

Name: Mitchell Myhre

Company: Alliant Energy

Email: mitchellmyhre@alliantenergy.com

Title: Generation Replacement Process Enhancement

Description: The continued retirement of resources in the MISO footprint is driving a need for replacement resources to help maintain system reliability. A potential efficient and cost-effective way for resources to be added to the system is using the generation replacement process. The current MISO replacement process, however, is overly conservative with how an electrically equivalent Point of Interconnection (POI) is determined for a replacement resource. This can create inefficient resource planning, duplicative system development and unnecessary costs for customers.

Is the proposed issue related to an existing issue in any way?: Yes

Is it dependent on the completion of an existing issue or the deployment of a specific technology?: No

Is this a new or modified issue? If modified, what is the issue tracking ID?: New

Modified Issue Tracking ID:

Is there a specific deadline for resolution?

Impacted Markets:

Other or Additional Market Impacts:

Resource Adequacy:

Other or Additional Resource Adequacy Impacts:

Reliability:

Other or Additional Reliability Impacts:

Planning and/or Cost Allocation: Transmission, Grid Resilience, Other/Additional

Other or Additional Planning or Cost Allocation Impacts: Generation Replacement Process

Proposed Solutions: MISO should permit replacement POIs that are not at the exact retiring resource substation position but demonstrated to be electrically equivalent and neutral to projects in the interconnection queue. This can be accomplished by simply allowing replacement requests to submit a demonstration that a requested POI is electrically equivalent. This demonstration can consist of a material modification or shift factor analysis that shows a proposed POI is electrically the same as the existing POI and neutral to generation interconnection customers.