

# Minutes of the IESO Technical Panel Meeting

Meeting date: April 14, 2026  
Meeting time: 9:00 a.m.– 9:30 a.m.  
Meeting location: Virtual

Chair/Sponsor: Michael Lyle

Scribe: Trisha Hickson, IESO

Please report any suggested comments/edits by email to [engagement@ieso.ca](mailto:engagement@ieso.ca).

<b>Invitees</b>	<b>Representing</b>	<b>Attendance Status Attended, Regrets</b>
Jason Chee-Aloy	Renewable Generators	Attended
Rob Coulbeck	Importers/Exporters	Attended
Dave Forsyth	Market Participant Consumers	Attended
Jennifer Jayapalan	Energy Storage	Attended
Forrest Pengra	Residential Consumers	Attended
Robert Reinmuller	Transmitters	Attended
Cory Cook	Consumers (non-market participants)	Attended
Rupali Jain	Energy Related Businesses and Service	Attended
Margaret Koontz	Generators	Attended
Vlad Urukov	Market Participant Generators	Attended
Michael Pohlod	Demand Response	Attended
Matthew China	Energy Related Businesses and Service	Attended
Devon Huber	IESO	Attended
Michael Lyle	Chair	Attended
<b>Secretariat</b>		
Trisha Hickson	IESO	Attended

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## **IESO Presenters/Attendees**

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### **Presenters:**

Darren Byers

Dame Jankuloski

Adam Cumming

### **Attendees:**

Jo Chung

Ovidiu Vasilachi

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## **Agenda Item 1: Introduction and Administration**

Trisha Hickson welcomed everyone joining the meeting.

The meeting agenda was approved on a motion by David Forsyth.

The March 3<sup>rd</sup> meeting minutes were approved on a motion by Robert Reinmuller.

### **Introductory Remarks from the Chair:**

Michael Lyle, Chair welcomed everyone and noted updates to the Technical Panel membership. Mr. Lyle introduced four new members, noting that they were appointed by the Board of Directors at its April meeting and bring a diverse range of experience. The new members include Cory Cook of Brookfield Global Integrated Solutions, representing non-market participant consumers; Margaret Koontz of Atura Power, representing generators; and Rupali Jain of Rodan, representing Energy Related Businesses and Services. Mr. Lyle also welcomed Devon Huber as the new IESO Technical Panel Representative, noting that Dave Short has stepped down from the role due to his involvement in the Enabling Resources project and his upcoming role as a key presenter to the panel. Mr. Lyle expressed appreciation for Dave Short's significant contributions over the past five years, particularly his behind-the-scenes work supporting panel members and guiding the panel through the market renewal project.

## **Agenda Item 2: Engagement Update**

Ms. Hickson provided an update on the prospective schedule which is posted on the Technical Panel webpage and identified upcoming sessions and noted that the April engagement days agenda would be included in the IESO bulletin.

## Agenda Item 3: Updates to IESO Monitoring Requirements: Phasor Data

Darren Byers noted that the purpose of the item was to ask the committee to consider posting the proposed updates to the monitoring requirements for stakeholder comment. Mr. Byers noted that at the previous meeting the IESO explained that the amendments would extend existing high-frequency monitoring requirements for generators and transmitters to storage providers, while also making certain adjustments to those requirements for generators and transmitters themselves. He added that these proposed rule amendments, along with the associated market manual, were issued in December as part of stakeholder engagement, and that only minor clarification comments were received. Mr. Byers further noted that, during the previous meeting's discussion, members had expressed interest in understanding the cost impacts of the proposed amendments.

Dame Jankuloski presented a recap of the Market Rule Amendment, focusing on questions raised previously regarding cost and benefit impacts, and outlining the requirement to install PMUs at future storage facilities to align with existing requirements for generators and transmitters. Mr. Jankuloski explained that implementation is being phased and largely involves configuration-level changes, as PMU-capable devices are generally already in place; for storage facilities, costs are expected to be modest and primarily limited to enabling PMUs on existing relays, with minimal ongoing annual maintenance costs.

The presentation and associated materials are available on the [Technical Panel webpage](#).

- Robert Reinmuller thanked the IESO for the presentation and noted his recollection of the previous discussion. He advised that he had reviewed the matter from a Hydro One perspective, noting that most PMUs are currently installed at Hydro One facilities. Based on that review, Mr. Reinmuller clarified that the projected increase to approximately 240 PMUs is not a one-to-one station based calculation, as facilities may require multiple PMUs. He noted that Hydro One currently has plans to enable PMUs at approximately 111 facilities but does not have funding beyond that level at this time. While emphasizing his support for the initiative and its benefits, Mr. Reinmuller cautioned that implementation may not be as smooth as anticipated from an IESO perspective, particularly given that funding will be required for many obligated parties and industry equipment costs have increased significantly since 2021. He highlighted that costs across the industry have risen by approximately 50–80 percent or more and noted the importance of considering both cost impacts and implementation timelines, as market participants may not have all required installations reflected in their current plans. Mr. Reinmuller also raised concerns regarding the proposed sampling rate of 60 samples per second, noting that in cases where infrastructure has not been upgraded, achieving this level may be challenging or require significant investment. He suggested that while 60 samples per second should remain the desired target, a minimum requirement of 30 samples per second be considered where infrastructure limitations apply. Mr. Reinmuller reiterated his support for the

direction of the amendment and stressed the importance of patience and collaboration with market participants to ensure successful implementation.

Ovidiu Vasilachi acknowledged and expressed agreement with the points raised. He noted that, from a technical perspective, the IESO recognizes the existence of implementation and infrastructure limitations and will remain open to understanding and accommodating those constraints. Mr. Vasilachi emphasized that realistic expectations will be applied during implementation, while maintaining the overall objective of obtaining better data to enable more comprehensive system assessments and greater operational efficiency. He confirmed that these limitations will be taken into consideration as work progresses.

On a motion moved by Robert Reinmuller, the technical panel unanimously voted to post the market rule amendments associated with the Updates to IESO Monitoring Requirements: Phasor Data.

#### Item 4: Updates to Contingency Event Definitions

Adam Cumming noted that as discussed at the previous Technical Panel meeting, the IESO is proposing administrative updates to the market rules to align defined terms for “most severe single contingency” and “second most severe single contingency” with the terminology now used by NPCC and NERC. Mr. Cumming explained that this would involve a one-for-one replacement of the existing “first contingency loss” and “second contingency loss” definitions with the new standardized terms. He also acknowledged a prior comment regarding the definition of first contingency loss being located only in Market Manual 7.6 and confirmed that the proposal includes moving this definition into the market rules for consistency. In response to a question regarding market manual changes, Mr. Cumming clarified that the only related update is the removal of the defined term from Market Manual 7.6 and the replacement of references to first and second contingency loss with the new terminology, noting that the application and interpretation of the terms remain unchanged.

The presentation and associated materials are available on the [Technical Panel webpage](#).

- Michael Pohlod asked if the IESO currently has an estimate of how much this will change the Operating Reserve (OR) requirements?

Mr. Cumming noted that the OR requirements will be unchanged.

- Mr. Pohlod followed up asking if volumes of OR that the IESO maintains is expected to change based on these amendments.

Mr. Cumming noted, the definitions themselves are the same as the existing definitions. This is only industry standardization. Previously NPCC, NERC, and different ISOs used different defined terms and the IESO is simplifying to reduce confusion and standardize the language to align with the industry.

- Mr. Pohlod acknowledged.

On a motion moved by Vlad Urukov, the technical panel unanimously voted to post the market rule amendments associated with the Updates to Contingency Event Definitions.

### Other Business

No other business was brought forward.

### Adjournment

The meeting adjourned at 9:30 a.m.

The next regular TP meeting will be held on May 12, 2026.

### Action Item Summary

Date	Action	Status	Comments
Oct. 7, 2025	The IESO to report back to the Technical Panel on possible changes to enhance the market manual process once the assessment is complete.	Open	
Feb. 10, 2026	MR-00490-R00: Adjustments to RT-MWPs For item 1: OR Lost Opportunity Cost and forbidden regions, the IESO will provide the Technical Panel with a post freshet update at the September 15, 2026 Technical Panel meeting.	Open	