

Memorandum

To: Technical Panel

From: Robert Doyle

Date: March 15, 2022

Re: MR-00471-R00 – Updates to Synchrophasor Monitoring Requirements

The IESO is proposing market rule amendments to require synchrophasor data from generation facilities and transmitters. 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.

An education presentation on this initiative was provided to Technical Panel members in December 2021

Stakeholder Engagement

IESO staff has 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. For instance, the latest revisions in the draft market manuals provide more flexibility for market participants to use existing measurement infrastructure to provide synchrophasor data to the IESO.

Panel Action and Next Steps

The IESO recommends that the Technical Panel vote to post the proposed market rule amendment MR-00471-R00 for stakeholder review and comment for a period of two weeks, ending on April 7, 2022.

Accompanying Materials

- Market Rule Amendment Proposal Form - MR-00471-R00