



MISO 2025 Long-Term Load Forecast Pilot Survey:

Frequently Asked Questions (FAQs)

On September 25th, 2025, MISO released its [Long-Term Load Forecast \(LTLF\) Pilot Survey](#) that asks its stakeholders to provide more detailed historical and forecast data on technologies, loads, and resources across the MISO system.

Frequently Asked Questions

Q: What is the 2025 LTLF Pilot Survey? How will MISO use the information gathered through this pilot survey?

A: The Load Pilot Survey is designed to assess stakeholder readiness to share more detailed load data, particularly for large and emerging loads like data centers and industrial facilities. This effort supports improved forecasting, operational planning, and system reliability. By piloting this approach, MISO aims to identify what data is most useful and practical to collect.

Stakeholder inputs from this pilot will be leveraged in two near-term efforts:

- 1.) LTLF Refresh Process:** Survey responses will support the release of an updated MISO peak and energy load forecast which will include driver level breakdowns at the Local Resource Zone (LRZ) level. Stakeholders have previously requested that MISO incorporate stakeholder-provided data into its load forecasts, following the release of the 2024 MISO LTLF. The enhanced granular load inputs will help ensure the LTLF process accurately reflects the expected load growth across various driver categories and is properly allocated across LRZs and local balancing authorities (LBAs). This level of detail will also support the creation of geographically specific load profiles, offer deeper insights into the underlying load drivers, and improve the accuracy of modeling evolving demand patterns across the MISO footprint.
- 2.) Long Range Transmission Planning (LRTP) Large Load Siting Process:** Rapid growth in large loads has prompted MISO to initiate a large load siting effort. Stakeholders are encouraged to share planned large load development insights that align with recent large load announcements ([Additional Information on Large Load Facilities](#)). While the data may be used to support other MISO planning processes, any such use will be discussed with stakeholders in advance. For example, the upcoming LRTP large load siting effort will be reviewed in detail during an upcoming Futures Workshop.

This pilot also supports MISO's broader goal of streamlining data collection to better align forecasting across planning horizons and enhance stakeholder engagement. Early stakeholder feedback will inform the design structure and requirements of future efforts aimed at reducing redundancy, minimizing stakeholder burden, and creating a more efficient, transparent, and value-driven data collection process for future planning cycles.

Q: How long will the survey be open?

A: The 2025 MISO LTLF Pilot Survey is open through November 7th, 2025. Stakeholders needing additional time should contact MISO at StrategicInsights@misoenergy.org.

Q: What information is MISO requesting as part of this survey?

A: MISO is requesting the following data. For more information on how to respond to this survey, we recommend the respondent refer to the “Instructions” tab found in the survey workbook:

- Historical Data
- Existing and Planned Large Loads (including Data Centers)
- Member System Peak Demand Forecast
- Member System Energy Forecast
- Electric Vehicles
- Distributed Generation (DG) and Storage
- Demand-Side Management (DSM) and Energy Efficiency (EE) Programs.
- Demand Response (DR)

Q: How is confidentiality maintained on the information provided through MISO's 2025 LTLF Pilot Survey?

A: If stakeholders prefer that the data provided through MISO's 2025 LTLF pilot survey be considered confidential, they can indicate this in the provided “Assumptions” fields, or as a note provided with the final survey submission. Any data provided by this survey and reported outward by MISO will be done so at the LRZ-level, regardless of its indicated level of confidentiality.

Q: What happens if a stakeholder does not respond to MISO's 2025 LTLF Pilot Survey? What data will be used instead? Is it a requirement that I respond to this survey?

A: While MISO encourages full participation to improve forecast accuracy, participation is voluntary. Non-response will not exclude a stakeholder's load data from MISO's LTLF Refresh. When stakeholder-submitted data is unavailable, MISO will use load information gathered through other channels, including third-party sources, to inform its forecasts.

Q: Why is MISO asking for such detailed information on large loads and data centers?

A: MISO is requesting detailed information on large loads and data centers to support improved forecasting, and to increase situational awareness of operational planning. As large loads like data centers become more prominent on the system, it is important that MISO's load forecasting processes accurately account for these facilities.

Q: How should I report large loads or data centers which are not certain of being developed?

A: Please use the “Confidence in Large Load or Data Center Materializing” column in the “Planned LL & DC” tab of the survey to categorize the likelihood of prospective large loads according to the provided “High”, “Medium” and “Low” confidence framework described below:

High Confidence	Interconnection agreements are in place, regulators are aware, and project construction is underway.
Medium Confidence	The project has been submitted through a MISO planning process, or has been publicly announced, but construction has not yet begun.
Low Confidence	The project has not been submitted through any MISO planning process; it may be reflected in Integrated Resource Plans (IRPs) or remain at a conceptual stage.

Additional detail on how to accurately report these prospective load projects can be found in the “Instructions” tab of the survey.

Q: I cannot provide the information that MISO is requesting. What should I do?

A: MISO strongly encourages stakeholders to provide the most accurate and complete data available in response to this survey. If certain data cannot be provided, or if the data that you can provide is in a format that is different than what MISO is requesting, please include relevant context or explanation in the “Assumptions” fields or as a note in your submission. This helps MISO understand any limitations and informs future improvements to stakeholder data collection efforts. If stakeholders have data that is alternative to that which MISO is requesting in the survey, but which stakeholders believe may be useful to MISO’s LTLF Refresh, please contact MISO at StrategicInsights@misoenergy.org.

Q: When will the results of MISO’s LTLF Refresh be posted and at what granularity will these results be reported?

A: The results of MISO’s LTLF Refresh will be posted in Q1 2026 and will be reported at the LRZ-level.

Q: How is this request different than the Module-E Capacity Tracking (MECT) Tool data submission portal?

A: The Module-E Capacity Tracking (MECT) Tool data submission portal asks stakeholders to provide energy for load forecasts and non-coincident peak load and coincident peak factor values for use in the development of MISO's Planning Resource Auction (PRA). Compared to the data collected through the MECT portal, which gathers data at both monthly (first 2 years) and seasonal (remaining 8 years) frequencies, the 2025 MISO LTLF Pilot Survey requests stakeholders submit peak demand and energy forecasts on a consistent monthly basis over the 20-year forecast period. Standardizing the collection of peak forecast submissions through direct monthly data collection eliminates the need for weighting assumptions, reduces processing inconsistencies, and improves forecast reliability.

When responding to this survey, ***stakeholders should provide data consistent with their MECT submission but reported at a monthly frequency over the requested 20-year period.*** Data collected through MISO's 2025 LTLF Pilot Survey will not be used in the development of any PRA results. Stakeholders should continue submitting the required information through the MECT portal, as it remains essential to MISO's PRA process.

Q: Are the load values reported through this pilot going to be used in the OMS-MISO survey results?

A: No. The OMS-MISO survey results provide a forward-looking view of resource adequacy across the MISO footprint by using the MECT portal's stakeholder load submissions data and stakeholder submissions gathered through OMS-MISO Survey on existing generation resources, expected retirements, planned additions (including renewables, gas, and storage), demand-side resources, and imports. The data gathered through MISO's 2025 LTLF Pilot Survey will not be used in the PY 26/27 OMS MISO survey results.

Q: Are the load values reported through this pilot going to be used in the reliability planning processes for transmission?

A: No. Load submitted by Transmission Owners for the purpose of planning transmission for reliability planning purposes will be unchanged. Data submitted as part of this pilot will be used to provide visibility on future planning needs but won't be directly used in NERC compliance studies.

Q: What does it mean when MISO requests net load for system peak and energy forecasts, and how should the transmission and distribution losses be accounted for in those submissions?

A: MISO is requesting peak demand and energy forecasts on a net load basis. This means your forecasts should already account for expected reductions in load due to DG and storage, DSM, and EE, and DR resources. MISO requests that distribution losses should be included in your forecasts and transmission system losses should be excluded in the submitted net load values. This means your net load forecasts should *include distribution losses (added), but not transmission losses (reduced)*.

Q: What does MISO mean by load modifiers and how should these be accounted when submitting system peak and energy forecasts to MISO?

A: Load modifiers are resources or programs that reduce or offset electricity demand from the grid and are typically factored out when submitting net load forecasts. In other words, the values you provide should exclude the load that is expected to be offset or reduced by these “load modifiers.” Load modifiers can be thought of as a subset of “distributed energy resources” (DERs) as defined under MISO’s as-filed Tariff language approved by the Federal Energy Regulatory Commission (FERC) [[Module A, page 44](#)]. To help MISO interpret your data accurately, please use the “Assumptions” box in the survey to describe your methodology. Clearly state any assumptions about DG, DSM, EE, or DR impacts, especially if they differ from MISO’s requested format or expectations.

Q: Why is MISO asking for information on resources not registered in MISO’s PRA process?

A: While MISO is requesting peak demand and energy forecasts on a net load basis that should already account for expected reductions in load due to DG and storage, DSM, and EE, and DR resources, MISO is also requesting data on those currently outside MISO’s operational visibility, meaning they do not currently participate in the MISO PRA, they do not currently interface with MISO operations, or are not currently considered controllable or dispatchable by MISO. This information will help MISO better understand net load shape diversity and regional impacts.

Q: I require clarification on or have a question regarding MISO’s 2025 LTLF Pilot Survey. Where can I ask this question?

A: For questions or clarifications on MISO’s 2025 LTLF Pilot Survey, please contact StrategicInsights@misoenergy.org.

Q: I am finished with the 2025 LTLF Pilot Survey. How do I submit my completed survey?

A: Once completed, stakeholders can email the 2025 LTLF Pilot Survey to StrategicInsights@misoenergy.org.