FILED September 2, 2014 Data Center Missouri Public Service Commission

MISSOURI PUBLIC SERVICE COMMISSION

STAFF REPORT

COST OF SERVICE

REVENUE REQUIREMENT

APPENDIX 1

Staff Credentials

SUMMIT NATURAL GAS OF MISSOURI, INC.

CASE NO. GR-2014-0086

Jefferson City, Missouri May 2014

> Date 8-19-16 Reporter 45 File No. GR - 2014 - COS6

APPENDIX 1

STAFF CREDENTIALS

Bocklage, Michelle	
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MICHELLE BOCKLAGE

Present Position

I am currently employed as a Rate & Tariff Examiner III with the Energy Rate

Design & Tariffs Unit within the Tariff, Safety, Economic & Engineering Analysis

Department of the Missouri Public Service Commission (Commission). The Rate Design & Tariffs Unit participates and makes recommendations on tariff fillings and various case fillings 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 at the Missouri Public Service Commission as a Rate & Tariff Examiner III since July 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.

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Case Proceedings Participation

Michelle Bocklage

Date: Filed	Gase Number	Gompany Name	Testimony - Type	Issue(s)
03/20/2012	EO-2012-0009	Greater Missouri Operations	Rebuttal	Tariff Issue
04/13/2012	EO-2012-0142	Ameren Missouri	Rebuttal	Tariff Issue
05/04/2012	EO-2012-0142	Ameren Missouri	Surrebuttal	Tariff Issue
01/29/2014	GR-2014-0007	Laclede Gas Co.	Direct	Weather Normalization

KORY BOUSTEAD

Present Position

I am currently employed as a Rate & Tariff Examiner II with the Energy Rate Design & Tariffs Unit within the Tariff, Safety, Economic & Engineering Analysis Department of the Missouri Public Service Commission (Commission). The Rate Design & Tariffs Unit 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

In December 2008, 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.

I have been employed at the Missouri Public Service Commission as a Rate & Tariff Examiner II since July 2012. In May of this year I became a member of the Missouri Weatherization Policy Advisory Council (MWPAC) as the Missouri Public Service Commission Representative. My term as a MWPAC member will expire July 1, 2016. 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 different Jefferson City companies in the fields of advertising and wireless phone service.

KIM COX

Education and Employment Background and Credentials

I attended Central Missouri State University at Warrensburg, Missouri. In May 1996, I received a Bachelor of Science degree.

I am currently employed as a Utility Policy Analyst II with the Energy Rate Design & Tariffs Unit within the Tariff, Safety, Economic & Engineering Analysis Department of the Missouri Public Service Commission (Commission). I have been employed by the Commission since July, 2009. From July 2009 to June 2013, I worked in the Tariffs/Rate Design Section of the Energy Unit as a Rate and Tariff Examiner III, where my duties consisted of analyzing applications, reviewing tariffs and making recommendations based upon those evaluations. On June 16, 2014, I assumed my current position as Utility Policy Analyst II within the same Section, where my duties consist of coordinating highly complex activities, analyzing applications, reviewing tariffs, and making recommendations based upon my evaluations. Prior to joining the Commission, I held the position of a Quality Assurance Analyst in the regulatory field for ten years.

KIM COX

Summary of Case Involvement

	Company	Issue	Type of Filing
		Weather Normalized Sales	
	The Empire District Gas	and Coincident-Peak Day	
GR-2009-0434	Company	Demand	Staff Report
		Weather Normalized Sales,	
		Blocks and Coincident-Peak	
GR-2010-0171	Laclede Gas Company	Day Demand	Staff Report
GR-2010-0171	Laclede Gas Company	Weather Normalized Sales	Rebuttal
<u> </u>		Weather Normalized Sales,	
	Union Electric d/b/a	Blocks and Coincident-Peak	
GR-2010-0363	Ameren UE	Day Demand	Staff Report
	Southern Missouri	The state of the s	
GR-2010-0347	Natural Gas	Weather Normalized Sales	Staff Report
		Weather Normalized Sales	
		and Coincident-Peak Day	
GR-2010-0192	Atmos	Demand	Staff Report
HR-2011-0241	Veolia	Weather Normalized Sales	Staff Report
		L&P Weather Normalization	
ER-2012-0175	KCP&L and GMO	and Annualization	Staff Report
		Direct COS sponsor of	
	-	Weather, Weather	
		Normalization and Large	
GR-2014-0007		Volume Customer Revenue	
Coordinated	Missouri Gas Energy	Adjustment	Direct Testimony
 _		Direct CCOS sponsor of Rate	
		Design, Miscellaneous Tariff	
		Issues, School]
		Transportation Capacity,	
GR-2014-0007		Gas Supply Incentive Plan	
Coordinated	Missouri Gas Energy	and Staff's CCOS	Direct Testimony

Brad Fortson

Education and Employment Background

I am a Regulatory Economist in the Economic Analysis Section, Regulatory Review Division of the Missouri Public Service Commission. I have been employed at the Missouri Public Service Commission since December 2012.

I received my Associate of Applied Science degree in Computer Science in May 2003,

Bachelor of Science degree in Business Administration in May 2009, and Master of Business

Administration degree with an emphasis in Management in May 2012 from Lincoln University,

Jefferson City, Missouri.

Prior to joining the Commission, I worked in various accounting positions within four state agencies of the State of Missouri. I was employed as an Account Clerk II for the Inmate Finance Section of the Missouri Department of Corrections; as an Account Clerk II for the Accounts Payable Section of the Missouri Department of Health and Senior Services; as a Contributions Specialist for the Employer Accounts Section of the Missouri Department of Labor and Industrial Relations; and as an Accountant I for the Payroll Section of the Missouri Office of Administration.

Brad Fortson

Case Participation History

Case Number	Company	Issue	- Exhibit
HR-2014-0066	Veolia Energy Kansas City	Revenue by Class and Rate Design	Staff Report
HT-2014-0286	KCP&L Greater Missouri Operations Company	Quarterly Cost Adjustment verification	Staff Memorandum
HT-2013-0456	KCP&L Greater Missouri Operations Company	Quarterly Cost Adjustment verification	Staff Memorandum

Keith D. Foster

Educational and Employment Background and Credentials

I am currently employed as a Utility Regulatory Auditor IV for the Missouri Public Service Commission (Commission) within the Auditing Unit of the Regulatory Review Division, Utility Services Department. I was employed by the Commission in January 2008. After a 27-year career in the Information Systems (IS) industry, I returned to college and earned a Bachelor of Science degree in Business Administration, major in Accounting from Columbia College. I graduated summa cum laude in October 2007.

Prior to my work at the Commission, I was most recently employed by IBM as a Project Manager and Project Executive. In my capacity as Project Executive, I managed the development and implementation of welfare reform and other system enhancements, ongoing operations and maintenance activities, warranty support, application help desk, and system turnover for the Missouri Automated Child Support System (MACSS), a statewide integrated financial and case management system. I managed all budget, revenue, and profit objectives; developed and maintained detailed spreadsheets to prepare project budgets and revenue projections, to track and manage project costs and revenue daily, and to reconcile with corporate accounting.

I am a member of the Institute of Internal Auditors (IIA) as well as the Project Management Institute (PMI) including the local chapters. I was most recently a board member of the Mid-Missouri PMI chapter, serving two two-year terms as Vice-President of Financial Affairs. In addition, I am a PMI-certified Project Management Professional (PMP), a credential I have held since January 2000.

As a Utility Regulatory Auditor, I perform rate audits and prepare miscellaneous filings as ordered by the Commission. In addition, I review all exhibits and testimony on

Keith D. Foster

assigned issues, develop accounting adjustments, and issue positions which are supported by workpapers and written testimony. For cases that do not require prepared testimony, I prepare Staff Recommendation Memorandums.

Other cases I have been assigned are listed below:

Case/Tracking Number	Company Name - Issue
QW-2008-0010	Tri-States Utility, Inc Property Taxes; Fuel & Electricity Expense; Telephone Expense; Rent Expense; Plant in Service; Depreciation Schedule, Reserve, Rates, and Expense; Transportation Expense; Chemicals Expense; Waste Disposal; Insurance Expense; Contractual Services; Bad Debt Expense; Miscellaneous Expenses
WR-2008-0311	Missouri-American Water Company - Advertising & Promotional Items; Dues and Donations; Cash Working Capital; Plant in Service; Depreciation Expense; Depreciation Reserve; Franchise Tax; Property Taxes; Fuel & Electricity Expense; Telephone Expense; Postage Expense; Purchased Water; Prepayments; Materials & Supplies; Customer Advances; Contributions in Aid of Construction (CIAC)
WR-2009-0098	Raytown Water Company - Materials & Supplies; Prepayments; Customer Deposits; Revenues; Insurance Expense; Utilities Expense; Directors Fees; Office Supplies Expense; Postage Expense; Laboratory Fees; Transportation Expenses; Rate Case Expense; Regulatory Commission Expense
GO-2009-0302	Missouri Gas Energy - Infrastructure Service Replacement Surcharge (ISRS)
SA-2009-0319	Mid-MO Sanitation, LLC – Certificate Case; All Revenue and Expenses; Plant in Service; Depreciation Reserve; Other Rate Base Items
GR-2009-0355	Missouri Gas Energy – Payroll, Payroll Taxes, 401(k), and Other Employee Benefit Costs; Incentive Compensation and Bonuses; Medical and Dental Expense; Bad Debt Expense; Rate Case Expense; Pension Expense; FAS106/OPEBs; Prepaid Pension Asset (PPA); Franchise Tax Expense; Income Tax Expense
SR-2010-0095	Mid-MO Sanitation, LLC – Full Audit of All Revenue and Expenses; Plant in Service; Depreciation Reserve; Other Rate Base Items

Keith D. Foster

ER-2010-0130	Empire District Electric – Fuel and Purchased Power; Fuel Inventories; Gas Stored Underground; Off-System Sales; Transmission Revenue; Payroll, Payroll Taxes, and 401(k) Benefit Costs; Incentive Compensation; Maintenance Normalization Adjustments
WR-2010-0304	Raytown Water Company – Revenues; Rate Case Expense; Regulatory Commission Expense; Utilities Expense; Purchased Water; Insurance Expense; Laboratory Fees; Communication Expense; Transportation Expense
GO-2011-0003	Missouri Gas Energy - Infrastructure Service Replacement Surcharge (ISRS)
ER-2011-0004	Empire District Electric – Fuel and Purchased Power; Fuel Inventories; Gas Stored Underground; Maintenance Normalization Adjustments; Miscellaneous Revenues (SO2 Allowances and Renewable Energy Credits); Operations and Maintenance (O&M) Expenses for Iatan 2 and Plum Point; Transmission Revenue; Entergy Transmission Contract; Reconciliation
WR-2011-0337	Missouri-American Water Company – Belleville Lab Allocations; Chemical Expense; Corporate and District Allocations; Fuel & Electricity Expense; Service Company Management Fees; Business Transformation Program; Reconciliation
WR-2012-0300	Empire District Electric (Water) – Plant-in-Service; Depreciation Reserve; Depreciation Expense; Materials and Supplies; Property Tax Expense; Customer Advances; Operations and Maintenance (O&M) Adjustment
WM-2012-0335	Moore Bend Water Company – Acquisition Case – Plant-in-Service; Depreciation Reserve; Depreciation Expense
ER-2012-0345	Empire District Electric – Fuel and Purchased Power; Fuel Inventories; Gas Stored Underground; Maintenance Normalization Adjustments (Operations and Maintenance Expense); Operations and Maintenance (O&M) Expense Trackers for Iatan 2, Iatan Common, and Plum Point; Entergy Transmission Contract; Reconciliation
WR-2013-0461	Lake Region Water & Sewer – Executive Management Fees; Current Income Taxes; Deferred Income Taxes;
SR-2013-0459	Payroll and Benefits; Payroll Taxes; Allocation Factors; Sludge Removal; Accounting Fees; Legal Fees (Other Than Rate Case Expense); Billing Expense; Outside Services; Travel & Entertainment Expense; and Transportation Expense

JERMAINE GREEN

Education and Employment Background and Credentials

I am currently employed as a Utility Regulatory Auditor III for the Missouri Public Service Commission (Commission). I began my employment with the Commission on June 2nd, 2009. In May 2009 I earned a Bachelor of Arts in Accounting from Westminster College in Fulton, MO. In earning this degree I completed numerous core Accounting and business classes. I completed my Masters in Business Administration at Lincoln University in May of 2012.

As a Utility Regulatory Auditor, I perform rate audits and prepare miscellaneous filings as ordered by the Public Service Commission. In addition, I review all exhibits and testimony on my assigned issues, develop adjustments and issue positions which I then support by work papers and written testimony. For those cases that do not require prepared testimony, I prepare Staff Recommendation Memorandums.

Other cases I have been assigned to or participated are:

Case Number	Company Name - Issue
SR-2014-0166	Hickory Hills Water & Sewer – Payroll, Water & Sewer Revenues, PSC Assessment, Utility Expense, and other Misc. Expenses
WO-2014-0055	Missouri American Water (MAWC) – Infrastructure Service Replacement Surcharge (ISRS)
WR-2013-0543	Roy L Water & Sewer – Payroll, PSC Assessment, and Electric Expense.
SR-2013-0112	Seges Mobile Home Park (Sewer Company) – Lead Auditor - Revenues, Payroll & Taxes, Plant-in-Service, Depreciation Reserve, Bad Debts, Property Tax, Materials & Supplies, Dues & Donations, and PSC Assessment.
ER-2012-0345	Empire Electric – Revenues, Bad Debts, Dues & Donations, Advertising Expense, Outside Services and Jurisdictional Allocations.

Case Number	Company Name - Issue
WR-2012-0300	Empire Water - Revenues, Rate Case Expense, Property Taxes, Bad Debt Expense, Postage Expense, Purchased
WR-2011-0337	Missouri-American Water Company (MAWC) – Revenues, Rate Case Expense, Property Taxes, Bad Debt Expense, Postage Expense, Purchased Water, PSC Assessment, and Franchise Tax.
WA-2011-0260	Braden Park LLC (Certificate Case) – Payroll & Taxes, Purchased Water, Plant-in-Service, and Income Taxes
SR-2011-0133	Seges Mobile Home Park (Sewer Company) — Lead Auditor - Revenues, Payroll & Taxes, Plant-in-Service, Depreciation Reserve, Bad Debts, Property Tax, Materials & Supplies, Dues & Donations, and PSC Assessment.
WR-2011-0037	Tri-States Utility Inc. – Revenues, Payroll & Taxes, Plant-in-Service, CIAC, Depreciation Reserve, Fuel & Power, Chemicals, Bad Debts, Rent, Property Tax, Materials & Supplies, Dues & Donations, and PSC Assessment.
GR-2010-0347	Southern Missouri Natural Gas (SMNG) — Payroll & Payroll Taxes, Customer Deposits, Employee Benefits, Property Tax, Uncollectible Expense, Dues & Subscriptions, Rent, and Advertising.
WR-2010-0309	Middlefork Water Company – Chemicals, Payroll & Payroll Taxes, Revenues, Rate Case Expense, Fuel & Power, Insurance, Maintenance, Materials & Supplies, Transportation Expense and other expenses
WR-2010-0131	Missouri American Water Company (MAWC) – Cash Working Capital (CWC), Fuel & Power, Chemicals, Injuries & Damages, Property Tax, Rate Case Expense, Purchased Water, PSC Assessment, Property Tax, Insurance, Franchise Tax, and Telephone Expense.

Case Number	Company Name - Issue	
WR-2010-0154	SK&M Water and Sewer Company - Plant in Service, Depreciation Expenses and Reserve, Fuel & Power, Revenues, and Customer Deposits	
GR-2009-0434	Empire District Gas (EDG) - Plant in Service, Depreciation Expenses and Reserve, Cash Working Capital (CWC), Payroll & Payroll Taxes, Dues & Donations, PSC Assessment, Advertising, Materials & Supplies, Postage, Customer Deposit, Customer Advances and Prepayments	
WR-2009-0395	Noel Water Company - Plant in Service, Depreciation Expenses and Reserve	

Robin Kliethermes

Present Position:

I am a Regulatory Economist in the Economic Analysis Section, of the Regulatory Review 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.

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.

Previous Testimony of Robin Kliethermes

Case No.	Company	Type of Filing	Issue
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 ("GM	Staff Report O")	Economic Considerations & Large Power Annualizations
ER-2012-0345	Empire District Electric Co	. Staff Report	Economic Considerations & Non-Weather Sensitive
HR-2014-0066	Veolia Kansas City	Staff Report	Classes & Energy Efficiency Revenue by Class & Class Cost of Service

Amanda C. McMellen Utility Regulatory Auditor IV

EDUCATION

Bachelors of Science DeVry Institute of Technology, Kansas City, MO-June 1998

PROFESSIONAL EXPERIENCE

Missouri Public Service Commission
Utility Regulatory Auditor V
February 2013 – Present
Utility Regulatory Auditor IV
November 2006 – February 2013
Utility Regulatory Auditor III
June 2002 – November 2006
Utility Regulatory Auditor II
June 2000 – June 2002
Utility Regulatory Auditor I
June 1999 – June 2000

I am a Utility Regulatory Auditor for the Missouri Public Service Commission (Commission). I graduated from the DeVry Institute of Technology in June 1998 with a Bachelor of Science degree in Accounting. Before coming to work at the Commission, I worked as an accounts receivable clerk. I commenced employment with the Commission Staff in June 1999. As a Utility Regulatory Auditor, I am responsible for assisting in the audits and examinations of the books and records of utility companies operating within the state of Missouri.

SUMMARY OF RATE CASE TESTIMONY FILED

COMPANY	CASE NO.	ISSUES
Osage Water Company	SR-2000-556	Plant in Service Depreciation Reserve Depreciation Expense Operation & Maintenance Expense
Osage Water Company	WR-2000-557	Plant in Service Depreciation Reserve Depreciation Expense Operation & Maintenance Expense
Empire District Electric Company	ER-2001-299	Plant in Service Depreciation Reserve Depreciation Expense Cash Working Capital Other Working Capital Rate Case Expense PSC Assessment Advertising Dues, Donations & Contributions
UtiliCorp United, Inc./ d/b/a		•
Missouri Public Service	ER-2001-672	Insurance Injuries and Damages Property Taxes Lobbying Outside Services Maintenance SJLP Related Expenses
BPS Telephone Company	TC-2002-1076	Accounting Schedules Separation Factors Plant in Service Depreciation Reserve Revenues Payroll Payroll Related Benefits Other Expenses

SUMMARY OF RATE CASE TESTIMONY FILED

COMPANY Aquila, Inc. d/b/a	CASE NO.	ISSUES
Aquila Networks-MPS & Aquila Networks-L&P	ER-2004-0034	Revenue Annualizations Uncollectibles
Fidelity Telephone Company	IR-2004-0272	Revenue Revenue Related Expenses
Aquila, Inc. d/b/a Aquila Networks-MPS &		
Aquila Networks-L&P	ER-2005-0436	Revenue Annualizations Uncollectibles
Empire District Electric Company	ER-2006-0315	Payroll Payroll Taxes 401(k) Plan Health Care Costs Incentive Compensation Depreciation Expense Amortization Expense Customer Demand Program Deferred State Income Taxes Income Taxes
Aquila, Inc. d/b/a		
Aquila Networks-MPS & Aquila Networks-L&P	ER-2007-0004	Revenue Annualizations Uncollectibles Maintenance Expenses Turbine Overhaul Maintenance
Empire District Electric Company	ER-2008-0093	Revenues Bad Debts Employee Benefits Tree Trimming Storm Costs Customer Programs Amortizations Current Income Taxes Deferred Income taxes Jurisdictional Allocations Corporate Allocations

SUMMARY OF RATE CASE TESTIMONY FILED

COMPANY	CASE NO.	ISSUES
Missouri Gas Energy, a Division of Southern Union Company	GR-2009-0355	Staff Report Cost of Service Revenues-Customer Growth Corporate Allocations Other Rate Base Items Amortization Expense Interest expense on customer Deposits Rents and Leases
Missouri-American Water Company	WR-2010-0131	Staff Report Cost of Service Corporate and District Allocations Lobbying Costs Net Negative Salvage Amortization of Regulatory Assets Belleville Lab Expenses Comprehensive Planning Study Payroll Payroll Taxes
Kansas City Power & Light Company	ER-2010-0355	Staff Report Cost of Service Revenues-Customer Growth In-Field Service Fees Gross Receipts Taxes Forfeited Discounts Other Revenues Credit Card Acceptance Program Bad Debts
KCP&L Greater Missouri Operations Company	ER-2010-0356	Staff Report Cost of Service Revenues-Customer Growth Other Revenues Credit Card Acceptance Program Bad Debts
Empire District Electric Company	ER-2011-0004	Staff Report Cost of Service Plant in Service Depreciation Reserve Depreciation Expense Pensions & OPEBs Customer Programs Amortizations Carrying Costs Revenue Annualizations

SUMMARY OF RATE CASE TESTIMONY FILED

Empire District Electric Company

ER-2012-0345

Staff Report Cost of Service

Plant in Service Depreciation Reserve Depreciation Expense

Prepayments

Materials and Supplies Customer Demand Programs Amortization of Electric Plant

Customer Deposits Customer Advances Carrying Costs Customer Programs

Customer Deposit Interest Expense

Franchise Taxes Amortizations Banking Fees Lease Expense Pay Station Fees Amortizations

DAVID MURRAY

Educational and Employment Background and Credentials

I am currently the Utility Regulatory Manager of the Financial Analysis Unit for the Missouri Public Service Commission (Commission). I accepted the position of a Public Utility Financial Analyst in June 2000 and my position was reclassified in August 2003 to an Auditor III. I was promoted to the position of Auditor IV, effective July 1, 2006. I was employed by the Missouri Department of Insurance in a regulatory position before I began my employment at the Missouri Public Service Commission.

I was authorized in October 2010 to use the Chartered Financial Analyst (CFA) designation. The use of the CFA designation requires the passage of three rigorous examinations addressing many investment related areas such as valuation analysis, portfolio management, statistical analysis, economic analysis, financial statement analysis and ethical standards. In addition to the passage of the examinations a CFA charterholder must have four years of relevant professional work experience.

In May 1995, I earned a Bachelor of Science degree in Business Administration with an emphasis in Finance and Banking, and Real Estate from the University of Missouri-Columbia. I earned a Masters in Business Administration from Lincoln University in December 2003.

I have been awarded the professional designation Certified Rate of Return Analyst (CRRA) by the Society of Utility and Regulatory Financial Analysts (SURFA). This designation is awarded based upon experience and successful completion of a written examination, which I completed during my attendance at a SURFA conference in April 2007. I also serve as a board member on the SURFA Board of Directors.

Date Filed	Gase Number	Company Name A	Testimony Type	Issue(s)
11/13/2012	ER-2012-0175	KCP&L Greater Missouri Operations Company	True-up Rebuttal	Rate of Return Capital Structure
11/13/2012	ER-2012-0174	Kansas City Power & Light Company	True-up Rebuttal	Rate of Return Capital Structure
10/10/2012	ER-2012-0175	KCP&L Greater Missouri Operations Company	Surrebuttal	Rate of Return Capital Structure
10/8/2012	ER-2012-0174	Kansas City Power & Light Company	Surrebuttal	Rate of Return Capital Structure
9/12/2012	ER-2012-0175	KCP&L Greater Missouri Operations Company	Rebuttal	Rate of Return Capital Structure
9/7/2012	ER-2012-0166	Union Electric Company d/b/a Ameren Missouri	Surrebuttal	Rate of Return Capital Structure
9/5/2012	ER-2012-0174	Kansas City Power & Light Company	Rebuttal	Rate of Return Capital Structure
8/14/2012	ER-2012-0166	Union Electric Company d/b/a Ameren Missouri	Rebuttal	Rate of Return Capital Structure
8/9/2012	ER-2012-0175	KCP&L Greater Missouri Operations Company	Cost of Service Report	Rate of Return Capital Structure
8/2/2012	ER-2012-0174	Kansas City Power & Light Company	Cost of Service Report	Rate of Return Capital Structure
7/6/2012	ER-2012-0166	Union Electric Company d/b/a Ameren Missouri	Cost of Service Report	Rate of Return Capital Structure
04/15/2011	ER-2011-0028	Union Electric Company d/b/a Ameren Missouri	Surrebuttal	Rate of Return Capital Structure
03/25/2011	ER-2011-0028	Union Electric Company d/b/a Ameren Missouri	Rebuttal	Rate of Return Capital Structure
02/28/2011		KCP&L Greater Missouri Operations Company	True-up Rebuttal	Rate of Return Capital Structure
02/28/2011		Kansas City Power & Light Company	True-up Rebuttal	Rate of Return Capital Structure
02/22/2011	ER-2010-0356	KCP&L Greater Missouri Operations Company	True-up Direct	Rate of Return Capital Structure
02/22/2011	ER-2010-0355	Kansas City Power & Light Company	True-up Direct	Rate of Return Capital Structure

Date Filed	Case Number	Company/Name	Testimony Type	Issue(s)
02/08/2011	ER-2011-0028	Union Electric Company d/b/a Ameren Missouri	Cost of Service Report	Rate of Return Capital Structure
1/12/2011	ER-2010-0356	KCP&L Greater Missouri Operations Company	Surrebuttal	Rate of Return Capital Structure
1/05/2011	ER-2010-0355	Kansas City Power & Light Company	Surrebuttal	Rate of Return Capital Structure
12/15/2010	ER-2010-0356	KCP&L Greater Missouri Operations Company	Rebuttal	Rate of Return Capital Structure
12/08/2010	ER-2010-0355	Kansas City Power & Light Company	Rebuttal	Rate of Return Capital Structure
11/17/2010	ER-2010-0356	KCP&L Greater Missouri Operations Company	Cost of Service Report	Rate of Return Capital Structure
11/10/2010	ER-2010-0355	Kansas City Power & Light Company	Cost of Service Report	Rate of Return Capital Structure
05/06/2010	WR-2010-0131	Missouri-American Water Company	Surrebuttal	Rate of Return Capital Structure
04/15/2010	WR-2010-0131	Missouri-American Water Company	Rebuttal	Rate of Return Capital Structure
03/09/2010	WR-2010-0131	Missouri-American Water Company	Cost of Service Report	Rate of Return Capital Structure
03/05/2010	ER-2010-0036	Union Electric Company d/b/a AmerenUE	Surrebuttal	Rate of Return Capital Structure
02/11/2010	ER-2010-0036	Union Electric Company d/b/a AmerenUE	Rebuttal	Rate of Return Capital Structure
12/18/2009	ER-2010-0036	Union Electric Company d/b/a AmerenUE	Cost of Service Report	Rate of Return Capital Structure
10/14/2009	GR-2009-0355	Missouri Gas Energy	Surrebuttal	Rate of Return Capital Structure
09/28/2009	GR-2009-0355	Missouri Gas Energy	Rebuttal	Rate of Return Capital Structure
08/21/2009	GR-2009-0355	Missouri Gas Energy	Cost of Service Report	Rate of Return Capital Structure

Date Filed	Case Number	Company.Name	Testimony Type:	Issue(s)
04/09/2009	HR-2009-0092	KCP&L Greater Missouri Operations Company	Surrebuttal	Rate of Return Capital Structure
04/09/2009	ER-2009-0090	KCP&L Greater Missouri Operations Company		Rate of Return Capital Structure
	ER-2009-0089	Kansas City Power & Light Company	Surrebuttal	Rate of Return Capital Structure
	HR-2009-0092	KCP&L Greater Missouri Operations Company	Rebuttal	Rate of Return Capital Structure
03/13/2009	ER-2009-0090	KCP&L Greater Missouri Operations Company	Rebuttal	Rate of Return Capital Structure
03/11/2009	ER-2009-0089	Kansas City Power & Light Company	Rebuttal	Rate of Return Capital Structure
02/13/2009	HR-2009-0092	KCP&L Greater Missouri Operations Company	Cost of Service Report	Rate of Return Capital Structure
02/13/2009	ER-2009-0090	KCP&L Greater Missouri Operations Company	Cost of Service Report	Rate of Return Capital Structure
02/11/2009	ER-2009-0089	Kansas City Power & Light Company	Cost of Service Report	Rate of Return Capital Structure
08/01/2008	HR-2008-0300	Trigen-Kansas City Energy Corporation	Cost of Service Report	Rate of Return Capital Structure
01/18/2008	GR-2008-0060	Missouri Gas Utility, Inc.	Cost of Service Report	Rate of Return Capital Structure
07/31/2007	WR-2007-0216	Missouri-American Water Company	Surrebuttal	Rate of Return Capital Structure
07/13/2007	WR-2007-0216	Missouri-American Water Company	Rebuttal	Rate of Return Capital Structure
06/05/2007	WR-2007-0216	Missouri-American Water Company	Direct	Rate of Return Capital Structure
12/27/2006	GR-2006-0422	Missouri Gas Energy	True-up Direct	Rate of Return Capital Structure
12/11/2006	GR-2006-0422	Missouri Gas Energy	Surrebuttal	Rate of Return Capital Structure
11/21/2006	GR-2006-0422	Missouri Gas Energy	Rebuttal	Rate of Return Capital Structure

Date Filed	Case Number	Company Name	Testimony Type	
10/13/2006	GR-2006-0422	Missouri Gas Energy	Direct	Rate of Return Capital Structure
08/18/2006	ER-2006-0315	Empire District Electric Co.	Surrebuttal	Rate of Return Capital Structure
07/28/2006	·	Empire District Electric Co.	Rebuttal	Rate of Return Capital Structure
06/23/2006	ER-2006-0315	Empire District Electric Co.	Direct	Rate of Return Capital Structure
12/13/2005		Aquila, Inc. dba Aquila Networks-MPS and Aquila Networks-L&P	Surrebuttal	Rate of Return Capital Structure
11/18/2005		Aquila, Inc. dba Aquila Networks-MPS and Aquila Networks-L&P	Rebuttal	Rate of Return Capital Structure
10/14/2005		Aquila, Inc. dba Aquila Networks-MPS and Aquila Networks-L&P	Direct	Rate of Return Capital Structure
11/24/2004	ER-2004-0570	Empire District Electric Co.	Surrebuttal	Rate of Return Capital Structure
11/04/2004	ER-2004-0570	Empire District Electric Co.	Rebuttal	Rate of Return Capital Structure
09/20/2004	ER-2004-0570	Empire District Electric Co.	Direct	Rate of Return
07/19/2004	GR-2004-0209	Missouri Gas Energy	True-Up Direct	Rate of Return Capital Structure
06/14/2004	GR-2004-0209	Missouri Gas Energy	Surrebuttal	Rate of Return Capital Structure
05/24/2004	GR-2004-0209	Missouri Gas Energy	Rebuttal	Rate of Return Capital Structure
04/15/2004	GR-2004-0209	Missouri Gas Energy	Direct	Rate of Return Capital Structure
03/11/2004	IR-2004-0272	Fidelity Telephone Company	Direct	Rate of Return Capital Structure
02/13/2004		Aquila, Inc. dba Aquila Networks-MPS and Aquila Networks-L&P	Rebuttal	Rate of Return Capital Structure
02/13/2004		Aquila, Inc. dba Aquila Networks-MPS and Aquila Networks-L&P	Surrebuttal	Rate of Return Capital Structure

Date Filed	Gase Number	Company Name	Testimony Type	Issue(s)
02/13/2004	HR-2004-0024	Aquila, Inc. dba Aquila Networks-MPS and Aquila Networks-L&P	Surrebuttal	Rate of Return Capital Structure
01/26/2004	HR-2004-0024	Aquila, Inc. dba Aquila Networks-MPS and Aquila Networks L&P	Rebuttal	Rate of Return Capital Structure
01/26/2004	ER-2004-0034	Aquila, Inc. dba Aquila Networks-MPS and Aquila Networks L&P	Rebuttal	Rate of Return Capital Structure
01/09/2004	WT-2003-0563	Osage Water Company	Rebuttal	Rate of Return Capital Structure
01/09/2004	ST-2003-0562	Osage Water Company	Rebuttal	Rate of Return Capital Structure
01/06/2004	GR-2004-0072	Aquila, Inc.	Direct	Rate of Return Capital Structure
12/19/2003	ST-2003-0562	Osage Water Company	Direct	Rate of Return Capital Structure
12/19/2003	WT-2003-0563	Osage Water Company	Direct	Rate of Return Capital Structure
12/09/2003	ER-2004-0034	Aquila, Inc.	Direct	Rate of Return Capital Structure
12/09/2003	HR-2004-0024	Aquila, Inc.	Direct	Rate of Return Capital Structure
12/05/2003	WC-2004-0168	Missouri-American Water Co	Surrebuttal	Rate of Return Capital Structure
12/05/2003	WR-2003-0500	Missouri-American Water Co	Surrebuttal	Rate of Return Capital Structure
11/10/2003	WR-2003-0500	Missouri-American Water Company	Rebuttal	Rate of Return Capital Structure
11/10/2003	WC-2004-0168	Missouri-American Water Company	Rebuttal	Rate of Return Capital Structure
10/03/2003	WC-2004-0168	Missouri-American Water Company	Direct	Rate of Return Capital Structure
10/03/2003	WR-2003-0500	Missouri-American Water Company	Direct	Rate of Return Capital Structure
03/17/2003	GM-2003-0238	Southern Union Co. dba Missouri Gas Energy	Rebuttal	Insulation
10/16/2002	ER-2002-424	The Empire District Electric Company	Surrebuttal	Rate of Return Capital Structure

Date Filed	Case Number	Company Name	Testimony Type	Issue(s)
09/24/2002	ER-2002-424	The Empire District Electric Company	Rebuttal	Rate of Return Capital Structure
08/16/2002	ER-2002-424	The Empire District Electric Company	Direct	Rate of Return Capital Structure
08/06/2002	TC-2002-1076	BPS Telephone Company	Direct	Rate of Return Capital Structure
01/22/2002	ER-2001-672	UtiliCorp United Inc. dba Missouri Public Service	Surrebuttal	Rate of Return Capital Structure
01/22/2002	EC-2002-265	UtiliCorp United Inc. dba Missouri Public Service	Surrebuttal	Rate of Return Capital Structure
01/08/2002	ER-2001-672	UtiliCorp United Inc. dba Missouri Public Service	Rebuttal	Rate of Return Capital Structure
01/08/2002	EC-2002-265	UtiliCorp United Inc. dba Missouri Public Service	Rebuttal	Rate of Return Capital Structure
12/06/2001	ER-2001-672	UtiliCorp United Inc. dba Direct Missouri Public Service		Rate of Return Capital Structure
12/06/2001	EC-2002-265	ItiliCorp United Inc. dba Direct Missouri Public Service		Rate of Return Capital Structure
05/22/2001	GR-2001-292			Rate of Return Capital Structure
04/19/2001	GR-2001-292			Rate of Return Capital Structure
03/01/2001	TT-2001-328	Oregon Farmers Mutual Telephone Company	Rebuttal	Rate of Return Capital Structure
02/28/2001	TR-2001-344			Rate of Return Capital Structure
01/31/2001	TC-2001-402	Ozark Telephone Company	Direct	Rate of Return Capital Structure

Phil Lock

Present Position

I am a Regulatory Auditor III with the Procurement Analysis Unit of the Utility Services Department of the Missouri Public Service Commission (Commission). From 1987-1993, I conducted rate case audits under the direction of the Chief Accountant of the Commission's Accounting Department. From 1993 to the present, I have, under the direction of the Manager of Procurement Analysis, conducted audits and examinations of the books and records of gas utility companies operating within the state of Missouri.

Educational Background and Work Experience

I attended Central Missouri State University at Warrensburg, Missouri, and received a Bachelor of Science degree in Business Administration, with a major in Finance in May 1980 and a major in Accounting in December 1986. Since November 1996, I have been accredited as a Certified Government Financial Manager. Prior to employment with the Commission, I was employed as a Tax Auditor with the Missouri Highway Reciprocity Commission. I also held a position as a Research Analyst with the Division of Family Services.

Summary of Testimony

Company Name	Case Number	lssues
Grand River Mutual Telephone	TR-87-25	Cash Working Capital
Kansas Power and Light	GR-89-48	Lost & Unaccounted for gas
St. Joe Light and Power	GR-90-84	PGA costs
Associated Natural Gas	GR-90-152	Revenues, Gas Costs, Bad Debts
United Cities Gas Company	GR-92-21	Take-or-Pay Refunds
Laclede Gas Company	GR-92-165	Weather Normalization, Customer Annualization, Unbilled Revenue, Postage & Card Stock Expense, Uncollectible Accounts, E&D Expense, Gas Expense
United Cities Gas Company	GR-93-47	Revenues, Gas Costs, Uncollectible Expense, Postage Expense, Customer Bypass
Laclede Gas Company	GR-93-149	Transportation within Contract Demand
Laclede Gas Company	GR-94-328	Capacity Reservation Charges
Missouri Public Service	GR-95-273	Capacity Release
Missouri Public Service	GA-97-132	Establish Optimal Gas Cost and Transportation Level
Missouri Public Service	GR-99-435	Put and Call Transactions
Greeley Gas Company	GR-2001-394	Purchasing Practices
Atmos Energy	GR-2001-396	Agency Fees, Overrun gas, Storage, purchasing practices
Aquila Networks D/B/A Missouri Public Service	GR-2001-461	Purchasing Practices, Deferred Carrying Cost Balance, Puts/Calls

Gateway pipeline Company	GM-2001-585	PGA Costs
Aquila Networks D/B/A Missouri Public Service & L&P	GR-2004-0072	Gas Storage Inventory
Atmos Energy	GR-2006-0387	Gas Storage Inventory, Uncollectible Expense in PGA and Gas cost tariff change
Empire District Gas	GR-2009-0434	Staff Report (Direct) Gas Storage Inventory

John A. Robinett

I am employed as a Utility Engineering Specialist III for the Missouri Public Service Commission (Commission). I began employment with the Commission in April of 2010. In May of 2008, I graduated from the University of Missouri-Rolla (now Missouri University of Science and Technology) with a Bachelor of Science degree in Mechanical Engineering.

During my time as an undergraduate, I was employed as an engineering intern for the Missouri Department of Transportation (MoDOT) in their Central Laboratory located in Jefferson City, Missouri for three consecutive summers. During my time with MoDOT, I performed various qualification tests on materials for the Soil, Aggregate, and General Materials sections. A list of duties and tests performed are below:

- Compressive strength testing of 4" and 6" concrete cylinders and fracture analysis
- Graduations of soil, aggregate, and reflective glass beads
- Sample preparations of soil, aggregate, concrete, and steel
- Flat and elongated testing of aggregate
- · Micro-deval and LA testing of aggregate
- · Bend testing of welded wire and rebar
- Tensile testing of welded, braided cable, and rebar
- Hardness testing of fasteners (plain black and galvanized washers, nuts, and bolts)
- Proof loading and tensile testing of bolts
- Sample collection from active road constructions sites
- Set up and performed the initial testing on a new piece of equipment called a Linear Traverse / Image Analysis
- Wrote operators manual for the Linear Traverse / Image Analysis Machine
- Trained a fulltime employee on how to operate the machine prior to my return to school
- Assisted in batching concrete mixes for testing, mixing the concrete, slump cone testing, percent air testing, and specimen molding of cylinders and beams

Upon graduation, I accepted a position as an Engineer I in the Product Evaluation Group for Hughes Christensen Company, a division of Baker Hughes, Inc. (Baker), an oil field service company. During my employment with Baker, I performed failure analysis on oil field drill bits as well as composed findings reports which were forwarded to the field engineers in order for them to report to the company the conclusions of the failure causes.

JOHN A. ROBINETT SUMMARY OF CASE PARTICIPATION

Listed below are the cases in which I have supplied depreciation rates accompanied by a signed affidavit.

Company	Case Number	Issue
P.C.B., Inc.	SR-2014-0068	Depreciation Review
M.P.B., Inc.	SR-2014-0067	Depreciation Review
Roy-L Utilities, Inc. (Sewer)	SR-2013-0544	Depreciation Review
Roy-L Utilities, Inc. (Water)	WR-2013-0543	Depreciation Review
Missouri Gas Energy Division of Laclede Gas Company	GR-2014-0007	Depreciation Study, Direct and Rebuttal Testimony
Central Rivers Wastewater Utility, Inc	SA-2014-00005	Depreciation Rate Adoption
Empire District Electric Company	ER-2012-0345	Depreciation Study, Direct, Rebuttal, and Surrebuttal Testimony
Empire District Electric Company	WR-2012-0300	Depreciation Review
Laclede Gas Company	GO-2012-0363	Depreciation Authority Order Rebuttal, Surrebuttal and Live Testimony
Moore Bend Water Company, Inc. sale to Moore Bend Water Utility, LLC (Water)	WM-2012-0335	Depreciation Rate Adoption
Oakbrier Water Company, Inc.	WR-2012-0267	Depreciation Review Case
Lakeland Heights Water Co., Inc.	WR-2012-0266	Depreciation Review Case
R.D. Sewer Co., L.L.C.	SR-2012-0263	Depreciation Review Case
Canyon Treatment Facility, LLC	SA-2010-0219	Depreciation Rate Adoption- CCN
Taney County Water, LLC	WR-2012-0163	Depreciation Review
Sale of Saddlebrooke Water and Sewer Infrastructure, LLC to Missouri American Water Company (Sewer)	SA-2012-0067	Rebuttal Testimony
Sale of Saddlebrooke Water and Sewer Infrastructure, LLC to Missouri American Water Company (Water)	WA-2012-0066	Rebuttal Testimony
Midland Water Company, Inc.	WR-2012-0031	Depreciation Review
Sale of KMB Utility Corporation to Algonquin Water Resources of Missouri, LLC, d/b/a Liberty Water (Sewer)	SO-2011-0351	Depreciation Rate Adoption
Sale of KMB Utility Corporation to Algonquin Water Resources of Missouri, LLC, d/b/a Liberty Water (Water)	WO-2011-0350	Depreciation Rate Adoption

JOHN A. ROBINETT SUMMARY OF CASE PARTICIPATION

Company	Case Number	Since and the second se
Sale of Noel Water Company, Inc. to Algonquin Water Resources of Missouri, LLC, d/b/a Liberty Water (Water)	WO-2011-0328	Depreciation Rate Adoption
Sale of Taney County Utilities Corporation to Taney County Water, LLC (Water)	WM-2011-0143	Depreciation Rate Adoption
Empire District Electric Company	ER-2011-0004	Depreciation Study, Direct, Rebuttal, and Surrebuttal Testimony
Rex Deffenderfer Enterprises, Inc.	WR-2011-0056	Depreciation Review
Tri-States Utility, Inc	WR-2011-0037	Depreciation Review
Southern Missouri Gas Company, L.P.	GE-2011-0096	Depreciation Study Waiver
Southern Missouri Gas Company, L.P.	GR-2010-0347	Depreciation Review
KMB Utility Corporation (Sewer)	SR-2010-0346	Depreciation Review
KMB Utility Corporation (Water)	WR-2010-0345	Depreciation Review
Middlefork Water Company	WR-2010-0309	Depreciation Review

Ashley Sarver Utility Regulatory Auditor

Present Position:

I am a Utility Regulatory Auditor in the Auditing Unit, of the Utility Services

Department of the Missouri Public Service Commission. I have been employed by the Missouri

Public Service Commission since July 2013.

Education Background and Work Experience:

I received a Bachelor of Science degree in Accounting from Missouri State University, in Springfield, MO in July 2009. In earning this degree I completed numerous core Accounting and business classes. Prior to joining the Commission, I was employed by the State of Missouri - Department of Corrections from 2009 to 2013 as an Auditor. My duties entailed compiling and reviewing auditing materials from the institutions. After the audit, I would make recommendations according to policy and procedures, internal control and other changes to improve the functions of the institution to the Warden, Deputy Division Director, Inspector General and Deputy Director verbally and in writing.

Case Participation:

Company Name	Case Number(s)	Testimony/Issues
Lake Region Water and Sewer	WR-2013-0461 SR-2013-0459	Rate Base: Plant in Service, Depreciation Reserve, Materials and Supplies Inventory, Customer Advances, Contributions in Aid of Construction Expense: Purchase Power, Chemicals, Testing Expense, Supplies and Materials, Tools and Shop Supplies, Insurance, Office Supplies, Telephone, License and Permits, Property Tax

Credentials and Background of

Seoung Joun Won

I am currently employed as a Regulatory Economist III in the Energy Economic Analysis Section, Utility Operation Department, Regulatory Review 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 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 Enterprise Resource Planning Consultant, Financial Risk Management, Derivatives Consultant, and Financial Planner.

Prior to joining the Commission, I taught both undergraduate and graduate level mathematics in 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.

My duties in the Commission include managing weather data, calculating normal weather, and analyzing revenues and rate designs.

List of Previous Testimony Filed

Seoung Joun Won

Case/File Number	Company	Issue
ER-2010-0355	Kansas City Power & Light Co.	Normal Weather Revenue
ER-2010-0356	KCP&L Greater Missouri Operations Co.	Normal Weather
GR-2010-0363	Union Electric Co. d/b/a Ameren Missouri	Normal Weather
ER-2011-0028	Union Electric Co. d/b/a Ameren Missouri	Normal Weather Revenue
ER-2011-0004	Empire District Electric Co.	Normal Weather Revenue
HR-2011-0028	Veolia Energy Kansas City, Inc	Normal Weather
ER-2012-0166	Union Electric Co. d/b/a Ameren Missouri	Normal Weather
ER-2012-0174	Kansas City Power & Light Co	Normal Weather Revenue
ER-2012-0175	KCP&L Greater Missouri Operations Co.	Normal Weather
ER-2012-0345	Empire District Electric Co.	Normal Weather
GR-2013-0171	Laclede Gas Co.	Normal Weather
GR-2014-0007	Missouri Gas Energy	Normal Weather