



Large Load Application and Study Process (LLWG-2026-7)

Large Load Working Group

August 27, 2026

Purpose & Key Takeaway



Purpose

Review the action MISO is considering in response to the Show Cause Order to document the application and study process

Key Takeaways

- FERC's show-cause order asks MISO to address processes for efficient and fast infrastructure build for new large loads.
- A proposed large load study process harmonizes with the show-cause goals while offering large load customers increased speed and certainty for required network upgrades.
- To support an open and transparent dialogue, MISO is sharing initial considerations to help identify areas that may require further discussion
- Stakeholder feedback is requested by September 10, 2026

FERC’s show-cause order asks MISO to address our processes for studying new loads; meanwhile, recent EPR cycles take longer than the historical 90-day average

FERC’s Show-Cause Goals Point to New Needs	
THEME	NEED
Process	Clear provisions, timely study, defined large load (addressed with large load definition), application fee, report
Network Upgrade*	Criteria, transparency, cost assignment
Operational*	Ongoing requirements (addressed with Interconnection Reliability Requirements), cost recovery
Transparency*	Accessible, filterable data
Speculation*	Avoid speculative requests, require minimum contribution

Refer to paragraphs 59-65

Recent EPR Cycles Take ~100 Days			
Cycle	Complete	Under Study	Average timing
Feb 2026	2,500 MW (9 projects)	100 MW (1 project)	98 days
April 2026	1,995 MW (6 projects)	2,662 + MW (12 projects)	109 days

- The EPR load study process is recently slower due to solution identification of generation or transmission
- Among other goals, FERC asks RTOs to study loads in 60-90 days

*Separate issue addresses cost assignment, cost recovery, some aspects of Transparency and minimum contribution

MISO and stakeholders worked together in 2024 to review and modify the Expedited Project Review process that has been the forum to study large load requests

Existing Process

MTEP Expedited Project Reviews (EPR)

TIMELINE

- ~3 months from submission to approval:
 - ✓ Average of 80 days to study
 - 30 days for transmission-only studies
 - 60+ days for large load studies*
 - ✓ About 1 week to approve
- Study cycles kick off every other month, and stakeholder meetings occur every month

SCOPE

- Aligns with scope and models for traditional MTEP projects, including stability analysis
- Cumulative study process
- Updated models with newly signed GIAs
- As required coordination with neighbors
- Approved projects are rolled into the annual MTEP plan

*Large load study timelines are impacted by the transmission needs, whether coordination is required with our neighbors, and other load requests in the area

MISO is updating and renaming the load-specific process to integrate new FERC requirements, incorporate enhancements from broader large-load efforts, and preserve the core functions that have long supported reliable load integration

Proposed New Process
MTEP Large Load Project Reviews (LLPR)

TIMELINE	REQUIREMENTS	SCOPE
• ~4 months from submission to agreements and approval: ✓ Study work anticipated to take 90 days ✓ 30 days for agreements and final approval • Study cycles kick off every quarter, and stakeholder meetings occur every month • Opportunity to extend timeframe if additional transmission solutions are required, or resubmit	• Similar requirements as submission form today (appendix) • Application fee • Electric service agreement LSE / TO • EMT study or additional deposit • Documentation of alternative transmission technologies considered • Additional requirements from Interconnection Reliability Requirements	• Aligns with scope and models for traditional MTEP projects, including stability analysis and scope from Interconnection Reliability Requirements • Cumulative study process, updated models with newly signed GIAs, as required coordination with neighbors • Approved projects are rolled into the annual MTEP plan

*Large load study timelines are impacted by the transmission needs, whether coordination is required with our neighbors, and other load requests in the area

FERC also identified specific required study outcomes, including a report

- *Today*: the outcome of the study process is the stakeholder presentation (TSTF), PAC comment period, MTEP approval
- *Proposed*: MISO is considering how to develop the required study report and outcome set
 - Study assumptions
 - Scope
 - Outcomes (TSTF today)
 - Specific documentation of ATT / GETs that is provided at submission

[EPR TSTF Monthly Meeting](#)

Stakeholder Feedback Request

- MISO requests feedback on **Large Load Application and Study Process (LLWG-2026-7)** by September 10, 2026
 - Please provide feedback on the following:
 - The proposed Large Load Project Review requirements and scope
- Feedback requests and responses are managed through the Feedback Tool on the MISO website: <https://www.misoenergy.org/engage/stakeholder-feedback/>

Next steps and open items

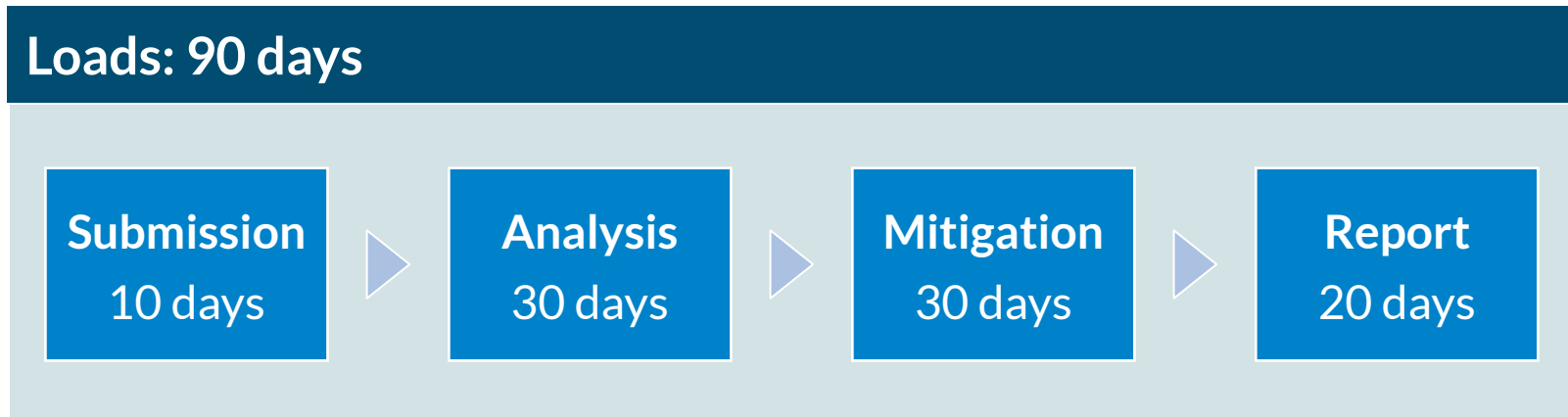
- Further discussion around relationship between eligible customer / transmission service and the MTEP process
- Discussion on the pro forma provisions in a transmission service agreement between MISO and the transmission customer taking transmission service on behalf of a large load to memorialize the above terms (e.g., equipment requirements, data requirements, remote disconnect capability)
- MISO will consider further enhancements as required for the process as the Cost Shifting Risk Among Transmission Customers (LLWG-2026-8) issue matures



Contact
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Appendix

Sample timeline



The existing Expedited Project Review Request serves as the basis of requirements that will be further enhanced in response to SCO and considering IRR

Expedited Project Review Request

Please complete the following information:

Transmission Owner's / Constructing Entity's Name	
Project Name	
Project Description	
Load Type (if applicable)	
Cost	
Reason for Requesting Expedited Review	
Required In-service Date of Project (ISD)	
Expected lead-time from start of major expenditures to in-service date	
Requested date for inclusion in current cycle MTEP	

Supporting Data Required for Valid Request

Please Specify Status of Supporting Data Submitted to MISO

	INCLUDED or DATE Data to be Submitted	File name or MOD Proj Name
Submission of Transmission Owner planning study		
Submission of project into MISO Project Database (include related MTEP project IDs)		
Submission of model updates to Model on Demand (MOD)		
Submission of available additional information supporting the in-service date requirement		
Dynamic Study – composite load model for any load change		
Contingency Update File		
Monitored Element Update File		
One-Line diagram update		
Load Ramp Schedule		

Existing form