

Denny Hoskins
Secretary of State / Administrative Rules
RULE TRANSMITTAL

898

Administrative Rules Stamp
Received

AUG 28 2026

JCARS STAMP
SECRETARY OF STATE
ADMINISTRATIVE RULES

RECEIVED
By JCAR at 4:59 pm, Aug 28, 2026

Rule number 20 CSR 4240-22.045

Use a SEPARATE rule transmittal sheet for EACH individual rulemaking.

Name of person(s) Administrative Rules can contact with questions about this rule:

Content Nancy Dippell Phone 573-751-8518 Fax 573-526-6010

Email address Nancy.Dippell@psc.mo.gov

Data Entry Kayla Kliethermes Phone 573-751-4256 Fax 573-526-6010

Email address Kayla.Kliethermes@psc.mo.gov

Interagency mailing address Public Service Commission, 9th Floor Gov. Office Bldg, JC, MO

TYPE OF RULEMAKING ACTION TO BE TAKEN

☐ Emergency rulemaking > ☐ Rule ☐ Amendment ☐ Rescission ☐ Termination
Effective date for the emergency _____

☒ Proposed rulemaking > ☐ Rule ☒ Amendment ☐ Rescission

☐ Rule Action Notice

☐ In Addition

☐ Rule Under Consideration

☐ Request for Non-Substantive Change

☐ Statement of Actual Cost

☐ Order of Rulemaking > ☐ Withdrawal ☐ Adoption ☐ Amendment ☐ Rescission
Effective date for the order _____

☐ Statutory 30 days OR ☐ Specific date _____

Does the Order of Rulemaking contain changes to the rule text? ☐ NO

☐ YES—LIST THE SECTIONS/SUBSECTIONS WITH CHANGES:

STATE CAPITOL
201 W. CAPITOL AVENUE, ROOM 216
JEFFERSON CITY, MISSOURI 65101



(573) 751-3222
WWW.GOVERNOR.MO.GOV

Mike Kehoe

GOVERNOR
STATE OF MISSOURI

August 21, 2026

Kayla Hahn, Chair
Missouri Public Service Commission
P O Box 360
Jefferson City MO 65102

Dear Ms. Hahn:

Our office has received the Proposed Amendment rulemakings for the following regulations:

- **20 CSR 4240-22.020** Definitions
- **20 CSR 4240-22.030** Load Analysis and Load Forecasting
- **20 CSR 4240-22.040** Supply-Side Resource Analysis
- **20 CSR 4240-22.045** Transmission and Distribution Analysis

Executive Order 25-13 requires this office's approval before state agencies release proposed regulations for notice and comment, amend existing regulations, or adopt new regulations. After our review, we approve submission of the rule and the regulatory impact report (if required) to JCAR and the Secretary of State.

Sincerely,

A handwritten signature in cursive script that reads "Lowell Pearson".

Lowell Pearson
General Counsel



Missouri Public Service Commission

MAIDA J. COLEMAN
Commissioner

GLEN KOLKMEYER
Commissioner

KAYLA HAHN
Chair

POST OFFICE BOX 360
JEFFERSON CITY, MISSOURI 65102
573-751-3234
573-751-1847 (Fax Number)
<http://psc.mo.gov>

JOHN P. MITCHELL
Commissioner

VACANT
Commissioner

August 28, 2026

Denny Hoskins
Secretary of State
Administrative Rules Division
600 West Main Street
Jefferson City, Missouri 65101

Re: 20 CSR 4240-22.045 Transmission and Distribution Analysis

Dear Secretary Hoskins,

CERTIFICATION OF ADMINISTRATIVE RULE

I do hereby certify that the attached is an accurate and complete copy of the proposed amendment lawfully submitted by the Missouri Public Service Commission.

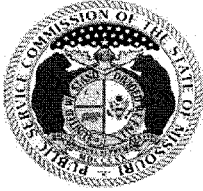
The Public Service Commission further certifies it has conducted an analysis of whether or not there has been a taking of real property pursuant to section 536.017, RSMo, that the proposed amendment does not constitute a taking of real property under relevant state and federal law.

The Public Service Commission has determined and hereby also certifies that if the proposed amendment does affect small business pursuant to sections 536.300 to 536.310, RSMo, a small business impact statement has been filed as required by those sections. If no small business impact statement has been filed the proposed amendment either does not affect small business or the small business requirements do not apply pursuant to section 536.300.4, RSMo.

Statutory Authority: *sections 386.040, 386.250, 386.610, and 393.140, RSMo.*

If there are any questions regarding the content of this proposed amendment, please contact:

Nancy Dippell
Secretary/Chief Regulatory Law Judge
Missouri Public Service Commission
200 Madison Street
P.O. Box 360
Jefferson City, MO 65102
(573) 751-8518
Nancy.Dippell@psc.mo.gov



Nancy Dippell

Nancy Dippell
Secretary

Enclosures



Missouri Public Service Commission

MAIDA J. COLEMAN
Commissioner

GLEN KOLKMEYER
Commissioner

KAYLA HAHN
Chair

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JOHN P. MITCHELL
Commissioner

VACANT
Commissioner

August 28, 2026

Sarah Schappe
Director
Joint Committee on Administration Rules
State Capitol, Room B8A
Jefferson City, Missouri 65101

Re: 20 CSR 4240-22.045 Transmission and Distribution Analysis

Dear Director Schappe,

CERTIFICATION OF ADMINISTRATIVE RULE

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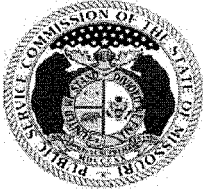
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If there are any questions regarding the content of this proposed amendment, please contact:

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Nancy Dippell

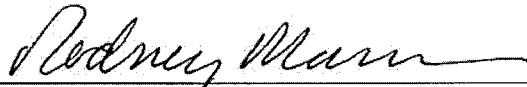
Nancy Dippell
Secretary

Enclosures

**AFFIDAVIT
PUBLIC COST**

STATE OF MISSOURI)
)
COUNTY OF COLE)

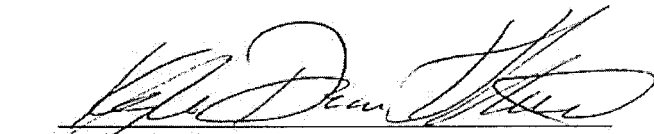
I, Rodney Massman, General Counsel of the Public Service Commission, first being duly sworn, on my oath, state that it is my opinion that the cost of proposed amendment, 20 CSR 4240-22.045, is less than five hundred dollars in the aggregate to this agency, any other agency of state government or any political subdivision thereof.



Rodney Massman
General Counsel
Public Service Commission

Subscribed and sworn to before me this 16th day of August, 2026, I am commissioned as a notary public within the County of Cole, State of Missouri, and my commission expires on June 29, 2029.





Notary Public

Received

AUG 28 2026

SECRETARY OF STATE
ADMINISTRATIVE RULES

Title 20—DEPARTMENT OF
COMMERCE AND INSURANCE
Division 4240—Public Service Commission
Chapter 22—Electric Utility Resource Planning

PROPOSED AMENDMENT

20 CSR 4240-22.045 Transmission and Distribution Analysis. The Public Service Commission is amending sections (1), (2); subsections (1)(A), (1)(B), (1)(C), and (3)(D); and paragraph (4)(C)5.

PURPOSE: This amendment updates citation references from the originally filed rule of 4 CSR 240-22.010, 4 CSR 240-22.040, 4 CSR 240-22.045, and 4 CSR 240-22.080, which were moved on August 28, 2019.

(1) The electric utility shall describe and document its consideration of the adequacy of the transmission and distribution networks in fulfilling the fundamental planning objective set out in [4 CSR 240-22.010] **20 CSR 4240-22.010**. Each utility shall consider, at a minimum, improvements to the transmission and distribution networks that—

(A) Reduce transmission power and energy losses. Opportunities to reduce transmission network losses are among the supply-side resources evaluated pursuant to [4 CSR 240- 22.040(3)] **20 CSR 4240-22.040(3)**. The utility shall assess the age, condition, and efficiency level of existing transmission and distribution facilities and shall analyze the feasibility and cost-effectiveness of transmission and distribution network loss-reduction measures. This provision shall not be construed to require a detailed line-by-line analysis of the transmission and distribution systems, but is intended to require the utility to identify and analyze opportunities for efficiency improvements in a manner that is consistent with the analysis of other supply-side resource options;

(B) Interconnect new generation facilities. The utility shall assess the need to construct transmission facilities to interconnect any new generation pursuant to [4 CSR 240- 22.040(3)] **20 CSR 4240-22.040(3)** and shall reflect those transmission facilities in the cost benefit analyses of the resource options;

(C) Facilitate power purchases or sales. The utility shall assess the transmission upgrades needed to purchase or sell pursuant to [4 CSR 240- 22.040(3)] **20 CSR 4240-22.040(3)**. An estimate of the portion of costs of these upgrades that are allocated to the utility shall be reflected in the analysis of preliminary supply-side candidate resource options; and

(2) Avoided Transmission and Distribution Cost. The utility shall develop, describe, and document an avoided transmission capacity cost and an avoided distribution capacity cost. The avoided transmission and distribution capacity costs are components of the avoided demand cost pursuant to [4 CSR 240- 22.050(5)(A)] **20 CSR 4240-22.050(5)(A)**.

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(3) Transmission Analysis. The utility shall compile information and perform analyses of the transmission networks pertinent to the selection of a resource acquisition strategy. The utility and the Regional Transmission Organization (RTO) to which it belongs both participate in the process for planning transmission upgrades.

(D) The utility shall provide a report for consideration in [4 CSR 240- 22.040(3)] **20 CSR 4240-22.040(3)** that identifies the physical transmission upgrades needed to interconnect generation, facilitate power purchases and sales, and otherwise maintain a viable transmission network, including:

1. A list of the transmission upgrades needed to physically interconnect a generation source within the RTO footprint;
2. A list of the transmission upgrades needed to enhance deliverability from a point of delivery within the RTO including requirements for firm transmission service from the point of delivery to the utility's load and requirements for financial transmission rights from a point of delivery within the RTO to the utility's load;
3. A list of transmission upgrades needed to physically interconnect a generation source located outside the RTO footprint;
4. A list of the transmission upgrades needed to enhance deliverability from a generator located outside the RTO including requirements for firm transmission service to a point of delivery within the RTO footprint and requirements for financial transmission rights to a point of delivery within the RTO footprint;
5. The estimated total cost of each transmission upgrade; and
6. The estimated fraction of the total cost and amount of each transmission upgrade allocated to the utility.

(4) Analysis Required for Transmission and Distribution Network Investments to Incorporate Advanced Technologies.

(C) The utility shall describe and document its optimization of investment in advanced transmission and distribution technologies based on an analysis of—

1. Total costs and benefits, including:
 - A. Costs of the advanced grid investments;
 - B. Costs of the non-advanced grid investments;
 - C. Reduced resource costs through enhanced demand response resources and enhanced integration of customer-owned generation resources; and
 - D. Reduced supply-side production costs;
2. Cost effectiveness, including:
 - A. The monetary values of all incremental costs of the energy resources and delivery system based on advanced grid technologies relative to the costs of the energy resources and delivery system based on nonadvanced grid technologies;
 - B. The monetary values of all incremental benefits of the energy resources and delivery system based on advanced grid technologies relative to the costs and benefits of the energy resources and delivery system based on non-advanced grid technologies; and
 - C. Additional non-monetary factors considered by the utility;
3. Societal benefit, including:

- A. More consumer power choices;
- B. Improved utilization of existing resources;
- C. Opportunity to reduce cost in response to price signals;
- D. Opportunity to reduce environmental impact in response to environmental signals;
- 4. Any other factors identified by the utility; and
- 5. Any other factors identified in the special contemporary issues process pursuant to [4 CSR 240-22.080(4)] **20 CSR 4240-22.080(4)** or the stakeholder group process pursuant to [4 CSR 240- 22.080(5)] **20 CSR 4240-22.080(5)**.

*AUTHORITY: sections 386.040, 386.250, 386.610, and 393.140, RSMo [2000] **2016**.^{*} This rule originally filed as 4 CSR 240-22.045. Original rule filed Oct. 25, 2010, effective June 30, 2011. Moved to 20 CSR 4240- 22.045, effective Aug. 28, 2019. **Amended: Filed, effective.***

^{}Original authority: 386.040, RSMo 1939; 386.250, RSMo 1939, amended 1963, 1967, 1977, 1980, 1987, 1988, 1991, 1993, 1995, 1996; 386.610, RSMo 1939; and 393.140, RSMo 1939, amended 1949, 1967.*

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500.00) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500.00) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file comments in support of or in opposition to this proposed amendment with the Missouri Public Service Commission, Nancy Dippell, Secretary of the Commission, P.O. Box 360, Jefferson City, MO 65102. To be considered, comments must be received at the commission's offices on or before November 2, 2026, and should include a reference to Commission Case No. EX-2027-0060. Comments may also be submitted via a filing using the commission's electronic filing and information system at https://psc.mo.gov/General/Submit_Comments. A public hearing regarding this proposed amendment is scheduled for November 5, 2026, at 10 a.m., in Room 310 of the Governor Office Building, 200 Madison St., Jefferson City, MO. Interested persons may appear at this hearing to submit additional comments and/or testimony in support of or in opposition to this proposed amendment and may be asked to respond to commission questions. Any persons with special needs as addressed by the Americans with Disabilities Act should contact the Missouri Public Service Commission at least ten (10) days prior to the hearing at one (1) of the following numbers: Consumer Services Hotline 1-800-392-4211 or TDD Hotline 1-800-829-7541.