

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of Union Electric Company)
d/b/a Ameren Missouri’s Tariffs to)
Increase Its Annual Revenues for)
Electric Service.)
File No. ER-2022-0337

**JOINT LIST OF ISSUES, ORDER OF WITNESSES, ORDER OF CROSS-
EXAMINATION AND ORDER OF OPENING STATEMENTS**

COMES NOW the Staff of the Missouri Public Service Commission, by and through counsel, and on behalf of all the parties, tenders this *List of Issues, List and Order of Witnesses, Order of Cross Examination,¹ and Order of Opening Statements* in satisfaction of the Commission's *Order Setting Procedural Schedule and Adopting Test Year* issued herein on December 31, 2022:

List and Schedule of Witnesses and Order of Opening:

Monday, April 3, 2023:

Mark Exhibits
Entries of Appearance
Motions and Outstanding Matters

***Opening Statements:*²**

Ameren Missouri (“Ameren”)
Staff of the Missouri Public Service Commission (“Staff”)
Office of the Public Counsel (“OPC”)
Missouri Industrial Energy Consumers (“MIEC”)
Sierra Club (“Sierra”)
Natural Resources Defense Council (“NRDC”)
Legal Services of Eastern Missouri (“LSEMo”)
Consumers Council of Missouri (“CCMo”)

¹ Order of witnesses and order of cross-examination may be modified at the hearing with the approval of the judge due to witness availability or to reflect actual adverseness.

² Parties sponsoring witnesses on individual issues may also provide mini-opening statements when those issues are presented.

Midwest Energy Consumer Group (“MECG”)
Renew Missouri (“Renew”)
Missouri NAACP and Metropolitan Congregations United

1. Overview.

Wood (Ameren Missouri)
Keith Majors (Staff)
Geoff Marke (OPC)

2. Incentive Compensation.

- A. Should the Company’s expenditures (capital and expense) for restricted stock units be included in the Company’s revenue requirement?
- B. What amount of exceptional performance bonus costs should be included in the Company's revenue requirement?

Lansford (Ameren Missouri)
Hasenfratz (Ameren Missouri)
Young (Staff)

3. Severance.

- A. Should the Company’s expenditures (capital and expense) for severance payments be included in the Company’s revenue requirement?

Hasenfratz (Ameren Missouri)
Lansford (Ameren Missouri)
Giacone (Staff)
Meyer (MECG)

Tuesday, April 4, 2023:

4. Class Cost of Service, Revenue Allocation, Rate Design and Rate-Switching Tracker.

- A. How should production costs be allocated among customer classes within a Class Cost of Service Study?
- B. How should distribution costs be allocated among customer classes within a Class Cost of Service Study?
- C. Which party's Class Cost of Service Study should be used in this case and used as a starting point for the non-residential rate design

working case agreed to by the parties to the Company's last electric general rate case, File No. ER-2021-0240?

- D. How should any rate increase be allocated to the several customer classes?
- E. What should the customer charges associated with the Residential Class rate plans be?
 - a. If the customer charges for the Ultimate Saver and Smart Saver Plans are discounted relative to other residential rate plans, should a minimum demand charge be imposed with customers to be fully educated on the minimum demand charge?
- F. What changes should be made, if any, to the Residential rate plans offered by the Company?
 - a. Should Staff's proposal to eliminate the Anytime (flat) rate option for any Residential customers who have an AMI meter be approved?
 - b. What changes, if any, should be made to the deployment of residential ToU rate plans?
- G. What changes should be made, if any, to the Non-Residential, Non-Lighting rate options offered by the Company?
 - a. Should Staff's proposal to introduce a time-based overlay for all Non-Residential, Non-Lighting classes for all customers who have an AMI meter and are not served on a time-based schedule be adopted?
 - b. Should MCEG's proposed shift to increase the demand component for Large General Service and Small Primary Service and decrease energy charges be adopted?
 - c. Should the Commission approve MCEG's proposed optional EV charging 3M/4M rate design?
 - d. Should the Rider C factor be adjusted?
 - e. Should the values for the monthly customer charge, Rider B credits, and Reactive Charge remain consistent for SPS and LPS customers because these costs are effectively the same regardless of the customer class?

H. Rate structures:

- a. Should the cost-causation and rates of Riders B & C be fully evaluated?
- b. Ordered Rider B Study - Did Ameren Missouri comply with the Report and Order in ER-2021-0240 at pages 31 – 34, where the Commission addressed whether it should require “Performance of a study of the reasonableness of the calculations and assumptions underlying Rider B to be filed as part of the Company’s direct filing in its next general rate case?” The decision paragraph at pages 33-34 states “The Commission will not suspend the Rider B credits, but it believes the question of the proper calculation of those credits should be further addressed in Ameren Missouri’s next rate case. Therefore, the Commission will direct Ameren Missouri to study the reasonableness of the calculations and assumption underlying Rider B and to file the results of that study as part of its direct filing in its next general rate case.”
- c. Should Ameren Missouri be ordered to record transmission assets related to maintenance of voltage support due to the retirement of large synchronous generators be recorded to new subaccounts?
- d. Should Ameren Missouri be ordered to retain customer and rate schedule characteristics related to draws of reactive demand?
- e. Should Ameren Missouri be ordered to create subaccounts within distribution accounts and transmission accounts (plant and reserve) for recording infrastructure related to utility-owned generation?
- f. Should Ameren Missouri be ordered to provide a study of the customer-specific infrastructure, by account, by rate schedule, by voltage, in its next general rate case?
- g. Should Ameren Missouri be ordered to provide data concerning the level of rate base and expense associated with radial transmission facilities including substation components, by customer?
- h. What information should Ameren Missouri provide for any rate modernization workshop, or for its next general rate case?

- i. Should Ameren Missouri be required to study potential rate structures and make available related determinants?
- I. Should the Commission authorize Ameren Missouri to track some valuation of estimated revenue changes that may arise from residential customer rate switching?
 - a. Is the Ameren Missouri requested method for calculating the tracker balance reasonable?
 - b. Are alternative approaches available to address what Ameren Missouri characterizes as an inherent disincentive for the utility to pursue a rapid transition toward broad adoption?

Harding (Ameren Missouri)
Willis (Ameren Missouri)
Hickman (Ameren Missouri)
Brown (Ameren Missouri)
Wills (Ameren Missouri)
Marke (OPC)
Hutchinson (CCM)
Brubaker (MIEC)
Chriss (MECG)
Lange, Sarah (Staff)

Wednesday, April 5, 2023:

Complete CCROSS/Rate Design (If needed)

5. Tariff Revisions and Miscellaneous.

- A. Should the miscellaneous proposed tariff changes in Sheet Nos. 103 and 104 that were proposed by the Company be approved?

Harding (Ameren Missouri)
Hutchinson (CCM)
King (Staff)
Sarah Lange (Staff)

6. Electric Vehicle Incentive Costs

- A. What amount of electric vehicle incentive costs should be included in the Company's revenue requirement?

Lansford (Ameren Missouri)
Lyons (Staff)

7. Litigation Costs

- A. What amount of litigation costs relating to FERC ROE should be included in the Company's revenue requirement?
- B. What amount of litigation costs relating to the Rush Island New Source Review case should be included in the Company's revenue requirement?

Lansford (Ameren Missouri)
Majors (Staff)

Thursday, April 6, 2023:

8. Fuel Adjustment Clause ("FAC")

- A. Should the Company's FAC tariff sheets contain language that explicitly states that decommissioning and retirement costs are not included in the Company's FAC?
- B. Should the Company's tariff sheet contain language describing the treatment of coal costs when a coal plant is retired?
- C. Should language be included in the Company's FAC tariff sheets related to the treatment of costs related to Research and Development? If so, what language should be included in its FAC tariff sheets?
- D. Should Ameren Missouri include the information that is currently provided in tabs 5Dp3 and 5Dp4 in the Company's monthly FAC reports for RES compliance generation resources for all generation resources added between this rate case and Ameren Missouri's next general rate case?
- E. Should Ameren Missouri include hourly day ahead and real-time locational market prices for Ameren Missouri's load and each generating resource be included in the monthly as-burned fuel report required by 20 CSR 4240-3.190(1)(B)?
- F. Should language be included in the Company's FAC tariff sheets to include MISO Schedule 43K?

Meyer (Ameren Missouri)
Conner (Staff)
Schaben (OPC)

9. Net Base Energy Costs.

- A. What is the level of variable fuel and purchased power expense that should be included in the Ameren Missouri's revenue requirement and its FAC net base energy costs?
- B. What net base energy costs should be included in the Company's revenue requirement (including the calculation of the Company's cash working capital)?
- C. What are the appropriate Fuel Adjustment Clause seasonal Base Factors and transmission percentages?

Lansford (Ameren Missouri)
Peters (Ameren Missouri)
Conner (Staff)
Young (Staff)
Lyons (Staff)
Shawn Lange (Staff)

10. RESRAM Base.

- A. What should be the base amount for the Company's Renewable Energy Standard Rate Adjustment Mechanism?

Lansford (Ameren Missouri)
Peters (Ameren Missouri)
Lyons (Staff)
Lange, Shawn (Staff)

11. Coal Inventory.

- A. What should be the level of coal inventory costs included in rate base?

Meyer (Ameren Missouri)
Young (Staff)

12. Transmission Expense/Revenue.

- A. What is the appropriate level of transmission expense related to MISO Schedules 26A and 9?

Lansford (Ameren Missouri)
Lyons (Staff)

13. Equity Issuance Cost Amortization

- A. What amount of amortization relating to previously deferred equity issuance costs should be included in the Company's revenue requirement?

Lansford (Ameren Missouri)
Lyons (Staff)

Friday, April 7, 2023:

14. Low-Income and Other Customer Programs.

- A. Should the changes to the Keeping Current/Keeping Cool Program proposed by CCM be approved?
- B. Should the changes to the Keeping Current/Keeping Cool Program proposed by OPC be approved?

Hutchison (CCM)
Marke (OPC)
Eichholz (Staff)
Owen (Renew)
Harding (Ameren Missouri)

15. Membership Dues.

- A. Should the Company's expenditures for membership dues be included in the Company's revenue requirement?
- B. Should the Company's expenditures for membership dues related to the Utility Solid Waste Activities Group?

Moore (Ameren Missouri)
Charles Steib (Ameren Missouri)
Nieto (Staff)
Marke (OPC)

16. Blues Power Play Goal For Kids

- A. What orders, if any, should the Commission make regarding Ameren Missouri's Blues Power Play Goal for Kids sponsorship?

Marke (OPC)

17. Employee Benefit Costs

- A. Should employee benefit costs be updated to account for headcount as of the true-up cutoff date?

Lansford (Ameren Missouri)
Amenthor (Staff)

18. Non-qualified Pension Costs

- A. What amount of non-qualified pension costs should be included in the Company's revenue requirement?

Lansford (Ameren Missouri)
Giacone (Staff)

Monday, April 10, 2023:

19. Return on Common Equity ("ROE")

- A. In consideration of all relevant factors, what is the appropriate value for Return on Equity ("ROE") that the Commission should use in setting Ameren Missouri's Rate of Return?

Bulkley (Ameren Missouri)
Won (Staff)
Murray (OPC)

20. Capital Structure.

- A. What is the appropriate capital structure to use for ratemaking in this case?

Sagel (Ameren Missouri)
Won (Staff)
Murray (OPC)

21. Allowance for Funds Used During Construction:

- A. What short-term debt balances should be included in the Company's calculation for AFUDC?

Lansford (Ameren Missouri)
Sagel (Ameren Missouri)
Murray (OPC)

Tuesday, April 11, 2023:

22. Rush Island.

- A. Should any of the Company's investment in the Rush Island Energy Center be excluded from rate base in this case?

Birk (Ameren Missouri)
Moor (Ameren Missouri)
Holmstead (Ameren Missouri)
Reed (Ameren Missouri)
Peters (Ameren Missouri)
Meyer, Andrew (Ameren Missouri)
Lange, Shawn (Staff)
Eubanks (Staff)
Majors (Staff)
Marke (OPC)

Wednesday, April 12, 2023:

Complete Rush Island (if needed)

23. High Prairie.

- A. Should a portion of the Company's investment in the High Prairie Energy Center be excluded from rate base in this case? If so, how much should be excluded?
- B. Should MCEG witness Meyer's proposal to impute energy revenues, production tax credits, renewable energy credits and disallow any monitoring expenses or mitigation projects based on his contention that the High Prairie is underperforming be adopted?
- C. Should Staff witness Eubanks' proposal to impute energy revenues, renewable energy credit costs, and production tax credits into the Company's revenue requirement be adopted?

Arora (Ameren Missouri)
Reed (Ameren Missouri)
Meyer, Andrew (Ameren Missouri)
Peters (Ameren Missouri)
Lange, Shawn (Staff)
Eubanks (Staff)
Marke (OPC)
Meyer, G. (MCEG)

Thursday, April 13, 2023:

24. Depreciation/Continuing Property Record ("CPR").

- A. What depreciation rates should be ordered?
- B. Should the Company be ordered to change the manner that property retirements are recorded to its CPR?

Spanos (Ameren Missouri)
Lansford (Ameren Missouri)
Cunigan (Staff)
Robinett (OPC)

25. Property Taxes/Tracker.

- A. What is the appropriate level of Missouri property tax to be included in rates?
- B. What base level of property taxes should the Commission approve for Ameren Missouri to track property tax?
- C. What amount of property tax deferrals should be included in the Company's revenue requirement used to set customer rates in this case?

Lansford (Ameren Missouri)
Lyons (Staff)
Meyer (MECG)

26. Income Taxes.

- A. Should any amount of federal tax credit carryforwards be included in the Company's revenue requirement as an offset to ADIT in rate base?

Lansford (Ameren Missouri)
Riley (OPC)
Young (Staff)

27. Cash Working Capital

- A. What cash working capital factors should be used for income taxes to determine the amount to adjust the Company's rate base in this case?

- B. What cash working capital factors should be used for sales and use taxes to determine the amount to adjust the Company's rate base in this case?

Lansford (Ameren Missouri)
Steib (Ameren Missouri)
Giacone (Staff)
Riley (OPC)

28. Inflation Reduction Act ("IRA") Tracker.

- A. Should Ameren Missouri be allowed to implement an IRA Tracker, and if so, what costs and benefits should be included?

Lansford (Ameren Missouri)
Young (Staff)
Riley (OPC)

Friday, April 14, 2023:

29. Retail Revenues.

- A. What level of billing units and normalized revenues should be used in calculating rates?
 - 1. What block adjustment should be used in calculating rates?
 - 2. What weather normalization adjustment should be applied when determining rates?
 - 3. What customer-owned solar adjustment should be used in calculating rates?"
 - 4. What growth adjustment should be used in calculating rates?
 - 5. What energy efficiency annualization adjustment should be used in calculating rates?
 - 6. Should the Community Solar adjustment be annualized?

Bowden (Ameren Missouri)
Stahlman (Staff) (Sub-issue 1)
Poudel (Staff) (Sub-issues 2, 5)
Luebbert (Staff) (Sub-issue 3)
Cox (Staff) (Sub-issues 4, 6)

30. Identification of Avoided Capital Investments for the Sioux and Labadie Coal Plants.

- A. Should the Company be required to identify avoided capital investments should the Sioux or Labadie Energy Centers retire earlier than currently planned as recommended by Sierra Club witness Comings?

Comings (Sierra Club)
Michels (Ameren Missouri)

31. Meramec Return.

- A. What is the appropriate level of return for deferred costs of operating the Meramec plant up until its closure to be included in rates?

Lansford (Ameren Missouri)
Majors (Staff)

32. Rate Case Expense.

- A. What is the appropriate amount to include in Ameren Missouri's revenue requirement for Rate Case Expense?

Lansford (Ameren Missouri)
Giacone (Staff)

Order of Cross-Examination:

For witnesses of:

Ameren	MIEC, MECG, NRDC, Sierra, Renew, LSEMo, CCMo, OPC, Staff
Staff	OPC, MIEC, MECG, NRDC, Sierra, Renew, LSEMo, CCMo, Ameren
OPC	Staff, MIEC, MECG, NRDC, Sierra, Renew, LSEMo, CCMo, Ameren
MIEC	MECG, NRDC, Sierra, Renew, LSEMo, CCMo, OPC, Staff, Ameren
Sierra	MECG, NRDC, MIEC, Renew, LSEMo, CCMo, OPC, Staff, Ameren
NRDC	MECG, Sierra, MIEC, Renew, LSEMo, CCMo, OPC, Staff, Ameren
LSEMo	MECG, NRDC, MIEC, Sierra, Renew, CCMo, OPC, Staff, Ameren
CCMo	MECG, NRDC, MIEC, Sierra, Renew, LSEMo, OPC, Staff, Ameren
MECG	NRDC, MIEC, Sierra, Renew, LSEMo, CCMo, OPC, Staff, Ameren
Renew	MECG, NRDC, MIEC, Sierra, LSEMo, CCMo, OPC, Staff, Ameren

The parties agree to waive cross examination of any witness not listed in the above *List and Order of Witnesses*.

WHEREFORE, the Staff of the Missouri Public Service Commission and the other parties hereto jointly tender this *List of Issues, List and Order of Witnesses, Order of Cross Examination, and Order of Opening Statements* in satisfaction of the Commission's *Order Setting Procedural Schedule and Adopting Test Year* issued herein on September 28, 2022.

Respectfully submitted,

s/ Kevin A. Thompson

KEVIN A. THOMPSON

Missouri Bar Number 36288

Chief Staff Counsel

Missouri Public Service Commission

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Attorney for the Staff of the Missouri

Public Service Commission.

Certificate of Service

I hereby certify that a true and correct copy of the foregoing was served, either electronically or by hand delivery or by First Class United States Mail, postage prepaid, on this **22nd day of March, 2023**, to the parties of record as set out on the official Service List maintained by the Data Center of the Missouri Public Service Commission for this case.

s/ Kevin A. Thompson