



Updated slide 9 to reflect that no Tariff changes to Module C and updated links for Module A & Module E-1



Consideration of Zero-Injection GIA

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

Large Load Working Group

June 10, 2026

Purpose & Key Takeaway

Purpose

To review MISO's ZGIA proposal before filing later in June.

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
- Draft Tariff language posted alongside these materials reflect MISO's proposal and have benefited from significant stakeholder feedback
- Feedback from the May LLWG has been incorporated into the posted Tariff redlines, and any additional suggestions from the pending PAC feedback request will be considered before filing

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



File Tariff

June 30, 2026

* Formal Stakeholder Feedback Requested

MISO proposes the following framework for formalizing ZGIAs

ZGIA Proposal Considerations

1

Interconnection process

The ZGIA interconnection process will use familiar Tariff frameworks including those developed for the replacement, surplus, and ERAS processes

2

Planning for the load interconnected with the ZGIA

MISO's planning processes will remain unchanged, reflecting the potential of the ZGIA as a Non-Transmission Alternative, and resulting in full services/obligations of firm NITS load

3

Resource adequacy participation

ZGIAs are similar to other resources that have not been studied for deliverability and will be treated similarly

4

Markets and Reliable Operations

MISO's markets, combined with monitoring of ZGIA injections and associated load withdrawals, will serve to maintain reliable operations of ZGIAs

Although the elements of the framework are written in a decisive style, this is a proposal built from stakeholder feedback, known stakeholder priorities, MISO's reliability responsibilities, and MISO/stakeholder guiding principles

1.

Interconnection Process: Overview

The ZGIA interconnection process will use frameworks currently in place across replacement, surplus, and ERAS processes

- a) ZGIAs will be limited to serving loads at the same substation and voltage level
- b) Elements of the process will resemble the surplus, replacement, and ERAS processes in terms of study aspects, timing, and financial/other obligations
- c) The ZGIA study requirements are elaborated, including the requirement for equipment and/or operational procedures to prevent injections, and to limit them to a 'Transient Tolerance Window' in the event that the load suddenly reduces or trips

2.

Planning for the load: Overview

MISO's planning processes will remain unchanged, reflecting the presence of the ZGIA as a Non-Transmission Alternative, and resulting in full services/obligations of firm NITS load

- a) The ZGIA is included in the MTEP study as a Non-Transmission Alternative and the load study will incorporate the approved ZGIA and the accompanying contractual off-take agreement (see 1b) and will require notice of agreement termination to inform MTEP process of the need for updated study requirement
- b) The MTEP load study will include the outage events of the generator
- c) ZG Associated Load that is studied and eligible for interconnection is a firm network load, obligated to pay for NITS transmission service on a gross basis, and eligible for all the benefits of being a network load, including being served by all MISO resources on any and all transmission paths

3.

Resource Adequacy Participation

- a) A ZGIA resource will be eligible to offset the capacity obligation of the contractually associated local load(s), but will not be able to offset any other loads
- b) It will be accredited based on MISO's currently applicable (and moving forward, filed and approved) accreditation rulesets, according to its asset classification and its resource registration status (e.g., generation resource, load-modifying resource, etc.)
- c) It will qualify for zonal resource credits (ZRCs) that will be limited by either their Schedule 53 Direct Loss of Load accreditation, or the capacity obligation of the local load, whichever is more limiting
- d) Responsive to stakeholder feedback, ZGIA resources must be in a Fixed Resource Adequacy Plan (FRAP) with their associated load

4.

Markets and Reliable Operations

- a) Both the ZGIA resource and its associated load must be independently represented in MISO's network model, and must both be independently telemetered and metered
- b) Since ZGIA resources will be at the same substation as the Associated Load they serve, they will not have an additional market resource registration requirements beyond any already-applicable Tariff rules for that resource type
- c) Market registered ZGIA resources must maintain market offers such that the resource maximum limit is less than or equal to the demand of the associated load
- d) MISO will monitor each ZGIA for injections and will consider substantive charges for any injections; injecting more energy than the resource interconnection service limit can be cause for termination of the interconnection agreement

Required Tariff Changes to Support Interconnection Process and Planning for the Load

Additional Tariff changes to reflect the interconnection and planning elements of the proposal were provided at the May 27 Planning Advisory Committee:

- [Attachment X \(GIP\)](#)
- [Attachment X, Appendix 1](#) (Interconnection Request)
- [Attachment X, Appendix 19](#) (ZGIA) A later filing will merge this back with MISO's *pro forma* GIA—Attachment X, Appendix 6.
- [Attachment FF](#) (Transmission Expansion Planning Protocol)

Additional Tariff changes to reflect the resource adequacy, markets, and reliable operations elements of the proposal were provided at the May 14 Large Load Working Group:

- [Module A](#) (Definitions)
- **Module C** (No changes are required to Module C)
- [Module E-1 & Schedule 53](#) (Changes to effectuate details of Resource Adequacy treatment and the Seasonal Accredited Capacity Calculation to account for ZG Associated Load)