

LMR Registration FAQ & Guide: Load Modifying Resource (LMR) Availability Filing Update & Guidelines

A December 2018 filing by MISO will allow MISO to more effectively access the capabilities of LMRs that MISO operators are depending upon to maintain the resilience and reliability of the grid. The filing will change verification and notification requirements for LMRs participating in the Planning Resource Auction.

Below are a series of questions MISO anticipates fielding along with answers to assist LMR owners to navigate these upcoming changes for registering LMRs should FERC accept MISO's filing.

When does MISO expect FERC action on the "LMR Filing" (FERC Docket ER19-650-000)?

MISO is expecting FERC action, such as an Order by February 20, 2019.

What information is MISO requesting from LMR owners?

As per the filing, MISO is asking for LMR owners to submit the following information reflecting the LMR's actual physical capability, limited by regulatory or contractual restrictions into an online registration survey:

1. Monthly Availability (megawatts)
2. Notification time

Verification documentation of this information should be uploaded to MECT, if required.

How do I know if I'm required to submit *additional* verification documentation?

- A. LMRs that are available at least 9 months of the year and have a required notice time of 2 hours or less will not need to submit verification documentation.
- B. LMRs available less than 9 months but equal to or higher than 6 months or have required notice time greater than 2 hours but less than 6 hours will be required to submit verification documentation within two (2) business days upon MISO's request.
- C. LMRs that are available less than 6 months of the year or have a 6 hour or greater required notice time must submit the verification documentation as part of their registration.

Available (Months)	Verification Documentation Required?
≥ 9	No
$6 \leq \text{Available} < 9$	Upon Request
< 6	Yes

Notification (Hours)	Verification Documentation Required?
≤ 2	No
$2 < \text{Notification} < 6$	Upon Request
≥ 6	Yes

LMR Registration FAQ & Guide: Load Modifying Resource (LMR) Availability Filing Update & Guidelines

What documentation is being requested for verification?

Market Participants would upload verification documentation into the MECT tool that would include:

1. Attestation by senior employee describing physical capability of LMR
2. LMR operational characteristics or seasonal load output
3. Timeline from notice to output
4. Regulatory or contractual limitations

Documentation could include a copy of relevant portions of a retail tariff, a copy of an applicable contract highlighting the limitation.

When will LMR owners be required to submit this information?

MISO asks that they make their submission as soon after the FERC Order as possible to allow for processing and approval prior to the Auction.

Market Participants must submit required documentation by:

- March 1st, 2019 – should FERC accept the filing
 - The existing Tariff due date is February 1st, 2019
- MISO has requested that the LMR registration deadline be extended to 3/1 from 2/1 for LMRs participating in the PRA and those included in a FRAP. Additional LMR deadline adjustments are shown in the table below, pending FERC acceptance.

<u>Activity</u>	<u>Current deadline</u>	<u>Deadline if waiver approved</u>
Register existing LMRs	2/1	3/1
Register new LMRs to be used in a FRAP	2/15	3/1
Register new LMRs not used in a FRAP	3/1	3/1
MISO review of LMRs included in a FRAP	5 th business day of March	3/13
FRAP submission deadline	7 th business day of March	3/15
Notification of insufficient ZRCs if opting out of PRA via submission of a FRAP	3/15	3/20
Notify LMRs of registration outcomes not used in a FRAP	Good faith effort by 7 th business day of March	3/22

LMR Registration FAQ & Guide: Load Modifying Resource (LMR) Availability Filing Update & Guidelines

Where do LMR owners register under the new tariff filing and/or submit this required information?

MISO has developed an LMR registration survey that can be accessed via the MISO website on the Resource Adequacy webpage.

<http://www.misoenergy.org/planning/resource-adequacy>

If verification documentation is required, the documents will be uploaded by the Market Participant into the MECT for the specific LMR being registered.

Do I have to wait until March 1 to register using the online survey?

No, MISO encourages LMRs to go ahead and register once the registration link is live.

What if I have more than one start up notification times?

Enter your actual physical or regulatory/contractually limited notification time, whichever is the more limiting. For example, if you have a physical notification time of 1 hour, but you have a contract that limits you to a 4 hour notification time, then your notification time would be 4 hours.

What if our company chooses to include the LMR in a Fixed Resource Adequacy Plan (FRAP)?

MISO has requested that the LMR registration deadline be extended to 3/1 from 2/1 for LMRs participating in the PRA and those included in a FRAP.

What if I already submitted an LMR for registration in the MECT tool prior to this additional registration survey?

LMRs that have already registered in the MECT tool under the existing Tariff may amend their registration if additional information is required from the FERC order acceptance. If no additional documentation is required after completion of the LMR Registration survey on the MISO website, then the LMR registration be remain as submitted.

What if the FERC filing is not accepted?

The LMR registration survey will not be required. LMR deadlines will remain as the current Tariff outlines.

Does an Intermittent 'behind the meter generation' need to fill out the Survey?

No, Intermittent Resources, such as wind and solar, are not dispatchable via MISO and do not require notification times.