

Memorandum

To: Technical Panel
From: Robert Doyle
Date: April 12, 2022
Re: MR-00471-R00 – Updates to Synchrophasor Monitoring Requirements

The IESO is proposing market rule amendments to require synchrophasor data from certain generation and transmission facilities. The proposed changes are intended to align with requirements in other North American ISOs and RTOs. Access to synchrophasor data will enhance the IESO's situational awareness which is critical to maintaining reliability and resiliency with an increasingly dynamic power system.

Stakeholder Engagement

Technical Panel voted to post the proposed market rule amendments for broader stakeholder review and comment at its March meeting. Ontario Power Generation (OPG) submitted two minor grammatical changes to the proposed market rules which the IESO has accepted in this version of the proposal. OPG also provided a suggestion for the proposed market manual. The IESO will make an addition to the proposed market manual to incorporate OPG's feedback. Previously, IESO staff engaged with stakeholders in multiple meetings from June 2020-February 2022 and made changes to the proposed market rules and market manuals based on stakeholder feedback.

Panel Action and Next Steps

The IESO recommends that the Technical Panel vote to recommend the proposed market rule amendment MR-00471-R00 to the IESO Board for consideration at its June 1 meeting. The IESO is proposing that the effective date of the market rule amendments would be December 31, 2024 to ensure a smooth transition and successful project implementation for generators, transmitters and the IESO.

Accompanying Materials

- Market Rule Amendment Proposal Form - MR-00471-R00
- Stakeholder Feedback: Ontario Power Generation