

MISSOURI PUBLIC SERVICE COMMISSION

STAFF REBUTTAL TESTIMONY

APPENDIX 1

Staff Credentials

AMEREN MISSOURI

CASE NO. EA-2026-0183

*Jefferson City, Missouri
August 2026*

Paul K. Amenthor

EDUCATIONAL BACKGROUND AND EXPERIENCE

In December of 2016, I graduated from Southern Illinois University Edwardsville with a Bachelor of Science in Accounting. I have also earned a Bachelor of Science in Economics and Management with an emphasis in Accounting Sciences from the University of Lomé, Togo in June of 2007.

I commenced employment with the Missouri Public Service Commission as Utility Regulatory Auditor in September 2017. As a Utility Regulatory Auditor, I am responsible in part, for assisting with the audit and examination of the books and records of utility companies operating within the State of Missouri and sponsoring testimony as an expert witness in Commission proceedings.

Prior to employment with the Commission, I worked with Walmart from June 2011 to August 2017, as an Inventory Management Associate. In this position, I was primarily responsible for ensuring the accuracy of on-hand inventory in the warehouse.

I also worked with Lee Enterprises (Lee Finance) from March 2017 to August 2017 as a Circulation Accounting Clerk. In this position, I was primarily responsible for processing customers' remittances, invoices, and accounts deposits. I also provided support for senior staff with each end of month closing.

Paul Amenthor

CASE PARTICIPATION

<u>Company Name</u>	<u>Case No.</u>	<u>Issues</u>
Timber Creek	SR-2026-0093	Plant in Service and Reserve, CIAC and CIAC Amortization, Non-Labor Maintenance Expense, Base Customer Revenue, Miscellaneous Revenue, late fees, disconnect/reconnect fees, other service charges, Uncollectible, Sludge Expense, Allowance for Funds Used During Construction (AFUDC).
Ameren Missouri (Gas)	GR-2024-0369	Software Rental Adjustment & Cybersecurity Revenue & Expense, Non-Labor Distribution Maintenance, EV Incentive Adjustment, PAYS Regulatory Asset/Liability & Amortization, Energy Efficiency Programs, Keeping Current, Low Income, Weatherization, Critical Needs, Clean Slate, PSC Assessment, Other Amortization-Expired & Expiring, Intangibles, other non-depreciable accts, COVID AAO, Ameren Services Allocations and Affiliate Transactions, Intercompany facility Rent Adjustment.
Ameren Missouri (Electric)	ER-2024-0319	Software Maintenance Adjustment, Cybersecurity, RESRAM, Cash Working Capital, Customer Convenience Fees, New Solar Facilities, Renewable Solutions Programs, Maryland Heights Landfill Fuel, Renewable BTA Adjustment.
Liberty Midstates Natural Gas (MNG)	GR-2024-0106	Credit Card Fees, Postage Expense, Customer Billing, Uncollectible Expense, ISRS Revenue Reconciliation Adjustment, Cash Working Capital, Other Revenues, Lease and Rents, Removal of PGA and WNAR.
Ameren Missouri (Electric)	EA-2023-0286	Plaint in Service Accounting, Operation and Maintenance Expense

<u>Company Name</u>	<u>Case No.</u>	<u>Issues</u>
Confluence Rivers (Water and Sewer)	WR-2023-0006 SR-2023-0007	Electric Expense, Chemical Expense, Operating Revenue, Miscellaneous Revenue, Uncollectible Expense, Water Losses, Water Expense
Ameren Missouri (Electric)	ER-2022-0337	Payroll & Related Payroll Taxes Employee Benefits.
Spire-Investor (Gas)	GR-2022-0179	Prepayments, Customer Deposits, Customer Advances, Rents and Leases Expense, Materials & Supplies, Plant In Service and Depreciation Reserve, Injuries & Damages, PSC Assessment, Insurance Expense, Line Locating Costs, Fuel Expense, Software and IT Costs, Capitalized O&M Depreciation, Natural Gas Inventory
Ameren Missouri (Electric)	ER-2021-0240	Payroll & Related Payroll Taxes Employee Benefits, Employee Relocation Expenses MEEIA Test Year Labor and Non-Labor Expenses Non-Labor Power Plant maintenance Severance costs Permanent Cleaning procedures Call Center Costs Cybersecurity, software OPEB, Pension & trackers , SERP Non-qualified expense External Audit fees
Ameren Missouri (Gas)	GR-2021-0241	Payroll & Related Payroll Taxes Employee Benefits, Employee Relocation Expenses Non-Labor Distribution maintenance Severance costs Permanent Cleaning procedures Call Center Costs Cybersecurity, software OPEB, Pension & trackers , SERP Non-qualified pension expense External Audit fees
Missouri American Water Company (Water)	WR-2020-0344	Leases (Rents and Transportation), Rate Case Expense, Telecommunication Expense

<u>Company Name</u>	<u>Case No.</u>	<u>Issues</u>
Ameren Missouri (Electric)	ER-2019-0335	Payroll & Related Payroll Taxes Employee Benefits, Employee Relocation Expenses MEEIA Test Year Labor and Non-Labor Expenses Callaway Refueling OT Labor and non-Labor Real & Property Taxes Non-Labor Power Plant maintenance Dues & Donations Miscellaneous Expenses Severance costs
Ameren Missouri (Gas)	GR-2019-0077	Rate Base Items: Prepayments, customer advances, customer deposits, Plant in service, Accumulated Reserve, natural gas inventories, materials and supplies Revenues: Customer Growth/seasonality, Removal of GRT, PGA, Unbilled Revenue, Provision for Rate Refunds, and Other Revenues Expenses: Uncollectible Expense, Capitalized depreciation, Non Labor Distribution Maintenance, and Interest on Customer Deposits Filed Direct, Surrebuttal/True-Up
Liberty Midstates Natural Gas (MNG)	GR-2018-0013	Advertising, Miscellaneous expenses, Insurance expense, regulatory expense, Environmental expense, Dues and Donations Filed Direct, Surrebuttal/True-Up

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-2019-0316/ EO-2019-0317	KCPL	Electric	RES Compliance Plan
EO-2019-0396	City of Gallatin	Electric	Addendum to Territorial Agreement
ER-2019-0374			
EO-2020-0060	Farmers' Electric	Electric	Territorial Agreement
EO-2020-0329/ EO-2020-0330	Evergy Metro	Electric	RES Compliance
EO-2020-0331/ EO-2020-0332	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
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/ ER-2022-0130	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-2024-0037	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
EO-2025-0283	Evergy West	Electric	RES Compliance
EO-2025-0282	Evergy Metro	Electric	RES Compliance
EA-2024-0292	Evergy	Electric	Solar CCN
HO-2025-0244	Evergy	Steam	Depreciation Accounting Order
EO-2025-0154	Evergy	Electric	Renewable Programs
ER-2024-0261	Empire	Electric	Electrification Program
ET-2025-0154	Ameren	Electric	Renewable Programs
EE-2026-0114	Ameren	Electric	RES Variance
EA-2025-0238	Ameren	Electric	CCN
EA-2025-0239	Ameren	Electric	CCN
ER-2021-0312	Empire	Electric	Tariff Update

CREDENTIALS AND CASE PARTICIPATION OF
MALACHI BOWMAN

PRESENT POSITION:

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

EDUCATIONAL BACKGROUND AND WORK EXPERIENCE:

I received my Bachelors of Science degree in Mechanical Engineering from the University of Kansas in December of 2020. I was employed as a Sales Engineer in the commercial heating, ventilation, & air conditioning (“HVAC”) industry from 2022-2024. I have been employed by the Commission since May of 2024 as an Associate Engineer.

CASE PARTICIPATION:

Company	Case Number	Issues
Missouri-American Water Company	WR-2024-0320	Depreciation
Holtgrewe Farms	WR-2024-0343 & SR-2024-0344	Depreciation
Ameren Missouri	EA-2024-0237	CCN – Staff Report
Ameren Transmission Company of Illinois	EA-2024-0302	CCN – Staff Report
Ameren Transmission Company of Illinois	EA-2025-0087	CCN – Staff Report
Ameren Missouri (Gas)	GR-2024-0369	Depreciation
Spire (Gas)	GR-2025-0107	Depreciation
Empire (Electric)	ER-2024-0261	Depreciation
Ameren Missouri (Electric)	EA-2025-0238	CCN – Staff Report
Ameren Missouri (Electric)	EA-2025-0239	CCN – Staff Report

CLAIRE M. EUBANKS, PE

PRESENT POSITION:

I am the Division Director of the Industry Analysis Division of the Missouri Public Service Commission. As Division Director, I oversee all aspects of the Industry Analysis Staff. Industry Analysis consists of seven departments: Tariff and Rate Design, Engineering Analysis, Energy Resources, Energy Planning, Water Sewer Gas and Steam, Manufactured Housing, and Safety Engineering.

EDUCATIONAL BACKGROUND AND WORK EXPERIENCE:

I received my Bachelor of Science degree in Environmental Engineering from the University of Missouri – Rolla, now Missouri University of Science and Technology, in May 2006. I am a licensed professional engineer in the states of Missouri and Arkansas. Immediately after graduating from UMR, I began my career with Aquaterra Environmental Solutions, Inc., now SCS Aquaterra, an engineering consulting firm based in Overland Park, Kansas. During my time with Aquaterra, I worked on various engineering projects related to the design, construction oversight, and environmental compliance of solid waste landfills. I began my employment with the Commission in November 2012. I managed the Engineering Analysis department beginning in April 2020 and was promoted to my current position in December 2025.

Currently, I am the co-chair of the NARUC Staff subcommittee on Electric Reliability & Resilience.

CASE HISTORY:

Case Number	Utility	Type	Issue
EA-2012-0281	Ameren	Rebuttal	Certificate of Convenience and Necessity
EC-2013-0379 EC-2013-0380	KCP&L KCP&L GMO	Rebuttal	RES Compliance
EO-2013-0458	Empire	Memorandum	RES Compliance Plan & Report
EO-2013-0462	Ameren	Memorandum	RES Compliance Report
EO-2013-0503	Ameren	Memorandum	RES Compliance Plan
EO-2013-0504	KCP&L	Memorandum	RES Compliance Plan & Report
EO-2013-0505	GMO	Memorandum	RES Compliance Plan & Report
ET-2014-0059	KCP&L GMO	Rebuttal	RES Retail Rate Impact
ET-2014-0071	KCP&L	Rebuttal	RES Retail Rate Impact
ET-2014-0085	Ameren	Rebuttal	RES Retail Rate Impact
ER-2014-0258	Ameren	Cost of Service Report, Surrebuttal	RES, In-Service

Case Number	Utility	Type	Issue
EO-2014-0151	KCP&L GMO	Memorandum	RESRAM
EO-2014-0357	Electric	Memorandum	Solar Rebates Payments
EO-2014-0287	KCPL	Memorandum	RES Compliance Plan
EO-2014-0288	GMO	Memorandum	RES Compliance Plan
EO-2014-0289	KCPL	Memorandum	RES Compliance Report
EO-2014-0290	GMO	Memorandum	RES Compliance Plan
ER-2014-0370	KCP&L	Cost of Service Report	RES
EX-2014-0352	N/A	Live Comments	RES rulemaking
EC-2015-0155	GMO	Memorandum	Solar Rebate Complaint
EO-2015-0260	Empire	Memorandum	RES Compliance Plan & Report
EO-2015-0263	KCPL	Memorandum	RES Compliance Report
EO-2015-0264	GMO	Memorandum	RES Compliance Report
EO-2015-0265	KCPL	Memorandum	RES Compliance Plan
EO-2015-0266	GMO	Memorandum	RES Compliance Plan
EO-2015-0267	Ameren	Memorandum	RES Compliance Plan & Report
EO-2015-0252	GMO	Staff Report	Integrated Resource Plan – Renewable Energy Standard
EO-2015-0254	KCPL	Staff Report	Integrated Resource Plan – Renewable Energy Standard
EA-2015-0256	KCP&L GMO	Live Testimony	Greenwood Solar CCN
EO-2015-0279	Empire	Memorandum	RES Compliance Plan & Report
ET-2016-0185	KCP&L	Memorandum	Solar Rebate Tariff Suspension
EO-2016-0280	KCPL	Memorandum	RES Compliance Report
EO-2016-0281	GMO	Memorandum	RES Compliance Report
EO-2016-0282	KCPL	Memorandum	RES Compliance Plan
EO-2016-0283	GMO	Memorandum	RES Compliance Plan
EO-2016-0284	Ameren	Memorandum	RES Compliance Plan & Report
ER-2016-0023	Empire	Report	RES
ER-2016-0156	KCP&L GMO	Rebuttal	RESRAM Prudence Review
EA-2016-0208	Ameren	Rebuttal	Certificate of Convenience and Necessity

Case Number	Utility	Type	Issue
ER-2016-0285	KCPL	Cost of Service Report	In-Service, Greenwood Solar
ER-2016-0179	Ameren	Rebuttal	In-Service, Labadie Landfill
EW-2017-0245	Electric	Report	Working Case on Emerging Issues in Utility Regulation
EO-2017-0268	Ameren	Memorandum	RES Compliance Plan & Report
EO-2017-0269	KCPL	Memorandum	RES Compliance Report
EO-2017-0271	KCPL	Memorandum	RES Compliance Plan
GR-2017-0215 & GR-2017-0216	Spire	Rebuttal & Surrebuttal	CHP for Critical Infrastructure
GR-2018-0013	Liberty Utilities (Midstates Natural Gas)	Rebuttal	CHP Outreach Initiative for Critical Infrastructure Resiliency
EO-2018-0287	Ameren	Memorandum	RES Compliance Plan & Report
EO-2018-0288	KCPL	Memorandum	RES Compliance Report
EO-2018-0290	KCPL	Memorandum	RES Compliance Plan
EA-2016-0207	Ameren	Memorandum	Certificate of Convenience and Necessity
ER-2018-0146	GMO	Cost of Service Report	RESRAM Prudence Review
ER-2018-0145 ER-2018-0146	KCPL GMO	Class Cost of Service Report, Rebuttal	Solar Subscription Pilot Rider, Standby Service Rider
EA-2018-0202	Ameren	Staff Report	Certificate of Convenience and Necessity
EE-2019-0076	Ameren	Memorandum	Variance Request – Reliability Reporting
EA-2019-0021	Ameren	Staff Report	Certificate of Convenience and Necessity
EA-2019-0010	Empire	Staff Report	Certificate of Convenience and Necessity
EX-2019-0050	N/A	Live Comments	Renewable Energy Standard
EO-2019-0315	KCPL	Memorandum in Response to Commission Questions	Renewable Energy Standard
EO-2019-0316	GMO	Memorandum	Renewable Energy Standard

Case Number	Utility	Type	Issue
EO-2019-0317	KCPL	Memorandum in Response to Commission Questions	Renewable Energy Standard
EO-2019-0318	GMO	Memorandum	Renewable Energy Standard
ER-2019-0335	Ameren	Cost of Service Report	Renewable Energy Standard, In-Service Criteria
EA-2019-0371	Ameren	Staff Report	Certificate of Convenience and Necessity
EO-2020-0329	Evergy Missouri Metro	Memorandum	Renewable Energy Standard
EO-2020-0330	Evergy Missouri West	Memorandum	Renewable Energy Standard
EE-2021-0237	Evergy Missouri Metro	Memorandum	Cogeneration Tariff
EE-2021-0238	Evergy Missouri West	Memorandum	Cogeneration Tariff
EE-2021-0180	Ameren Missouri	Memorandum	Electric Meter Variance
ET-2021-0151 and 0269	Evergy	Memorandum, Rebuttal Report	Transportation Electrification
AO-2021-0264	Various	Staff Report	February 2021 Cold Weather Event
EW-2021-0104	n/a	Staff Report	RTO Membership
EW-2021-0077	n/a	Staff Report	FERC Order 2222
EO-2021-0339	Evergy Missouri West	Memorandum	Territorial Agreement
GR-2021-0108	Spire	Rebuttal	Automated Meter Reading Opt-out Tariff
EA-2021-0087	ATXI	Rebuttal Report	Certificate of Convenience and Necessity
ER-2021-0240	Ameren Missouri	Cost of Service Report Rebuttal	In-Service Bat Mitigation
ER-2021-0312	Empire	Cost of Service Report	Construction Audit – Engineering Review, In-service
EO-2022-0061	Evergy Missouri West	Surrebuttal	Special Rate/ Renewable Energy Standard

Case Number	Utility	Type	Issue
EA-2022-0099	ATXI	Rebuttal	Certificate of Convenience and Necessity
EA-2022-0234	NextEra Energy Transmission	Rebuttal	Certificate of Convenience and Necessity
ER-2022-0129	Evergy Missouri West	Direct Rebuttal	Advanced Metering Infrastructure, Reliability, Transmission & Distribution Investment, PISA reporting, Misc. Tariff issues
ER-2022-0130	Evergy Missouri Metro	Direct Rebuttal Surrebuttal/True-Up	Advanced Metering Infrastructure, Reliability, Transmission & Distribution Investment, PISA reporting, Misc. Tariff issues
EE-2022-0329	Ameren Missouri	Memorandum	Variance Request
GR-2022-0179	Spire Missouri	Direct Rebuttal	Metering Infrastructure
ER-2022-0337	Ameren Missouri	Direct Rebuttal Surrebuttal/True-Up	Rush Island, Smart Energy Plan, High Prairie
EA-2023-0017	Grain Belt	Rebuttal	Certificate of Convenience and Necessity
ET-2023-0250	Empire	Memorandum	Cogeneration/ Net Metering Tariff
GE-2023-0196	Empire District Gas Company	Memorandum	Variance Request
EO-2023-0423 EO-2023-0424	Evergy	Memorandum	Solar Subscription Program
EC-2024-0108	Ameren Missouri	Staff Report	Complaint
EA-2024-0147	ATXI	Memorandum	Certificate of Convenience and Necessity
EO-2024-0231	Ameren Missouri	Memorandum	Renewable Energy Standard
EE-2024-0335	Evergy Missouri Metro	Memorandum	Electric Meter Variance
EF-2024-0021	Ameren Missouri	Rebuttal Surrebuttal	Securitization
ER-2024-0189	Evergy Missouri West	Direct Rebuttal Surrebuttal	In-service, Distribution Reliability, Net Metering

Case Number	Utility	Type	Issue
GR-2024-0106	Liberty Midstates	Direct Surrebuttal	Mains, Meters, and Service Lines
ER-2024-0319	Ameren Missouri	Direct, Rebuttal, Surrebuttal / True-Up Direct	High Prairie, Rush Island, Energy Delivery Projects
EE-2025-0158	Evergy Missouri Metro	Memorandum	Electric Meter Variance
GR-2025-0107	Spire Missouri	Direct, Rebuttal	CPR Audit, Stranded Meters
ET-2025-0286	Evergy Missouri Metro	Memorandum	TOU Net Metering
EA-2025-0087	ATXI	Staff Recommendation	Certificate of Convenience and Necessity
EE-2025-0322	Ameren Missouri	Memorandum	Reporting Variance
ER-2024-0261	Empire District Electric	Direct, Rebuttal, Surrebuttal/True-Up Direct	Transmission & Distribution Projects, Reliability
EA-2025-0344	Ameren Missouri	Staff Recommendation	Certificate of Convenience and Necessity
EO-2025-0154	Evergy	Staff Recommendation	Large Load Tariff
EA-2024-0302	ATXI	Surrebuttal	Certificate of Convenience and Necessity
ET-2025-0184	Ameren Missouri	Staff Recommendation, Surrebuttal	Large Load Tariff
OO-2025-0233	Liberty Utilities	Staff Investigation Report	Net-metering
ER-2026-0143	Evergy Missouri Metro	Direct Cost of Service	Large Load Policy

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, and I am a Registered Professional Engineer in the State of Missouri.

After graduation, I was initially employed as a consultant Designer (Engineer-In-Training) by Central Missouri Professional Services from June 1998 through May 2003.

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).

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.

I have been employed as a staff member with the Missouri Public Service Commission from December 2024 through the present (currently May 2026). To date, I have not testified before the Missouri Public Service Commission.

Testimony Filed:

Case Number	Utility	Testimony	Issue
EA-2025-0299	Liberty / Empire	Staff Report	Exec. Summary; Application Summary; Review Application for Rule Requirements; Qualifications of Liberty to Construct, Own, Operate, and Maintain; Overall Summary / Conclusion; Siting
EA-2025-0028	Ameren Missouri	Staff Report	Application Requirements, Qualifications, Public Interest, Recommended Conditions
EA-2024-0292	Evergy Missouri West	Staff Report	Application Requirements, Qualifications, Siting Study, Recommended Conditions
EA-2025-0075	Evergy Missouri West / Evergy Missouri Metro	Staff Report	Qualifications, Siting Study, Recommended Conditions

Case Number	Utility	Testimony	Issue
EA-2025-0087	Ameren Transmission Company of Illinois (ATXI)	Staff Report	Qualifications, Public Interest, Recommended Conditions, Routing Study
EA-2025-0222	Ameren Transmission Company of Illinois (ATXI)	Staff Report	Executive Summary, Tartan Analysis – Need, Tartan Analysis – Routing and Conditions
EA-2025-0238	Ameren Missouri	Staff Report	Tartan Public Interest – Consumer Comments, BESS Safety, Contributed to the Restoration/ Operational Plans section
EA-2025-0239	Ameren Missouri	Staff Report	<u>General</u> – Review Application Rule Requirements <u>Tartan Factors</u> – Qualification of Ameren to Construct, Own, Operate, and Maintain <u>Public Interest</u> – Consumer Comments –Siting Evaluation –Construction Reporting/ Bid Evaluation (RFP Scoring)
EA-2026-0018	Ameren Missouri	Memorandum	<u>General</u> – Review Application Rule Requirements <u>Tartan Factors</u> – Qualification of Ameren to Construct, Own, Operate, and Maintain <u>Public Interest</u> – Consumer Comments –Siting Evaluation –Construction

Case Number	Utility	Testimony	Issue
EE-2026-0234	Ameren Missouri	Memorandum	Review, evaluation and recommendation for a Vegetation Management Variance
WR-2025-0292	Environmental Utilities, LLC	Staff Report	Depreciation Rate Recommendation

Randall 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. In July 2024 I moved to the Tariff and Rate Design Department of the Industry Analysis Division as a Research and Data Analyst and in November 2025, I was promoted to the position of Senior Research and Data Analyst with the same department.

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
Confluence Rivers Utility Operating Company, Inc.	WA-2023-0026	CCN – Staff Recommendation	Water
Liberty Utilities (Midstates Natural Gas) Corp., d/b/a Liberty	GF-2023-0280	Finance – Staff Memorandum	Gas
Confluence Rivers Utility Operating Company, Inc.	WA-2023-0284	CCN – Staff Recommendation	Water
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
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
The Empire District Electric Company d/b/a Liberty	ER-2024-0261	Rate Case – Direct and Rebuttal Testimony	Electric

Company Name	Case Number	Case Type / Type of Testimony or Filing	Utility
Evergy Missouri West, Inc., d/b/a Evergy Missouri West	EA-2024-0292	CCN – Staff Recommendation	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	DSIM Rider Rate Adjustment and Rate Tariff Sheet – Memorandum	Electric
Evergy Missouri West, Inc., d/b/a Evergy Missouri West	EO-2025-0174	DSIM Rider Rate Adjustment and Rate Tariff Sheet – Memorandum	Electric
Evergy Missouri West, Inc. Evergy Missouri Metro, Inc.	EE-2025-0084	Tariff Variances	Electric
Union Electric Company, d/b/a Ameren Missouri	EA-2025-0239	CCN – Staff Recommendation	Electric
The Empire District Electric Company d/b/a Liberty	EA-2025-0299	CCN – Staff Recommendation	Electric
Evergy Missouri Metro, Inc., d/b/a Evergy Missouri Metro	EO-2025-0325	DSIM Rider Rate Adjustment and Rate Tariff Sheet – Memorandum	Electric
Evergy Missouri West, Inc., d/b/a Evergy Missouri West	EO-2025-0326	DSIM Rider Rate Adjustment and Rate Tariff Sheet – Memorandum	Electric
Union Electric Company, d/b/a Ameren Missouri	ER-2026-0081	RESRAM Adjustment Mechanism – Memorandum	Electric
Evergy Missouri West, Inc., d/b/a Evergy Missouri West	ET-2026-0086	RESRAM Adjustment Mechanism – Memorandum	Electric
Evergy Missouri Metro, Inc., d/b/a Evergy Missouri Metro	EO-2026-0138	DSIM Rider Rate Adjustment and Rate Tariff Sheet – Memorandum	Electric
Evergy Missouri West, Inc., d/b/a Evergy Missouri West	EO-2026-0139	DSIM Rider Rate Adjustment and Rate Tariff Sheet – Memorandum	Electric

Credentials and Background of J Luebbert

I have a Bachelor of Science degree in Biological Engineering from the University of Missouri. My work experience prior to becoming a member of the Missouri Public Service Commission Staff includes three years of regulatory work for the Missouri Department of Natural Resources.

I am currently employed as the manager of the Tariff/Rate Design Department of the Industry Analysis Division of the Missouri Public Service Commission Staff. Prior to holding my current position, I was employed as Case Manager of the Commission Staff Division, Associate Engineer of the Engineering Analysis Department of the Industry Analysis Division, and as a Utility Engineering Specialist III in the Energy Resources Department of the Commission Staff Division. I have been employed at the Missouri Public Service Commission since March 2016 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 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

Case Number	Company	Issues
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
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

Case Number	Company	Issues
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 Evergy Missouri Metro	Data retention
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
ER-2024-0261	Empire District Electric Company	Large Load Customer Service tariff
EA-2024-0292	Evergy Missouri West	Economic Feasibility and Decisional Prudence
EA-2025-0075	Evergy Missouri West	Economic Feasibility and Decisional Prudence
EA-2025-0087	Ameren Transmission Company of Illinois	Economic Feasibility
EO-2025-0154	Evergy Missouri Metro Evergy Missouri West	Large Load Customer Service tariff / RTO impact
ET-2025-0184	Ameren Missouri	Large Load Customer Service tariff / RTO impact
EA-2025-0238	Ameren Missouri	Public interest
OO-2025-0233	Empire District Electric Company	Billing determinants and estimated interval data
EA-2025-0299	Empire District Electric Company	Decisional Prudence
ER-2026-0143	Evergy Missouri Metro	Incremental Transmission Expense

CREDENTIALS AND CASE PARTICIPATION OF **BRODRICK NIEMEIER**

Present Position:

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

Educational Background and Work Experience:

In December 2021, I received a Bachelor of Science Degree in Chemical Engineering from Missouri University of Science and Technology. I joined the Commission Staff in March 2022.

Testimony Filed:

Case Number	Utility	Testimony	Issue
GE-2018-0193	Summit Natural Gas of Missouri	Staff Report	Meter Inspections
EA-2022-0244	Ameren Missouri	Rebuttal	Qualifications and Report Requirements
EO-2022-0320	Evergy Missouri West	Staff Report	Change of Provider
WA-2022-0361	Missouri American Water Company	Staff Report	Depreciation
WA-2023-0026	Confluence Rivers	Staff Report	Depreciation
WA-2023-0071	Missouri American Water Company	Staff Report	Depreciation
EO-2023-0105	Evergy Missouri West	Staff Report	Change of Provider
GE-2023-0196	Liberty (Empire) Gas	Staff Report	Meter Inspections
GE-2023-0354	Spire Missouri	Staff Report	Meter Inspections
EO-2024-0035	Evergy Missouri West	Staff Report	Change of Provider
EO-2024-0142	Evergy Missouri West	Staff Report	Change of Provider
EO-2024-0161	Evergy Missouri West	Staff Report	Change of Provider
EA-2023-0131	Liberty (Empire) Electric	Staff Report	Application Requirements,

			Qualifications, Maintenance and Forced Outages, and Operating Plans
ER-2024-0189	Evergy Missouri West	Direct, Rebuttal, True-up	Fuel and Purchased Power Cost
GE-2024-0345	Summit Natural Gas of Missouri	Staff Report	Meter Inspections
EA-2024-0237	Ameren Missouri	Staff Report	Application Requirements
ER-2024-0319	Ameren Missouri	Direct, True-up	Solar In-service Criteria
EO-2025-0223	Liberty (Empire) Electric	Report	Territorial Agreement
EA-2025-0075	Evergy Missouri West	Report	Public Interest and Application Requirements
ER-2024-0261	Liberty (Empire) Electric	Direct, True-Up	Plant additions and Modifications, Riverton 10 Repair
EO-2025-0154	Evergy Missouri West Evergy Missouri Metro	Rebuttal Report, Surrebuttal	System Support Rider, Customer Capacity Rider, Demand Response & Local Generation Rider
ET-2025-0184	Ameren Missouri	Report	Electric Service Agreement
EA-2025-0238	Ameren Missouri	Report	BESS In-Service Criteria
ER-2026-0143	Evergy Missouri Metro	Direct	Variable Fuel and Purchased Power Cost

CREDENTIALS AND CASE PARTICIPATION OF
HARI K. POUDEL, PhD

Current Position

Currently, I am employed as an economist in the Tariff/Rate Department of the Industry Analysis Division at the Missouri Public Service Commission ("Commission"). The Department of Tariff and Rate Design take 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 primarily responsible for using quantitative economic techniques and statistical analysis to address energy-related challenges that influence utility ratemaking. I am also responsible for the class cost of service study and rate design. Therefore, the economist performs core functions like determining a utility's legitimate revenue requirement, designing rate structures for different customer classes, and reviewing economic modeling.

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 also received a graduate certificate in Public Utility Regulation & Economics from the New Mexico State University in May 2025. 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.	EA-2023-0286	Ameren Missouri	Economic Feasibility
17.	ER-2024-0189	Evergy Missouri West, Inc.	MEEIA, Net Margin Rate, Economic Development Riders, PISA Compliance
18.	GR-2024-0106	Liberty Utilities	Weather Normalization, 365 Days-Adjustment
19.	ER-2024-0319	Ameren Missouri	Energy Efficiency Adjustment, Marginal Rate Analysis, Rebound Effect, Economic Development Riders
20.	ER-2024-0319	Ameren Missouri	Rate Design
21.	EA-2024-0292	Evergy Missouri West, Inc.	Economic Feasibility
22.	ER-2024-0261	Empire	Energy Efficiency Adjustment, Lighting Revenue
23.	ER-2024-0261	Empire	Rate Design Class Cost of Service
24.	EA-2025-0238	Ameren Missouri	Economic Feasibility
25.	EA-2025-0239	Ameren Missouri	Economic Feasibility

**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
Seoung Joun Won, PhD**

<u>Case Number</u>	<u>Company</u>	<u>Issue</u>
GA-2026-0282	Spire Missouri, Inc. d/b/a Spire	Financial Capability
EA-2025-0299	Empire District Electric Company, d/b/a Liberty	Financial Capability
GO-2026-0122	Spire Missouri, Inc. d/b/a Spire	Financial Capability
GA-2026-0121	Spire Missouri, Inc. d/b/a Spire	Financial Capability
EA-2026-0018	Union Electric Co., d/b/a Ameren Missouri	Financial Capability
EA-2025-0239	Union Electric Co., d/b/a Ameren Missouri	Financial Capability
EF-2026-0106	Union Electric Co., d/b/a Ameren Missouri	Financing Authority
EA-2025-0238	Union Electric Co., d/b/a Ameren Missouri	Financial Capability
EA-2025-0222	Ameren Transmission Company of Illinois	Financial Capability
WA-2025-0298	Missouri-American Water Company	Financial Capability
EA-2025-0087	Ameren Transmission Company of Illinois	Financial Capability
EA-2025-0075	Evergy Metro Inc., d/b/a Evergy Missouri Metro; Evergy Missouri West, Inc. d/b/a Evergy Missouri West	Financial Capability
GR-2025-0107	Spire Missouri, Inc. d/b/a Spire	Rate of Return, Capital Structure
EA-2024-0292	Evergy Missouri West, Inc. d/b/a Evergy Missouri West	Financial Capability
EA-2025-0028	Union Electric Co., d/b/a Ameren Missouri	Financial Capability

<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

<u>Case Number</u>	<u>Company</u>	<u>Issue</u>
EA-2023-0017	Grain Belt Express LLC	Financial Capability
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	Eversource Missouri West, Inc. d/b/a Eversource 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	Eversource Missouri West, Inc., d/b/a Eversource Missouri West	Rate of Return, Capital Structure
ER-2022-0129	Eversource Metro Inc., d/b/a Eversource Missouri Metro	Rate of Return, Capital Structure
EF-2022- 0103	Eversource Missouri West, Inc.	Financing Authority
WF-2022-0066	Missouri American Water Company	Financing Authority

<u>Case Number</u>	<u>Company</u>	<u>Issue</u>
WF-2021-0427	Raytown Water Company	Financing Authority
GR-2021-0320	Empire District Gas Company	Rate of Return, Capital Structure
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 Process Efficiency
EO-2019-0132	Kansas City Power & Light Company, Evergy Metro	Business Process Efficiency

<u>Case Number</u>	<u>Company</u>	<u>Issue</u>
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
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

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

<u>Case Number</u>	<u>Company</u>	<u>Issue</u>
ER-2010-0355	Kansas City Power & Light Co.	Weather Variables, Revenue

Work Related Publication

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