

Minutes of the Meeting

Q4 2024 RSSC: Meeting #63

Meeting date: 2024-12-11

Chair/Sponsor: Pirouz Honarmand /Devon Huber

Scribe: Aqsa Jafri

Meeting location: MS Teams

Meeting time: 09:30 a.m.

Invitees	Representing	Attendance Status Attended, Regrets, Teleconference
Abbas Munir	Bruce Power	Teleconference - MS Teams
Adam Burlock	Transalta	Teleconference - MS Teams
Aditya Menon	Hydro One	Teleconference - MS Teams
Ahmad khan	Atura Power	Teleconference - MS Teams
Alex Zbarcea	Hydro One	Teleconference - MS Teams
Andres Moreno	IESO	Teleconference – MS Teams
Aqsa Jafri	IESO	Teleconference - MS Teams
Ashley Scheelar	Transalta	Teleconference - MS Teams
Catherine Ethier	OEB	Teleconference - MS Teams
Blake Huddleston	Engie	Teleconference - MS Teams
Paul Barrette	NAES Canada	Teleconference - MS Teams
Chris Moir	Hydro One	Teleconference - MS Teams
Alain Mukama	Hydro One	Teleconference - MS Teams
Fan Wang	Kenetic	Teleconference - MS Teams
Chantal Dube	Evolugen	Teleconference - MS Teams
Monica Adam	IESO	Teleconference - MS Teams
Charlie Recoskie	NAES Canada	Teleconference - MS Teams
Colin Elwood	Bruce Power	Teleconference - MS Teams
Cristian Dragnea	IESO	Teleconference - MS Teams
Dan Kathir	IESO	Teleconference - MS Teams

Invitees	Representing	Attendance Status Attended, Regrets, Teleconference
David Kwan	OPG	Teleconference - MS Teams
Devon Huber	IESO	Teleconference - MS Teams
Doug Preston	OPG	Teleconference - MS Teams
Emma Halilovic	Hydro One	Teleconference - MS Teams
Gwen Nam	Capital Power	Teleconference - MS Teams
Hassan Vahed Kalankesh	Hydro One	Teleconference - MS Teams
Helen Lainis	IESO	Teleconference - MS Teams
Ijad Dewan	Hydro One	Teleconference - MS Teams
Jag Behl	IESO	Teleconference - MS Teams
James Locke	NAES Canada	Teleconference - MS Teams
Jesse Rocca	IESO	Teleconference - MS Teams
Joel Charlebois	Aesi-inc	Teleconference - MS Teams
Karen Demos	FPL	Teleconference - MS Teams
Keven Van Velzen	BBA	Teleconference - MS Teams
Kevin Samuel	FPL	Teleconference - MS Teams
Kia Barkhordari	Hydro One	Teleconference - MS Teams
Kurtis Chong	IESO	Teleconference - MS Teams
Lidija Efremova	Hydro One	Teleconference - MS Teams
Mark Townsend	Hydro One	Teleconference - MS Teams
Mernaz Malozewski	Guidehouse	Teleconference - MS Teams
Murxmur Ola	Hydro One	Teleconference - MS Teams
Oshara Narangoda	Hydro One	Teleconference - MS Teams
Pirouz Honarmand	IESO	Teleconference - MS Teams
Saad Ansari	IESO	Teleconference - MS Teams
Scott Berry	IESO	Teleconference - MS Teams
Steven Pichette	NAES Canada	Teleconference - MS Teams

Invitees	Representing	Attendance Status Attended, Regrets, Teleconference
Sylvain Moore	Boralex	Teleconference - MS Teams
Tabasum Bandey	Bruce Power	Teleconference - MS Teams
Bendong Sun	Bruce Power	Teleconference - MS Teams
Andrew Huang	Bruce Power	Teleconference - MS Teams
Desderius Ngunangwa	Bruce Power	Teleconference - MS Teams
Constantin Chitescu	OPG	Teleconference - MS Teams
Andrea Lemhenyi	Hydro One	Teleconference - MS Teams
Tobi Ajayi	OPG	Teleconference - MS Teams
Jean-Michel Blais	Boralex	Teleconference - MS Teams

Agenda Item 1: Welcome Remarks

Pirouz Honarmand kicked off the 63rd RSSC meeting at 9:30, welcoming participants, followed by a round of introductions. He discussed some house keeping items including safety tips during the approaching winter season.

Agenda Item 2: Administrative Items

The agenda for the 62nd RSSC meeting was reviewed by Pirouz Honarmand along with the minutes of the previous RSSC meeting. Aditya M. moved to adopt the meeting minutes, seconded by Dave K. The minutes were adopted as drafted. At this point, Catherine E. of OEB requested an update on any future plans for the IBR Registration in Ontario. Pirouz H. replied that this will be discussed in detail during Helen Laines's presentation during the meeting.

Pirouz H. provided update on an open action item regarding a request from a market participant to add contact information on IESO Portal for a CIP contact, similar to the Market Participant Compliance Contact, and to be updated with any changes to personnel or heirarchy. Based on the discussion Dan K. of IESO had with the administration team for the portal, the addition for a contact field on portal seems a bit difficult and this will be revisited during the CSC meeting. Currently CIP contact information is provided via email.

Agenda Item 3: CIP standards Development Update

Dan Kathir delivered the CIP Standards Development Update.

[Refer to the meeting materials package for details.](#)

Dan informed the attendees that inspection of the IESO's relocated Backup Operating Centre and Backup Data Centre by NPCC staff in November 2024, the facilities received NERC CIP recertification.

Dan also discussed details of the BES Cyber System Information (BCSI) and Cloud Solutions, and that they are no longer required to be on premises but can be uploaded to cloud. Dan will share the

guidelines on BCSI best practices for cloud solutions such as proper prevention of any unauthorized access.

Agenda Item 4: MACD Update (Self certifications, compliance assessments)

Monica Adam delivered updates from MACD.

Monica A. began with a brief review of the 2024 Compliance Monitoring Plan, and the discussion transitioned to what is to be expected in the 2025 CMP. [Refer to the meeting materials package for details.](#)

- Monica shared the final count of self-certifications by standards, and she added that all market participants have received their closure letter, explaining the review and non-compliances observed
 - Total: forty-two self-certifications
 - Eighteen for O&P reliability standards
 - Twenty-four for CIP reliability standards
- While sharing the observations, Monica mentioned there were minor issues with inconsistent data in documents.
- Pirouz H. asked if MACD has compiled statistics of non-compliances before this review. Monica confirmed that they had and that this time around they have observed more instances of non-compliances.
- David K. inquired if these are considered PNCs and Monica explained that these issues were brought to light after the self-certification team reviewed the documentation. She also mentioned that all of this data shared on the presentation will be made available for market participants.
- Monica A. shared a recommendation with the attendees to ensure proper checks on the facilities and equipment documentation prepared for audits. There was also a recommendation shared regarding CIP-002 and CIP-003 about consistent periodic testing and reviews. Adam B. sought further clarification, and Jag Bhel from MACD explained that the recommendation for cyber assets is to maintain proper inventory of assets for periodic reviews. Ahmed K. inquired if while maintaining an inventory report is only for evidentiary purposes and Jag B. confirmed. It is encouraged that all market participants practice this to safeguard assets.
- Monica A. then touched on the highlights of what to expect from the 2025 CMP. She added that NERC had kept the same areas for priority for 2025.
- Jean-Michel asked if the CIP-ERT submission is mandatory. Jag confirmed that the intent is to start using the CIP – ERT tool. Monica concluded the presentation by asking the attendees to be ready if selected for submissions and in case of IT issues to reach out immediately for support.

Agenda Item 5: Emergency Preparedness Update

Saad Ansari delivered the Emergency Preparedness update.

Saad Ansari provided the following Emergency Preparedness updates:

- The next version of **Market Manual 7.8: Ontario Power System Restoration Plan (OPSRP)** was finalized and issued with an effective date of December 4, 2024. An advanced copy was shared with restoration participants on November 25, 2024, through the emergency preparedness plan (EPP) contacts identified via Online IESO. Updates to the plan are captured in the Table of Changes within the OPSRP. There were no changes to restoration participant roles and responsibilities.

Restoration workshops for 2025 are currently being scheduled and the details will be shared through the EPP contacts.

Agenda Item 6: O&P Standards Development Updates

Helen Lainis delivered the O&P Standards Development update.

[Refer to the meeting materials package for details.](#)

Regarding FERC order 901, Helen explained that work on Milestone 3 will begin in order to meet the November 2025 deadline. Focus is on the modelling framework for IBRs and there will be substantial requirements applicable to the IESO as a Planning Coordinator.

Helen added that NERC's goal is to have the IBR standards adopted before the end of the year, they are beginning to assemble the drafting teams. NERC aims to develop and maintain a model library for IBRs.

Helen also shared the proposed approach by ERO for compliance with new standards. NERC has filed an ERO Assessment Supplemental Filing with FERC, requesting changes for compliance monitoring to be less punitive and to allow more grace time for new standards becoming effective.

Finally, Energy Adequacy, Extreme Weather and IBRs remain NERC's prime focus for 2025.

Helen L. and Constantin C. informed the meeting that Ontario Power Generation along with other Canadian generators are considering submitting a Standard Authorization Request to NERC seeking a Canadian Variance to EOP-012-3 if their concerns are not addressed through the standards development process.

In response to a query by Catherine E., on NERC's IBR registration initiative, Helen L. explained that the IESO has already in place performance requirements for IBRs connected to the IESO-controlled grid, comparable to the NERC standard requirements. As NERC develops requirements for IBRs, the IESO will continue to assess for any gaps and to close them either through the development of market rules and/or market manual requirements or expand applicability of NERC standards to those IBRs not currently covered by the existing NERC's Bulk Power System definition.

Agenda Item 7: Phasor Measurement Unit and Market Rules Changes

Dame Jankuloski & Justin Groenestege delivered the presentation on the Phasor Measurement Unit and Market Rule Changes. [Refer to the details in the meeting materials package.](#)

Dame began with defining the Phasor Measurement Units (PMUs), their importance for the system and the related Market Rule changes. Dame J. also shared the implementation plans for the PMUs and an update on where the process currently stands.

Aditya M. from Hydro One inquired if the monitoring will begin in 2028, Dame J. answered that with affirmative. Bendong S. of Bruce Power inquired if NERC will release a potential standard or a new standard in future, will it require some rework, and Dame responded that if you already have a PMU device, the standard will likely apply to PMUs as used.

Agenda Item 8: NERC Standards Implementation Roadmap

Pirouz Honarmand delivered the NERC Standards Implementation Roadmap.

Pirouz H. gave a brief overview of the Ontario Effective Dates for Reliability Standards. [Refer to the details in the meeting materials package.](#)

Action Item 01:

At this point, Adam B. brought up a discrepancy in the Ontario enforcement date for EOP-012 as the document displayed April 1st 2025 as enforcement date, Gwen seconded that questions. Pirouz H. took note and will be providing an update in the upcoming meeting.

Agenda Item 8: NERC Lessons Learned & NERC Alerts

Pirouz Honarmand shared there were no new NERC Alerts or Lessons Learned to share at this time.

Agenda Item 9: Closing Remarks

Pirouz H. gave closing remarks, thanking everyone who attended and those who contributed to the valuable discussions. This concluded the 2024 RSSC meetings. Pirouz mentioned that the new schedule for the 2025 meetings will be shared soon. Aditya M. motioned to adjourn the meeting and Constantin C. seconded. The meeting ended at 12:00 noon.

Adjournment:

Action Items at Completion of 2024 RSSC Q4 Meeting

ID	Date	Assignee	Action	Status	Comments
Q2-2023-01	2023-05-16	Dan Khatir (IESO)	To check if CIP contacts can be added to the IESO portal	Closed	If more discussion is needed, please address it in the CSSC meeting.
Q4-2024-01	2024-12-12	Sarraa Garada (IESO)	The Ontario enforcement date discrepancy	Open	