



Consideration of Zero-Injection GIA

Market Participation and Registration of Co-Located Load and Generation (PAC-2024-4B)

Large Load Working Group

June 29, 2026

Purpose & Key Takeaway

Purpose

To provide stakeholders an opportunity to provide feedback on remaining concerns, and feedback responsive to FERC's recent Show Cause Order.

Key Takeaways

- MISO has developed the ZGIA proposal over the course of the last six months with significant input from stakeholders – we thank you for your patience and effort to work together
- Members have expressed broad support for ZGIA – though some members have specific concerns remaining
- MISO will take stakeholder feedback on the ZGIA proposal given MISO thoughts on open issues, and MISO thoughts on our response to the FERC ruling

Stakeholder Coordination



ZGIA Introduction

PSC Meeting

December 3, 2025*



Development of
Proposal Elements
1 & 2

PAC Meeting:

January 21, 2026

February 25, 2026*

April 22, 2026*

May 27, 2026*



Development of
Proposal Elements
3 & 4

LLWG Meeting:

April 20, 2026*

May 14, 2026*

June 10, 2026



Address FERC Order
and Member Requests

LLWG Meeting

June 29, 2026*



File Tariff

End of July

MISO proposes to file its ZGIA approach consistent with how it was described and summarized at the June 10 Large Load Working Group, with exceptions noted here

Market Registration of ZGIAs

Given stakeholder feedback and FERC guidance, MISO proposes to require ZGIAs whose ZG Associated Load is a Large Load to register as a market resource. ZGIAs that have already been accepted by FERC will be grandfathered.

Time Limited ZGIAs

MISO proposes that ZGIAs will not be time limited. The FERC ruling gives latitude, and contemplates the same trade-off that MISO and stakeholders considered. Given the very limited electrical distance eligible to be considered ZGIA, a time limit is not required and could impact the ability to maintain historic relationships.

MISO proposes that its ZGIA filing as previously described, with the exceptions noted above, **will satisfy the just and reasonable standard** set for resources co-located with Large Loads.

MISO proposes to require ZGIAs whose ZG Associated Load is a Large Load to register as a market resource.

Relevant Selection from FERC Order

96. Moreover, as discussed further below, we are especially concerned that the absence of Tariff provisions addressing transmission and ancillary service rates for Eligible Customers taking transmission service on behalf of Eligible Load creates the potential that Eligible Customers, on behalf of Eligible Load, may not be required to pay for wholesale transmission services that they receive, as required by the cost causation principle. That principle provides that all Commission-jurisdictional rates and charges must “reflect to some degree the costs actually caused by the customer who must pay for them,”²⁰⁵ and that costs must be allocated in a manner that is at least roughly commensurate with the benefits that entity receives.²⁰⁶

- Transmission Service Charges for ZG Associated Load
 - MISO will clarify that loads associated with ZGIAs are firm NITS loads, and must pay for Network Integrated Transmission Service on a gross basis.
- Ancillary and other Service Charges
 - MISO recovers various ancillary and other charges based on market load volume and/or on total transaction volume. By requiring market registration of ZGIAs, reported market volumes of both load and generation will appropriately reflect the benefits to load. See Appendix Slide for example and detail.

Given the limited electrical distance eligible to be considered ZGIA, a requirement to pursue ERIS or NRIS service by time-limiting ZGIAs is not required.

Relevant Selection
from FERC Order

118. MISO should explain whether the Tariff remains just and reasonable without, for example, provisions that establish: or (3) a new generator interconnection service that allows a new generating facility and new large co-located load seeking to interconnect behind the same new point of interconnection with necessary control technologies and/or protection systems, which may include a special protection scheme, to ensure that there is no injection to the transmission system. We note that, with respect to numbers (2) or (3), these approaches could be either interim or permanent. These approaches may not be mutually exclusive.

- The ZGIA solution was developed through extensive stakeholder discussions and tailored to the needs of the MISO footprint. It achieves the balance and goals sought by FERC's 206 Order
 - The tariff considers Points of Interconnection on the same voltage side of the same substation to be electrically equivalent
 - ZGIAs include a requirement to prevent injections beyond a transient tolerance window, including the potential for a special protection scheme
 - Transmission Owner Local Planning Criteria (LPC) may disallow the selection of a specific POI if such POI required a RAS or other scheme disallowed by the LPC

Stakeholder Feedback Request

MISO requests feedback on **ZGIA Proposal Framework (PAC-2024-4B)** by Wednesday, July 15th, 2026.

Please provide feedback on MISO's proposed plan to file ZGIA as presented at the June 10 Large Load Working Group, with the exceptions and differences described in this presentation

Feedback requests and responses are managed through the Feedback Tool on the MISO website: <https://www.misoenergy.org/engage/stakeholder-feedback/>

Next Steps



Provide feedback on
interconnection
process tariff language
(proposal parts 1 and 2)

Due: July 15th, 2026



File Tariff

July 2026

Contact

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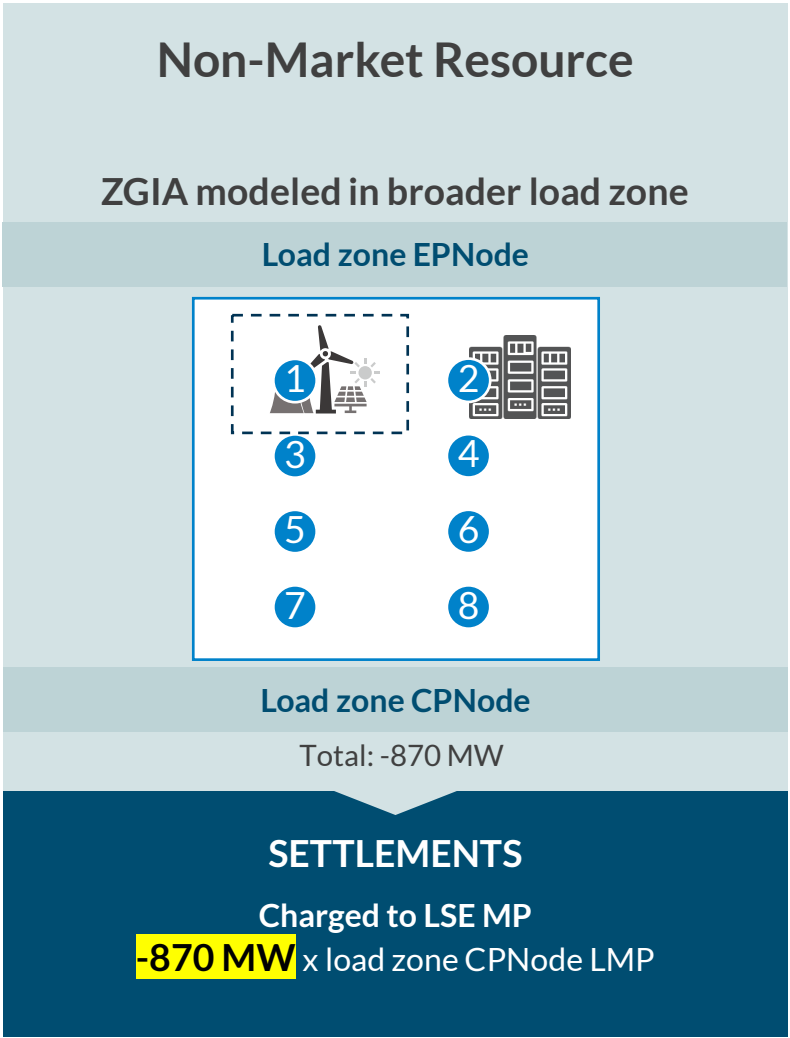
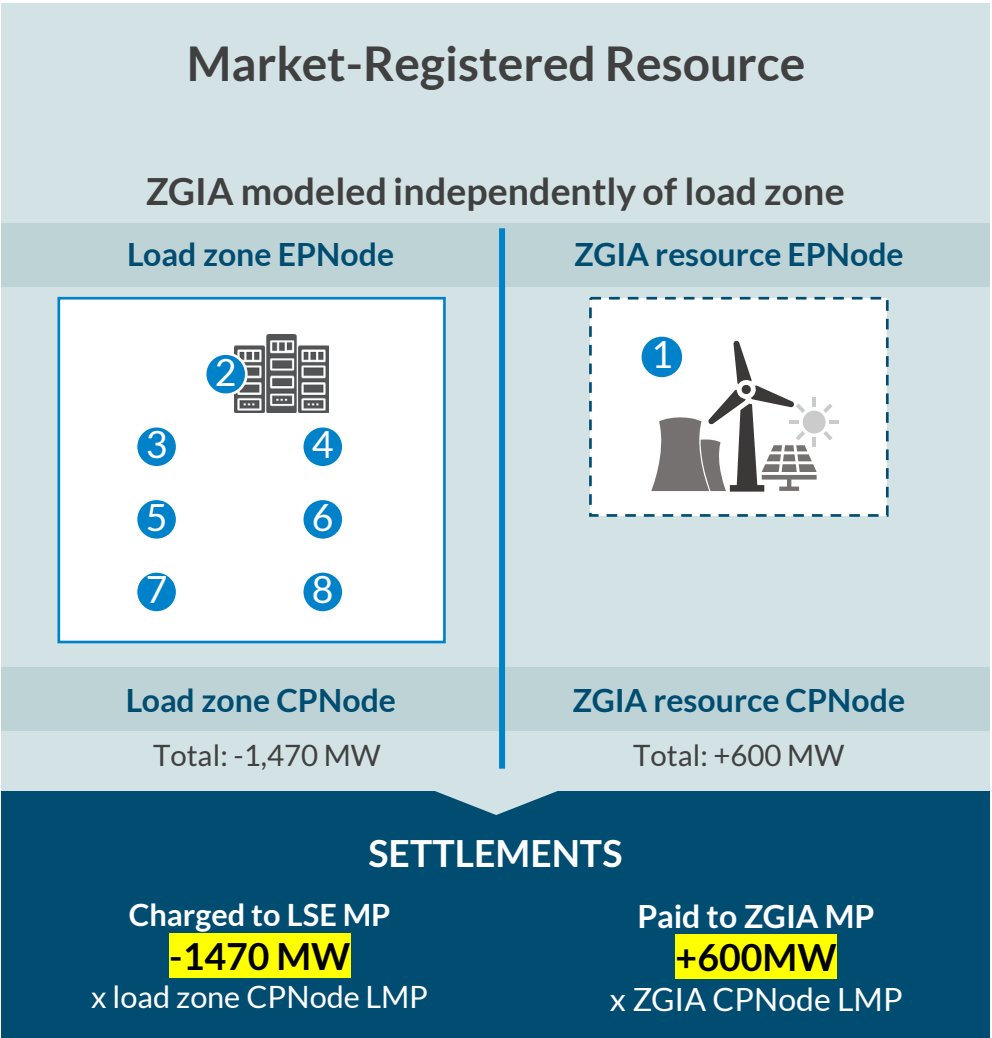
Appendix: Market Registration Examples

Market participation: two approaches to model a ZGIA resource

Nodes

	1	ZGIA EPNode	+600 MW
	2	LL EPNode	-800 MW
	3	EPNode 3	-85 MW
	4	EPNode 4	-100 MW
	5	EPNode 5	-130 MW
	6	EPNode 6	-95 MW
	7	EPNode 7	-110 MW
	8	EPNode 8	-150 MW

Note on highlighted MW Volumes for Settlements:
Market Registration results in accurate MW volumes for both load and gen, appropriately allocating ancillary charges



Regardless of how a ZGIA resource is modeled, independent metering and telemetry of the large load and ZGIA resource will be required, including the following: MW and MVAR values, gen breaker status, voltage level