

**MISSOURI PUBLIC SERVICE COMMISSION**

**STAFF REPORT**

**RATE DESIGN**

**APPENDIX 1**

**Staff Credentials**

**KCP&L GREATER MISSOURI OPERATIONS COMPANY**

**CASE NO. ER-2016-0156**

*Jefferson City, Missouri*  
*July 2016*

**APPENDIX 1**  
**STAFF CREDENTIALS**  
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# MATTHEW J. BARNES

## Educational and Employment Background and Credentials

I am a Utility Regulatory Auditor IV in the Water and Sewer Department, Commission Staff Division for the Missouri Public Service Commission. I was promoted to Utility Regulatory Auditor IV in the Energy Resources Department, Commission Staff Division for the Missouri Public Service Commission in June 2008. I accepted the position of Utility Regulatory Auditor I/II/III in June 2003. I transferred to the position of Utility Regulatory Auditor IV in the Water and Sewer Department in June 2016.

In December 2002, I earned a Bachelor of Science Degree in Business Administration with an Emphasis in Accounting from Columbia College. In May 2005, I earned a Masters in Business Administration with an Emphasis in Accounting from William Woods University.

### RATE CASE PARTICIPATION

Date Filed	Issue	Case Number	Exhibit	Case Name
09/08/2004	Merger with TXU Gas	GM20040607	Staff Recommendation	Atmos Energy Corporation
10/15/2004	Rate of Return	TC20021076	Supplemental Direct	BPS Telephone Company
06/28/2005	Finance Recommendation	EF20050387	Staff Recommendation	Kansas City Power and Light Company
06/28/2005	Finance Recommendation	EF20050388	Staff Recommendation	Kansas City Power and Light Company
08/31/2005	Finance Recommendation	EF20050498	Staff Recommendation	Kansas City Power and Light Company
11/15/2005	Spin-off of landline operations	IO20060086	Rebuttal	Sprint Nextel Corporation
03/08/2006	Spin-off of landline operations	TM20060272	Rebuttal	Alltel Missouri, Inc.

# MATTHEW J. BARNES

## RATE CASE PARTICIPATION cont'd

<b>Date Filed</b>	<b>Issue</b>	<b>Case Number</b>	<b>Exhibit</b>	<b>Case Name</b>
08/08/2006	Rate of Return	ER20060314	Direct	Kansas City Power & Light Company
09/08/2006	Rate of Return	ER20060314	Rebuttal	Kansas City Power & Light Company
09/13/2006	Rate of Return	GR20060387	Direct	Atmos Energy Corporation
10/06/2006	Rate of Return	ER20060314	Surrebuttal	Kansas City Power & Light Company
11/07/2006	Rate of Return	ER20060314	True-Up Direct	Kansas City Power & Light Company
11/13/2006	Rate of Return	GR20060387	Rebuttal	Atmos Energy Corporation
11/23/2006	Rate of Return	GR20060387	Surrebuttal	Atmos Energy Corporation
12/01/2006	Rate of Return	WR20060425	Direct	Algonquin Water Resources of Missouri LLC
12/28/2006	Rate of Return	WR20060425	Rebuttal	Algonquin Water Resources of Missouri LLC
01/12/2007	Rate of Return	WR20060425	Surrebuttal	Algonquin Water Resources of Missouri LLC
02/07/2007	Finance Recommendation	GF20070220	Staff Recommendation	Laclede Gas Company
05/04/2007	Rate of Return	GR20070208	Direct	Laclede Gas Company

# MATTHEW J. BARNES

## RATE CASE PARTICIPATION cont'd

<b>Date Filed</b>	<b>Issue</b>	<b>Case Number</b>	<b>Exhibit</b>	<b>Case Name</b>
07/24/2007	Rate of Return	ER20070291	Direct	Kansas City Power and Light Company
08/30/2007	Rate of Return	ER20070291	Rebuttal	Kansas City Power and Light Company
09/20/2007	Rate of Return	ER20070291	Surrebuttal	Kansas City Power and Light Company
11/02/2007	Rate of Return	ER20070291	True-up Direct	Kansas City Power and Light Company
02/01/2008	Finance Recommendation	EF20080214	Staff Recommendation	Kansas City Power and Light Company
02/22/2008	Rate of Return	ER20080093	Cost of Service Report	The Empire District Electric Company
04/04/2008	Rate of Return	ER20080093	Rebuttal Testimony	The Empire District Electric Company
04/25/2008	Rate of Return	ER20080093	Surrebuttal Testimony	The Empire District Electric Company
08/18/2008	Rate of Return	WR20080311	Cost of Service Report	Missouri-American Water Company
09/30/2008	Rate of Return	WR20080311	Rebuttal Testimony	Missouri-American Water Company
10/16/2008	Rate of Return	WR2008031	Surrebuttal Testimony	Missouri-American Water Company
02/26/2010	Fuel Adjustment Clause	ER20100130	Cost of Service Report	The Empire District Electric Company

# MATTHEW J. BARNES

## RATE CASE PARTICIPATION cont'd

<b>Date Filed</b>	<b>Issue</b>	<b>Case Number</b>	<b>Exhibit</b>	<b>Case Name</b>
04/02/2010	Fuel Adjustment Clause	ER20100130	Rebuttal Testimony	The Empire District Electric Company
04/23/2010	Fuel Adjustment Clause	ER20100130	Surrebuttal Testimony	The Empire District Electric Company
02/23/11	Fuel Adjustment Clause	ER20110004	Cost of Service Report	The Empire District Electric Company
04/22/11	Fuel Adjustment Clause	ER20110004	Rebuttal Testimony	The Empire District Electric Company
04/28/11	Fuel Adjustment Clause	ER20110004	Surrebuttal Testimony	The Empire District Electric Company
05/06/11	Fuel Adjustment Clause	ER20110004	True-up Direct Testimony	The Empire District Electric Company
10/21/11	Costs for the Phase-In Tariffs	ER20120024	Direct Testimony	KCP&L Greater Missouri Operations Company
11/17/11	Rate of Return	WR20110337	Cost of Service Report	Missouri-American Water Company
08/09/12	Fuel Adjustment Clause	ER20120175	Staff Report	KCP&L Greater Missouri Operations Company
09/12/12	Fuel Adjustment Clause	ER20120175	Rebuttal Testimony	KCP&L Greater Missouri Operations Company
10/10/12	Fuel Adjustment Clause	ER20120175	Surrebuttal Testimony	KCP&L Greater Missouri Operations Company
11/30/12	Fuel Adjustment Clause	ER20120345	Cost of Service Report	The Empire District Electric Company

# MATTHEW J. BARNES

## RATE CASE PARTICIPATION cont'd

<b>Date Filed</b>	<b>Issue</b>	<b>Case Number</b>	<b>Exhibit</b>	<b>Case Name</b>
12/13/14	Fuel Adjustment Clause	ER20120345	Class Cost of Service Report	The Empire District Electric Company
01/16/13	Fuel Adjustment Clause	ER20120345	Rebuttal Testimony	The Empire District Electric Company
02/14/13	Fuel Adjustment Clause	ER20120345	Surrebuttal Testimony	The Empire District Electric Company
12/05/14	Fuel Adjustment Clause	ER20140258	Cost of Service Report	Ameren Missouri
12/19/14	Fuel Adjustment Clause	ER20140258	Class Cost of Service Report	Ameren Missouri
01/16/15	Fuel Adjustment Clause	ER20140258	Rebuttal Testimony	Ameren Missouri
02/06/15	Fuel Adjustment Clause	ER20140258	Surrebuttal Testimony	Ameren Missouri
03/17/15	Fuel Adjustment Clause	ER20140258	True-up Direct Testimony	Ameren Missouri
07/15/16	Fuel Adjustment Clause	ER20160159	Cost of Service Report	KCP&L Greater Missouri Operations Company

**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 was 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



**EDUCATION**

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

COLUMBIA COLLEGE, JEFFERSON CITY, MO

**CASE PROCEEDING PARTICIPATION**

**DANA E. EAVES**

<b>PARTICIPATION</b>		<b>TESTIMONY</b>
<b>COMPANY</b>	<b>CASE NO.</b>	<b>ISSUES</b>
KCP&L Greater Missouri Operations (GMO)	ER-2016-0156	Rate Case Hedging Activities
Kansas City Power and Light (KCP&L)	EO-2016-0183	MEEIA Prudence Review Case Lead
KCP&L Greater Missouri Operations (GMO)	EO-2015-0180	MEEIA Prudence Review Case Lead
Ameren Missouri	EO-2015-0029	MEEIA Prudence Review Case Lead 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

**cont'd DANA E. EAVES**  
**CASE PROCEEDING PARTICIPATION**

PARTICIPATION		TESTIMONY
COMPANY	CASE NO.	ISSUES
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
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

**cont'd DANA E. EAVES**  
**CASE PROCEEDING PARTICIPATION**

PARTICIPATION		TESTIMONY
COMPANY	CASE NO.	ISSUES
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
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

**cont'd DANA E. EAVES**  
**CASE PROCEEDING PARTICIPATION**

<b>PARTICIPATION</b>		<b>TESTIMONY</b>
<b>COMPANY</b>	<b>CASE NO.</b>	<b>ISSUES</b>
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

## **Robin Kliethermes**

### **Present Position:**

I became Manager of the Tariff and Rate Design Unit, Operational Analysis Department, Commission Staff Division, of the Missouri Public Service Commission on July 16, 2016. Previously I was a Regulatory Economist in the Tariff and Rate Design Unit, Operational Analysis Department, Commission Staff Division, of the Missouri Public Service Commission. I have been employed by the Missouri Public Service Commission since March of 2012. In May of 2013, I presented on Class Cost of Service and Cost Allocation to the National Agency for Energy Regulation of Moldova (ANRE) as part of the National Association of Regulatory Utility Commissioners (NARUC) Energy Regulatory Partnership Program. I also serve on the Electric Meter Variance Committee.

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

I have a Bachelor of Science degree in Parks, Recreation and Tourism with a minor in Agricultural Economics from the University of Missouri – Columbia in 2008, and a Master of Science degree in Agricultural Economics from the same institution in 2010. Prior to joining the Commission, I was employed by the University of Missouri Extension as a 4-H Youth Development Specialist and County Program Director in Gasconade County.

Additionally, I completed two online classes through Bismarck State College: Energy Markets and Structures (ENRG 420) in December, 2014 and Energy Economics and Finance (ENRG 412) in May, 2015.

**Previous Testimony of Robin Kliethermes**

<b>Case No.</b>	<b>Company</b>	<b>Type of Filing</b>	<b>Issue</b>
ER-2012-0166	Ameren Missouri	Staff Report	Economic Considerations
ER-2012-0174	Kansas City Power & Light	Staff Report	Economic Considerations
ER-2012-0175	KCP&L Greater Missouri Operations Company	Staff Report	Economic Considerations & Large Power Revenues
ER-2012-0345	Empire District Electric Company	Staff Report	Economic Considerations, Non-Weather Sensitive Classes & Energy Efficiency
HR-2014-0066	Veolia Kansas City	Staff Report	Revenue by Class and Class Cost of Service
GR-2014-0086	Summit Natural Gas	Staff Report	Large Customer Revenues
GR-2014-0086	Summit Natural Gas	Rebuttal	Large Customer Revenues
EC-2014-0316	City of O'Fallon Missouri and City of Ballwin, Missouri v. Union Electric Company d/b/a Ameren Missouri	Staff Memorandum	Overview of Case
EO-2014-0151	KCP&L Greater Missouri Operations Company	Staff Recommendation	Renewable Energy Standard Rate Adjustment Mechanism (RESRAM)
ER-2014-0258	Ameren Missouri	Staff Report	Rate Revenue by Class, Class Cost of Service study, Residential Customer Charge
ER-2014-0258	Ameren Missouri	Rebuttal	Weather normalization adjustment to class billing units
ER-2014-0258	Ameren Missouri	Surrebuttal	Residential Customer Charge and Class allocations
ER-2014-0351	Empire District Electric Company	Staff Report	Rate Revenue by Class, Class Cost of Service study, Residential Customer Charge
ER-2014-0351	Empire District Electric Company	Rebuttal & Surrebuttal	Residential Customer, Interruptible Customers

**Cont'd Previous Testimony**  
**of Robin Kliethermes**

<b>Case No.</b>	<b>Company</b>	<b>Type of Filing</b>	<b>Issue</b>
ER-2014-0370	Kansas City Power & Light Company	Staff Report	Rate Revenue by Class, Class Cost of Service study, Residential Customer Charge
ER-2014-0370	Kansas City Power & Light Company	Rebuttal & Surrebuttal	Class Cost of Service, Rate Design, Residential Customer Charge
ER-2014-0370	Kansas City Power & Light Company	True-Up Direct & True-Up Rebuttal	Customer Growth & Rate Switching
EE-2015-0177	Kansas City Power & Light Company	Staff Recommendation	Electric Meter Variance Request
EE-2016-0090	Ameren Missouri	Staff Recommendation	Tariff Variance Request
EO-2016-0100	KCP&L Greater Missouri Operations Company	Staff Recommendation	RESRAM Annual Rate Adjustment Filing
ET-2016-0185	Kansas City Power & Light Company	Staff Recommendation	Solar Rebate Tariff Change
ER-2016-0023	The Empire District Electric Company	Staff Report	Rate Revenue by Class, CCOS and Residential Customer Charge
ER-2016-0023	The Empire District Electric Company	Rebuttal & Surrebuttal	Residential Customer Charge and CCOS
ER-2016-0156	KCP&L Greater Missouri Operations Company	Staff Report	Executive Summary and Retail Rate Revenues

## 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**

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 Rebuttal and Surrebuttal, 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.



**cont'd Sarah L. Kliethermes**

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.

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.

## cont'd Sarah L. Kliethermes

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.

### **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)*

## **cont'd Sarah L. Kliethermes**

*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.

## David C. Roos

**Present Position:** I am a Regulatory Economist III in the Energy Resource Department, Commission Staff Division of the Missouri Public Service Commission.

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

In May 1983, I graduated from the University of Notre Dame, Notre Dame, Indiana, with a Bachelor of Science Degree in Chemical Engineering. I also graduated from the University of Missouri in December 2005, with a Master of Arts in Economics. I have been employed at the Missouri Public Service Commission as a Regulatory Economist III since March 2006. I began my employment with the Commission in the Economics Analysis section where my responsibilities included class cost of service and rate design. In 2008, I moved to the Energy Resource Analysis section where my testimony and responsibility topics include energy efficiency, resource analysis, and fuel adjustment clauses. Prior to joining the Public Service Commission I taught introductory economics and conducted research as a graduate teaching assistant and graduate research assistant at the University of Missouri. Prior to the University of Missouri, I was employed by several private firms where I provided consulting, design, and construction oversight of environmental projects for private and public sector clients.

### **Previous Cases**

<u>Company</u>	<u>Case No.</u>
Empire District Electric Company	ER-2006-0315
AmerenUE	ER-2007-0002
Aquila Inc.	ER-2007-0004
Kansas City Power and Light	ER-2007-0291
AmerenUE	EO-2007-0409

cont'd David C. Roos

<u>Company</u>	<u>Case No.</u>
Empire District Electric Company	ER-2008-0093
Kansas City Power and Light	ER-2008-0034
Greater Missouri Operations	HR-2008-0340
Greater Missouri Operations	ER-2009-0091
Greater Missouri Operations	EO-2009-0115
Greater Missouri Operations	EE-2009-0237
Greater Missouri Operations	EO-2009-0431
Empire District Electric Company	ER-2010-0105
Greater Missouri Operations	EO-2010-0002
AmerenUE	ER-2010-0036
AmerenUE	ER-2010-0044
Empire District Electric Company	EO-2010-0084
Empire District Electric Company	ER-2010-0105
AmerenUE	ER-2010-0165
Greater Missouri Operations	EO-2010-0167
AmerenUE	EO-2010-0255
Greater Missouri Operations (Aquila)	EO-2008-0216
Ameren Missouri	ER-2011-0028
Empire District Electric Company	EO-2011-0066
Empire District Electric Company	EO-2011-0285
Ameren Missouri	EO-2012-0074
Greater Missouri Operations	EO-2012-0009
Ameren Missouri	EO-2012-0142
Ameren Missouri	ER-2012-0166
Greater Missouri Operations	EO-2013-0325
Ameren Missouri	EO-2013-0407
Empire District Electric Company	EO-2014-0057
Greater Missouri Operations	EO-2014-0256
Empire District Electric Company	ER-2014-0351
Greater Missouri Operations	EO-2015-0252
Kansas City Power and Light	EO-2015-0254
Empire District Electric Company	ER-2015-0214
Greater Missouri Operations	EO-2016-0053
Empire District Electric Company	ER-2016-0023