tariff Bonds	
Evergy Metro, Inc. dba Evergy Missouri Metro	ER-2022-0129
Evergy Missouri West, Inc. dba Evergy Missouri West	ER-2022-0130
In the Matter of Evergy Metro, Inc. dba Evergy Missouri Metro's Request for Authority to Implement a General Rate Increase for Electric Service.	
In the Matter of Evergy Missouri West, Inc. dba Evergy Missouri West's Request for Authority to Implement a General Rate Increase for Electric Service.	
The Empire District Electric Company d/b/a Liberty	EO-2022-0193
In the Matter of the Petition of The Empire District Electric Company d/b/a Liberty to Obtain a Financing Order that Authorizes the Issuance of Securitized Utility Tariff Bonds for Energy Transition Costs Related to the Asbury Plant	
The Empire District Electric Company d/b/a Liberty	EO-2022-0040
In the Matter of the Petition of The Empire District Electric Company d/b/a Liberty to Obtain a Financing Order that Authorizes the Issuance of Securitized Utility Tariff Bonds for Qualified Extraordinary Costs	

<u>Company</u>	<u>Case No.</u>
Ameren Transmission Company of Illinois In the Matter of the Application of Ameren Transmission Company of Illinois for a Certificate of Convenience and Necessity Under Section 393.170 RSMo Relating to Transmission Investments in Southeast Missouri	EA-2022-0099
The Empire District Electric Company d/b/a Liberty In the Matter of the Request of The Empire District Electric Company d/b/a Liberty for Authority to File Tariffs Increasing Rates for Electric Service Provided to Customers in its Missouri Service Area	ER-2021-0312
Union Electric Company d/b/a Ameren Missouri In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Adjust its Revenues for Electric Service	ER-2021-0240
Ameren Transmission Company of Illinois In the Matter of the Application of Ameren Transmission Company of Illinois for a Certificate of Public Convenience and Necessity to Construct, Install, Own, Operate, Maintain, and Otherwise Control and Manage a 138 kV Transmission Line and associated facilities in Perry and Cape Girardeau Counties, Missouri	EA-2021-0087
Evergy Affiliates In the Matter of the Application of Evergy Metro, Inc. d/b/a Evergy Missouri Metro and Evergy Missouri West, Inc. d/b/a Evergy Missouri West for Approval of a Transportation Electrification Portfolio	ET-2021-0151
Spire Missouri, Inc. In the Matter of Spire Missouri Inc.'s d/b/a Spire Request for Authority to Implement a General Rate Increase for Natural Gas Service Provided in the Company's Missouri Service Areas	GR-2021-0108
Union Electric Company d/b/a Ameren Missouri In the Matter of the Request of Union Electric Company d/b/a Ameren for Approval of its Surge Protection Program	ET-2021-0082
Union Electric Company d/b/a Ameren Missouri In the Matter of the Request of Union Electric Company d/b/a Ameren Missouri to Implement the Delivery Charge Adjustment for the 1st Accumulation Period beginning September 1, 2019 and ending August 31, 2020	GT-2021-0055
The Empire District Electric Company In the Matter of The Empire District Electric Company's Tariffs Approval of a Transportation Electrification Portfolio for Electric Customers in its Missouri Service Area	ET-2020-0390
The Empire District Electric Company In the Matter of The Empire District Electric Company's Tariffs to Increase Its Revenues for Electric Service	ER-2019-0374
Union Electric Company d/b/a Ameren Missouri In the Matter of of Union Electric Company d/b/a Ameren Missouri's Tariffs to Decrease Its Revenues for Electric Service	ER-2019-0335

<u>Company</u>	<u>Case No.</u>
KCP&L Greater Missouri Operations Company In the Matter of KCP&L Greater Missouri Operations Company Request for Authority to Implement Rate Adjustments Required by 4 CSR 240-20.090(8) And the Company's Approved Fuel and Purchased Power Cost Recovery Mechanism	ER-2019-0413
Union Electric Company d/b/a Ameren Missouri In the Matter of of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase Its Revenues for Natural Gas Service	GR-2019-0077
Union Electric Company d/b/a Ameren Missouri In the Matter of the Application of Union Electric Company d/b/a Ameren Missouri Revised Tariff Sheets	ET-2019-0149
The Empire District Electric Company In the Matter of The Empire District Electric Company's Revised Economic Development Rider Tariff Sheets	ET-2019-0029
The Empire District Electric Company In the Matter of a Proceeding Under Section 393.137 (SB 564) to Adjust the Electric Rates of The Empire District Electric Company	ER-2018-0366
Union Electric Company d/b/a Ameren Missouri In the Matter of the Application of Union Electric Company d/b/a Ameren Missouri for Permission and Approval and a Certificate of Public Convenience and Necessity Authorizing it to Construct a Wind Generation Facility	EA-2018-0202
Kansas City Power & Light Company KCP&L Greater Missouri Operations Company In the Matter of Kansas City Power & Light Company's Request for Authority to Implement a General Rate Increase for Electric Service	ER-2018-0145 ER-2018-0146
Union Electric Company d/b/a Ameren Missouri In the Matter of the Application of Union Electric Company d/b/a Ameren Missouri for Approval of Efficient Electrification Program	ET-2018-0132
Union Electric Company d/b/a Ameren Missouri In the Matter of the Application of Union Electric Company d/b/a Ameren Missouri for Approval of 2017 Green Tariff	ET-2018-0063
Laclede Gas Company Laclede Gas Company d/b/a Missouri Gas Energy In the Matter of Laclede Gas Company's Request to Increase Its Revenue for Gas Service, In the Matter of Laclede Gas Company d/b/a Missouri Gas Energy's Request to Increase Its Revenue for Gas Service.	GR-2017-0215 GR-2017-0216
Kansas City Power & Light Company In the Matter of Kansas City Power & Light Company's Demand Side Investment Rider Rate Adjustment And True-Up Required by 4 CSR 240-3.163(8)	ER-2017-0316
Kansas City Power & Light Company In the Matter of Kansas City Power & Light Company's Demand Side Investment Rider Rate Adjustment And True-Up Required by 4 CSR 240-3.163(8)	ER-2017-0167

<u>Company</u>	<u>Case No.</u>
KCP&L Great Missouri Operations Company In the Matter of KCP&L Greater Missouri Operations Company's Annual RESRAM Tariff Filing	ET-2017-0097
Grain Belt Express Clean Line, LLC In the Matter of the Application of Grain Belt Express Clean Line LLC for a Certificate of Convenience and Necessity Authorizing It to Construct, Own, Operate, Control, Manage, and Maintain a High Voltage, Direct Current Transmission Line and an Associated Converter Station Providing an Interconnection on the Maywood - Montgomery 345 kV Transmission Line	EA-2016-0358
Kansas City Power & Light Company In the Matter of Kansas City Power & Light Company's Demand Side Investment Rider Rate Adjustment And True-Up Required by 4 CSR 240-3.163(8)	ER-2016-0325
Kansas City Power & Light Company In the Matter of Kansas City Power & Light Company's Request for Authority to Implement A General Rate Increase for Electric Service	ER-2016-0285
Union Electric Company d/b/a Ameren Missouri In the Matter of Union Electric Company d/b/a Ameren Missouri for Permission and Approval and a Certificate of Public Convenience and Necessity Authorizing it to Offer a Pilot Subscriber Solar Program and File Associated Tariff	EA-2016-0207
Union Electric Company d/b/a Ameren Missouri In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariff to Increase Its Revenues for Electric Service	ER-2016-0179
KCP&L Great Missouri Operations Company In the Matter of KCP&L Greater Missouri Operations Company's Request for Authority to Implement a General Rate Increase for Electric Service	ER-2016-0156
Empire District Electric Company In the Matter of The Empire District Electric Company's Request for Authority to Implement a General Rate Increase for Electric Service	ER-2016-0023
Ameren Transmission Company of Illinois In the Matter of the Application of Ameren Transmission Company of Illinois for Other Relief or, in the Alternative, a Certificate of Public Convenience and Necessity Authorizing it to Construct, Install, Own, Operate, Maintain and Otherwise Control and Manage a 345,000-volt Electric Transmission Line from Palmyra, Missouri to the Iowa Border and an Associated Substation Near Kirksville, Missouri	EA-2015-0146
Ameren Transmission Company of Illinois In the Matter of the Application of Ameren Transmission Company of Illinois for Other Relief or, in the Alternative, a Certificate of Public Convenience and Necessity Authorizing it to Construct, Install, Own, Operate, Maintain and Otherwise Control and Manage a 345,000-volt Electric Transmission Line in Marion County, Missouri and an Associated Switching Station Near Palmyra, Missouri	EA-2015-0145

<u>Company</u>	<u>Case No.</u>
Union Electric Company d/b/a Ameren Missouri In the Matter of Union Electric Company d/b/a Ameren Missouri's 2nd Filing to Implement Regulatory Changes in Furtherance of Energy Efficiency as Allowed by MEEIA	EO-2015-0055
Kansas City Power & Light Company In the Matter of Kansas City Power & Light Company's Request for Authority to Implement a General Rate Increase for Electric Service	ER-2014-0370
Empire District Electric Company In the Matter of The Empire District Electric Company for Authority to File Tariffs Increasing Rates for Electric Service Provided to Customers in the Company's Missouri Service Area	ER-2014-0351
Union Electric Company d/b/a Ameren Missouri City of O'Fallon, Missouri, and City of Ballwin, Missouri, Complainants v. Union Electric Company d/b/a Ameren Missouri, Respondent	EC-2014-0316
Union Electric Company d/b/a Ameren Missouri In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariff to Increase Its Revenues for Electric Service	ER-2014-0258
Union Electric Company d/b/a Ameren Missouri Noranda Aluminum, Inc., et al., Complainants, v. Union Electric Company d/b/a Ameren Missouri, Respondent	EC-2014-0224
Grain Belt Express Clean Line, LLC In the Matter of the Application of Grain Belt Express Clean Line LLC for a Certificate of Convenience and Necessity Authorizing It to Construct, Own, Operate, Control, Manage, and Maintain a High Voltage, Direct Current Transmission Line and an Associated Converter Station Providing an Interconnection on the Maywood - Montgomery 345 kV Transmission Line	EA-2014-0207
KCP&L Great Missouri Operations Company In the Matter of KCP&L Greater Missouri Operations Company's Application for Authority to Establish a Renewable Energy Standard Rate Adjustment Mechanism	EO-2014-0151
Kansas City Power & Light Company In the Matter of Kansas City Power & Light Company's Filing for Approval of Demand-Side Programs and for Authority to Establish A Demand-Side Programs Investment Mechanism	EO-2014-0095
Veolia Energy Kansas City, Inc. In the Matter of Veolia Energy Kansas City, Inc. for Authority to File Tariffs to Increase Rates	HR-2014-0066

CREENTIALS AND CASE PARTICIPATION OF

SHAWN E. LANGE, PE

PRESENT POSITION:

I am a Professional Engineer in the Engineering Analysis Department, Industry Analysis Division, of the Missouri Public Service Commission.

EDUCATIONAL BACKGROUND AND WORK EXPERIENCE:

In December 2002, I received a Bachelor of Science Degree in Mechanical Engineering from the University of Missouri, at Rolla now known as the Missouri University of Science and Technology. I joined the Commission Staff in January 2005. I am a registered Professional Engineer in the State of Missouri and my license number is 2018000230.

TESTIMONY FILED:

Case Number	Utility	Testimony	Issue
ER-2005-0436	Aquila Inc.	Direct	Weather Normalization
		Rebuttal	Weather Normalization
		Surrebuttal	Weather Normalization
ER-2006-0314	Kansas City Power & Light Company	Direct	Weather Normalization
		Rebuttal	Weather Normalization
ER-2006-0315	Empire District Electric Company	Direct	Weather Normalization
		Surrebuttal	Weather Normalization
ER-2007-0002	Union Electric Company d/b/a AmerenUE	Direct	Weather Normalization
ER-2007-0004	Aquila Inc.	Direct	Weather Normalization
ER-2007-0291	Kansas City Power & Light Company	Staff Report	Weather Normalization
		Rebuttal	Weather Normalization
ER-2008-0093	Empire District Electric Company	Staff Report	Weather Normalization
ER-2008-0318	Union Electric Company d/b/a AmerenUE	Staff Report	Weather Normalization

Case Number	Utility	Testimony	Issue
ER-2009-0089	Kansas City Power & Light Company	Staff Report	Net System Input
ER-2009-0090	KCP&L Greater Missouri Operations Company	Staff Report	Net System Input
ER-2010-0036	Union Electric Company d/b/a AmerenUE	Staff Report	Net System Input
ER-2010-0130	Empire District Electric Company	Staff Report	Variable Fuel Costs
		Surrebuttal	Variable Fuel Costs
ER-2010-0355	Kansas City Power & Light Company	Staff Report	Variable Fuel Costs
ER-2010-0356	KCP&L Greater Missouri Operations Company	Staff Report	Engineering Review-Sibley 3 SCR
ER-2011-0004	Empire District Electric Company	Staff Report	Variable Fuel Costs
ER-2011-0028	Union Electric Company d/b/a Ameren Missouri	Staff Report	Net System Input
ER-2012-0166	Union Electric Company d/b/a Ameren Missouri	Staff Report	Weather Normalization
		Surrebuttal	Weather Normalization Maryland Heights In-Service
ER-2012-0174	Kansas City Power & Light Company	Staff Report	Weather Normalization Net System Input Variable Fuel Costs
		Surrebuttal	Weather Normalization
ER-2012-0175	KCP&L Greater Missouri Operations Company	Staff Report	Weather Normalization Net System Input
		Surrebuttal	Weather Normalization
ER-2012-0345	Empire District Electric Company	Rebuttal	Interim Rates
		Staff Report	Weather Normalization
EC-2014-0223	Noranda Aluminum v. Ameren Missouri	Rebuttal	Weather Normalization
EA-2014-0207	Grain Belt Express CCN	Rebuttal	Certificates of Convenience/Feasibility Analysis
		Surrebuttal	

Case Number	Utility	Testimony	Issue
ER-2014-0258	Union Electric Company d/b/a Ameren Missouri	Staff Report	Net System Input Variable Fuel Costs
ER-2014-0351	Empire District Electric Company	Staff Report	Net System Input Variable Fuel Costs
ER-2014-0370	Kansas City Power & Light Company	Staff Report	Net System Input Variable Fuel Costs
		True-up Direct	Variable Fuel Costs La Cygne In-service
EA-2015-0146	ATXI CCN	Rebuttal	Certificates of Convenience/Feasibility Analysis
		Surrebuttal	
ER-2016-0023	Empire District Electric Company	Staff Report	Net System Input Variable Fuel Costs
		Surrebuttal	Variable Fuel Costs
ER-2016-0179	Union Electric Company d/b/a Ameren Missouri	Staff Report	Variable Fuel Costs
EA-2016-0385	Grain Belt Express CCN	Rebuttal	Certificates of Convenience/Feasibility Analysis
		Surrebuttal	
ER-2018-0145	Kansas City Power & Light Company	Staff Report	Variable Fuel Costs Market Prices
		Rebuttal	Variable Fuel Costs Market Prices
		True-up Direct	Variable Fuel Costs Market Prices
EA-2018-0327	ATXI CCN	Rebuttal	Certificates of Convenience/Feasibility Analysis
EA-2019-0021	Ameren CCN	Staff Report	Certificates of Convenience/Feasibility Analysis
EA-2019-0010	Empire District Electric Company CCN	Staff Report	Certificates of Convenience/Feasibility Analysis
EC-2020-0408	MLA v. Grain Belt Complaint	Staff Recommendation	Formal Complaint
EA-2021-0167	ATXI CCN	Staff Recommendation	Certificates of Convenience/Feasibility Analysis

Case Number	Utility	Testimony	Issue
EA-2021-0087	ATXI CCN	Staff Report	Certificates of Convenience/Feasibility Analysis
ER-2021-0240	Union Electric Company d/b/a Ameren Missouri	Staff Report	Variable Fuel Costs Atchison wind farm Construction Audit and in-service review
		Rebuttal	Atchison in-service and Variable Fuel Costs
		True-up Direct	Variable Fuel Costs
ER-2021-0312	Empire District Electric Company	Staff Report	Transmission and Distribution Investment
EA-2022-0043	Evergy Metro and Evergy West Hawthorn Solar CCN	Staff Report	Certificates of Convenience/Feasibility Analysis
EA-2022-0099	ATXI CCN	Staff Direct Testimony	Certificates of Convenience/Feasibility Analysis
EA-2022-0244	Union Electric Company d/b/a Ameren Missouri	Staff Report	Certificates of Convenience/Feasibility Analysis
EA-2022-0245	Union Electric Company d/b/a Ameren Missouri	Staff Rebuttal Testimony	Certificates of Convenience/Feasibility Analysis
ER-2022-0337	Union Electric Company d/b/a Ameren Missouri	Direct Testimony	Variable fuel Costs
		Rebuttal Testimony	Variable fuel Costs
		Surrebuttal/True-up Direct	Variable fuel Costs
		True-up Rebuttal	Variable fuel Costs
EA-2022-0328	Evergy West	Staff Rebuttal Testimony	Certificates of Convenience/Feasibility Analysis
EA-2023-0017	GrainBelt Express	Staff Rebuttal Testimony	Certificates of Convenience/Feasibility Analysis

Case Number	Utility	Testimony	Issue
EA-2023-0226	Ameren Missouri	Staff Memo	Certificates of Convenience/Feasibility Analysis
ET-2023-0249	Ameren Missouri	Staff Memo	Cogeneration and Net Metering rate
EA-2024-0286	Ameren Missouri	Rebuttal Testimony	Certificates of Convenience/Feasibility Analysis
EF-2024-0021	Ameren Missouri	Rebuttal	Financing Order Authorizing the Issue of Securitized Utility Tariff Bonds
ER-2024-0189	Evergy Missouri West	Rebuttal	Variable Fuel Cost
EA-2024-0237	Ameren Missouri	Staff Memo/Report	Certificates of Convenience/Feasibility Analysis
ER-2024-0319	Ameren Missouri	Staff Direct	Variable Fuel Costs
		Staff True-up Direct	Variable Fuel Cost

Case Participation of

J LUEBBERT

Case Number	Company	Issues
EO-2015-0055	Ameren Missouri	Evaluation, Measurement, and Verification
EO-2016-0223	Empire District Electric Company	Integrated Resource Planning Requirements
EO-2016-0228	Ameren Missouri	Utilization of Generation Capacity, Plant Outages, and Demand Response Program
ER-2016-0179	Ameren Missouri	Heat Rate Testing
ER-2016-0285	Kansas City Power & Light Company	Heat Rate Testing
EO-2017-0065	Empire District Electric Company	Utilization of Generation Capacity and Station Outages
EO-2017-0231	Kansas City Power & Light Company	Utilization of Generation Capacity, Heat Rates, and Plant Outages
EO-2017-0232	KCP&L Greater Missouri Operations Company	Utilization of Generation Capacity, Heat Rates, and Plant Outages
EO-2018-0038	Ameren Missouri	Integrated Resource Planning Requirements
EO-2018-0067	Ameren Missouri	Utilization of Generation Capacity, Heat Rates, and Plant Outages
EO-2018-0211	Ameren Missouri	Avoided Costs and Demand Response Programs
EA-2019-0010	Empire District Electric Company	Market Protection Provision
GO-2019-0115	Spire East	Policy
GO-2019-0116	Spire West	Policy
EO-2019-0132	Kansas City Power & Light Company	Avoided Cost, SPP resource adequacy requirements, and Demand Response Programs
ER-2019-0335	Ameren Missouri	Unregulated Competition Waivers and Class Cost Of Service
ER-2019-0374	Empire District Electric Company	SPP resource adequacy
EO-2020-0227	Evergy Missouri Metro	Demand Response programs

Case Number	Company	Issues
EO-2020-0228	Evergy Missouri West	Demand Response programs
EO-2020-0262	Evergy Missouri Metro	Demand Response programs
EO-2020-0263	Evergy Missouri West	Demand Response programs
EO-2020-0280	Evergy Missouri Metro	Integrated Resource Planning Requirements
EO-2020-0281	Evergy Missouri West	Integrated Resource Planning Requirements
EO-2021-0021	Ameren Missouri	Integrated Resource Planning Requirements
EO-2021-0032	Evergy	Renewable Generation and Retirements
GR-2021-0108	Spire Missouri	Metering and Combined Heat and Power
ET-2021-0151	Evergy	Capacity costs
ER-2021-0240	Ameren Missouri	Market Prices, Construction Audit, Smart Energy Plan, AMI
ER-2021-0312	Empire District Electric Company	Construction Audit, Market Price Protection, PISA Reporting
EO-2022-0193	Empire District Electric Company	Retirement of Asbury
ER-2022-0129	Evergy Missouri Metro	MEEIA annualization
ER-2022-0130	Evergy Missouri West	MEEIA annualization, Schedule SIL revenue and incremental costs
EF-2022-0155	Evergy Missouri West	Customer event balancing
EC-2022-0315	Evergy Missouri West	Compliance with Stipulation and Agreement, Commission Order, and Schedule SIL
GR-2022-0179	Spire Missouri	Compressed Natural Gas
EA-2022-0244	Ameren Missouri	Huck Finn Solar CCN
EA-2022-0245	Ameren Missouri	Boomtown Solar CCN
EA-2022-0328	Evergy Missouri West	Persimmon Creek CCN
ER-2022-0337	Ameren Missouri	Billing determinant adjustments
EA-2023-0286	Ameren Missouri	Solar CCNs
EO-2024-0002	Evergy Missouri West	Data retention

Case Number	Company	Issues
	Evergy Missouri Metro	
EO-2023-0136	Ameren Missouri	MEEIA program design, avoided costs
EO-2023-0369 EO-2023-0370	Evergy Missouri Metro Evergy Missouri West	MEEIA program design, tariffs
EA-2024-0237	Ameren Missouri	Economic Feasibility

CREDENTIALS AND CASE PARTICIPATION OF

HARI K. POUDEL, PhD

Current Position

Currently, I work for the Missouri Public Service Commission (“Commission”) as a Regulatory Economist in the Tariff/Rate Department of the Industry Analysis Division. The Department of Tariff and Rate Design takes part in and offers advice on matters filed with the Commission, such as rate, complaint, application, territorial agreements, sale, and merger. The Department also handles rate design, weather variables, and weather normalization tasks and offers technical assistance. I am responsible for using quantitative economic techniques and statistical analysis to address energy-related challenges that have an effect on utility ratemaking. I am also responsible of recommendations for the Commission based on a various economic analysis of the problems relating to energy and energy efficiency.

Educational Credentials and Work Experience

I received a Doctor of Philosophy in Public Policy from the University of Missouri, Columbia, Missouri in May 2020. I graduated with a Master’s in Public Health from the University of Missouri, Columbia in May 2019. In 2008, I received a Master’s in Agricultural Economics degree from Hohenheim University in Germany.

I’ve been employed with the Missouri Public Service Commission since October 25, 2021, in the Tariff/Rate Department of the Industry Analysis Division as a Regulatory Economist. Prior to joining the Commission, I was a Research/Data Analyst for the Missouri Department of Health and Senior Services. I analyzed public health data that directly affects Missourians in my capacity as an analyst.

Testimonies/Memorandum

SN	Case Number	Company Name	Issue
1.	GR-2021-0320	Liberty Utilities	Tariff Compliance
2.	GR-2022-0235	Spire Missouri, Inc.	Weather Normalization Adjustment Rider (WNAR)
3.	ER-2022-0146	Ameren Missouri	Rider Energy Efficient Investment Charge (EEIC)
4.	GT-2022-0233	Liberty Utilities	Weather Normalization Adjustment Rider (WNAR)
5.	ER-2022-0129 & ER-2022-0130	Evergy Metro, Inc. & Evergy Missouri West, Inc.	General Rate Case
6.	ER-2022-0337	Ameren Missouri	365-Day Adjustment, Weather Variables, Weather Normalization, Hourly Load Requirement Energy Efficiency Adjustment
7.	GO-2023-0002	Spire	Weather Normalization Adjustment Rider (WNAR)
8.	GT-2023-0088	Liberty Utilities	Weather Normalization Adjustment Rider (WNAR)
9.	GT-2023-0274	Liberty Utilities	Weather Normalization Adjustment Rider (WNAR)
10.	EA-2023-0286	Ameren Missouri	Economic Feasibility
11.	GT-2024-0054	Liberty Utilities (Midstates Natural Gas)	Weather Normalization Adjustment Rider (WNAR)
12.	GT-2024-0055	The Empire District Gas Company	Weather Normalization Adjustment Rider (WNAR)
13.	GR-2024-0107	Ameren Missouri	Weather Normalization Adjustment Rider (WNAR)
14.	EO-2023-0136	Ameren Missouri	Throughput Disincentive, Marginal Rate Analysis, Rebound Effect, Rate Case Annualization
15.	EO-2023-0369 & EO-2023-0370	Evergy Metro, Inc. & Evergy Missouri West, Inc.	MEEIA (Throughput Disincentive, Rebound Effect, Rate Case Annualization)
16.	ER-2024-0189	Evergy Missouri West, Inc.	MEEIA, Net Margin Rate, Economic Development Riders, PISA Compliance
17.	GR-2024-0106	Liberty Utilities	Weather Normalization, 365 Days-Adjustment
18.	ER-2024-0319	Ameren Missouri	Energy Efficiency Adjustment (MEEIA), Marginal Rate Analysis, Rebound Effect, Economic Development Riders

CREDENTIALS AND CASE PARTICIPATION OF

JUSTIN TEVIE

Present Position:

I am an Economics Analyst in the Tariff/Rate Design Department, Industry Analysis Division, of the Missouri Public Service Commission.

Educational Background and Work Experience:

In 2013, I obtained a graduate degree in Economics from the University of New Mexico. In 2019, I joined the Missouri Department of Mental Health as a Research Analyst assisting with data analysis and federal reporting. Prior to that, I was a Forecast Analyst at Department of Social and Health Services in the State of Washington assisting with forensic caseload forecasting and reporting.

Case No.	Company	Testimony	Issue
ER-2022-0337	Ameren Missouri	Direct	Locational Market prices
		Rebuttal	
		True-up	
EO-2023-0136	Ameren Missouri	Direct	Savings shapes, program evaluation, EM & V, Principal-Agent problem, and employment
		Rebuttal	
		Surrebuttal	
ER-2023-0184	Evergy Missouri West	Staff Recommendation	MEEIA Cycle 3
ER-2023-0411	Evergy Missouri West	Staff Recommendation	MEEIA Cycle 3
EA-2023-0131	Empire	CCN	Economic feasibility
ER-2024-0186	Evergy Missouri West	Staff Recommendation	MEEIA Cycle 3
ER-2024-0184	Evergy Missouri Metro	Staff Recommendation	MEEIA Cycle 3

Case No.	Company	Testimony	Issue
ER-2023-0369	Evergy Missouri West	Direct	MEEIA Cycle 4 Savings shapes, program evaluation, EM & V, Principal-Agent problem
		Rebuttal	
ER-2023-0370	Evergy Missouri Metro	Direct	MEEIA Cycle 4 Savings shapes, program evaluation, EM & V, Principal-Agent problem
		Rebuttal	
ER-2024-0189	Evergy Missouri West	Direct	Special Incremental Load/NUCOR Locational Market Prices
		Rebuttal	
		Surrebuttal/True up	
		True-up rebuttal	
GR-2024-0106	Liberty MidStates Utilities	Direct	Transport Revenues
		Rebuttal	
		Surrebuttal	
ER-2024-0319	Ameren Missouri	Direct Testimony	Locational Market Prices

Credentials and Background of

SEOUNG JOUN WON, PhD

I am currently employed as a Regulatory Compliance Manager in the Financial Analysis Department of the Financial and Business Analysis Division of the Missouri Public Service Commission. I have been employed at the Missouri Public Service Commission since May 2010.

I received my Bachelor of Arts, Master of Arts, and Doctor of Philosophy in Mathematics from Yonsei University and my Bachelor of Business Administration in Financial Accounting from Seoul Digital University in Seoul, South Korea, and earned my Doctor of Philosophy in Economics from the University of Missouri - Columbia. Also, I passed several certificate examinations for Finance Specialist in South Korea such as Accounting Management, Financial Risk Manager, Enterprise Resource Planning Accounting Consultant, Derivatives Investment Advisor, Securities Investment Advisor, and Financial Planner.

Prior to joining the Commission, I taught both undergraduate and graduate level mathematics at the Korean Air Force Academy and Yonsei University for 13 years. I served as the director of the Education and Technology Research Center in NeoEdu for 5 years. Before starting my current position at the Missouri Public Service Commission, I had served as a regulatory economist in Tariff/Rate Design Department.

My current duties at the Commission include financial analysis of rate of return and cost of equity, valuation analysis on merger and acquisition, due diligence review and supporting economic and statistical analysis.

List of Previous Testimony Filed

<u>Case Number</u>	<u>Company</u>	<u>Issue</u>
GA-2025-0181	Spire Missouri, Inc. d/b/a Spire	Financial Capability
GR-2024-0369	Union Electric Co., d/b/a Ameren Missouri	Rate of Return, Capital Structure
EA-2024-0302	Ameren Transmission Company of Illinois	Financial Capability
ER-2024-0319	Union Electric Co., d/b/a Ameren Missouri	Rate of Return, Capital Structure
GA-2024-0361	Spire Missouri, Inc. d/b/a Spire	Financial Capability
WM-2025-0017	Missouri-American Water Company	Merger and Acquisition
EA-2024-0237	Union Electric Co., d/b/a Ameren Missouri	Financial Capability
GF-2025-0053	Spire Missouri, Inc. d/b/a Spire	Financing Authority
EF-2025-0047	Union Electric Co., d/b/a Ameren Missouri	Financing Authority
ER-2024-0212	Union Electric Co., d/b/a Ameren Missouri	Financial Capability
WF-2024-0353	Missouri-American Water Company	Financing Authority
WA-2024-0325	Missouri-American Water Company	Financial Capability
ER-2024-0189	Evergy Missouri West, Inc. d/b/a Evergy Missouri West	Rate of Return, Capital Structure
GA-2024-0257	Spire Missouri, Inc. d/b/a Spire	Financial Capability
EO-2023-0448	Union Electric Co., d/b/a Ameren Missouri	Nuclear Decommissioning
GA-2024-0243	Spire Missouri, Inc. d/b/a Spire	Financial Capability

<u>Case Number</u>	<u>Company</u>	<u>Issue</u>
EA-2024-0147	Ameren Transmission Company of Illinois	Financial Capability
EA-2023-0131	Empire District Electric Company, d/b/a Liberty	Financial Capability
EF-2024-0192	Evergy Metro, Inc. d/b/a Evergy Missouri Metro	Financing Authority
WF-2024-0135	Liberty Utilities (Missouri Water) LLC d/b/a Liberty	Financing Authority
EF-2024-0099	Union Electric Co., d/b/a Ameren Missouri	Financing Authority
GA-2024-0100	Spire Missouri, Inc. d/b/a Spire	Financial Capability
EA-2023-0286	Union Electric Co., d/b/a Ameren Missouri	Financial Capability
GA-2023-0441	Spire Missouri, Inc. d/b/a Spire	Financial Capability
EF-2023-0425	Evergy Metro Inc., d/b/a Evergy Missouri Metro	Financing Authority
SA-2023-0435	Missouri-American Water Company	Financial Capability
WA-2023-0434	Missouri-American Water Company	Financial Capability
GA-2023-0389	Spire Missouri, Inc. d/b/a Spire	Financial Capability
GA-2023-0374	Spire Missouri, Inc. d/b/a Spire	Financial Capability
GF-2023-0280	Liberty Utilities (Midstates Natural Gas) Corp. d/b/a Liberty	Financing Authority
WA-2023-0345	Missouri-American Water Company	Financial Capability
EA-2023-0226	Union Electric Co., d/b/a Ameren Missouri	Financial Capability
EA-2023-0017	Grain Belt Express LLC	Financial Capability

<u>Case Number</u>	<u>Company</u>	<u>Issue</u>
GA-2023-0038	Spire Missouri, Inc. d/b/a Spire	Financial Capability
EF-2022-0151	Union Electric Co., d/b/a Ameren Missouri	Financing Authority
EA-2022-0328	Evergy Missouri West, Inc. d/b/a Evergy Missouri West	Financial Capability
ER-2022-0337	Union Electric Co., d/b/a Ameren Missouri	Rate of Return, Capital Structure
EA-2022-0245	Union Electric Co., d/b/a Ameren Missouri	Financial Capability
EA-2022-0244	Union Electric Co., d/b/a Ameren Missouri	Financial Capability
EA-2022-0234	NextEra Energy Transmission Southwest, LLC	Financial Capability
GR-2022-0179	Spire Missouri, Inc., d/b/a Spire	Rate of Return, Capital Structure
GF-2022- 0169	Spire Missouri, Inc.	Financing Authority
EF-2022-0164	Union Electric Co., d/b/a Ameren Missouri	Financing Authority
WF-2022-0161	Missouri-American Water Company	Financing Authority
ER-2022-0130	Evergy Missouri West, Inc., d/b/a Evergy Missouri West	Rate of Return, Capital Structure
ER-2022-0129	Evergy Metro Inc., d/b/a Evergy Missouri Metro	Rate of Return, Capital Structure
EF-2022- 0103	Evergy Missouri West, Inc.	Financing Authority
WF-2022-0066	Missouri American Water Company	Financing Authority
WF-2021-0427	Raytown Water Company	Financing Authority
GR-2021-0320	Empire District Gas Company	Rate of Return, Capital Structure

<u>Case Number</u>	<u>Company</u>	<u>Issue</u>
ER-2021-0312	Empire District Electric Company	Rate of Return, Capital Structure
GR-2021-0241	Union Electric Co., d/b/a Ameren Missouri	Rate of Return, Capital Structure
ER-2021-0240	Union Electric Co., d/b/a Ameren Missouri	Rate of Return, Capital Structure
GR-2021-0108	Spire Missouri, Inc.	Rate of Return, Capital Structure
EA-2021-0087	Ameren Transmission Company of Illinois	Financial Capability
EA-2020-0371	Union Electric Co., d/b/a Ameren Missouri	Financial Capability
SR-2020-0345	Missouri American Water Company	Rate of Return, Capital Structure
WR-2020-0344	Missouri American Water Company	Rate of Return, Capital Structure
EF-2020-0301	Evergy Missouri Metro	Financing Authority
WR-2020-0264	Raytown Water Company	Rate of Return, Capital Structure
WR-2020-0053	Confluence Rivers Utility Operating Company, Inc.	Rate of Return, Capital Structure
HM-2020-0039	Veolia Energy Kansas City, Inc. AIP Project Franklin Bidco	Merger and Acquisition
EO-2019-0133	KCP&L Greater Missouri Operations Company, Evergy Metro	Business Efficiency Process
EO-2019-0132	Kansas City Power & Light Company, Evergy Metro	Business Efficiency Process
GR-2019-0077	Union Electric Co., d/b/a Ameren Missouri	Weather & Normalization, Net System Input
GO-2019-0059	Spire West, Spire Missouri, Inc.	Weather Variables
GO-2019-0058	Spire East., Spire Missouri, Inc.	Weather Variables

<u>Case Number</u>	<u>Company</u>	<u>Issue</u>
ER-2018-0146	KCP&L Greater Missouri Operations Co.	Weather & Normalization, Net System Input
ER-2018-0145	Kansas City Power & Light Co.	Weather & Normalization, Net System Input
GR-2018-0013	Liberty Utilities (Midstates Natural Gas) Corp.	Weather Variables
GR-2017-0216	Missouri Gas Energy (Laclede), Spire Missouri, Inc.	Weather Variables
GR-2017-0215	Laclede Gas Co., Spire Missouri, Inc.	Weather Variables
ER-2016-0285	Kansas City Power & Light Co.	Weather & Normalization, Net System Input
ER-2016-0179	Union Electric Co., d/b/a Ameren Missouri	Weather & Normalization, Net System Input
ER-2016-0156	KCP&L Greater Missouri Operations Co.	Weather & Normalization, Net System Input
ER-2016-0023	Empire District Electric Company	Weather & Normalization, Net System Input
ER-2014-0370	Kansas City Power & Light Co	Weather & Normalization, Net System Input
ER-2014-0351	Empire District Electric Company	Weather & Normalization, Net System Input
ER-2014-0258	Union Electric Co., d/b/a Ameren Missouri	Weather & Normalization, Net System Input
EC-2014-0223	Noranda Aluminum, Inc., et al, Complaint v. Union Electric Co., d/b/a Ameren Missouri	Weather Variables
GR-2014-0152	Liberty Utilities (Midstates Natural Gas) Corp.	Weather Variables
GR-2014-0086	Summit Natural Gas of Missouri, Inc.	Weather Variables
HR-2014-0066	Veolia Energy Kansas City, Inc.	Weather Variables, Revenue
GR-2013-0171	Laclede Gas Co.	Weather Variables

<u>Case Number</u>	<u>Company</u>	<u>Issue</u>	
ER-2012-0345	Empire District Electric Company	Weather Revenue	Variables,
ER-2012-0175	KCP&L Greater Missouri Operations Co.	Weather Variables	
ER-2012-0174	Kansas City Power & Light Co.	Weather Variables	
ER-2012-0166	Union Electric Co., d/b/a Ameren Missouri	Weather Revenue	Variables,
HR-2011-0241	Veolia Energy Kansas City, Inc.	Weather Variables	
ER-2011-0028	Union Electric Co., d/b/a Ameren Missouri	Weather Revenue	Variables,
ER-2011-0004	Empire District Electric Company	Weather Revenue	Variables,
GR-2010-0363	Union Electric Co., d/b/a Ameren Missouri	Weather Variables	
ER-2010-0356	KCP&L Greater Missouri Operations Co.	Weather Variables	
ER-2010-0355	Kansas City Power & Light Co.	Weather Revenue	Variables,

Work Related Publication

Won, Seoung Joun, X. Henry Wang, and Henry E. Warren. “Climate normals and weather normalization for utility regulation.” *Energy Economics* (2016).