



Evergy Missouri Metro
Case Name: 2026 Evergy MO Metro Rate Case
Case Number: ER-2026-0143

Requestor Alvarez P -
Response Provided June 09, 2026

Question:5007

Refer to the response to OPC 2015 (c) and (d), which indicate the Company replaced 94 substation breakers during 2021-2025.

- a. Describe the Company's substation breaker replacement program. Provide the approved capital spending request and all associated materials for the capital expenditures made under this program. If completed annually, provide the approved capital spending requests by year from 2021-2025.
- b. Refer to the Company's response(s) to subpart (a) above. Provide each and every benefit-cost analysis the Company completed and indicate which of them showed that the benefits of the program were likely to exceed the costs. If the Company completed no such analysis, please explain why not.
- c. Provide a list of substation breaker replacement projects the Company 1) placed into service since the Company's last rate case through the end of the test year in this case; and ii) has placed, or expects to place, into service during the post-test year period. For each project please provide:
 - i. The year and month the project was placed, or that it is projected to be placed, into service.
 - ii. The capital cost of the project.
 - iii. The alphanumeric identifier for the project's substation or circuit such that the identifier matches those used in your responses to OPC 2004 and OPC 2006.
 - iv. Your justification(s) for why the breaker replacement was required for safe and reliable service.
 - v. The 'score' for the asset replaced or the project (from Asset Lens?).
 - vi. The inputs into each of the six score drivers (as described in the Company's response to OPC 2020).
 - vii. Each and every benefit-cost analysis completed on the project (including workpapers, assumptions, inputs, etc.)

RESPONSE: (do not edit or delete this line or anything above this)

Confidentiality: PUBLIC

Statement: This response is Public. No Confidential Statement is needed.

Response:

a.) The Company's substation breaker replacement program is designed to proactively and opportunistically replace aging, obsolete, or high-risk equipment with modern breaker technology to support safe and reliable system operation. Replacement candidates are identified based on a combination of asset condition, operational risk, and obsolescence factors, including:

- End of useful life
- Equipment obsolescence and lack of available spare parts or manufacturer support
- Breaker manufacturer or model with known reliability or performance concerns
- Failure or emergent replacement needs
- Coordination with larger capital projects or substation upgrades

The program incorporates both planned replacements, based on asset evaluation, and opportunistic replacements performed in response to in-service failures or as part of broader system improvement projects.

The Company conducts asset replacement activities as part of its broader capital investment programs. Capital expenditures are generally approved at the project level and often encompass multiple asset types within a single scope.

In addition, the Company maintains certain asset-specific funding authorizations for replacement activities. However, these authorizations capture only a portion of total expenditures. A substantial number of asset replacements are performed within larger, multi-scope capital projects (e.g., facility upgrades or system improvements), and associated costs are not separately tracked or reported by individual asset type.

Accordingly, the Company does not maintain capital spending requests or reporting specific solely to individual asset types.

b.) The Company did not complete any formal benefit-cost analyses for the program described in response to subpart (a) and, therefore, has no analyses indicating that the benefits of the program were likely to exceed costs.

As described in subpart (a), the Company's approach to breaker replacement is based on asset condition, operational risk, and obsolescence considerations, including end of useful life, lack of manufacturer support or spare parts, known reliability concerns with specific breaker models, and emergent failure conditions.

Accordingly, replacement decisions are supported by engineering judgment and asset management practices rather than formal economic modeling.

The primary benefits of the program include reducing the risk of in-service failures, avoiding unplanned outages, and maintaining safe and reliable system operations.

While these benefits are significant, they are not readily quantifiable on a project-specific basis and therefore have not been evaluated through a formal benefit-cost analysis framework.

c.) (Response for i. - ii.)

See response to subpart (a.).

- iii.) Not applicable. These substation breaker projects are not tracked or reported in a manner consistent with OPC 2004 and OPC 2006.



- iv.) Asset Lens is not utilized in the evaluation or prioritization of substation breaker replacement projects; therefore, no such score is available.
- v.) The inputs to each of the six score drivers are described in the Company's prior response to OPC 2020, which outlines the data and considerations underlying each driver.
- vi.) See response to subpart (b.).

Information provided by: Jesse Whipple

Attachment(s):

Missouri Verification:

I have read the Information Request and answer thereto and find answer to be true, accurate, full and complete, and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request(s).

Signature /s/ *Brad Lutz*
Director Regulatory Affairs