

*Exhibit No.:*  
*Issue(s):* *Report on Revenue  
Requirement Cost of Service,  
Overview of the Staff's Filing*  
*Witness:* *Kimberly K. Bolin*  
*Sponsoring Party:* *MoPSC Staff*  
*Type of Exhibit:* *Direct Testimony*  
*Case No.:* *ER-2019-0374*  
*Date Testimony Prepared:* *January 15, 2020*

**MISSOURI PUBLIC SERVICE COMMISSION**

**FINANCIAL AND BUSINESS ANALYSIS DIVISION**

**AUDITING DEPARTMENT**

**DIRECT TESTIMONY**

**OF**

**KIMBERLY K. BOLIN**

**THE EMPIRE DISTRICT ELECTRIC COMPANY**

**CASE NO. ER-2019-0374**

*Jefferson City, Missouri  
January 2020*

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DIRECT TESTIMONY OF  
KIMBERLY K. BOLIN  
THE EMPIRE DISTRICT ELECTRIC COMPANY  
CASE NO. ER-2019-0374**

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1 Q. What knowledge, skills, experience, training and education do you have in the  
2 areas of which you are testifying as an expert witness?

3 A. I have received continuous training at in-house and outside seminars on  
4 technical ratemaking matters both when employed by OPC and since I began my employment  
5 at the Commission. I have been employed by this Commission or by OPC as a Regulatory  
6 Auditor for over 25 years, and have submitted testimony on ratemaking matters numerous times  
7 before the Commission. I have also been responsible for the supervision of other Commission  
8 employees in rate cases and other regulatory proceedings.

9 **EXECUTIVE SUMMARY**

10 Q. Please summarize your direct testimony in this proceeding.

11 A. I am sponsoring the Staff's Revenue Requirement Cost of Service Report  
12 ("Report") and Staff's Direct Accounting Schedules in this proceeding that are being filed  
13 concurrently with this direct testimony. I also provide in this direct testimony an overview of  
14 the Staff's revenue requirement determination. Staff has conducted a review of all the  
15 components (capital structure, return on rate base, rate base, operating revenues and operating  
16 expenses) that determine The Empire District Electric Company's ("Empire") revenue  
17 requirement. My testimony provides an overview of Staff's work in each area.

18 **REVENUE REQUIREMENT COST OF SERVICE REPORT**

19 Q. Please explain the organizational format of the Staff's Revenue Requirement  
20 Cost of Service Report.

21 A. The Staff's Report has been organized by topic as follows:

- 1 I. Executive Summary
- 2 II. Background
- 3 III. Test Year/True-Up Period
- 4 IV. Rate of Return (Capital Structure, Cost of Debt, Cost of Equity)
- 5 V. Rate Base
- 6 VI. Allocations
- 7 VII. Income Statement
- 8 VIII. Income Taxes
- 9 IX. Renewable Energy
- 10 X. Depreciation
- 11 XI. Fuel Adjustment Clause ("FAC")
- 12 XII. Customer Service
- 13 XII. Isolated Adjustment – Retirement of Asbury

14 The Rate Base and Income Statement sections have numerous subsections which  
15 explain each specific area and/or adjustments made by Staff to the test year ending March 31,  
16 2019. The individual Staff member responsible for each area of Staff's direct case and/or  
17 adjustment is identified in the Report following the written discussion he or she authored, and  
18 is the expert/witness with respect to that section of the Staff's Report. The Staff may have a  
19 different or additional expert/witness for rebuttal or surrebuttal testimony in a given area if this  
20 case proceeds to evidentiary hearings.

21 **OVERVIEW OF STAFF'S RECOMMENDED REVENUE REQUIREMENT**

22 Q. How does one determine the revenue requirement for a regulated utility?

23 A. The first step is to calculate the utility's cost of service.

24 Q. In its audit of Empire for Case No. ER-2019-0374, has Staff examined all of the  
25 components comprising the cost of service for Empire's electric operations in Missouri?

26 A. Yes.

1 Q. What are the cost-of-service components that comprise the cost of service for a  
2 regulated, investor-owned public utility?

3 A. The cost of service for a regulated, investor-owned public utility can be defined  
4 by the following formula:

$$5 \quad \text{Cost of Service} = \text{Cost of Providing Utility Service}$$

6 or

$$7 \quad \text{COS} = \text{O} + (\text{V} - \text{D})\text{R} \quad \text{where,}$$

$$8 \quad \text{COS} = \text{Cost of Service}$$

9 O = Operating Costs (Fuel, Payroll, Maintenance, etc.),  
10 Depreciation and Taxes

11 V = Gross Valuation of Property Required for Providing Service  
12 (including plant and additions or subtractions of other rate base  
13 items)

14 D = Accumulated Depreciation Representing Recovery of  
15 Gross Depreciable Plant Investment

16 V - D = Rate Base (Gross Property Investment less Accumulated  
17 Depreciation = Net Property Investment)

18 (V - D)R = Return Allowed on Rate Base

19 In the past, the terms “cost of service” and “revenue requirement” have sometimes been  
20 used interchangeably. However, in this rate case, Staff will use the term “revenue requirement”  
21 to only refer to the utility’s necessary incremental change in revenues based on measurement  
22 of the utility’s current total cost of service compared to its current revenue levels under  
23 existing rates.

24 Q. What is the objective of an audit of a regulated, investor-owned public utility for  
25 ratemaking purposes?

1           A.     The objective of an audit is to determine the appropriate level of the components  
2 identified in my previous answer in order to calculate the revenue requirement for such a  
3 regulated utility. All relevant factors are examined and a proper relationship of revenues,  
4 expenses, and rate base is maintained. The process for making that revenue requirement  
5 determination can be summarized as follows:

6                   (1)     Selection of a test year. The test year income statement represents the  
7 starting point for determining a utility's existing annual revenues, operating costs and  
8 net operating income. Net operating income represents the return on investment based upon  
9 existing rates. The test year approved by this Commission for Case No. ER-2019-0374, is  
10 the twelve months ending March 31, 2019. "Annualization," "normalization" and  
11 "disallowance" adjustments are made to the test year results when the unadjusted amounts  
12 do not fairly represent the utility's most current, ongoing and appropriate annual level of  
13 revenues and operating costs. Annualization, normalization and disallowance adjustments are  
14 explained in more detail later in this direct testimony. Also, as discussed below, additional  
15 information through January 31, 2020, will be considered for inclusion in the cost of service  
16 during the true-up audit.

17                   (2)     Selection of a "test year update period." A proper determination of  
18 revenue requirement is dependent upon matching the rate base, return on investment, revenues,  
19 and operating costs components at the same point in time. This ratemaking principle is  
20 commonly referred to as the "matching" principle. It is a standard practice in ratemaking in  
21 Missouri to utilize a period beyond the established test year in which to match the major  
22 components of a utility's revenue requirement. By updating test year financial results to reflect  
23 information beyond the established test year, rates can be set based upon more current

1 information. Due to the length of time between the end of the test year, March 31, 2019, and  
2 the true-up cutoff, January 31, 2020, Staff recommended and the parties agreed that an update  
3 of September 30, 2019 would be established in this case.

4 (3) Selection of a “true-up date” or “true-up period.” A true-up date  
5 generally is established when a significant change in a utility’s cost of service occurs after the  
6 end of the test year update period, but prior to the operation-of-law date, and the significant  
7 change in cost of service is one the parties and/or Commission has decided should be considered  
8 for cost-of-service recognition in the current case. The parties have agreed with a true-up cut-  
9 off date of January 31, 2020. Staff recommends in this case that isolated adjustments be made  
10 for certain known and measurable cost of service impacts associated with the retirement of the  
11 Asbury generating plant which is scheduled for March 1, 2020.

12 (4) Determination of Rate of Return. A cost-of-capital analysis must be  
13 performed to allow Empire the opportunity to earn a fair rate of return on its net investment  
14 (“rate base”) used in the provision of utility service. Staff witness Peter Chari, of the  
15 Commission’s Financial Analysis Department, has performed a cost-of-capital analysis and is  
16 sponsoring a section of the Staff’s Revenue Requirement Cost of Service Report to explain and  
17 provide the results of his analysis.

18 (5) Determination of Rate Base. Rate base represents the utility’s  
19 net investment used in providing utility service, on which the utility is permitted the opportunity  
20 to earn a return. For its direct filing, Staff has determined Empire’s rate base as of  
21 September 30, 2019, consistent with the end of the test year update period established for this  
22 case. Other rate base components reflect the last known balance as of September 30, 2019,  
23 which will also be replaced with updated amounts following the true-up. Rate base includes



1 plant-in-service (plant fully operational and used for service), cash working capital, materials  
2 and supplies, prepayments, fuel inventories, accumulated reserve for depreciation, accumulated  
3 deferred income tax, etc.

4 (6) Net Operating Income from Existing Rates. The starting point  
5 for determining net income from existing rates is the unadjusted operating revenues, expenses,  
6 depreciation, and taxes for the test year which is the twelve-month period ending March 31  
7 2019, for this case. All of the utility's specific revenue and expense categories are examined to  
8 determine whether the unadjusted test year results require adjustments in order to fairly  
9 represent the utility's most current level of operating revenues and expenses.  
10 Numerous changes occur during the course of any year that will impact a utility's annual level  
11 of operating revenues and expenses. The March 31, 2019, test year has been adjusted to reflect  
12 the Staff's determination of the appropriate ongoing levels of revenues and expenses. These  
13 items will be re-examined based on actual data as part of the true-up process through  
14 January 31, 2020.

15 (7) Determination of Net Operating Income Required. The net income  
16 required for Empire is calculated by multiplying the Staff's recommended rate of return by the  
17 rate base. Net income required is then compared to net income available from existing rates  
18 discussed in Item 6 above. The difference, when factored-up for income taxes, represents the  
19 incremental change in the utility's rate revenues required to cover its operating costs and to  
20 provide a fair return on investment used in providing electric service.

21 If a utility's current rates are insufficient to cover its operating costs and provide a fair  
22 return on investment, the comparison of net operating income required (Rate Base x  
23 Recommended Rate of Return) to net income available from existing rates (Operating Revenue

1 less Operating Costs, Depreciation and Income Taxes) will result in a positive amount which  
2 would indicate that the utility requires a rate increase. If the comparison results in a negative  
3 amount, this indicates that the utility's current rates may be excessive.

4 Q. Please identify the types of adjustments which are made to unadjusted test year  
5 results in order to reflect a utility's current annual level of operating revenues and expenses.

6 A. The types of adjustments made to reflect a utility's current annual operating  
7 revenues and expenses are:

8 (1) Normalization adjustments. Utility rates are intended to reflect normal  
9 ongoing operations. A normalization adjustment is required when the test year reflects the  
10 impact of an abnormal event. One example of this type of adjustment that is made in all electric  
11 rate cases is the Staff's revenue adjustments to normalize weather. Actual weather conditions  
12 during the test year are compared to 30-year "normal" values. The weather normalization  
13 adjustment restates the test year sales volumes and revenue levels to reflect normal weather  
14 conditions.

15 (2) Annualization adjustments. Annualization adjustments are required  
16 when changes have occurred during the test year, update and/or true-up period, which are not  
17 fully reflected in the unadjusted test year results. For example, Empire's employees received a  
18 wage increase in February 2019. As a result, only one month of the twelve months ending  
19 March 31, 2019, reflects the impact of this payroll increase. An adjustment was made to  
20 capture the financial impact of the payroll increase for the portion of the test year prior to the  
21 wage increase.

22 (3) Disallowance adjustments. Disallowance adjustments are made to  
23 eliminate costs in the test year results that are not considered prudent, reasonable, appropriate,

1 and/or not of benefit to Missouri ratepayers and thus not appropriate for recovery from  
2 ratepayers. An example in this case is certain executive incentive compensation costs. In the  
3 Staff's view, these costs are incurred to primarily benefit shareholder interests and it is not  
4 appropriate policy to pass these costs on to customers in rates, since these costs do not benefit  
5 ratepayers. Therefore, these costs should be eliminated from the cost of service borne by  
6 ratepayers and the Staff has proposed to disallow these costs from recovery in rates.

7 (4) Pro forma adjustments. Pro forma adjustments reflect the impact of items  
8 and events that occur subsequent to the test year. These items or events significantly impact the  
9 revenue, expense and rate base relationship and should be recognized to address the forward-  
10 looking objective of the test year. Caution must be exercised when including pro forma  
11 adjustments in a recommended cost of service to ensure that all items and events subsequent to  
12 the test year are also examined and any appropriate offsetting adjustments are included as well.  
13 In addition, some post-test year items and events may not have occurred yet and/or may not be  
14 capable of adequate quantification at the time of the case filing. As a result, quantification of  
15 pro forma adjustments may be more difficult than the quantification of other adjustments. As a  
16 consequence, use of a true-up audit that considers a full range of auditable items and events that  
17 occur subsequent to the test year, and also attempts to address the maintenance of the proper  
18 relationship among revenues, expenses and investment at a consistent point in time is generally  
19 a superior approach than considering stand-alone pro forma adjustments for inclusion in the cost  
20 of service.

21 Q. What rate increase amount, based on what return on equity ("ROE") percentage,  
22 did the Company request from the Commission in this case?

1 A. Empire requested that its annual revenues be increased by approximately  
2 \$26,516,638, based on an ROE of 9.95%.

3 Q. Please describe Staff's direct case revenue requirement filing in this proceeding.

4 A. The results of Staff's audit of Empire's rate case request can be found in the  
5 Staff's filed Accounting Schedules and is summarized on Accounting Schedule 1,  
6 Revenue Requirement. This Accounting Schedule shows that the Staff's recommended  
7 revenue requirement for Empire in this proceeding is -\$22,053,036 based upon a mid-point  
8 recommended rate of return ("ROR") of 7.14%. Staff is recommending a mid-point ROE of  
9 9.25% with a range of 9.05% to 9.80% as calculated by Staff witness Peter Chari. Staff's  
10 revenue requirement at low and high is -\$23,977,136 to -\$16,817,641 based upon a ROR range  
11 of 7.03% to 7.43%.

12 Q. Please explain the line item "Allowance for Known and Measurable  
13 Changes/True-Up Estimate" on Accounting Schedule 1.

14 A. Line 10 of Accounting Schedule 1, Revenue Requirement, shows Staff's  
15 recommended revenue requirement quantification of -\$18,136,723, based upon a cut-off date  
16 for revenues, expense and rate base adjustments of September 30, 2019, the end of the test year  
17 update period. However, Staff's case will later be updated to take into account known and  
18 measurable events out through the end of the true-up period of January 31, 2020, as well as to  
19 reflect several isolated adjustments for the retirement of the Asbury plant at or around March 1,  
20 2020. Line 11 of Accounting Schedule 1, Allowance for Known and Measurable  
21 Changes/True-Up Estimate, presents Staff's current estimate of the impact on Empire's revenue  
22 requirement of the true-up audit and Asbury isolated adjustments of -\$3,916,313.

1           Lines 10 and 11 of Accounting Schedule 1 are then added together in Line 13, Gross  
2 Revenue Requirement, The amount on Line 13 therefore represents Staff's estimate at this time  
3 of the ultimate rate change amount that should be authorized for Empire in this case,  
4 i.e., -\$22,053,036.

5           Q.     What items are included in the Staff's recommended rate base in this case?

6           A.     All rate base items were determined as of the update period ending date of  
7 September 30, 2019, either through a balance on Empire's books as of that date or a 13-month  
8 average balance ending on September 30, 2019. Items in the Staff's rate base include: Plant-in-  
9 Service, Accumulated Depreciation Reserve, Cash Working Capital, Materials and Supplies,  
10 Prepayments, Fuel Inventories, Over/Undercollected Amortizations, Customer Advances for  
11 Construction, Customer Deposits, Unamortized Pension and OPEBs Tracking Liabilities, and  
12 the Accumulated Deferred Income Tax ("ADIT") reserve. A substantial portion of Empire's  
13 rate base will be updated through January 31, 2020 as part of the true-up audit in this case. Staff  
14 will also present certain isolated adjustments to Empire's rate base for the retirement of Asbury  
15 as part of its surrebuttal/true-up filing in this case.

16          Q.     What are the significant income statement adjustments the Staff made in  
17 determining Empire's revenue requirement for this case?

18          A.     A summary of the Staff's significant income statement adjustments follows:

19                   **Operating Revenues**

20           Retail revenues were adjusted for the elimination of unbilled revenue, the lower income  
21 tax rate experienced during the test year, FAC revenue, gross receipts taxes, customer growth,  
22 the update period and weather normalization. Other electric revenues were adjusted for  
23 Southwest Power Pool (SPP) Integrated Marketplace revenues.

1                    **Payroll, Payroll Taxes and Employee Benefit Costs**

- 2                    • Payroll expense annualized for all known wage increases through  
3                    September 30, 2019, and changes in employee levels through  
4                    September 30, 2019.
- 5                    • Payroll taxes consistent with the payroll annualization.
- 6                    • Incentive compensation and restricted stock awards disallowances.
- 7                    • Employee benefits including pensions and OPEBs.

8                    **Other Non-Labor Expenses**

- 9                    • Fuel and purchased-power annualized and normalized as of September  
10                    30, 2019.
- 11                    • SPP transmission expense normalized as of September 30, 2019.
- 12                    • Rents and Leases
- 13                    • Insurance Expense
- 14                    • Property Tax Expense
- 15                    • Uncollectible Expense
- 16                    • Corporate Allocations
- 17                    • Rate case expense adjustment.
- 18                    • Disallowance of all institutional advertising expense, certain dues and  
19                    donations and miscellaneous expenses
- 20                    • Income Taxes
- 21                    • Depreciation Expense

22                    Q.        What reliance did you place on the work or conclusions of other Staff members  
23                    working on Staff's behalf?

24                    A.        All of the Staff auditors, including myself, relied on the work from numerous  
25                    other Staff members in calculating a revenue requirement for Empire in this case.  
26                    Weather-normalized sales and the recommended rate of return are some examples of data  
27                    and analysis supplied to the Auditing Unit as inputs into the Staff's revenue requirement  
28                    cost-of-service calculation. Signed affidavits and the qualifications for all Staff members who

1 are responsible for sections of the Staff's Revenue Requirement Cost of Service Report and for  
2 whom that section constitutes direct testimony in this rate proceeding are attached in an  
3 appendix to the Report. Each Staff member who is responsible for a section of the  
4 Staff's Revenue Requirement Cost of Service Report is identified at the conclusion of the  
5 section he or she authored as being the Staff expert/witness responsible for that section.

6 Q. What are the biggest differences between the rate increase request filed by the  
7 Company and the Staff revenue requirement recommendations being filed in this proceeding?

8 A. From the Staff's perspective, there are three primary revenue requirement  
9 differences.

- 10 • Isolated Adjustment – Issue Value - (\$11.4 million) Staff has reflected an  
11 estimate of certain financial impacts associated with the retirement of the Asbury  
12 Plant as part of its direct revenue requirement recommendation. Empire did not  
13 include any adjustments for the Asbury retirement in its case. Staff's estimate  
14 of the impact of the Asbury retirement will be updated to reflect the known and  
15 measurable impacts on Empire's rate base and depreciation expense at the time  
16 Staff's true-up testimony is filed.
- 17 • Return on Equity (ROE) and Capital Structure – Issue Value – (\$ 7.2 million).  
18 As previously stated, Empire's return on equity recommendation is 9.95%, while  
19 the Staff has developed a mid-point recommendation of 9.25%. The dollar  
20 difference between Empire's recommended ROE and capital structure and  
21 Staff's recommended mid-point for ROE and capital structure is approximately  
22 \$7.2 million in revenue requirement.
- 23 • Property Taxes – Issue Value – (\$6.1 million) - Empire has reflected a projected  
24 property tax expense at the time of the filing of their rate case. Staff determined  
25 an amount for property taxes by developing a historical property tax rate to be  
26 applied to total property as of December 31, 2018.

1           There are other significant differences between the Staff and the Company, based upon  
2 their respective direct filings. However, these items are less significant than the differences  
3 discussed above.

4           Q.     Is it possible that significant differences exist between the Staff's revenue  
5 requirement positions and those of other parties besides Empire in this proceeding?

6           A.     Yes. However, the other parties are filing their prepared direct testimony, if any,  
7 concurrently with the Staff's direct filing. Until Staff has a chance to examine the direct  
8 testimony of the other parties, it is impossible for the Staff to determine what differences exist  
9 and how material they may be.

10          Q.     Is Staff recommending special accounting treatment for LED Replacement  
11 Program costs or the request for an AAO to account for the change in the native load that is to  
12 occur in June 2020 as requested by Empire?

13          A.     No. Staff is not recommending special accounting treatment for either. Staff  
14 will address these issues further in rebuttal testimony.

15          Q.     Please identify the Staff experts/witnesses responsible for addressing each area  
16 where there is a known and significant difference between Staff and Empire as addressed above  
17 in this direct testimony.

18          A.     The Staff experts/witnesses for each listed issue are as follows:

<u>Issue</u>	<u>Staff Witness</u>
Retirement of Asbury	Kimberly K. Bolin
Return on Equity	Peter Chari
Property Taxes	Courtney Barron



Direct Testimony of  
Kimberly K. Bolin

1           Q.     When will the Staff be filing its customer class cost of service and rate design  
2 direct testimony and report in this proceeding?

3           A.     Staff's customer class cost of service and rate design direct testimony and report  
4 and schedules will be filed on January 29, 2020.

5           Q.     Does this conclude your prepared direct testimony in this proceeding?

6           A.     Yes, it does.

**BEFORE THE PUBLIC SERVICE COMMISSION**

**OF THE STATE OF MISSOURI**

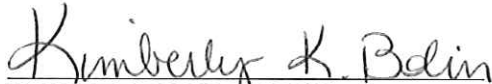
In the Matter of The Empire District Electric )  
Company's Request for Authority to ) Case No. ER-2019-0374  
Implement a General Rate Increase for )  
Electric Service )

**AFFIDAVIT OF KIMBERLY K. BOLIN**

STATE OF MISSOURI )  
 ) ss.  
COUNTY OF COLE )

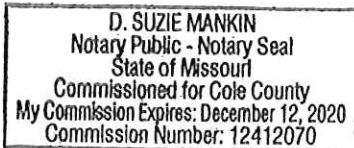
**COMES NOW KIMBERLY K. BOLIN** and on her oath declares that she is of sound mind and lawful age; that she contributed to the foregoing *Direct Testimony*; and that the same is true and correct according to her best knowledge and belief.


Further the Affiant sayeth not.

  
**KIMBERLY K. BOLIN**

**JURAT**

Subscribed and sworn before me, a duly constituted and authorized Notary Public, in and for the County of Cole, State of Missouri, at my office in Jefferson City, on this 14<sup>th</sup> day of January 2020.



  
Notary Public

**CASE PARTICIPATION  
OF  
KIMBERLY K. BOLIN**

<u>Company Name</u>	<u>Case Number</u>	<u>Testimony/Issues</u>	<u>Contested or Settled</u>
Confluence Rivers Utility Operating Co., Inc.	WA-2019-0299	<b><u>Surrebuttal</u></b> – Quality of Service	Contested
Osage Utility Operating Co., Inc.	WA-2019-0185	<b><u>Surrebuttal</u></b> – Rate Base, Acquisition Incentive	Contested
Spire Inc.	GO-2019-0115 and GO-2019-116	<b><u>Staff Direct Report</u></b> – Blanket Work Orders and Current Income Taxes	Contested
Empire District Electric Company and Liberty Utilities	AO-2018-0179	<b><u>Direct</u></b> – Moneypool <b><u>Surrebuttal</u></b> - Moneypool	Contested
Confluence Rivers Utility Operating Company, Inc.	WM-2018-0116 and SM-2018-0117	<b><u>Direct</u></b> – Rate Base, Roy L Utilities	Settled
Spire Missouri Inc.	GO-2016-0332, GO-2016-0333, GO-2017-0201, GO-2017-0202 GO-2018-0309 and GO-2018-0310	<b><u>Direct</u></b> – Removal of Plastic Main and Service Line Replacement Costs	Contested
Missouri-American Water Company	WR-2017-0285	<b><u>Cost of Service Report</u></b> – Pension/OPEB Tracker, FAS 87 Pension Costs, FAS 106 OPEBs Costs, Franchise Taxes <b><u>Rebuttal</u></b> –Defined Contribution Plan, Cloud Computing, Affiliate Transaction Rule (Water Utility) <b><u>Surrebuttal</u></b> – Rate Case Expense	Settled
Missouri-American Water Company	WO-2018-0059	<b><u>Direct</u></b> – ISRS Overview, Accumulated Deferred Income Taxes, Reconciliation	
Missouri Gas Energy and Laclede Gas Company	GO-2016-0332 and GO-2016-0333	<b><u>Rebuttal</u></b> – Inclusion of Plastic Main and Service Line Replacements	Contested
Empire District Electric Company/Liberty Utilities	EM-2016-0213	<b><u>Rebuttal</u></b> – Overview of Transaction, Ratemaking /Accounting Conditions, Access to Records <b><u>Surrebuttal</u></b> – OPC Recommended Conditions, SERP	Settled
Hillcrest Utility Operating Company, Inc.	WR-2016-0064	<b><u>Direct</u></b> – Partial Disposition Agreement	Contested

**CASE PARTICIPATION  
OF  
KIMBERLY K. BOLIN**

<u>Company Name</u>	<u>Case Number</u>	<u>Testimony/Issues</u>	<u>Contested or Settled</u>
Empire District Electric Company	ER-2016-0023	<b><u>Requirement Report</u></b> – Riverton Conversion Project and Asbury Air Quality Control System <b><u>Direct</u></b> – Overview of Staff’s Revenue Requirement Report and Overview of Staff’s Rate Design Filing	Settled
Missouri-American Water Company	WR-2015-0301	<b><u>Report on Cost of Service</u></b> – Corporate Allocation, District Allocations <b><u>Rebuttal</u></b> – District Allocations, Business Transformation <b><u>Surrebuttal</u></b> – District Allocations, Business Transformation, Service Company Costs	Settled
Empire District Electric Company	ER-2014-0351	<b><u>Direct</u></b> – Overview of Staff’s Filing <b><u>Rebuttal</u></b> - ITC Over-Collection, Cost of Removal Deferred Tax Amortization, State Flow-Through <b><u>Surrebuttal</u></b> – Unamortized Balance of Joplin Tornado, ITC Over-Collections, Cost of Removal Deferred Tax Amortization, State Flow-Through, Transmission Revenues and Expenses	Settled
Brandco Investments/Hillcrest Utility Operating Company, Inc.	WO-2014-0340	<b><u>Rebuttal</u></b> – Rate Base and Future Rates	Settled
Lake Region Water & Sewer	WR-2013-0461	<b><u>Direct</u></b> – Overview of Staff’s Filing <b><u>Report on Cost of Service</u></b> – True-Up, Availability Fees, Sewer Operating Expense, Sewer Equipment Maintenance Expense <b><u>Surrebuttal</u></b> – Availability Fees <b><u>True-Up Direct</u></b> – Overview of True-Up Audit <b><u>True-Up Rebuttal</u></b> – Corrections to True-Up	Contested

**CASE PARTICIPATION  
OF  
KIMBERLY K. BOLIN**

<u>Company Name</u>	<u>Case Number</u>	<u>Testimony/Issues</u>	<u>Contested or Settled</u>
Empire District Electric Company	ER-2012-0345	<p><b><u>Direct</u></b> - Overview of Staff's Filing  <b><u>Report on Cost of Service</u></b> – SWPA Hydro Reimbursement, Joplin Tornado AAO Asset, SPP Revenues, SPP Expenses, Regulatory Plan Amortization Impacts, SWPA Amortization, Tornado AAO Amortization  <b><u>Rebuttal</u></b> – Unamortized Balance of Joplin Tornado AAO, Rate Case Expense, True-Up and Uncontested Issues  <b><u>Surrebuttal</u></b> – Unamortized Balance of Joplin Tornado AAO, SPP Transmission Expense, True-Up, Advanced Coal Investment Tax Credit</p>	Settled
Missouri-American Water Company	WR-2011-0337	<p><b><u>Direct</u></b> – Overview of Staff's Filing  <b><u>Report on Cost of Service</u></b> - True-Up Recommendation, Tank Painting Tracker, Tank Painting Expense  <b><u>Rebuttal</u></b> - Tank Painting Expense, Business Transformation  <b><u>Surrebuttal</u></b> – Tank Painting Tracker, Acquisition Adjustment</p>	Settled
Missouri-American Water Company	WR-2010-0131	<p><b><u>Report on Cost of Service</u></b> - Pension/OPEB Tracker, Tank Painting Tracker, Deferred Income Taxes, FAS 87 Pension Costs, FAS 106 – Other Post-Employment Benefits, Incentive Compensation, Group Insurance and 401(k) Employer Costs, Tank Painting Expense, Dues and Donations, Advertising Expense, Promotional Items, Current and Deferred Income Tax Expense</p>	Settled
Empire District Gas Company	GR-2009-0434	<p><b><u>Report on Cost of Service</u></b> – Prepaid Pension Asset, Pension Tracker Asset/Liability, Unamortized Accounting Authority Order Balances, Pension Expense, OPEBs, Amortization of Stock Issuance Costs, Amortization of Accounting Authority Orders  <b><u>Direct</u></b> – Overview of Staff's Filing</p>	Settled
Laclede Gas Company	GT-2009-0056	<p><b><u>Surrebuttal Testimony</u></b> – Tariff</p>	Contested

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Missouri-American Water Company	WR-2008-0311 & SR-2008-0312	<b><u>Report on Cost of Service</u></b> – Tank Painting Tracker, Lobbying Costs, PSC Assessment <b><u>Direct</u></b> – Overview of Staff’s Filing <b><u>Rebuttal</u></b> – True-Up Items, Unamortized Balance of Security AAO, Tank Painting Expense, Fire Hydrant Painting Expense <b><u>Surrebuttal</u></b> – Unamortized Balance of Security AAO, Cedar Hill Waste Water Plant, Tank Painting Expense, Fire Hydrant Painting Expense	Settled
Missouri Gas Utility, Inc.	GR-2008-0060	<b><u>Report on Cost of Service</u></b> – Plant-in Service/Capitalization Policy, Plant-in Service/Purchase Price Valuation, Depreciation Reserve, Revenues, Uncollectible Expense	Settled
Laclede Gas Company	GR-2007-0208	<b><u>Direct</u></b> - Test Year and True-Up, Environmental costs, AAOs, Revenue, Miscellaneous Revenue, Gross receipts Tax, Gas Costs, Uncollectibles, EWCR, AMR, Acquisition Adjustment	Settled
Kansas City Power and Light Company	ER-2006-0314	<b><u>Direct</u></b> - Gross Receipts Tax, Revenues, Weather Normalization, Customer Growth/Loss Annualization, Large Customer Annualization, Other Revenue, Uncollectible (Bad Debt) Expense, Payroll, A&G Salaries Capitalization Ratio, Payroll Taxes, Employer 401 (k) Match, Other Employee Benefits <b><u>Surrebuttal</u></b> - Uncollectible (Bad Debt) Expense, Payroll, A&G Salaries Capitalization Ratio, Other Employee Benefits	Contested
Missouri Gas Energy	GR-2006-0204	<b><u>Direct</u></b> - Payroll, Incentive Compensation, Payroll Taxes, Employee Benefits, Lobbying, Customer & Governmental Relations Department, Collections Contract	Settled

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

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



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

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

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