



## Update on 4/21

- Slide 8 – correction on the applicability table
- Slide 9 – alignment with MISO LLWG calendar

## PAC April 2026

PAC: Large Load Definition (PAC-2024-1)

## Purpose

Share revised Large Load definition and associated transition provisions

## Key Takeaways

- Stakeholders voiced support for MISO to develop a Large Load definition (PAC-2024-1) that is practical, easy to implement, and risk-based
- Stakeholders provided suggested revisions and considerations to the Large Load definition and interconnection reliability requirements
- MISO has revised its proposed Large Load definition after considering stakeholder feedback, and has developed transition language to address pending but unbuilt Large Load
- MISO is actively developing tariff language and will provide the updated tariff language at the May 14 LLWG

# Strawman of the Large Load Definition was proposed at the PAC on February 25, 2026

**Draft Large Load Definition:** Any new commercial or industrial facility or aggregation greater than 50 MW at a single site behind one or more points of interconnection.

## 1 Any new commercial or industrial facility or aggregation

- Includes individual facilities (e.g., manufacturing plants, data centers).
- Covers aggregated loads under common ownership or operational control.
- Applies to new additions, not existing facilities unless significantly expanded.

## 2 Greater than 50 MW

- Threshold based on industry precedent.
- Represents the gross peak demand.
- May require verification of expected peak demand during planning.

## 3 At a single site behind one or more points of interconnection

- Defines geographic scope as a single contiguous property or campus.
- Allows for multiple interconnection points serving the same site.
- Ensures coordination of reliability requirements across all interconnections.

# MISO is addressing feedback through adjustments to both the large load definition and requirements

Index	Theme	Large Load Definition PAC-2024-1	Large Load Interconnection Reliability Requirements LLWG-2026-3	Large Load Definition Update
1	MW threshold - What MW level triggers "Large Load"?	X		50 MW is an industry recognized threshold for Large Load Definition <sup>1</sup>
2	Tiered Classification by Interconnection Voltage/System Impact - Should MW thresholds vary by voltage class (e.g., <345 kV vs ≥345 kV) or BES criteria?	X		Specified that interconnection is to the Transmission System
3	Characteristics-Based Screening (Beyond MW) - Add operating/behavioral screens so "Large Load" isn't size-only?		X	Characteristics of large load are best addressed in interconnection reliability requirements
4	Aggregation & Single-Site Determination - How to count MW (single site behind 1+ POIs, common ownership/control, multi-phase builds)	X	X	Expanded description in Large Load definition
5	Applicability, Expansion & Prospective Rules- When does the definition apply (new vs. existing)?	X		Included transitional language in Large Load definition
6	Enforcement Channel - How will MISO enforce the requirements?		X	Continued in LLWG discussion

<sup>1</sup> [https://www.nerc.com/globalassets/who-we-are/standing-committees/rstc/llwg/20260402\\_llwg\\_presentations.pdf](https://www.nerc.com/globalassets/who-we-are/standing-committees/rstc/llwg/20260402_llwg_presentations.pdf)  
PAC: Definition of Large Load Proposal and Requirements (PAC-2024-1) (20260225)

## Updated Large Load Definition based on Stakeholder Feedback

**Large Load** - The Load associated with any commercial or industrial facility or aggregation of such facilities that is owned, operated, or controlled by a single entity or group of entities that will coordinate with respect to the Load profile of the large load, connected to the Transmission System, and that:

- (1) results for the first time after September 1, 2026, in a total load that exceeds 50 MW of total capacity at a single site behind one or more points of interconnection to the Transmission System as further described in the Business Practices Manuals ; or
- (2) for load that already exceeds 50 MW of total capacity as of September 1, 2026, any new facilities or expansion that collectively increases the capacity of the load by 25 MW or more above the value documented as of September 1, 2026, at a single site behind one or more points of interconnection to the Transmission System as further described in the Business Practices Manuals.

Large Load includes any modification, expansion, or addition to existing Load that results in the total aggregated capacity at such single site exceeding 50 MW.

## Applicability of Reliability Requirements to Large Load

**Interconnection Reliability Requirement(s) applicability** – “Large Load” as defined herein shall be screened to determine if it meets one or more of the criteria set forth in [TBD Tariff Sections]. Large Load shall be subject to the reliability requirements set forth in Sections [XXX] only if it meets one or more of the specified criteria for such requirement.

## Draft transition language

**Draft Transition Language:** The Tariff requirements accepted in Docket Nos. ER26\_\_\_\_ shall apply to all requests for new or increased Network Integration Transmission Service (NITS) to serve Large Load that are approved by the Transmission Provider on or after September 1, 2026. Additionally, the Tariff requirements accepted in Docket Nos. ER26\_\_\_\_ and set forth in Tariff Sections [ ] shall apply to Large Loads that have been studied through the MTEP process, but which have not been placed into service as of September 1, 2026, upon NITS registration.

Provided, however, Large Loads that have been studied through the MTEP process but have not been placed into service as of September 1, 2026, shall be exempt from these requirements if the entity controlling such Large Load and/or Co-located Generator has committed, by the in-service date of such Large Load, to implementing one or more configurations, safety equipment, metering, communications technology, and/or operating procedures that will mitigate the impacts to the Transmission System of such Large Load, as determined by Transmission Provider to a degree at least sufficient to avoid system overloads or violations of applicable Reliability Standards.

A load is deemed a Large Load depending on when and if it meets the MW threshold

**Large Load threshold: >50 MW as of September 1, 2026**

Load Status	Considered a Large Load?	Subject to Interconnection Reliability Requirements?
Load in-service prior to effective date	No	No
Not in-service by the effective date, but reflected in MTEP/EPR	Yes, if >50 MW	Yes, <b>with transitional provisions</b>
Not in-service by the effective date and not reflected in MTEP/EPR	Yes, if >50 MW	Yes, <del>with transitional provision</del>

# Next Steps



Review drafts on Large Load definition (PAC- 2024-1) and requirements (LLWG-2026-3) and discuss tariff language

LLWG Meeting:  
May 14, 2026



Update on Large Load Definition (PAC-2024-1)

PAC Meeting:  
May 27, 2026



Review definition and requirements tariff language based off feedback

LLWG Meeting:  
June 10, 2026



Finalize definition and requirements tariff language

~~LLWG Meeting:~~  
~~June 29, 2026~~

## Contact

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# Stakeholders suggest a 50 MW-only threshold should also be risk sensitive

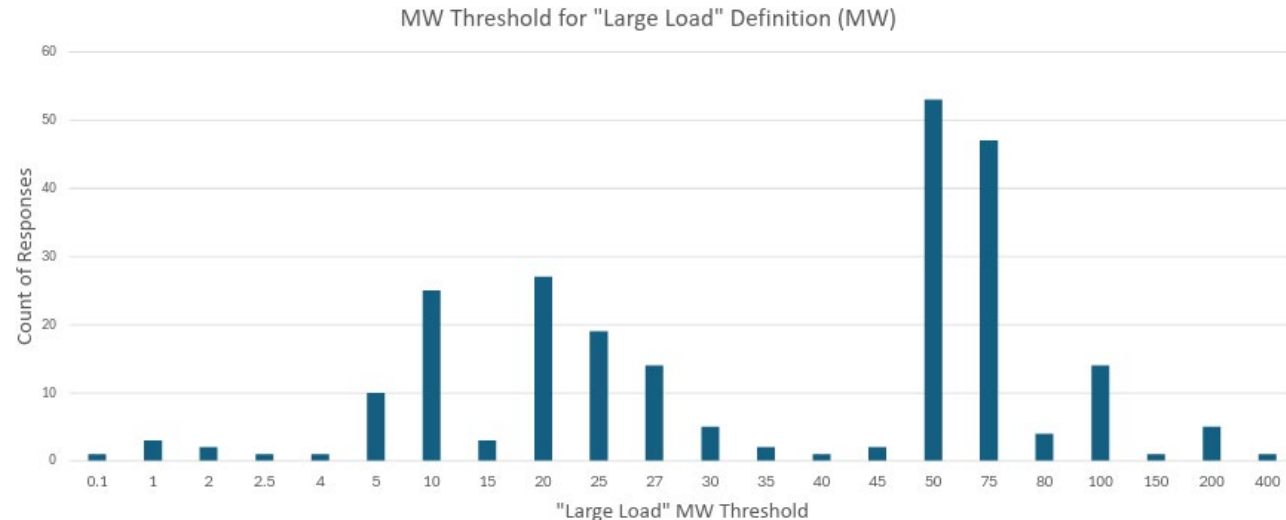
## Theme: MW threshold - What MW level is the criterion "Large Load"?

Response: At this time, there will be no change to the Large Load definition related to this item. This MW level is mid-range of 20-75 MW used by other ISO/TRO across industry. Additionally, the 50 MW level was the most common size threshold response from a recent NERC Level 2 Alert survey\*.

MISO is utilizing a similar size threshold ensures consistency with established planning standards and peer utility practices. Adjusting the threshold at this time could introduce misalignment with broader industry norms and create unnecessary complexity in our evaluation process. For these reasons, we recommend continuing to apply the 50 MW criterion.

### Preliminary Analysis Definitions

NERC



\*[https://www.nerc.com/globalassets/who-we-are/standing-committees/rstc/llwg/20260402\\_llwg\\_presentations.pdf](https://www.nerc.com/globalassets/who-we-are/standing-committees/rstc/llwg/20260402_llwg_presentations.pdf)