

Denny Hoskins

Secretary of State / Administrative Rules
RULE TRANSMITTAL

1020

Administrative Rules Stamp

RECEIVED

By Administrative Rules at 4:52 pm, Sep 21, 2026

JCAR Stamp

RECEIVED

By JCAR at 4:06 pm, Sep 21, 2026

Rule number 20 CSR 4240-21.055

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:



Missouri Public Service Commission

MAIDA J. COLEMAN
Commissioner

KAYLA HAHN
Chair

JOHN P. MITCHELL
Commissioner

GLEN KOLKMEYER
Commissioner

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

VACANT
Commissioner

September 18, 2026

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

Re: 20 CSR 4240-21.055 Distributed Energy Resource Analysis Requirements

Dear Director Schappe,

CERTIFICATION OF ADMINISTRATIVE RULE

I do hereby certify that the attached is an accurate and complete copy of the proposed rule 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 rule 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 rule 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 rule 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, 393.140, RSMo 2016, and section 393.1900, RSMo Supp. 2025.*

If there are any questions regarding the content of this proposed rule, 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



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September 18, 2026

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

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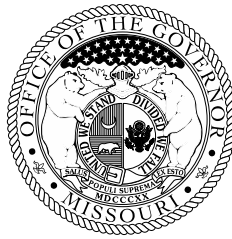
Nancy Dippell
Secretary/Chief Regulatory Law Judge
Missouri Public Service Commission
200 Madison Street
P.O. Box 360
Jefferson City, MO 65102
(573) 751-8518
Nancy.Dippell@psc.mo.gov

A handwritten signature in black ink that reads "Nancy Dippell".

Nancy Dippell
Secretary

Enclosures

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



(573) 751-3222
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Mike Kehoe

GOVERNOR
STATE OF MISSOURI

September 16, 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 New rulemakings for the following regulations:

- **20 CSR 4240-21.055** Distributed Energy Resource Analysis Requirements
- **20 CSR 4240-21.060** Alternative Resource Plan and Preferred Resource Plan Requirements
- **20 CSR 4240-21.065** Implementation Plan Development and Reporting Requirements

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 blue ink that reads "Lowell Pearson".

Lowell Pearson
General Counsel

**AFFIDAVIT
PUBLIC COST**

**STATE OF MISSOURI)
)
COUNTY OF COLE)**

I, Rodney Massman, General Counsel of the Public Service Commission, do declare that it is my opinion that the cost of proposed rule 20 CSR 4240-21.055 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 9th day of September, 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

Title 20 - DEPARTMENT OF COMMERCE AND INSURANCE
Division 4240 - Public Service Commission
Chapter 21 - Resource Planning for Electric Utilities

PROPOSED RULE

20 CSR 4240-21.055 Distributed Energy Resource Analysis Requirements

PURPOSE: This rule establishes the minimum standards for the scope and level of detail required for the distributed energy resource analysis.

(1) Distributed energy resources (DER) database.

(A) For those systems that have applied for interconnection to the electric utility, the electric utility shall create and maintain a database of information on DER and distributed energy resource aggregation (DERA) for purposes of evaluating current penetration and planning for future changes in the levels of DER, containing at a minimum the following information:

1. Existing DER and DERA interconnected to the electric utility's distribution system regardless of ownership;
2. Information characterizing the interconnection location by distribution circuit;
3. Sum of DER capacity for each circuit and annual peak load of each circuit; and
4. Identification of the relevant interconnection standard that specifies DER performance capabilities such as voltage regulation, grid disturbance ride-through, and interoperability communication protocols.

(B) To the extent that the electric utility is not in possession of all of the information required, the electric utility shall state which information it does not possess and why, and how the electric utility plans to obtain the information for future integrated resource plan (IRP) filings.

(2) DER adoption potential study.

(A) The electric utility shall describe and document, at a minimum, potential DER and DERA within the electric utility's service territory over the planning horizon.

(B) With respect to all DERs, except electric utility-incentivized DER, the electric utility may satisfy the study requirement by relying upon assessments developed as part of the electric utility's supply-side resource analysis pursuant to 20 CSR 4240-21.035, the electric utility's transmission and distribution analysis pursuant to 20 CSR 4240-21.040, and/or the electric utility's demand-side resource analysis pursuant to 20 CSR 4240-21.050, provided that references to such analyses are included in the study.

(3) Evaluating DERs as part of the IRP filing.

(A) If not fully covered by the electric utility's DER Adoption Potential Study, the electric utility shall include in the IRP filing the methodologies used to develop low, medium, and high DER penetration scenarios separately for DERs the electric utility sponsors and those that are non-electric utility sponsored, including:

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1. Subjective probabilities;
2. Adoption rates;
3. Geographic deployment assumptions;
4. DER and DERA load profiles; and
5. Any other relevant assumptions factored into the DER penetration scenario.

(B) The electric utility shall describe and document the evaluation of the DER penetration scenarios developed in subsection (3)(A) and integration of DER and DERA onto the electric utility's distribution system.

(C) The electric utility's evaluation shall consider system reliability, beneficial modification of customer energy consumption, potential need for additional distribution assets, and changes to supply-side resource additions.

(D) The electric utility shall provide an estimate of the reduction or increase in transmission and distribution line losses as a result of DER deployment. The electric utility may focus its analysis on portions of its transmission and distribution systems based on factors including, but not limited to, the need for location-specific upgrades.

(E) The electric utility shall provide a cost-benefit analysis of deployment of DERs or DERAs as an alternative to traditional resources.

AUTHORITY: sections 386.040, 386.250, 386.610, 393.140, RSMo 2016, and section 393.1900, RSMo Supp. 2025. Original rule filed _____, 2026.

PUBLIC COST: This proposed rule will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rule is estimated to cost private entities up to one million, three hundred and fifty thousand (\$1,350,000) in the aggregate in year-one and up to \$600,000 annually for the remaining life of the rule.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file comments in support of or in opposition to this proposed rule 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 December 2, 2026, and should include a reference to Commission Case No. EX-2027-0085. 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 rule is scheduled for December 15, 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 rule 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.

**FISCAL NOTE
PRIVATE COST**

- I. Department Title: Title 20--DEPARTMENT OF COMMERCE AND INSURANCE
Division Title: Division 4240—Public Service Commission
Chapter Title: Chapter 21— Resource Planning for Electric Utilities**

Rule Number and Title:	20 CSR 4240-21.055 Distributed Energy Resource Analysis Requirements
Type of Rulemaking:	Proposed Rule

II. SUMMARY OF FISCAL IMPACT

Estimate of the number of entities by class which would likely be affected by the adoption of the rule:	Classification by types of the business entities which would likely be affected:	Estimate in the aggregate as to the cost of compliance with the rule by the affected entities:
4	Investor-Owned Electrical Corporations	\$ 1,050,000 to \$ 1,350,000 in year one (1) and \$300,000 to \$600,000 annually for the remaining four-year (4-year) life of the rule.

III. WORKSHEET

The rule will likely affect four (4) electrical corporations (investor-owned electric utilities). Staff requested input on the anticipated cost to implement the proposed rule from the affected electrical corporations. The feedback that was received was that the proposed rule would have a \$ 1,050,000 to \$ 1,350,000 cost for the electrical corporations to implement.

IV. ASSUMPTIONS

Staff relied on the input from the four (4) electrical corporations to determine the estimated fiscal impact of this proposed rule.

In accordance with the Commission's May 22, 2026, order, all four utilities submitted rule comments and estimated costs to comply. The low estimate is based on Ameren's compliance costs estimates. The high estimate is undetermined due to lack of information.

Ameren submitted rule comments and cost of compliance information through the Commission's electronic filing system on June 22, 2026. Staff carefully considered Ameren's rule comments and made significant responsive changes to the rule language. On July 31, 2026, Ameren emailed Staff updated cost estimates based on the revised rule language.

Liberty-Empire submitted rule comments and cost of compliance information through the Commission's electronic filing system on June 22, 2026. Liberty-Empire stated that it could not estimate the cost of a process that has never been undertaken, but the prescriptiveness of the new requirements will result in a significantly higher cost to comply. Staff carefully considered Liberty-Empire's rule comments and made significant responsive changes to the rule language.

Evergy submitted rule comments and cost of compliance information through the Commission's electronic filing system on June 22, 2026. Evergy stated that the prescriptiveness of the new requirements will drive significant costs to comply. Staff carefully considered Evergy's rule comments and made significant responsive changes to the rule language.

Costs for this rule are associated with developing a database of distributed energy resources and includes labor, software costs, and ongoing software maintenance.

Assumptions:

- Rule life: 5 years.
- Annual labor cost: \$100,000 - \$200,000
- One-time software cost: \$250,000
- Number of electric utilities: 3 (Ameren Missouri, Evergy, Liberty-Empire)

Calculation:

Low total cost for all 3 utilities = $(3) * (\$100,000 + \$250,000) = \$1,050,000$ year-one

High total cost for all 3 utilities = $(3) * (\$200,000 + \$250,000) = \$1,350,000$ year-one

Low total cost for all 3 utilities = $(3) * (\$100,000) = \$300,000$ annually years 2-5

High total cost for all 3 utilities = $(3) * (\$200,000) = \$600,000$ annually years 2-5