



# Consideration of Zero-Injection GIA

Planning Subcommittee

December 3, 2025

Updated: 12-5-2025  
Slide 5 graphic

# Purpose & Key Takeaways



## Purpose

In preparation for 2026 efforts to facilitate large loads, MISO proposes moving PAC-2024-4 from the Planning Subcommittee (PSC) to the Planning Advisory Committee (PAC) meeting

## Key Takeaways

- MISO is enabling timely and reliable large load integrations through existing processes and will further develop its framework in 2026, beginning with a stakeholder workshop to outline current internal thinking and framing approach
- Moving PAC-2024-4 will help facilitate a more robust and timely discussion of potential solutions
  - PAC-2024-4 Topic: Market Participation and Registration of Co-Located Load and Generation (behind the same Point of Interconnection)
- Exploring a “Zero Injection GIA” hypothesis around interconnection agreement and coordinating ruleset that combine co-located load and generation could bring speed to load interconnection studies

# In 2026, MISO will continue its focus on enabling large loads, starting with a stakeholder workshop to help frame the approach

## 1<sup>st</sup> Stakeholder Large Load Workshop



January 30, 2026

- Outline MISO's current thinking and internal framing of approach to large loads, recognizing ERAS and enhanced EPR process are supporting large loads
- Discuss opportunities and additional framing with stakeholders
- Specific issues will be handled in the appropriate MPEs over the year

# MISO can support large loads today and continues work on processes to facilitate interconnections and meet the needs of states and members

## GENERATION INTERCONNECTION

*Expediting processes to get generation online faster*

### ERAS

Targeted process for generation serving new load

### JTIQ

Facilitates timely future interconnection requests at lower costs

### Interconnection Queue

Enhancements improve standard processes, driving to a 373-day cycle

## CROSS FUNCTIONAL

*Providing continuity across resource and transmission planning*

### GI Options

Standard, provisional, surplus, replacement, and ERAS generation interconnection requests provide options to customers

### Load Forecasting

Improved load forecast capabilities support proactive system planning

### New Tools

Automation provides improved tools for study across processes, enabling more transparency and efficiency

## TRANSMISSION PLANNING

*Evaluating the transmission system to meet near- and long-term system needs*

### MTEP

Transparently review near term needs and evaluate alternatives

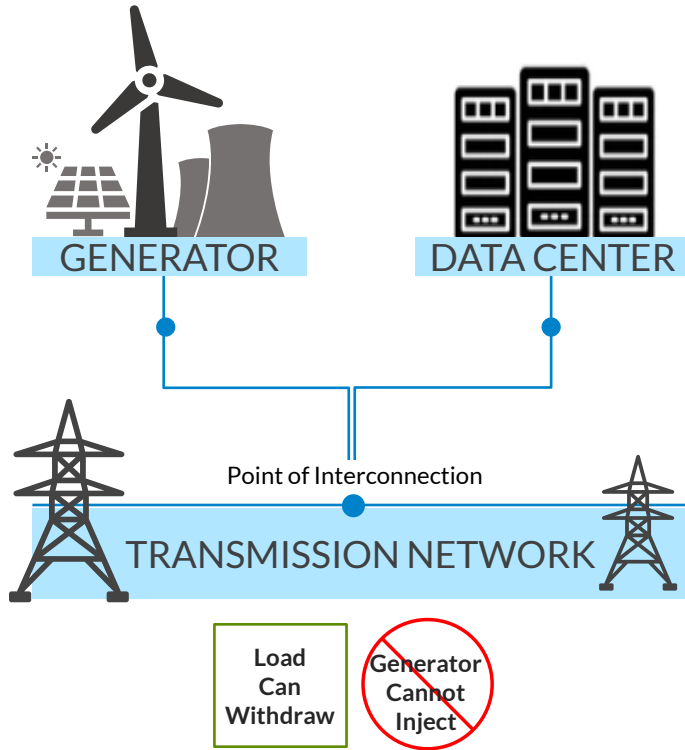
### EPR

Quickly analyze emerging needs, such as large loads, to reliably enable speed to power

### L RTP

Provide a backbone to enable energy and lower total transmission costs

Zero Injection GIA allows for generation to connect to grid, but without the ability to inject – suitable for serving load at the same interconnection point



- Load customers benefit from interconnection studies that recognize on-site generation, potentially reducing network upgrade requirements to interconnect

# MISO asks stakeholders to consider potential risks and potential benefits of Zero Injection GIAs



## Planning and Interconnection Challenges

- Should the scope of interconnection be limited to require load and generation to be located behind the same Point of Interconnection?
- If load and generation are allowed beyond a single Point of Interconnection, what standard should be used to define the scope of allowed deviation?
- How can MISO ensure that the studied resources materializes (is the load study accurate)?



## Operational challenges

- What requirements are needed to ensure proper visibility into load and generation operations?
- What market participant guardrails will properly balance market efficiency with operational security?

# Next Steps

## Feedback



By December 18

- Provide feedback

## PAC Meeting



January 21, 2026

- Engage at January PAC

## Large Load Workshop



January 30, 2026

- Participate in workshop

# Stakeholder Feedback Request

- MISO is requesting feedback on the following questions by **December 18th, 2025**.
  - Should a contractual link between load and generation be required and if so, how could this link be demonstrated?
  - How could a Zero Injection GIA, where load and generation are behind one point of interconnection, facilitate large loads? Alternatively, is a solution needed that allows generation and load to span electrically similar nodes? If so, why?
  - Should MISO plan for the potential outcome where large load construction is completed, but the accompanying Zero Interconnection GIA does not materialize?
  - What planning and reliability risks should be considered as we formulate a solution?
- MISO Dashboard ID#: **PAC-2024-4**
- Feedback requests and responses are managed through the Feedback Tool on the MISO website: <https://www.misoenergy.org/stakeholder-engagement/stakeholder-feedback/>