

Minutes of the IESO Technical Panel Meeting

Meeting date: 27/July/2021
Meeting time: 09:00 a.m.
Meeting location: Video conference

Chair/Sponsor: Michael Lyle
Scribe: Kathy Pearsall / Smarter Shift Inc.

Please report any suggested comments/edits by email to
engagement@ieso.ca.

Invitees	Representing	Attendance Status Attended, Regrets, Teleconference
David Brown	Ontario Energy Board (Observer)	Attended
Jason Chee-Aloy	Renewable Generators	By Proxy
Ron Collins	Energy Related Businesses and Services	Attended
Rob Coulbeck	Importers/Exporters	Attended
Emma Coyle	Market Participant Generators	Attended
Dave Forsyth	Market Participant Consumers	Attended
Sarah Griffiths	Demand Response	Attended
Jennifer Jayapalan	Energy Storage	Attended
Indra Maharjan	Market Participant Consumers	Attended
Wendy Payne	Market Participant Consumers	Regrets

Invitees	Representing	Attendance Status Attended, Regrets, Teleconference
Forrest Pengra	Residential Consumers	Attended
Robert Reinmuller	Transmitters	Attended
Joe Saunders	Distributors	Attended
Vlad Urukov	Market Participant Generators	Attended
David Short	IESO	Attended
Michael Lyle	Chair	Attended
Secretariat		
Robert Doyle	IESO	Attended
IESO Presenters		
Robert Doyle		
Adam Cumming		
Darren Byers		
Jonathan Scratch		

Agenda Item 1: Introduction and Administration

Robert Doyle, IESO, reminded participants of standard Microsoft Teams practices, including muting lines when not speaking and using the platform function to raise hands. He encouraged members to use their cameras when speaking if they were comfortable doing so.

Chair's Remarks:

The agenda was adopted on a motion by Sarah Griffiths.

The Chair noted that an amendment to the June minutes was provided in advance by Vlad Urukov and that it would be included in the final minutes. No other comments were received.

The minutes of the last meeting were approved on a motion by Dave Forsyth.

The Chair announced the cancellation of the September Technical Panel meeting.

Agenda Item 2: Engagement Update

Robert Doyle, IESO, reviewed the prospective Technical Panel schedule. Two additions from the schedule were provided at the June meeting. On the improving accessibility of operating reserve, the vote to post for stakeholder comment item is scheduled for today. The vote to recommend will now be held in October. The October meeting will include an education for the proposed Market Rule amendments on Market Power Mitigation as part of the Market Renewal Program.

Agenda Item 3: Administrative Changes for the 2021 Capacity Auction

Adam Cumming, IESO, provided an update on comments received from Technical Panel members on the proposed Market Rule amendments with respect to the *capacity auction eligible import resource* definition and with the sections in the proposal pertaining to the inclusion of italics.

Ms. Griffiths asked the IESO to clarify whether other instances of italicized text were missing from sections of the Market Rules that were previously approved, or whether the IESO had seen additional issues on wording.

Mr. Cumming confirmed that no other sections with formatting issues had been identified.

On a motion by Joe Saunders, the Technical Panel voted unanimously to recommend the proposed Market Rule amendments to the IESO Board for consideration.

The Chair noted that Panel members may email a rationale for their vote to Mr. Doyle by week's end.

Agenda Item 4: Clarification to the Market Rules (Omnibus)

Darren Byers, IESO, provided an update on comments received from Technical Panel members on the proposed Market Rule amendments and stated that they were incorporated into the proposal.

Mr. Urukov raised a concern that the removal of Ch5, 6.2.5.2 in proposal R00 would create an additional obligation for some generators.

Mr. Byers noted that all parts of the omnibus, including the removal of this section, are not intended to create additional obligations. This particular section was deemed to be no longer relevant.

Mr. Urukov reiterated that he required additional rationale for the removal of the section. Emma Coyle agreed with this view.

Indra Maharjan asked if the section impacts energy storage projects. Mr. Byers said it does not, as it pertains only to very large generators and there are no energy storage projects that fit the size criteria.

The Chair concluded the discussion by moving the vote to recommend to the October meeting to provide IESO staff more time to evaluate and provide rationale for the specific concern raised by Mr. Urukov.

Agenda Item 5: Improving Accessibility of Operating Reserve

Adam Cumming, IESO, said the IESO is looking to implement a charge when a market participant scheduled to provide operating reserve (OR) is unable to provide it due to, for example, not having the physical capability to dispatch up, or down as a result of the resource supplying more (or consuming less) than their dispatch target. In addition, the IESO is proposing to amend the Market Rules to allow the IESO to calculate OR activation dispatches based on resources' output/consumption at the time of activation. Monies recovered from individual participants will be included within the hourly uplift settlement amount and redistributed to the market.

Mr. Urukov suggested that the definition of Off-Peak Reference Capped Swap Value (ORSCV) be expanded with the words "for Class R reserve."

Mr. Urukov asked how the amounts of energy injected or withdrawn in a dispatch interval would be determined. Jonathan Scratch replied that meter data would be used.

Mr. Urukov asked for confirmation that the Allocated Quantity of Energy Injected (AQEI) would not be rounded off. Mr. Scratch replied that it would not.

Mr. Urukov asked for clarification in the wording in 7.4.3A that states when a facility is "injecting or withdrawing more or less *energy*" the IESO will instruct the facility to increase production up to the amount of scheduled reserve. Mr. Cumming clarified that it would be applicable any time a facility is off dispatch, whether it is a generation facility injecting more energy or a dispatchable load withdrawing less energy than instructed in its dispatch. Mr. Urukov suggested changing the wording to reflect this.

Mr. Urukov said the wording in 7.4.3A should state that the IESO would never dispatch a facility beyond its capacity.

Mr. Scratch said the suggestions raised would be considered. He reiterated that a facility would only be dispatched to its maximum capacity as determined by the facility's offers and any de-rates.

Mr. Collins noted a typo: the words "operative reserve" should be changed to "operating reserve."

Ms. Coyle said the word "inappropriate" creates ambiguity. It should not be used in Ch9, 3.5.2 because it is not defined in the Market Rules and has not been used in stakeholder engagements. Mr. Urukov supported this view. Mr. Cumming replied that "inappropriate" has been used to reflect Congestion Management Settlement Credits (CMSC) payments that should not be made throughout the Market Rules. The intent is to use the same terminology for consistency.

Mr. Urukov asked if CMSCs could be wiped away if a facility is deemed not to have maintained its unused capacity, thus infringing on the OR schedule by a small amount. Mr. Cumming said the IESO is giving itself the ability to claw-back CMSCs that were the result of inaccessible OR. Mr. Scratch clarified that not only does the IESO not want to pay out for OR that is inaccessible, it also does not

want to pay out CMSC generated by a resource that has inaccessible OR. Mr. Urukov asked if the CMSCs are in both the OR and the energy markets. Mr. Scratch said they are energy CMSCs created in an activation.

Mr. Urukov asked for specificity as to what CMSCs may be recovered. Mr. Scratch said the normal CMSC that exists today would still exist tomorrow. The rule intends to cover the portion of CMSC created by the OR not being accessible. Mr. Urukov suggested clarifying the wording.

Ms. Coyle noted that the general conduct rule already grants power to investigate and levy penalties for gaming. She asked if the intent is to give the IESO the ability to determine on its own what is inappropriate, and then issue a settlement statement to the participant, clawing it back in accordance with 7.4.6. Mr. Cumming confirmed it is the intent, and it would also be subject to Ch9, 3.5.2. Ms. Coyle suggested that the words be changed to specify what is being targeted. Mr. Scratch clarified that it is the OR created by being off dispatch that is being targeted, and said the IESO will work to clarify this.

The motion to vote to post for broader stakeholder comment was moved by Dave Forsyth. The Chair noted that Jason Chee-Aloy's proxy voted in favour.

Other Business

The Chair said the IESO will consider transitioning back to in-person meetings at some point in time, and asked Technical Panel members to provide their perspectives at a later date.

The meeting adjourned at 10 AM. The next meeting will be held on October 5.

Action Item Summary

Date	Action	Status	Comments
July 27	Vote to recommend Market Rule Amendment Proposal MR-00449 to the IESO Board moved to October meeting.	Open	
March 23, 2021	In relation to MR-0448-R00 market rule amendments, the IESO will periodically review the availability of error and omissions insurance for negligence.	Open	