

MISSOURI PUBLIC SERVICE COMMISSION

STAFF REPORT

COST OF SERVICE

APPENDIX 1

Staff Credentials

**UNION ELECTRIC COMPANY,
d/b/a Ameren Missouri**

CASE NO. GR-2021-0241

*Jefferson City, Missouri
September 2021*

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APPENDIX 1

STAFF CREDENTIALS

**UNION ELECTRIC COMPANY,
d/b/a Ameren Missouri**

Case No. GR-2021-0241

Amenthor, Paul K.1

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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 Economic 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 II, 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>
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 (Electric)	EA-2019-0371	CCN Filing
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

MICHELLE A. BOCKLAGE

Present Position

I am currently employed as a Senior Research/Data Analyst with the Tariff/Rate Design Department within the Industry Analysis Division of the Missouri Public Service Commission (Commission). The Tariff/Rate Design Department participates and makes recommendations on tariff filings and various case filings at the Commission; such as, rate, complaint, applications, territorial agreements, sales and merger cases. We also perform and provide technical support on the issues of rate design, class-cost-of-service studies and weather normalizations.

Educational and Employment Background and Credentials

I have been employed as a Senior Research/Data Analyst within the Tariff/Rate Design Department since July 16, 2013. I began my employment with the Commission as a Clerk IV in December 1997. In June 1999, I moved to the Consumer Services section where my responsibilities included investigating informal and formal consumer complaints for compliance with the rules and regulations of the Commission. In January 2011, I moved to the Energy Resource Analysis section where my testimony and responsibility topics included tariff issues relating to Missouri Energy Efficiency Investment Act (MEEIA), Fuel Adjustment Clause (FAC), and promotional programs. Prior to joining the Commission I was employed by the Missouri Department of Transportation.

In December 2010, I earned a Bachelor of Science degree in Business Administration with majors in Management and Human Resources Management from Columbia College. In May 2014, I earned a Masters in Business Administration degree from Columbia College.

MICHELLE A. BOCKLAGE

Case Participation

<u>Case Number</u>	<u>Company Name</u>	<u>Testimony Type</u>	<u>Issue(s)</u>
EO-2012-0009	Greater Missouri Operations	Rebuttal	Tariff Issue
EO-2012-0142	Ameren Missouri	Rebuttal	Tariff Issue
EO-2012-0142	Ameren Missouri	Surrebuttal	Tariff Issue
GR-2014-0007	Laclede Gas Co.	Cost of Service Report	Weather Normalization
GR-2014-0086	Summit Natural Gas	Cost of Service Report	Weather Normalization
GR-2014-0086	Summit Natural Gas	Rebuttal	Weather Normalization
GR-2014-0086	Summit Natural Gas	Surrebuttal	Weather Normalization
ER-2016-0179	Ameren Missouri	Cost of Service Report	Weather Normalization
ER-2016-0023	Empire District Electric Company	Cost of Service Report	Weather Normalization
GR-2017-0215	Laclede Gas Company	Cost of Service Report	Weather Normalization
GR-2017-0215	Laclede Gas Company	Rebuttal	Weather Normalization
GR-2018-0013	Liberty Utilities	Cost of Service	Case Manager
GR-2018-0013	Liberty Utilities	Class Cost of Service	Case Manager
ER-2019-0374	Empire Gas Utilities	Cost of Service	Co-Case Coordinator and Revenues
ER-2019-0374	Empire Gas Utilities	Class Cost of Service	Co-Case Coordinator and Tariff Issues
GR-2021-0241	Ameren Missouri	Cost of Service	Revenues

Kimberly K. Bolin

Present Position:

I am a Utility Regulatory Manager for the Missouri Public Service Commission. As a Utility Regulatory Manager in this proceeding, I am responsible for the supervision of other Commission employees.

Educational Credentials and Work Experience:

I graduated from Central Missouri State University in Warrensburg, Missouri, with a Bachelor of Science in Business Administration, major emphasis in Accounting, in May 1993. Prior to working at the Commission, I was employed by the Missouri Office of the Public Counsel (OPC) as a Public Utility Accountant from September 1994 to April 2005. OPC represents residential and small commercial customers before the Commission. I have been employed by this Commission or by OPC as a Regulatory Auditor for over 25 years, and have submitted testimony on ratemaking matters numerous times before the Commission.

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**CASE PARTICIPATION
OF
KIMBERLY K. BOLIN**

<u>Company Name</u>	<u>Case Number</u>	<u>Testimony/Issues</u>	<u>Contested or Settled</u>
Evergy Missouri Metro and Evergy Missouri West	ET-2021-0151	<u>Rebuttal Report</u> – Accounting	Pending
Spire Missouri	GR-2021-0108	<u>Cost of Service Report</u> – COVID-19 AAO Recovery <u>Surrebuttal</u> – Trackers	Settled
Missouri-American Water Company	WR-2020-0344	<u>Cost of Service Report</u> – Future Test Year, Credit Card Fee Expense, Amortization of Excess ADIT, COVID-19 AAO Recovery <u>Rebuttal</u> – Future Test Year, COVID-19 AAO Recovery, Amortization of Excess ADIT, Affiliate Transactions, AFUDC Rate <u>Surrebuttal</u> – Future Test Year, COVID-19 AAO, Tax Cut and Jobs Act of 2017, Outside Services, COVID Impacts on Revenue	Settled
Spire Missouri, Inc.	GU-2020-0376	<u>Rebuttal</u> – Accounting Authority Order, Lost Revenues	Settled
Evergy Metro, Inc., d/b/a Evergy Missouri Metro and Evergy Missouri West, Inc. d/b/a Evergy Missouri West	EU-2020-0350	<u>Rebuttal</u> – Accounting Authority Order, Lost Revenue, Carrying Costs	Contested
Empire District Electric Company	ER-2020-0311	<u>Rebuttal</u> – Coal Inventory Adjustment <u>Surrebuttal</u> – Coal Inventory Adjustment	Settled

**CASE PARTICIPATION
OF
KIMBERLY K. BOLIN**

<u>Company Name</u>	<u>Case Number</u>	<u>Testimony/Issues</u>	<u>Contested or Settled</u>
Empire District Electric Company	ER-2019-0374	<p><u>Direct</u> – Overview of Staff’s Filing <u>Cost of Service Report</u> – Executive Overview, Test year/True-Up Period, Vegetation Management Tracker Regulatory Asset, Iatan and Plum Point Carrying Costs, Stub Period Tax Cut/Removal of Tax Impact, Tornado AAO, Rate Case Expense Sharing, Credit Card Fees, Clearing Accounts <u>Rebuttal</u> – Asset Retirement Obligations, AAO and Tracker Policy, Affiliate Transactions <u>Surrebuttal/True-Up</u> – Unamortized Balance of Joplin AAO, Credit Card Fees, Payroll Test year, Rate Case Expense Sharing, LED Lighting, Low-Income Pilot Program Amortization, Affiliate Transactions <u>Supplemental</u> – Jurisdictional Allocations, Rate Case Expense, Management Expense, Pension and OPEBs, Affiliate Transactions, Software Maintenance</p>	Contested
Confluence Rivers Utility Operating Co., Inc.	WA-2019-0299	<p><u>Surrebuttal</u> – Quality of Service <u>Direct</u> – Net Book Value of Plant</p>	Contested
Osage Utility Operating Co., Inc.	WA-2019-0185	<u>Surrebuttal</u> – Rate Base, Acquisition Incentive	Contested
Spire Inc.	GO-2019-0115 and GO-2019-116	<u>Staff Direct Report</u> – Blanket Work Orders and Current Income Taxes	Contested
Empire District Electric Company and Liberty Utilities	AO-2018-0179	<p><u>Direct</u> – Moneypool <u>Surrebuttal</u> - Moneypool</p>	Contested
Confluence Rivers Utility Operating Company, Inc.	WM-2018-0116 and SM-2018-0117	<u>Direct</u> – Rate Base, Roy L Utilities	Settled

**CASE PARTICIPATION
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<u>Company Name</u>	<u>Case Number</u>	<u>Testimony/Issues</u>	<u>Contested or Settled</u>
Spire Missouri Inc.	GO-2016-0332, GO-2016-0333, GO-2017-0201, GO-2017-0202 GO-2018-0309 and GO-2018-0310	<u>Direct</u> – Removal of Plastic Main and Service Line Replacement Costs	Contested
Missouri-American Water Company	WR-2017-0285	<u>Cost of Service Report</u> – Pension/OPEB Tracker, FAS 87 Pension Costs, FAS 106 OPEBs Costs, Franchise Taxes <u>Rebuttal</u> –Defined Contribution Plan, Cloud Computing, Affiliate Transaction Rule (Water Utility) <u>Surrebuttal</u> – Rate Case Expense	Settled
Missouri-American Water Company	WO-2018-0059	<u>Direct</u> – ISRS Overview, Accumulated Deferred Income Taxes, Reconciliation	
Missouri Gas Energy and Laclede Gas Company	GO-2016-0332 and GO-2016-0333	<u>Rebuttal</u> – Inclusion of Plastic Main and Service Line Replacements	Contested
Empire District Electric Company/Liberty Utilities	EM-2016-0213	<u>Rebuttal</u> – Overview of Transaction, Ratemaking /Accounting Conditions, Access to Records <u>Surrebuttal</u> – OPC Recommended Conditions, SERP	Settled
Hillcrest Utility Operating Company, Inc.	WR-2016-0064	<u>Direct</u> – Partial Disposition Agreement	Contested
Empire District Electric Company	ER-2016-0023	<u>Requirement Report</u> – Riverton Conversion Project and Asbury Air Quality Control System <u>Direct</u> – Overview of Staff’s Revenue Requirement Report and Overview of Staff’s Rate Design Filing	Settled
Missouri-American Water Company	WR-2015-0301	<u>Report on Cost of Service</u> – Corporate Allocation, District Allocations <u>Rebuttal</u> – District Allocations, Business Transformation <u>Surrebuttal</u> – District Allocations, Business Transformation, Service Company Costs	Settled

**CASE PARTICIPATION
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<u>Company Name</u>	<u>Case Number</u>	<u>Testimony/Issues</u>	<u>Contested or Settled</u>
Empire District Electric Company	ER-2014-0351	<u>Direct</u> – Overview of Staff’s Filing <u>Rebuttal</u> - ITC Over-Collection, Cost of Removal Deferred Tax Amortization, State Flow-Through <u>Surrebuttal</u> – Unamortized Balance of Joplin Tornado, ITC Over-Collections, Cost of Removal Deferred Tax Amortization, State Flow-Through, Transmission Revenues and Expenses	Settled
Brandco Investments/Hillcrest Utility Operating Company, Inc.	WO-2014-0340	<u>Rebuttal</u> – Rate Base and Future Rates	Settled
Lake Region Water & Sewer	WR-2013-0461	<u>Direct</u> – Overview of Staff’s Filing <u>Report on Cost of Service</u> – True-Up, Availability Fees, Sewer Operating Expense, Sewer Equipment Maintenance Expense <u>Surrebuttal</u> – Availability Fees <u>True-Up Direct</u> – Overview of True-Up Audit <u>True-Up Rebuttal</u> – Corrections to True-Up	Contested
Empire District Electric Company	ER-2012-0345	<u>Direct</u> - Overview of Staff’s Filing <u>Report on Cost of Service</u> – SWPA Hydro Reimbursement, Joplin Tornado AAO Asset, SPP Revenues, SPP Expenses, Regulatory Plan Amortization Impacts, SWPA Amortization, Tornado AAO Amortization <u>Rebuttal</u> – Unamortized Balance of Joplin Tornado AAO, Rate Case Expense, True-Up and Uncontested Issues <u>Surrebuttal</u> – Unamortized Balance of Joplin Tornado AAO, SPP Transmission Expense, True-Up, Advanced Coal Investment Tax Credit	Settled

**CASE PARTICIPATION
OF
KIMBERLY K. BOLIN**

<u>Company Name</u>	<u>Case Number</u>	<u>Testimony/Issues</u>	<u>Contested or Settled</u>
Missouri-American Water Company	WR-2011-0337	<u>Direct</u> – Overview of Staff’s Filing <u>Report on Cost of Service</u> - True-Up Recommendation, Tank Painting Tracker, Tank Painting Expense <u>Rebuttal</u> - Tank Painting Expense, Business Transformation <u>Surrebuttal</u> – Tank Painting Tracker, Acquisition Adjustment	Settled
Missouri-American Water Company	WR-2010-0131	<u>Report on Cost of Service</u> - Pension/OPEB Tracker, Tank Painting Tracker, Deferred Income Taxes, FAS 87 Pension Costs, FAS 106 – Other Post-Employment Benefits, Incentive Compensation, Group Insurance and 401(k) Employer Costs, Tank Painting Expense, Dues and Donations, Advertising Expense, Promotional Items, Current and Deferred Income Tax Expense	Settled
Empire District Gas Company	GR-2009-0434	<u>Report on Cost of Service</u> – Prepaid Pension Asset, Pension Tracker Asset/Liability, Unamortized Accounting Authority Order Balances, Pension Expense, OPEBs, Amortization of Stock Issuance Costs, Amortization of Accounting Authority Orders <u>Direct</u> – Overview of Staff’s Filing	Settled
Laclede Gas Company	GT-2009-0056	<u>Surrebuttal Testimony</u> – Tariff	Contested
Missouri-American Water Company	WR-2008-0311 & SR-2008-0312	<u>Report on Cost of Service</u> – Tank Painting Tracker, Lobbying Costs, PSC Assessment <u>Direct</u> – Overview of Staff’s Filing <u>Rebuttal</u> – True-Up Items, Unamortized Balance of Security AAO, Tank Painting Expense, Fire Hydrant Painting Expense <u>Surrebuttal</u> – Unamortized Balance of Security AAO, Cedar Hill Waste Water Plant, Tank Painting Expense, Fire Hydrant Painting Expense	Settled

**CASE PARTICIPATION
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<u>Company Name</u>	<u>Case Number</u>	<u>Testimony/Issues</u>	<u>Contested or Settled</u>
Missouri Gas Utility, Inc.	GR-2008-0060	<u>Report on Cost of Service</u> – Plant-in Service/Capitalization Policy, Plant-in Service/Purchase Price Valuation, Depreciation Reserve, Revenues, Uncollectible Expense	Settled
Laclede Gas Company	GR-2007-0208	<u>Direct</u> - Test Year and True-Up, Environmental costs, AAOs, Revenue, Miscellaneous Revenue, Gross receipts Tax, Gas Costs, Uncollectibles, EWCR, AMR, Acquisition Adjustment	Settled
Kansas City Power and Light Company	ER-2006-0314	<u>Direct</u> - Gross Receipts Tax, Revenues, Weather Normalization, Customer Growth/Loss Annualization, Large Customer Annualization, Other Revenue, Uncollectible (Bad Debt) Expense, Payroll, A&G Salaries Capitalization Ratio, Payroll Taxes, Employer 401 (k) Match, Other Employee Benefits <u>Surrebuttal</u> - Uncollectible (Bad Debt) Expense, Payroll, A&G Salaries Capitalization Ratio, Other Employee Benefits	Contested
Missouri Gas Energy	GR-2006-0204	<u>Direct</u> - Payroll, Incentive Compensation, Payroll Taxes, Employee Benefits, Lobbying, Customer & Governmental Relations Department, Collections Contract	Settled

**CASE PARTICIPATION
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WHILE EMPLOYED WITH THE OFFICE OF THE PUBLIC COUNSEL

<u>Company Name</u>	<u>Case Number</u>	<u>Testimony/Issues</u>	<u>Contested or Settled</u>
Missouri Gas Energy	GU-2005-0095	<u>Rebuttal</u> - Accounting Authority Order <u>Surrebuttal</u> - Accounting Authority Order	Contested
The Empire District Electric Company	ER-2004-0570	<u>Direct</u> - Payroll	Settled
Missouri American Water Company & Cedar Hill Utility Company	SM-2004-0275	<u>Direct</u> - Acquisition Premium	Settled
Missouri Gas Energy	GR-2004-0209	<u>Direct</u> - Safety Line Replacement Program; Environmental Response Fund; Dues & Donations; Payroll; Customer & Governmental Relations Department Disallowance; Outside Lobbyist Costs <u>Rebuttal</u> - Customer Service; Incentive Compensation; Environmental Response Fund; Lobbying/Legislative Costs <u>True-Up</u> - Rate Case Expense	Contested
Osage Water Company	ST-2003-0562 / WT-2003-0563	<u>Direct</u> - Payroll <u>Rebuttal</u> - Payroll; Lease Payments to Affiliated Company; alleged Legal Requirement of a Reserve	Case Dismissed
Missouri American Water Company	WR-2003-0500	<u>Direct</u> - Acquisition Adjustment; Water Treatment Plant Excess Capacity; Retired Treatment Plan; Affiliated Transactions; Security AAO; Advertising Expense; Customer Correspondence	Settled
Empire District Electric	ER-2002-424	<u>Direct</u> - Dues & Donations; Memberships; Payroll; Security Costs <u>Rebuttal</u> - Energy Traders' Commission <u>Surrebuttal</u> - Energy Traders' Commission	Settled

**CASE PARTICIPATION
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WHILE EMPLOYED WITH THE OFFICE OF THE PUBLIC COUNSEL

<u>Company Name</u>	<u>Case Number</u>	<u>Testimony/Issues</u>	<u>Contested or Settled</u>
Laclede Gas Company	GR-2002-356	<u>Direct</u> - Advertising Expense; Safety Replacement Program and the Copper Service Replacement Program; Dues & Donations; Rate Case Expense <u>Rebuttal</u> - Gas Safety Replacement Program / Deferred Income Taxes for AAOs	Settled
Missouri-American Water Company	WO-2002-273	<u>Rebuttal</u> - Accounting Authority Order <u>Cross-Surrebuttal</u> - Accounting Authority Order	Contested
Environmental Utilities	WA-2002-65	<u>Direct</u> - Water Supply Agreement <u>Rebuttal</u> - Certificate of Convenience & Necessity	Contested
Warren County Water & Sewer	WC-2002-160 / SC-2002-155	<u>Direct</u> - Clean Water Act Violations; DNR Violations; Customer Service; Water Storage Tank; Financial Ability; Management Issues <u>Surrebuttal</u> - Customer Complaints; Poor Management Decisions; Commingling of Regulated & Non-Related Business	Contested
Laclede Gas Company	GR-2001-629	<u>Direct</u> - Advertising Expense; Safety Replacement Program; Dues & Donations; Customer Correspondence	Settled
Gateway Pipeline Company	GM-2001-585	<u>Rebuttal</u> - Acquisition Adjustment; Affiliated Transactions; Company's Strategic Plan	Contested
Empire District Electric	ER-2001-299	<u>Direct</u> - Payroll; Merger Expense <u>Rebuttal</u> - Payroll <u>Surrebuttal</u> - Payroll	Settled
Osage Water Company	SR-2000-556/ WR-2000-557	<u>Direct</u> - Customer Service	Contested

**CASE PARTICIPATION
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WHILE EMPLOYED WITH THE OFFICE OF THE PUBLIC COUNSEL

<u>Company Name</u>	<u>Case Number</u>	<u>Testimony/Issues</u>	<u>Contested or Settled</u>
St. Louis County Water Company	WR-2000-844	<u>Direct</u> - Main Incident Expense	Settled
Missouri American Water Company	WR-2000-281/ SR-2000-282	<u>Direct</u> - Water Plant Premature Retirement; Rate Case Expense <u>Rebuttal</u> - Water Plant Premature Retirement <u>Surrebuttal</u> - Water Plant Premature Retirement	Contested
Laclede Gas Company	GR-99-315	<u>Direct</u> - Advertising Expense; Dues & Donations; Miscellaneous Expense; Items to be Trued-up	Contested
St. Joseph Light & Power	HR-99-245	<u>Direct</u> - Advertising Expense; Dues & Donations; Miscellaneous Expense; Items to be Trued-up <u>Rebuttal</u> - Advertising Expense <u>Surrebuttal</u> - Advertising Expense	Settled
St. Joseph Light & Power	ER-99-247	<u>Direct</u> - Merger Expense; Rate Case Expense; Deferral of the Automatic Mapping/Facility Management Costs <u>Rebuttal</u> - Merger Expense; Rate Case Expense; Deferral of the Automatic Mapping/Facility Management Costs <u>Surrebuttal</u> - Merger Expense; Rate Case Expense; Deferral of the Automatic Mapping/Facility Management Costs	Settled
Laclede Gas Company	GR-98-374	<u>Direct</u> - Advertising Expense; Gas Safety Replacement AAO; Computer System Replacement Costs	Settled
Missouri Gas Energy	GR-98-140	<u>Direct</u> - Payroll; Advertising; Dues & Donations; Regulatory Commission Expense; Rate Case Expense	Contested

**CASE PARTICIPATION
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KIMBERLY K. BOLIN**

WHILE EMPLOYED WITH THE OFFICE OF THE PUBLIC COUNSEL

<u>Company Name</u>	<u>Case Number</u>	<u>Testimony/Issues</u>	<u>Contested or Settled</u>
Gascony Water Company, Inc.	WA-97-510	<u>Rebuttal</u> - Rate Base; Rate Case Expense; Cash Working Capital	Settled
Union Electric Company	GR-97-393	<u>Direct</u> - Interest Rates for Customer Deposits	Settled
St. Louis County Water Company	WR-97-382	<u>Direct</u> - Interest Rates for Customer Deposits, Main Incident Expense	Settled
Associated Natural Gas Company	GR-97-272	<u>Direct</u> - Acquisition Adjustment; Interest Rates for Customer Deposits <u>Rebuttal</u> - Acquisition Adjustment; Interest Rates for Customer Deposits <u>Surrebuttal</u> - Interest Rates for Customer Deposits	Contested
Missouri-American Water Company	WA-97-45	<u>Rebuttal</u> - Waiver of Service Connection Charges	Contested
Imperial Utility Corporation	SC-96-427	<u>Direct</u> - Revenues, CIAC <u>Surrebuttal</u> - Payroll; Uncollectible Accounts Expense; Rate Case Expense, Revenues	Settled
St. Louis Water Company	WR-96-263	<u>Direct</u> -Main Incident Repairs <u>Rebuttal</u> - Main Incident Repairs <u>Surrebuttal</u> - Main Incident Repairs	Contested
Steelville Telephone Company	TR-96-123	<u>Direct</u> - Depreciation Reserve Deficiency	Settled

**CASE PARTICIPATION
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WHILE EMPLOYED WITH THE OFFICE OF THE PUBLIC COUNSEL

<u>Company Name</u>	<u>Case Number</u>	<u>Testimony/Issues</u>	<u>Contested or Settled</u>
Missouri-American Water Company	WR-95-205/ SR-95-206	<u>Direct</u> - Property Held for Future Use; Premature Retirement of Sewer Plant; Depreciation Study Expense; Deferred Maintenance <u>Rebuttal</u> - Property Held for Future Use; Premature Retirement of Sewer Plant; Deferred Maintenance <u>Surrebuttal</u> - Property Held for Future Use; Premature Retirement of Sewer Plant	Contested
St. Louis County Water Company	WR-95-145	<u>Rebuttal</u> - Tank Painting Reserve Account; Main Repair Reserve Account <u>Surrebuttal</u> - Main Repair Reserve Account	Contested

Kory J. Boustead

Education and Employment Background

I am a Research/Data Analyst in the Energy Resources Department, Industry Analysis Division of the Missouri Public Service Commission (Commission). I have been employed at the Missouri Public Service Commission as Rate & Tariff Examiner since July 2012.

In December 1998, I earned a Bachelor of Science degree in Business Administration with an emphasis in Marketing from Columbia College. I went on to earn a Master of Business Administration, in Business Administration and Management from William Woods University in 2001.

Prior to joining the Commission, beginning in 2002, I was employed with Ameren Missouri as a Customer Service Representative in the Jefferson City Call Center. In this role, I was responsible for answering customer inquiries and requests through the call center including establishment of new and transfer accounts. I effectively managed customer complaints, resolving billing issues, and handling trouble calls. I was responsible for establishing payment agreements, advising customers regarding collection procedures and responsible for maintaining personal telephone statistics and call volume in excess of company average. Prior to my employment with Ameren Missouri I worked for Sprint Telephone in customer service, KRCG-TV in advertising and was the retail store manager for Alamosa PCS (a Sprint PCS affiliate) in Jefferson City.

List of Previous Testimony Filed
Kory J. Boustead

Date Filed	Issue	Case Number	Case Name
05/30/2014	Direct - Staff Report - Low Income Weatherization Programs, Energy Efficiency, Service Line Extension	GR-2014-0086	Summit Natural Gas of Missouri, Inc.
06/06/2014	Direct - Staff Report - Low Income Weatherization Programs, Energy Efficiency, Main Line Extension	GR-2014-0152	Liberty Utilities
07/11/2014	Rebuttal - Energy Efficiency, Low Income Weatherization Program	GR-2014-0086	Summit Natural Gas of Missouri, Inc.
07/30/2014	Rebuttal - Low Income Weatherization Programs, Energy Efficiency, Main Line Extension	GR-2014-0152	Liberty Utilities
08/08/2014	Surrebuttal - Low Income Weatherization Program	GR-2014-0086	Summit Natural Gas of Missouri, Inc.
12/05/2014	Direct - Staff Report - Low Income Keeping Current Pilot Program	ER-2014-0258	Ameren Missouri
02/06/15	Surrebuttal - Low Income Keeping Current Pilot Program	ER-2014-0258	Ameren Missouri
04/03/2015	Direct - Staff Report - Economic Relief Pilot Program, Low Income Weatherization Program	ER-2014-0370	Kansas City Power & Light Company

cont'd Kory J. Boustead

Date Filed	Issue	Case Number	Case Name
03/25/2016	Direct - Staff Report - Low Income Programs, Low Income Weatherization Program	ER-2016-0023	The Empire District Electric Company
05/12/2016	Rebuttal - Low Income Weatherization Program	ER-2016-0023	The Empire District Electric Company
07/15/2016	Direct- Staff Report – Income-Eligible Weatherization, Economic Relief Pilot Program	ER-2016-0156	KCP&L Greater Missouri Operations Company
09/02/2016	Surrebuttal – Income-Eligible Weatherization, Economic Relief Pilot Program	ER-2016-0156	KCP&L Greater Missouri Operations Company
11/30/2016	Direct – Staff Report – Income-Eligible Weatherization, Economic Relief Pilot Program	ER-2016-0258	Kansas City Power & Light Company
12/09/2016	Direct – Staff Report - Low Income Keeping Current Pilot Program, Low Income Weatherization Assistance Program	ER-2016-0179	Ameren Missouri
01/20/2017	Rebuttal – Low Income Weatherization Program	ER-2016-0179	Ameren Missouri
02/28/2018	Staff Report - Emission Allowances and Interest	EO-2018-0067	Staff's Sixth Fuel Adjustment Clause Prudence Review Report – Ameren Missouri
03/16/2018	Direct – Staff Report – Tariff Organization	GR-2018-0013	Liberty Utilities

cont'd Kory J. Boustead

Date Filed	Issue	Case Number	Case Name
06/19/2018	Direct – Staff Report – Income Eligible Weatherization	ER-2018-0245	Kansas City Power & Light Company
04/30/2018	Direct – Staff Report – Interest	EO-2018-0155	First Prudence Review for Cycle 2 of Costs Related to the Demand-Side Programs for the Electric Operations of Union Electric Company, d/b/a Ameren Missouri
06/19/2018	Direct – Staff Report - Income Eligible Weatherization	ER-2018-0246	KCP&L Greater Missouri Operations Company
08/30/2018	Rebuttal – Low-Income Programs and Tariff design	EO-2018-0122	Ameren Missouri’s 3 rd Filing to Implement Regulatory Changes in Furtherance of Energy Efficiency as Allowed by MEEIA
09/05/2018	Staff Report – Interest, Renewable Energy Credit Revenue and Plant Outages	EO-2018-0244	In the Matter of the Seventh Prudence Review of Costs Subject to the Commission Approved Fuel Adjustment Clause of The Empire District Electric Company
09/17/2018	Surrebuttal – Low-Income Programs and Tariff design	EO-2018-0122	Ameren Missouri’s 3 rd Filing to Implement Regulatory Changes in Furtherance of Energy Efficiency as Allowed by MEEIA
02/28/2019	Staff Report – Renewable Energy Credits	EO-2019-0067	In the Matter of the Eighth Prudence Review of Costs Subject to the Commission- Approved Fuel Adjustment Clause of KCP&L Greater Missouri Operations Company
02/28/2019	Staff Report – Renewable Energy Credits	EO-2019-0068	In the Matter of the Second Prudence Review of Costs Subject to the Commission- Approved Fuel Adjustment Clause of Kansas City Power and Light Company

cont'd Kory J. Boustead

Date Filed	Issue	Case Number	Case Name
4/19/2019	Staff Direct Cost of Service Report – Energy Efficiency, Low-Income Programs & Low-Income Weatherization	GR-2019-0077	In the Matter of Union Electric Company d/b/a Ameren Missouri’s Tariffs to Increase its Revenues for Natural Gas Service
6/6/2019	Rebuttal Testimony - Renewable Energy Credits	EO-2019-0067	In the Matter of the 8 th Prudence Review of Costs Subject to the Commission-Approved Fuel Adjustment Clause of KCP&L Greater Missouri Operations Company
6/7/2019	Rebuttal Testimony – Energy Efficiency, Low-Income Programs and Low-Income Weatherization	GR-2019-0077	In the Matter of Union Electric Company d/b/a Ameren Missouri’s Tariffs to Increase its Revenues for Natural Gas Service
7/10/2019	Surrebuttal Testimony - Energy Efficiency, Low-Income Programs & Low-Income Weatherization	GR-2019-0077	In the Matter of Union Electric Company d/b/a Ameren Missouri’s Tariffs to Increase its Revenues for Natural Gas Service
7/22/2019	Cross-Rebuttal Testimony – Renewable Energy Credits	EO-2019-0067	In the Matter of the 8 th Prudence Review of Costs Subject to the Commission-Approved Fuel Adjustment Clause of KCP&L Greater Missouri Operations Company

cont'd Kory J. Boustead

Date Filed	Issue	Case Number	Case Name
12/04/2019	Staff Direct Cost of Service Report – Energy Efficiency, Low-Income Programs & Low-Income Weatherization	ER-2019-0335	In the Matter of Union Electric Company d/b/a Ameren Missouri’s Tariffs to Decrease Its Revenues for Electric Service
01/15/2020	Staff Direct Cost of Service Report – Low-Income Programs & Low-Income Weatherization	ER-2019-0374	In the Matter of The Empire District Electric Company’s Request for Authority To File Tariffs Increasing Rates for Electric Service Provided to Customers in its Missouri Service Area
01/21/2020	Rebuttal Testimony – Energy Efficiency, Low-Income Programs and Low-Income Weatherization	ER-2019-0335	In the Matter of Union Electric Company d/b/a Ameren Missouri’s Tariffs to Decrease Its Revenues for Electric Service
05/12/2021	Staff Direct Cost of Service Report – Energy Efficiency Programs, Low-Income Weatherization & Low-Income Programs	GR-2021-0108	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 Area
06/17/2021	Rebuttal Testimony – Energy Efficiency, Low-Income Programs	GR-2021-0108	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 Area

DAVID T. BUTTIG, 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:

I received my Bachelor of Science Degree in Environmental Engineering from the Missouri University of Science & Technology in May of 2012. In February of 2013 I began employment with the Missouri Department of Natural Resources in the Air Pollution Control Program as an Environmental Engineer I. In February of 2014, I was promoted to an Environmental Engineer II within the Air Pollution Control Program. I began employment with the commission as an engineer in July of 2018. I am a licensed professional engineer in the State of Missouri.

SUMMARY OF CASE INVOLVEMENT:

Case Number	Utility	Type	Issue
EA-2019-0010	Empire District Electric Company	Staff Report	Certificate of Convenience and Necessity
GR-2019-0077	Ameren Missouri (Gas)	Staff Report Rebuttal Testimony	Depreciation
GE-2020-0009	Summit Natural Gas of Missouri	Memorandum	Waiver Request
WR-2020-0264	Raytown Water Company	Staff Memorandum	Depreciation
WA-2021-0116	Missouri American Water Company	Staff Memorandum	Depreciation
GR-2021-0108	Spire Missouri	Staff Report Rebuttal Testimony	Depreciation

Christopher D. Caldwell

Educational and Employment Background and Credentials

In May 2001, I earned an Associate Degree in Applied Accounting from St. Louis Community College (Forest Park). In May 2009, I earned a Bachelor of Science Degree in Accounting from Harris-Stowe State University. I also earned a Master's Degree in Business Administration from Fontbonne University in May 2013.

My employment began on Sept. 5, 2017 with the Missouri Public Service Commission (Commission) as a Utility Regulatory Auditor. My duties consists of examining the regulatory books and records of utilities that operate within the State of Missouri and sponsoring testimony as an expert witness in proceedings before the Commission.

Prior to working at the Commission, between 2008 and 2017, I held the following positions: Account Clerk I with the Missouri Division of Youth Services, Account Clerk II and Financial Officer I with the Department of Mental Health, and Senior Financial Technician with the Missouri Dept. of Transportation (MODOT).

As an Account Clerk I with the Division of Youth Services, my duties consisted of processing accounts payable, filing completed invoices, maintaining gas and maintenance for the facility fleet, ordering and distributing disposable inventory such as office supplies, copy paper, hygiene supplies, and school books. I also balanced the budget, and maintained an inventory of government property at the youth facility among other duties.

As an Account Clerk II with the Department of Mental Health, my duties consisted of processing accounts payable and filing completed invoices, reconciling invoice discrepancies, processing expense reports, and maintaining an inventory of government property at Missouri state mental health facilities among other duties.

As a Financial Officer I with the Department of Mental Health, my duties consisted of monitoring bank accounts, Medicare and Medicaid benefits for clients at Missouri state mental health facilities and at contracted independent living facilities. I also communicated with staff, the public, contracted facilities and other government agencies and performed other duties as assigned.

As a Senior Financial Technician at MODOT, my duties consisted of processing accounts payable, electronically filing completed invoices, reconciling invoice discrepancies, and maintaining an inventory of government property at all MODOT facilities in the St. Louis Metropolitan Area. I communicated with staff, and contracted vendors. I was part of a committee that set-up team building events. I also participated in a diversity program, and completed required training, and other duties as assigned.

Christopher D. Caldwell

Rate Case Proceeding Summary

Case Number	Company Name	Issues
ER-2021-0240	Ameren Missouri Electric	PSC Assessment Injuries & Damages Legal Accrual Environmental Accrual Insurance Expense Plant In Service Balances Depreciation Reserve Property Holdings: Utility, non-utility, plant held for future use Materials & Supplies, excluding fuel inventory Prepayments Customer Deposits Interest on Deposits Customer Advances Rush Island & FERC ROE Legal Fees Lake of the Ozark Shoreline Revenue and Expense Sioux Construction Accounting NRC Fees Taum Sauk cost and related insurance cases in TY Missouri and Illinois Allocated Corporate Franchise Tax Misbooking of Electric Costs during TY
GR-2021-0241	Ameren Missouri Gas	PSC Assessment Injuries & Damages Legal Accrual Environmental Accrual Insurance Expense Plant In Service Balances Depreciation Reserve Property Holdings: Utility, non-utility, plant held for future use Materials & Supplies, excluding fuel inventory Prepayments Customer Deposits Interest on Deposits Customer Advances Misbooking of Gas Costs during TY
WR-2020-0344	Missouri American Water Company	Waste Disposal Hydrant Maintenance Valve Maintenance

Case Number	Company Name	Issues
ER-2019-0335	Ameren Missouri Electric	Injuries & Damages Accrual Legal accrual Environmental Accrual Insurance Expense Taum Sauk cost and related insurance cases in TY Illinois Allocated Corporate Franchise Tax Misbooking of Electric Costs during TY Lake of the Ozark Shoreline Revenue and Expense Sioux Construction Accounting Nuclear Regulatory Commission (NRC) Fees
GR-2019-0077	Ameren Missouri Gas	Advertising Promotional Giveaways Dues and Donations Environmental Costs Miscellaneous Expenses External Audit Fees Injuries and Damages Insurance Lobbying and MEDA Miscellaneous Expense PSC Assessment Rents and Leases
GR-2018-0013	Liberty Utilities Midstates Natural Gas (MNG)	Plant In Service Accumulated Reserve Customer Deposits Interest on Customer Deposits Customer Advances Gas Storage Prepayments Capitalized Depreciation

Jane C. Dhority

Present Position:

I am a Utility Regulatory Auditor, Auditing Department, Financial & Business Analysis Division of the Missouri Public Service Commission. As A Utility Regulatory Auditor, I assist in research and analysis of the financial aspects of public utility operations.

Educational Credentials and Work Experience:

I have a Bachelor of Science in Accounting from the University of Missouri - St. Louis. I have been employed by the Missouri Public Service Commission since April 2019. Prior to joining the Commission, I worked in several positions for Jimmy’s Café on the Park from 2011 to 2016. I was also employed by Hilton St. Louis Downtown as a bartender from 2009 to 2011. From 2007 to 2009 I was employed as a bartender and manager for Square One Brewery.

Past Rate Case Proceedings:

<u>Company Name</u>	<u>Case No.</u>	<u>Issue(s)</u>
Ameren UE (ELEC)	EO-2019-0391	Asset Sale
Ameren UE (ELEC)	ER-2019-0335	Plant in Service, Depreciation Reserve, Other Rate Base Items, Interest on Customer Deposits, Capitalized O&M Depreciation, PSC Assessment, Advertising

Lisa M. Ferguson

Present Position:

I am a Utility Regulatory Supervisor in the Auditing Department, of the Financial and Business Analysis Division of the Missouri Public Service Commission. As a Utility Regulatory Auditor, I review all exhibits and testimony on assigned issues, develop accounting adjustments and issue positions that are supported by workpapers and written testimony.

Educational Credentials and Work Experience:

I have an Associate of Science degree from Moberly Area Community College, a Bachelor's of Science degree in Accounting from Truman State University, and a Master's degree in Accounting from Truman State University. I have been employed by the Missouri Public Service Commission since June 2008. Prior to joining the Commission, I worked in several departments, primarily Customer Service and as an accounting assistant, for Hy-Vee Food and Drug from July 1998 to May 2002. I was also employed by Kelly L. Lovekamp as a legal office assistant during 2001. From June 2002 to May 2008, I was employed as a support staff for Chariton Valley Association. My duties included support of daily living activities for people with disabilities.

Lisa M. Ferguson

Past Rate Case Proceedings:

<u>Company Name</u>	<u>Case No.</u>	<u>Issue</u>
Ameren Missouri (ELEC)	ER-2019-0335	<p>Lead Auditor</p> <p>Fuel Expense, Fuel Additives, Purchased Power, Off System Sales, Green Tariff Program, Maryland Heights Fuel, MISO Revenue and Expense, MISO Transmission Revenue & Expense, Mark Twain Transmission, Capacity & Ancillary Sales, Coal Refinement, DOE Reimbursements, Radioactive Waste, FERC ROE, Income Tax, ADIT, FIN 48 Tracker, TCJA Tracker</p> <p>Accounting Schedules/Reconciliation</p> <p>Filed Direct, Rebuttal, Surrebuttal (True-up Direct)</p>
Ameren Missouri (Gas)	GR-2019-0077	<p>Lead Auditor</p> <p>TCJA Income Tax AAO/Interim Rates</p> <p>Income Tax, Accumulated Deferred Income Tax (ADIT), Amortization of Excess ADIT, Pensions & OPEBs, Energy Efficiency, Regulatory Asset Overcollection</p>
Missouri-American Water Co.	WO-2018-0373	ISRS - Accumulated Deferred Income Taxes (Inclusion of NOL)
Ameren Missouri (ELEC)	ER-2018-0362	2017 Federal Tax Cuts and Jobs Act ("TCJA) – Tax Reduction Filing
Ameren Missouri (ELEC)	EA-2018-0202	Terra-Gen Wind Generation CCN

Lisa M. Ferguson

Past Rate Case Proceedings:

<u>Company Name</u>	<u>Case No.</u>	<u>Issue</u>
Ameren Missouri (ELEC)	ER-2018-0362	2017 TCJA Tax Reform effect on current and excess deferred taxes
Liberty Gas (MNG)	GR-2018-0013	Income Tax, Accumulated Deferred Income Tax (ADIT), Property Tax, Vegetation Management, Payroll, Payroll Tax, Employee Benefits Accounting Schedules/Reconciliation Filed Direct, Rebuttal, Surrebuttal (True-up Direct)
Spire Missouri (Laclede Gas & Missouri Gas Energy)	GR-2017-0215 GR-2017-0216	Co-Lead Auditor Insulation Financing, EnergyWise Revenue/Rate Base, Gas Safety AAO Overcollection, Natural Gas/Propane Inventory, MGE Rate base Offset, Income Taxes, ADIT, Surveillance Reporting, Uniform Expense, AMR Devices Filed Direct, Rebuttal, Surrebuttal Testified on FIN 48 as part of ADIT, Surveillance Reporting, AMR Devices, 2017 TCJA Tax Reform effect on current and excess deferred taxes
Ameren Missouri	EO-2017-0176	Cost Allocation Manual
Ameren Missouri (ELEC)	EO-2017-0127	Asset Sale Case – Mercy Health

Lisa M. Ferguson

Past Rate Case Proceedings:

<u>Company Name</u>	<u>Case No.</u>	<u>Issue</u>
Ameren Missouri (ELEC)	ER-2016-0179	Allocations, Coal Refinement, Callaway II Write-Off, Capacity, FAC expense removal, FIN 48, Income Taxes, ADIT, Mark Twain Transmission, MISO revenues & expenses, MISO Transmission revenues & expenses, Sioux Construction Accounting Accounting Schedules/Reconciliation Filed Direct, Rebuttal, Surrebuttal
Rex Deffenderfer Enterprises	WR-2016-0267	Lead Auditor – Oversee All Issues
House Springs Sewer Co.	SM-2016-0204	Sale of Company Assets to Jefferson County Public Sewer District
Missouri-American Water Co.	WR-2015-0301 & SR-2015-0302	Amortizations, Arnold Acquisition, Belleville Labs, Capitalized O&M Depreciation, Regulatory Assets & Liabilities, Regulatory Deferrals, Hickory Hills Receivership Costs Accounting Schedules/Reconciliation
Missouri-American Water Co.	WO-2016-0054	Asset Purchased Case; Missouri American Acquisition of Jaxson Estates
House Springs Sewer Co.	Earnings Investigation	Operations & Maintenance Contract, Legal Fees, Office Rent & Electric, Plant/Reserve/CIAC, Repairs & Maintenance, Sludge Hauling, City of Byrnes Mill Expense, Garnishment

Lisa M. Ferguson

Past Rate Case Proceedings:

<u>Company Name</u>	<u>Case No.</u>	<u>Issue</u>
Ameren Missouri (ELEC)	ER-2014-0258	Fuel, NBEC, Fuel Additives, Fuel Inventory, Off System Sales, Purchased Power, Callaway Refueling, Coal Car Depreciation, Low Level Radioactive Waste Expense Accounting Schedules/Reconciliation Filed Direct, Rebuttal, Surrebuttal
Liberty Gas (MNG)	GR-2014-0152	Co-Lead Auditor Board of Directors Fees, Payroll, Employee Benefits, Incentive Compensation, Environmental Expense, Fleet Fuel Expense, Property Tax, Relocation Expense
Terre Du Lac Utility Co.	WR-2014-0104 SR-2014-0105	Revenues, Uncollectibles, Water Loss Adjustment
Laclede Gas Co.	GR-2013-0171	Lead Auditor Revenue, Energy Wise and Insulation Revenues and Ratebase, Gas Costs, Gross Receipts Tax, ISRS Revenue, OSS and Capacity Release, Postage Expense, Unbilled Revenues, Uncollectibles
Lincoln County Water & Sewer	SR-2013-0321	Revenues, Bank Fees, Billing Expense, DNR Fees, Office Supplies, Postage Expense, PSC Assessment, SOS Fees, Uncollectibles
Gladlo Water and Sewer Co.	SR-2013-0258 WR-2013-0259	Informal Rate Case – All Issues

Lisa M. Ferguson

Past Rate Case Proceedings:

<u>Company Name</u>	<u>Case No.</u>	<u>Issue</u>
Missouri-American Water Co.	SO-2013-0260	Asset Purchased Case; Missouri American Acquisition of Meramec Sewer Co; Rate Base Determination
Ameren Missouri (ELEC)	EO-2013-0044	Asset Sale Case
Meramec Sewer Co	SR-2012-0309	Rate Base, Revenues, Uncollectibles
Ameren Missouri (ELEC)	ER-2012-0166	Advertising, AMS Allocations, Capitalized O&M Depreciation, Distribution Training, Employee Benefits other than Pensions, Environmental Expense, Incentive Compensation, Legal Expense, Name Change/Branding Expense, Payroll, Payroll Taxes, Production Training Expense, Severance, Underground Training Expense, VSE/ISP Amortization EMS Accounting Schedules Filed Direct and Surrebuttal Testimony Deposed on Severance and Advertising Testified on Severance
Missouri-American Water Co.	SO-2012-0091	Asset Purchased Case; Missouri American Acquisition of Meramec Sewer Co; Rate Base Determination

Lisa M. Ferguson

Past Rate Case Proceedings:

<u>Company Name</u>	<u>Case No.</u>	<u>Issue</u>
House Springs Sewer Co.	SR-2011-0274	Revenues, Billing Supplies Expense, Bank Fees, Dues & Donations, Outside Services, Miscellaneous Expense, Rent Expense, Postage Expense, PSC Assessment, Rate Case Expense, Secretary of State Fees, EMS Accounting Schedules
Missouri-American Water Co.	WO-2011-0106	ISRS Filing; Extending data to Effective Date; Retirements; Deferred Taxes; Accumulated Depreciation
Ameren Missouri (ELEC)	ER-2011-0028	Capitalized O&M Depreciation, Dues & Donations, 900 Account analysis, Property Taxes, Other Rate Base Items, Corporate Franchise Taxes, CWC, Plant and Reserve, PSC Assessment, Rate Case Expense, Advertising, Interest on Customer Deposits, Outside Contractors/Services, Allocations Accounting Schedules/Reconciliation Filed Direct and Surrebuttal Testimony Deposed on Advertising Testified on Property Tax

Lisa M. Ferguson

Past Rate Case Proceedings:

<u>Company Name</u>	<u>Case No.</u>	<u>Issue</u>
AmerenUE (GAS)	GR-2010-0363	Capitalized O&M Depreciation, Dues & Donations, 900 Account analysis, Property Taxes, Other Rate Base Items, Corporate Franchise Taxes, CWC, Plant and Reserve, PSC Assessment, Rate Case Expense, Advertising, Interest on Customer Deposits, Outside Contractors/Services Accounting Schedules/Reconciliation Filed Direct Testimony
KMB Utility Corporation	WR-2010-0345 & SR-2010-0346	Revenues, Late Fees, Electric Bills, Lost Water Adjustment, Uncollectibles, Master meter reads Filed Staff Recommendation
Ameren UE (ELEC)	ER-2010-0036	Advertising, Capitalized O&M Depreciation, Dues & Donations, 900 Account Analysis, Property Taxes, Other Rate Base Items, Corp. Franchise Taxes, Leases, CWC, Plant, Depreciation/ Reserve, PSC Assessment, Rate Case Expense, Interest on Customer Deposits, Insurance Expenses, Accounting Runs, Injuries and Damages Accounting Schedules/Reconciliation Filed Direct and Surrebuttal Testimony
Peaceful Valley	SR-2009-0146 WR-2009-0145	Informal Small Water and Sewer Request for Rate Increase
Cannon Home Association	SR-2009-0144	Informal Small Water Request for Rate Increase

Lisa M. Ferguson

Past Rate Case Proceedings:

<u>Company Name</u>	<u>Case No.</u>	<u>Issue</u>
Atmos Energy	GO-2009-0046	Assisted on ISRS Filing; Extending data to Effective Date; Retirements; Deferred Taxes; Accumulated Depreciation; Removal of Meters
Ameren UE (GAS)	GT-2009-0038	Assisted on ISRS Filing; Extending data to Effective Date; Additions/Retirements; Deferred Taxes; Accumulated Depreciation
Laclede Gas Company	GO-2009-0029	Assisted on Abandonment Case – Recommendation Submission
Mill Creek	SR-2005-0116	Quarterly Reviews; Procedural Schedule; A/P Billing Calendar; Conference Calls; Discussion Notes; Revenues

TAMMY HUBER

Educational and Employment Background and Credentials

I am currently a Senior Research/Data Analyst in the Customer Experience Department of the Missouri Public Service Commission ("Commission"). I have held my position as a Senior Research/Data Analyst (former title Utility Policy Analyst II) since December 2017. Prior to December of 2017 I worked in the Energy Resources Department as a Utility Policy Analyst II from November 2011 through June 2014, I worked in the Engineering and Management Services Unit as a Management Analyst. Previously, I was employed by the Missouri Department of Transportation (MODOT) as an Auditor in the Internal Auditing Department. Prior to my employment with MODOT, I was employed by the Commission in the General Counsel's Office.

I earned a Bachelor of Science in Business Administration with emphases in Business Management from Columbia College in October 2008. I completed additional coursework in 2009 from Columbia College in Accounting.

As an analyst for the Commission, I have participated in and conducted customer service and business office operations reviews. I have researched and managed a number of customer complaints and public comment projects. I have prepared and reviewed audit and investigative reports at the Commission. I have previously provided testimony before the Commission. I have participated in electric case staff recommendations and reviewed tariffs. I have also been the Co-Case Coordinator and Case Manager for electric rate cases.

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

Previous Participation of Tammy Huber

Date	Company	Type of Filing	Case No.
2011-2012	Missouri American Water Company	Customer Service and Business Operations Review	WR-2011-0337
January 2012	Taney County Water Company, LLC	Customer Service and Business Operations Review	WR-2012-0163
April 2012	Lakeland Heights Water Company, Inc.	Customer Service and Business Operations Review	WR-2012-0266
April 2012	Oakbrier Water Company, Inc.	Customer Service and Business Operations Review	WR-20120267
April 2012	R.D. Sewer Company LLC	Customer Service and Business Operations Review	SR-2012-0263
May 2012	The Empire District Electric Company – Water Operations	Customer Service and Business Operations Review	WR-2012-0300
June 2012	Chariton Valley Telephone Corporation	Universal Service Funds Report	NA
June 2012	Northeast Missouri Rural Telephone Company	Universal Service Funds Report	NA
October 2012	Seges Partners Mobile Home Park LLC	Customer Service and Business Operations Review	SR-2013-0112
December 2012	Cedar Green Land Acquisition, LLC	Certificate of Convenience and Necessity	WC-2013-0087
January 2013	Lincoln County Sewer & Water, LLC	Customer Service and Business Operations Review; Testimony	SR-2013-0321 & WR-2013-0322
April 2013	BPS Telephone Company	Universal Service Funds Report	NA
May 2013	Alma Telephone Company	Universal Service Funds Report	NA

cont'd Tammy Huber

Date	Company	Type of Filing	Case No.
May 2013	Windstream Communications	Universal Service Funds Report	NA
May 2013	Citizens Telephone Company	Universal Service Funds Report	NA
August 2013	Roy-L Utilities, Inc.	Customer Service and Business Operations Review	WR-2013-0543 & SR-2013-0544
June 2014	KCP&L Greater Missouri Operations Company	Staff Recommendation	EO-2014-0355
2014-2015	Kansas City Power & Light Company	Co-Case Coordinator	ER-2014-0370
April 2016	Kansas City Power & Light Company	Staff Recommendation	ET-2016-0268
April 2016	KCP&L Greater Missouri Operations Company	Staff Recommendation	ET-2016-0268
November 2016	Kansas City Power & Light Company	Testimony	ER-2016-0285
2016-2017	Kansas City Power & Light Company	Case Manager	ER-2016-0285
February 2018	Union Electric Company d/b/a Ameren Missouri	Testimony	EO-2015-0055
August 2018	Union Electric Company d/b/a Ameren Missouri	Testimony	EO-2018-0211
December 2018	KCP&L Greater Missouri Operations Company	Staff Report	EC-2019-0109
January 2019	Union Electric Company d/b/a Ameren Missouri	Staff Report	EC-2019-0121
June 2019	Spire Missouri Inc. d/b/a Spire	Staff Report	GC-2019-0331
July 2019	Missouri American Water Company	Staff Report	WC-2019-0324
August 2019	Kansas City Power & Light Company/KCP&L Greater Missouri Operations Company	Staff Rebuttal Report/Testimony	EO-2019-0132
November 2019	Kansas City Power & Light Company	Staff Report	EC-2020-0088

cont'd Tammy Huber

Date	Company	Type of Filing	Case No.
February 2020	The Empire District Electric Company	Staff Report	EC-2020-0183
March 2020	Missouri American Water Company	Staff Report	WC-2020-0194
April 2020	Spire Missouri Inc., d/b/a Spire	Staff Report	GC-2020-0201
April 2020	Evergy Missouri West, Inc., d/b/a Evergy Missouri West	Staff Report	EC-2020-0252
August 2020	Missouri American Water Company	Staff Report	WC-2020-0407
October	Spire Missouri, Inc., d/b/a Spire	Staff Investigation Report	GO-2020-0182
December 2020	Evergy Missouri West, Inc., d/b/a Evergy Missouri West	Supplemental Staff Report	EC-2020-0252
April 2021	All Utilities	Cold Weather Event Report	AO-2021-0264
May 2021	Union Electric Company d/b/a Ameren Missouri	Staff Report	EC-2021-0285
July 2021	All Utilities	Working Case Covid-19 Pandemic Emergency Report	AW-2020-0356

JASON KUNST, CPA

Senior Utility Regulatory Auditor

Educational Background and Experience

I graduated from the University of Missouri – St. Louis with a Bachelor’s of Science degree in Accounting in December 2007. I am a Certified Public Accountant (CPA) licensed in the state of Missouri.

Prior to joining the Commission in May 2014, I was employed as an Unemployment Insurance Auditor II with the Missouri Department of Labor and Industrial Relations, Division of Employment Security. As an Unemployment Insurance Auditor, I reviewed employer’s books, payroll records, and other related records to determine accuracy and compliance with Missouri Employment Security Law.

Jason Kunst, CPA

Case Summary

Company	Case	Issue
Liberty Utilities	GT-2021-0073	ISRS Filing
Ameren Missouri	EA-2020-0371	CCN
Confluence Rivers	WM-2020-0403 SM-2020-0404	CCN
Confluence Rivers	WM-2020-0282 SM-2020-0283	CCN
Ameren Missouri	ER-2019-0335	Formal Rate Case: Revenues, Storm Expense, Vegetation Management Expense, Rents & Leases, Board of Directors Expenses, Software & Cybersecurity Expense, Cost Savings, Bad Debt Expense, Gross Receipt Taxes
Ameren Missouri	EA-2019-0371	CCN
Ameren Missouri	GR-2019-0077	Formal Rate Case: Allocations, Payroll & Related Expenses, Employee Benefits, Facilities Costs, Allocated Software, Property Taxes, Board of Directors Expenses, Incentive Compensation, Outside Services, Cash Working Capital, Rate Case Expense

Jason Kunst, CPA
cont'd Case Summary

Company	Case	Issue
Ameren Missouri	EA-2019-0021	CCN
Missouri American Water Corporation	WO-2018-0373	ISRS Filing
Ameren Missouri	EA-2018-0202	CCN & RESRAM Application
Liberty Utilities Corp.	GR-2018-0013	Formal Rate Case: Revenues, Capitalized Depreciation, Rate Case Expense, Cash Working Capital, Outside Services, Postage Expense
Spire Missouri	GR-2017-0215 GR-2017-0216	Formal Rate Case: Forest Park Property Sale, Rents and Leases, Outside Services, Amortization Expense, NewBlue Software, Credit Card Transaction Fees, Rebranding Costs
Ameren Missouri	ER-2016-0179	Formal Rate Case: Payroll & Related Expenses, Employee Benefits, Incentive Compensation, Severance Expense, Cyber Security Costs, Board of Directors Fees, Dues & Donations, Misc. Expenses, Advertising, Rate Case Expense, Outside Auditor Fees, Scada Revenues & Expenses, Taum Sauk Failure Expenses
Missouri American Water Company	WR-2015-0301 SR-2015-0302	Formal Rate Case: Payroll & Related Expenses, Employee Benefits, Tank Painting and Inspection Expense Tracker, Waste Disposal, Transportation Expenses, Leases & Rents, Incentive Compensation, Severance Expense, PSC Assessment

Jason Kunst, CPA
cont'd Case Summary

Company	Case	Issue
Laclede Gas Company	GO-2015-0269	ISRS Filing
Ameren Missouri	ER-2014-0258	Formal Rate Case: Advertising, Misc. Expenses, Board of Directors Fees, Dues & Donations, Property Taxes, Property Tax Refund Tracker, Customer Accounting Expense to reflect new full page bill format, Plant in Service, Depreciation Reserve, Materials & Supplies, Prepayments, Customer Deposits, Customer Advances, Interest on Customer Deposits

JOEL R. MCNUTT CREDENTIALS

PRESENT POSITION

I am currently employed as an Economics Analyst in the Tariff/Rate Design Department within the Industry Analysis Division of the Missouri Public Service Commission. I was previously employed with the Missouri Public Service Commission as a Regulatory Economist in 2013 and 2014. I have currently been employed with the Missouri Public Service Commission since 2020.

EDUCATION

I received my Bachelor of Science in Economics from Central Missouri State University in Warrensburg, MO in May 2002. I completed my Master of Business Administration from William Woods University in Jefferson City, MO in December 2007.

EMPLOYMENT BACKGROUND

Prior to joining the Commission, I worked in the fields of Procurement and Economic Development for the Missouri Department of Transportation and the Missouri Department of Economic Development. In my previous 10 years of experience working for the State of Missouri, I have administered several State run programs such as the Missouri Enhanced Enterprise Zone Program and the Missouri Certified Sites Program. I also have private sector experience in the fields of healthcare, banking, and nuclear security as well as previous experience in higher education.

PREVIOUS CASE EXPERIENCE

GR-2014-0007

GR-2014-0006

GR-2014-0086

GR-2021-0108

Michael L. Stahlman

Education

- 2009 M. S., Agricultural Economics, University of Missouri, Columbia.
2007 B.A., Economics, Summa Cum Laude, Westminster College, Fulton, MO.

Professional Experience

- 2010 - Regulatory Economist, Missouri Public Service Commission
2007 – 2009 Graduate Research Assistant, University of Missouri
2008 Graduate Teaching Assistant, University of Missouri
2007 American Institute for Economic Research (AIER) Summer
Fellowship Program
2006 Price Analysis Intern, Food and Agricultural Policy Research Institute
(FAPRI), Columbia, MO
2006 Legislative Intern for State Representative Munzlinger
2005 – 2006 Certified Tutor in Macroeconomics, Westminster College, Fulton, MO
1998 – 2004 Engineering Watch Supervisor, United States Navy

Expert Witness Testimony

- Union Electric Company d/b/a AmerenUE GR-2010-0363
In the Matter of Union Electric Company d/b/a AmerenUE for Authority to File
Tariffs Increasing Rates for Natural Gas Service Provided to Customers in the
Company's Missouri Service Area
- Union Electric Company d/b/a Ameren Missouri GT-2011-0410
In the Matter of the Union Electric Company's (d/b/a Ameren Missouri) Gas
Service Tariffs Removing Certain Provisions for Rebates from Its Missouri Energy
Efficient Natural Gas Equipment and Building Shell Measure Rebate Program
- KCP&L Great Missouri Operations Company EO-2012-0009
In the Matter of KCP&L Greater Missouri Operations Company'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 EO-2012-0142
In the Matter of Union Electric Company d/b/a Ameren Missouri's Filing to
Implement Regulatory Changes Furtherance of Energy Efficiency as Allowed by
MEEIA
- Kansas City Power & Light Company EO-2012-0323
In the Matter of the Resource Plan of Kansas City Power & Light Company
- KCP&L Great Missouri Operations Company EO-2012-0324
In the Matter of the Resource Plan of KCP&L Greater Missouri Operations
Company
- Kansas City Power & Light Company, KCP&L Great Missouri Operations Company, and Transource Missouri EA-2013-0098
EO-2012-0367
In the Matter of the Application of Transource Missouri, LLC for a Certificate of
Convenience and Necessity Authorizing it to Construct, Finance, Own, Operate,

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Michael L. Stahlman

and Maintain the Iatan-Nashua and Sibley-Nebraska City Electric Transmission Projects

Kansas City Power & Light Company EO-2012-0135

KCP&L Great Missouri Operations Company EO-2012-0136

In the Matter of the Application of Kansas City Power & Light Company [KCP&L Great Missouri Operations Company] for Authority to Extend the Transfer of Functional Control of Certain Transmission Assets to the Southwest Power Pool, Inc.

Kansas City Power & Light Company EU-2014-0077

KCP&L Great Missouri Operations Company

In the Matter of the Application of Kansas City Power & Light Company and KCP&L Greater Missouri Operations Company for the Issuance of an Accounting Authority Order relating to their Electrical Operations and for a Contingent Waiver of the Notice Requirement of 4 CSR 240-4.020(2)

Kansas City Power & Light Company EO-2014-0095

In the Matter of Kansas City Power & Light Company's Notice of Intent to File an Application for Authority To Establish a Demand-Side Programs Investment Mechanism

Veolia Energy Kansas City, Inc HR-2014-0066

In the Matter of Veolia Energy Kansas City, Inc for Authority to File Tariffs to Increase Rates

Grain Belt Express Clean Line, LLC EA-2014-0207

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

Union Electric Company d/b/a Ameren Missouri ER-2014-0258

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariff to Increase Its Revenues for Electric Service

Empire District Electric Company ER-2014-0351

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

Kansas City Power & Light Company ER-2014-0370

In the Matter of Kansas City Power & Light Company's Request for Authority to Implement a General Rate Increase for Electric Service

Kansas City Power & Light Company EO-2014-0240

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

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Michael L. Stahlman

KCP&L Great Missouri Operations Company In the Matter of KCP&L Greater Missouri Operations Company's Filing for Approval of Demand-Side Programs and for Authority to Establish a Demand-Side Programs Investment Mechanism	EO-2014-0241
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
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
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
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's Tariff to Increase Its Revenues for Electric Service	ER-2016-0179
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 345kV transmission line.	EA-2016-0358
Spire Missouri, Inc. In the Matter of Spire Missouri, Inc.'s Request to Increase Its Revenues for Gas Service	GR-2017-0215 and GR-2017-0216
Liberty Utilities In the Matter of Liberty Utilities (Midstates Natural Gas) Corp. d/b/a Liberty Utilities' Tariff Revisions Designed to Implement a General Rate Increase for Natural Gas Service in the Missouri Service Areas of the Company	GR-2018-0013
Spire Missouri, Inc. In the Matter of Spire Missouri, Inc. d/b/a Spire's Request to Decrease [Increase] WNAR	GO-2019-0058 and GO-2019-0059
Grain Belt Express Clean Line LLC Invenergy Transmission LLC	EM-2019-0150

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Michael L. Stahlman

Invenergy Investment Company LLC

In the Matter of the Joint Application of Invenergy Transmission LLC, Invenergy Investment Company LLC, Grain Belt Express Clean Line LLC and Grain Belt Express Holding LLC for an Order Approving the Acquisition by Invenergy Transmission LLC of Grain Belt Express Clean Line LLC

Union Electric Company d/b/a Ameren Missouri GR-2019-0077

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase its Revenues for Natural Gas Service

Union Electric Company d/b/a Ameren Missouri ER-2019-0335

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Decrease Its Revenues for Electric Service

Empire District Electric Company ER-2019-0374

In the Matter of The Empire District Electric Company's Request for Authority to File Tariffs Increasing Rates for Electric Service Provided to Customers in its Missouri Service Area

Union Electric Company d/b/a Ameren Missouri EA-2020-0371

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 Under 20 CSR 4240-3.105

Spire Missouri, Inc. GR-2021-0108

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

Selected Manuscripts and Posters

Stahlman, Michael and Laura M.J. McCann. "Technology Characteristics, Choice Architecture and Farmer Knowledge: The Case of Phytase." *Agriculture and Human Values* (2012) 29: 371-379.

Stahlman, Michael. "The Amoralty of Signals." Awarded in top 50 authors for SEVEN Fund essay competition, "The Morality of Profit."

Stahlman, Michael, Laura M.J. McCann, and Haluk Gedikoglou. "Adoption of Phytase by Livestock Farmers." Selected poster at the American Agricultural Economics Association Annual Meeting, Orlando, FL, July 27-29, 2008. Also presented at the USDA/CSREES Annual Meeting in St. Louis, MO in February 2009.

McCann, Laura, Haluk Gedikoglu, Bob Broz, John Lory, Ray Massey, and Michael Stahlman. "Farm Size and Adoption of BMPs by AFOs." Selected poster at the 5th National Small Farm Conference in Springfield, IL in September 2009.

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
Seung Joun Won, PhD

<u>Case Number</u>	<u>Company</u>	<u>Issue</u>
WF-2021-0131	Raytown Water Company	Financing Authority
GR-2021-0108	Spire Missouri, Inc.	Rate of Return, Capital Structure
EA-2021-0087	Ameren Transmission Company of Illinois	Financial Feasibility
EA-2020-0371	Union Electric Co., d/b/a Ameren Missouri	Financial Ability
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
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

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Seoung Joun Won, PhD

<u>Case Number</u>	<u>Company</u>	<u>Issue</u>
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 Co.	Weather & Normalization, Net System Input
ER-2014-0370	Kansas City Power & Light Co	Weather & Normalization, Net System Input
ER-2014-0351	Empire District Electric Co.	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 Co.	Weather Variables, Revenue

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Seoung Joun Won, PhD

<u>Case Number</u>	<u>Company</u>	<u>Issue</u>
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 Co.	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
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).