

MISSOURI PUBLIC SERVICE COMMISSION

STAFF REPORT

**RATE DESIGN
CLASS COST-OF-SERVICE**

APPENDIX 1

Staff Credentials

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

CASE NO. ER-2016-0179

*Jefferson City, Missouri
December 2016*

APPENDIX 1
STAFF CREDENTIALS
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Eaves, Dana E.1
Kliethermes, Sarah L.8

DANA E. EAVES
CAREER EXPERIENCE

Missouri Public Service Commission, Jefferson City, Missouri

Utility Regulatory Auditor IV January 1, 2013 – Present

Utility Regulatory Auditor III April 23, 2003– December 31, 2012

Utility Regulatory Auditor II April, 2002 – April, 2003

Utility Regulatory Auditor I April, 2001 – April, 2002

Perform rate audits and prepare miscellaneous filings as ordered by the Commission. Review all exhibits and testimony on assigned issues from the most recent previous case and the current case. Develop accounting adjustments and issue positions which are supported by workpapers and written testimony. Prepare Staff Recommendation Memorandum for filings that do not require prepared testimony. As a Utility Regulatory Auditor IV, in the Energy Resource Analysis Department, I am the lead Auditor for Fuel Adjustment Clause Prudence Reviews and Missouri Energy Efficiency Investment Act Prudence Reviews and perform other tasks as assigned by management. I have testified under cross-examination as an expert witness for litigated rate cases.

Midwest Block and Brick, Jefferson City, Missouri

Accountant December 2000 – March 2001

CIS/Accounting Assistant July 2000 – December 2000

Practice Management Plus, Inc., Jefferson City, Missouri

Vice President Operations October 1998 – May 2000

Capital City Medical Associates (CCMA), Jefferson City, Missouri

Director of Finance March, 1995-October, 1998

ADDITIONAL EXPERIENCE

Wright Camera Shop/Sales	1987-1995
Movies To Go, Inc/Store Manager	1984-1987
Butler Shoe Corp./Store Manager	1982-1984
Southeastern Illinois College/Student	1979-1982
Kassabaum's Bicycle Shop/Store Manager	1977-1979

cont'd Dana E. Eaves

EDUCATION

Bachelor of Science, Business Administration; Emphasis Accounting (1995)

COLUMBIA COLLEGE, JEFFERSON CITY, MO

CASE PROCEEDING PARTICIPATION

DANA E. EAVES

PARTICIPATION		TESTIMONY
COMPANY	CASE NO.	ISSUES
Ameren Missouri	ER-2016-0179	Fuel Adjustment Clause
KCPL GMO	EO-2015-0180	MEEIA Prudence Review Program costs and TD-NSB Share, Software system costs, Contractors, Interest Costs
Ameren Missouri	EO-2015-0029	MEEIA Prudence Review Program costs and TD-NSB Share, Software system costs, Contractors, Interest Costs
Empire District Electric Company	EO-2014-0057	FAC Prudence Review Risk Management
AmerenUE	EO-2013-0407	FAC Prudence Review Risk Management
KCP&L Greater Missouri Operations (GMO)	EO-2013-0325	FAC Prudence Review Purchased Power Agreements & Costs, Hourly weighted Transfer Pricing, Off- system sales revenue
Empire District Electric Company	EO-2013-0114	FAC Prudence Review Financial Hedges, Off-system sales revenue
Ameren Missouri	EO-2012-0074	FAC Prudence Review Direct/Rebuttal Requirements Contracts
KCP&L Greater Missouri Operations (GMO)	EO-2011-0390	FAC Prudence Review Direct/Rebuttal Hedging Purchased Power
Empire District Electric Company	EO-2011-0285	FAC Prudence Review FAC Components
AmerenUE	EO-2010-0255	FAC Prudence Review Direct/Rebuttal Requirements Contracts

Case Proceeding Participation
cont'd Dana E. Eaves

PARTICIPATION		TESTIMONY
COMPANY	CASE NO.	ISSUES
Empire District Electric Company	EO-2010-0084	FAC Prudence Review Fuel Cost, Off-System Sales, Interest Cost
Missouri American Water Company	WR-2008-0311	Surrebuttal; Pension and Other Post-Retirement Employee Benefits Costs, Annual Incentive Plan Pay-out Based Upon Meeting Financial Goals and Customer Satisfaction Survey, Labor and Labor-Related Expenses, Rate Case Expenses, Insurance Other than Group, and Waste Disposal Expense
Empire District Electric Company	ER-2008-0093	Fuel and Purchased Power, Fuel Inventories, FAS 87 (pension), FAS 106 (OPEBS), Expenses and Regulatory Assets, Off System Sales, Transmission Revenue, SO2 Allowances, Maintenance Expense
Laclede Gas Company	GR-2007-0208	Accounting Schedules Reconciliation
Aquila, Inc d/b/a Aquila Networks-MPS & L&P	ER-2007-0004	Payroll Expense, Payroll Taxes and Employee Benefits
Empire District Electric Company	ER-2006-0315	Direct - Jurisdictional Allocations Factors, Revenue, Uncollectible Expense, Pensions, Prepaid Pension Asset, Other Post-Employment Benefits Rebuttal - Updated: Pension Expense, Updated Prepaid Pension Asset, OPEB's Tracker, Minimum Pension Liability
Missouri Gas Energy (Gas)	GR-2004-0209	Direct – Cash Working Capital, Payroll, Payroll Taxes, Incentive Compensation, Bonuses, Materials and Supplies, Customer Deposits and Interest, Customer Advances and Employee Benefits Surrebuttal – Incentive Compensation
Aquila, Inc. d/b/a Aquila Networks-MPS & L&P (Natural Gas)	GR-2004-0072	Direct - Payroll Expense, Employee Benefits, Payroll Taxes Rebuttal – Payroll Expense, Incentive Compensation, Employer Health, Dental and Vision Expense

Case Proceeding Participation
cont'd Dana E. Eaves

PARTICIPATION		TESTIMONY
COMPANY	CASE NO.	ISSUES
Aquila, Inc. d/b/a Aquila Networks-MPS (Electric)	ER-2004-0034	Direct - Payroll Expense, Employee Benefits, Payroll Taxes Rebuttal – Payroll Expense, Incentive Compensation, Employer Health, Dental and Vision Expense
Aquila, Inc. d/b/a Aquila Networks-L&P (Electric & Steam)	HR-2004-0024	Direct - Payroll Expense, Employee Benefits, Payroll Taxes
Osage Water Company	ST-2003-0562 WT-2003-0563	Direct - Plant Adjustment, Operating & Maintenance Expense Adjustments
Empire District Electric Company	ER-2002-0424	Direct - Cash Working Capital, Property Tax, Tree Trimming, Injuries and Damages, Outside Services, Misc. Adjustments
Citizens Electric Corporation	ER-2002-0297	Direct - Depreciation Expense, Accumulated Depreciation, Customer Deposits, Material & Supplies, Prepayments, Property Tax, Plant in Service, Customer Advances in Aid of Construction
UtiliCorp United Inc, d/b/a Missouri Public Service	ER-2001-672	Direct - Advertising, Customer Advances, Customer Deposits, Customer Deposit Interest Expense, Dues and Donations, Material and Supply, Prepayments, PSC Assessment, Rate Case Expense

PROCEEDING PARTICIPATION

DANA E. EAVES

PARTICIPATION – No direct testimony filed or NON-Case (Informal) proceeding		
COMPANY	CASE or Tracking No.	ISSUES
Osage Water Company Camden County Circuit Court	APCV102627CC	Legal Fees
RDG Sanitation	SA-2010-0096	Certificate Case
Mid Mo Sanitation	SR-2009-0153	Informal General Rate Case
Highway H Utilities, Inc.	SR-2009-0392 and WR-2009-0393	Informal General Rate Case Lead Auditor
Osage Water Company	SR-2009-0149 WR-2009-0152	General Rate Case Lead Auditor
Hickory Hills	SR-2009-0151 WR-2009-0154	General Rate Case Lead Auditor
Missouri Utilities	SR-2009-0153 WR-2009-0150	General Rate Case Lead Auditor
Roy L. Utilities	QS-2008-0001 and QW-2008-0002	General Informal Rate Case Lead Auditor
IH Utilities, Inc.	QW-2007-0003	General Rate Case Lead Auditor
W.P.C. Sewer Company	QS-2007-0005	Rate Case Lead Auditor
West 16 th Street Sewer Company, Inc.	QS-2007-0004	Rate Case Lead Auditor
Gladlo Water & Sewer Company, Inc.	QS-2007-0001 and QW-2007-0002	Rate Case Lead Auditor Supervised: Kofi Boateng

Proceeding Participation
cont'd Dana E. Eaves

PARTICIPATION – No direct testimony filed or NON-Case (Informal) proceeding		
COMPANY	CASE or Tracking No.	ISSUES
Taneycomo Highlands, Inc.	QS-2006-0004	Rate Case Lead Auditor
Empire District Electric	QW-2005-0013	Informal General Rate Case
Cass County Telephone Company	TO-2005-0237	Cash Flow Analysis, LEC Invoices, Bank Reconciliations, Expense Analysis
LTA Water Company	WM-2005-0058	Merger Case with Missouri American Main Issue: Plant Valuation Lead Auditor
Noel Water Company, Inc.	QW-2005-0002	Rate Case Lead Auditor Supervised: Kofi Boateng
Suburban Water and Sewer Company, Inc.	QW-2005-0001	Rate Case Lead Auditor Supervised: Kofi Boateng
Osage Water Company	WC-2003-0134	Customer Refund Review
Noel Water Company, Inc.	QW-2003-0022	Rate Case Lead Auditor Supervised: Trisha Miller
AquaSource	WR-2003-0001 and SR-2003-0002	Plant in Service, Construction Work in Progress, Payroll, Depreciation Expense
Warren County Water and Sewer Company	WC-2002-155	Pump Repair/replacement, Revenue, Salary
Environmental Utilities, LLC	WA-2002-65	Certificate Case
Meadows Water Company	WR-2001-966 and SR-2001-967	Expense Items

Sarah L. Kliethermes

MOPSC EMPLOYMENT EXPERIENCE

Regulatory Economist III (July 2013 – Present)

Tariff and Rate Design Unit, Operational Analysis Department, Commission Staff Division, of the Missouri Public Service Commission. In this position my duties include providing analysis and recommendations in the areas of RTO and ISO transmission, rate design, class cost of service, tariff compliance and design, and energy efficiency mechanism and tariff design. I also continue to provide legal advice and assistance regarding generating station and environmental control construction audits and electric utility regulatory depreciation.

My prior positions in the Commission's General Counsel's Office, which was reorganized as the Staff Counsel's Office, consisted of leading major rate case litigation and settlement and presenting Staff's position to the Commission, and providing legal advice and assistance primarily in the areas of depreciation, cost of service, class cost of service, rate design, tariff issues, resource planning, accounting authority orders, construction audits, rulemakings and workshops, fuel adjustment clauses, document management and retention, and customer complaints. Those positions were:

Senior Counsel (September 2011 – July 2013)

Associate Counsel (September 2009 – September 2011)

Legal Counsel (September 2007 – September 2009)

Legal Intern (May 2006 – September 2007)

TESTIMONY

Contributor to Staff Rate Design and Class Cost of Service Report, regarding production cost allocation and energy costs, contributor to Staff's Report Responding to Certain Commission Questions concerning infrastructure efficiency and time-differentiated rates, in Case No. ER-2016-0285, In the Matter of Kansas City Power & Light Request for Authority to File Tariffs to Increase Rates.

Contributor to Staff Cost of Service Report, regarding Noranda revenues, in Case No. ER-2016-0179, In the Matter of Union Electric Company d/b/a Ameren Missouri for Authority to File Tariffs to Increase Rates.

Provided at on the record presentations, as well as contributor to Contributor to Class Cost of Service and Rate Design Report and prefiled Rebuttal, and Compliance Tariff Recommendation regarding Rate Design, billing determinants, tariff issues, low income rates, and tail block rate designs in Case No. ER-2016-0156, In the Matter of KCP&L Greater Missouri Operations Company's Request for Authority to File Tariffs to Increase Rates.

cont'd Sarah L. Kliethermes

Provided Staff Recommendation to Approve Tariff Sheet in Case No. ET-2017-0097, concerning KCP&L Greater Missouri Operations Company's Renewable Energy Standard Rate Adjustment Mechanism.

Provided Staff Recommendation to Approve Tariff Sheets, and Staff Recommendation to Approve Tariff Sheets in Case No. ER-2016-0325, concerning Kansas City Power & Light Company's Demand Side Investment Mechanism.

Provided initial Staff Recommendation to reject Kansas City Power & Light Company's proposed tariff sheets to modify its Demand Side Investment Mechanism, and subsequent Staff Recommendation to approve tariff sheet in Case No. ER-2014-0095.

Provided at on the record presentations, as well as contributor to Contributor to Staff Cost of Service Report; and Staff Class Cost of Service and Rate Design Report; prefiled Direct, Rebuttal, and Surrebuttal; and Compliance Tariff Recommendation, regarding special contract revenues, Class Cost of Service, Rate Design, tariff issues, low income rates, and tail block rate designs in Case No. ER-2016-0023, In the Matter of The Empire District Electric Company's Request for Authority to File Tariffs to Increase Rates.

Provided at hearing, as well as prefiled Rebuttal concerning retail rate impact and public interest concerning Case No. EA-2015-0146, 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 Associated Substation near Kirksville, Missouri.

Contributor to Staff recommendations concerning Case No. EA-2015-0145, Application of Ameren Transmission Company of Illinois for Other Relief or in the Alternative, a Certificate of Public Convenience and Necessity Authorizing it to Construct, Install, Own, Operate, Maintain and Otherwise Control and Manage a 345,000-volt Electric Transmission Line in Marion County, Missouri and an Associated Switching Station Near Palmyra, Missouri.

Contributor to Staff Class Cost of Service and Rate Design Report, regarding Class Cost of Service; prefiled Rebuttal and Surrebuttal, regarding Class Cost of Service and marginal energy cost, in Case No. ER-2014-0370, In the Matter of Kansas City Power & Light Company's Request for Authority to File Tariffs to Increase Rates.

Provided at hearing, as well as deposed, as well as prefiled Rebuttal, Supplemental Direct, and Rebuttal to Supplemental Direct, regarding marginal revenue calculation, throughput disincentive, earnings opportunity and performance incentive, and customer-related issues, in Case No. ER-2015-0055, Union Electric Company d/b/a Ameren Missouri application under the Missouri Energy Efficiency Investment Act.

cont'd Sarah L. Kliethermes

Provided at hearing, as well as contributor to contributor to Staff Cost of Service Report, regarding special contract tariff revenues, and Staff Class Cost of Service and Rate Design Report, regarding Class Cost of Service and miscellaneous tariff issues; prefiled Rebuttal and Surrebuttal, regarding Class Cost of Service and special contracts, in Case No. ER-2014-0351, In the Matter of The Empire District Electric Company's Request for Authority to File Tariffs to Increase Rates.

Provided at hearing and deposed, as well as contributor to Staff Cost of Service Report, regarding Noranda revenues, and Staff Class Cost of Service and Rate Design Report, regarding Class Cost of Service; prefiled Rebuttal and Surrebuttal, regarding Class Cost of Service, incremental cost of energy, and Noranda rate design, in Case No. ER-2014-0258, In the Matter of Union Electric Company d/b/a Ameren Missouri for Authority to File Tariffs to Increase Rates.

Provided at hearing, as well as prefiled Rebuttal and Surrebuttal, regarding energy price efficiency and transmission, in Case No. EA-2014-0207, Application of Grain Belt Express Clean Line LLC for a Certificate of Convenience and Necessity.

Contributor to Staff recommendation concerning Ameren Missouri municipal lighting, in Case No. EC-2014-0316, City of O'Fallon, Missouri, and City of Ballwin, Missouri, Complainants v. Union Electric Company d/b/a Ameren Missouri, Respondent.

Contributor to Staff Report, regarding a requested Certificate of Convenience and Necessity, a requested Special Contract tariff sheet, and tariff review, in Case No. HR-2014-0066, In the Matter of Veolia Energy Kansas City, Inc for Authority to File Tariffs to Increase Rates.

Provided at hearing, as well as prefiled Rebuttal and Surrebuttal, regarding average wholesale energy prices, in Case No. EC-2014-0224, Noranda Aluminum, Inc., et al., Complainants, v. Union Electric Company d/b/a Ameren Missouri, Respondent.

Rebuttal, regarding DSIM tariff design, margin rate calculation, and customer-related issues, in Case No. ER-2014-0095, Kansas City Power & Light application under the Missouri Energy Efficiency Investment Act. Case resolved by stipulation.

Contributor to Staff recommendation concerning KCP&L Greater Missouri Operations Company's Application for a Renewable Energy Standard Rate Adjustment Mechanism, in Case No. EO-2014-0151, addressing issues of customer notice and tariff design. Staff recommendation to approve compliance tariffs.

cont'd Sarah L. Kliethermes

RELATED TRAINING AND EXPERIENCE

2015, participant in Missouri's Comprehensive Statewide Energy Plan working group on Energy Pricing and Rate Setting Processes.

Presented:

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

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

Ratemaking Basics (Sept. 14, 2012)

Attended:

Using Deemed Savings and Technical Reference Manuals for Efficiency Programs and Projects Evaluation, Measurement and Verification for Energy Efficiency (June 27, 2016)

Demand Charges: Pathway or Detour? (December 10, 2015)

Net Metering presented by Ralph Zarumba (December 9, 2014)

Fourth Annual Public Utility Law Symposium (October 17, 2014)

Electricity Energy Storage Sources (August 29, 2014)

Combined Heat & Power: Planning, Design and Operation (August 11, 2014)

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

MISO Markets & Settlements Training for OMS and ERSC Commissioners & Staff (Jan. 27 – 28, 2014)

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

PSC Transmission Training (May 14 – 16, 2013)

Grid School (March 4 – 7, 2013)

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

Legal Practice Before the Missouri Public Service Commission (Sept. 1, 2011)

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

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

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

Utility Basics (Oct. 14 – 19, 2007)

EDUCATION

Studied Energy Transmission at Bismarck State College, online (2014 – 2015).

Licensed to Practice Law in Missouri, MoBar # 60024 (Summer 2007).

Juris Doctorate, University of Missouri, Columbia, Missouri (2004 – 2007).

Bachelor of Science in Historic Preservation, Cum Laude, minor in Architectural Design, Southeast Missouri State University, Cape Girardeau, Missouri (2002 – 2004).

2000 – 2002: Studied Architecture and English Literature at Drury University, Springfield, Missouri.

2013 Economics courses at Columbia College, Jefferson City campus.

OTHER EMPLOYMENT EXPERIENCE

Law Clerk, Contracting and Organization Research Institute. Performed legal research; analyzed, described, and categorized contracts.

Paid Intern, Southeast Missouri State University. Accessioned and organized artifact collections for the Missouri Department of Natural Resources, Division of State Parks and Historic Sites.

Intermediate Clerk, Missouri Department of Elementary and Secondary Education. Responsibilities included organizing and managing various forms of data.