

Memorandum

To: Technical Panel

From: Darren Byers

Date: April 7, 2026

Re: Updates to IESO Monitoring Requirements: Synchrophasor Data

Background

Attached for Technical Panel review and consideration are market rule amendments required to update grid connection requirements related to synchrophasor data. The rule amendments are needed to extend the existing synchrophasor requirements for transmitters and generators to storage participants, and will make other changes to these existing requirements for consistency and clarity.

At its meeting on March 3, 2026, the Technical Panel received an overview of the phasor data requirements, including a high-level overview of the proposed market rule amendments and stakeholder feedback from the December 18, 2025 public engagement session. In response to the discussion on costs of PMUs with Panel members, additional information on PMU costs has been provided in the attached presentation.

Recommendation - Priority

The IESO recommends that the Technical Panel assign a regular priority to the development of these market rule amendment proposals.

Panel Action and Next Steps

The IESO recommends that the Technical Panel vote to post the proposed market rule amendment MR-00487-R00 for a stakeholder review and comment period ending on April 24, 2026. At the May 12, 2026 Technical Panel meeting, the IESO will request a Technical Panel vote to recommend the draft market rule amendments.

The target for IESO Board approval is June 11, 2026.

Accompanying Materials

- Presentation to Technical Panel
- Market Rule Amendment Proposal – MR-00487-R00: Updates to IESO Monitoring Requirements: Phasor Data
- Market Manual 1.7: [Synchrophasor Data Requirements](#) (for information purposes only).