

Minutes of the Meeting

Q2 2025 RSSC: Meeting #65

Meeting date: 2025-06-04

Chair/Sponsor: Pirouz Honarmand /Devon Huber

Scribe: Aqsa Jafri

Meeting location: MS Teams

Meeting time: 09:30 a.m.

Invitees	Representing	Attendance Status
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
Alain Mukama	Hydro One	Teleconference – MS Teams
Andres Moreno	IESO	Teleconference - MS Teams
Andrew Burmaster	Evolugen	Teleconference - MS Teams
Aqsa Jafri	IESO	Teleconference - MS Teams
Ashley Scheelar	Transalta	Teleconference - MS Teams
Bendong Sun	Bruce Power	Teleconference - MS Teams
Chantal N Dube	Evolugen	Teleconference - MS Teams
Charlie Recoskie	NAES Canada	Teleconference - MS Teams
Chris Moir	Hydro One	Teleconference - MS Teams
Clark McClocklin	Northland power	Teleconference - MS Teams
Colin Elwood	Bruce Power	Teleconference - MS Teams
Dan Kathir	IESO	Teleconference - MS Teams
Desderius Ngunangwa	Bruce Power	Teleconference - MS Teams
Devon Huber	IESO	Teleconference - MS Teams
Doug Preston	OPG	Teleconference - MS Teams
Emma Halilovic	Hydro One	Teleconference - MS Teams

Invitees	Representing	Attendance Status
Freed Akhter	OEB	Teleconference - MS Teams
Hassan Vahed Kalankesh	Hydro One	Teleconference - MS Teams
Hassib El Murdea	OPG	Teleconference - MS Teams
Ijad Dewan	Hydro One	Teleconference - MS Teams
Jag Behl	IESO	Teleconference - MS Teams
James Locke	NAES Canada	Teleconference - MS Teams
Jean-Michel Blais	Boralex	Teleconference - MS Teams
Jesse Rocca	IESO	Teleconference - MS Teams
Joel Charlebois	AESI-INC	Teleconference - MS Teams
Karen Demos	FPL	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
Mansour Jalali	Kinectrics	Teleconference - MS Teams
Mernaz Malozewski	Guidehouse	Teleconference - MS Teams
Monica Adam	IESO	Teleconference - MS Teams
Nilu Talwar	Hydro One	Teleconference - MS Teams
Oshara Narangoda	Hydro One	Teleconference - MS Teams
Patricia Doan	IESO	Teleconference - MS Teams
Paul Barrette	NAES Canada	Teleconference - MS Teams
Pirouz Honarmand	IESO	Teleconference - MS Teams
Prasath Selvanayagam	Entrustsol	Teleconference – MS Teams
Ranime Cheikh-Salem	Boralex	Teleconference – MS Teams
Saad Ansari	IESO	Teleconference – MS Teams
Scott Berry	IESO	Teleconference – MS Teams
Steve Shute	Bruce Power	Teleconference – MS Teams

Invitees	Representing	Attendance Status
Steven Pichette	NAES Canada	Teleconference – MS Teams
Tabasum Bandey	Bruce Power	Teleconference – MS Teams
Tobi Ajayi	OPG	Teleconference – MS Teams

Agenda Item 1: Welcome Remarks

Pirouz Honarmand chaired the meeting and kicked off the 65th RSSC meeting at 9:30, welcoming participants, followed by a round of introductions. For his safety tip, Pirouz reminded participants that while some of us will get busy with renovation projects during summer, since power tools are becoming more complex with time, it is important to ensure proper knowledge and training before delving into those activities.

Agenda Item 2: Administrative Items

The agenda for the 65th RSSC meeting was reviewed by Pirouz H. along with the minutes of the previous RSSC meeting. Aditiya M. moved a motion to approve which was seconded by Hassib A. The minutes were adopted as presented. The two action items listed in the Q4 2024 RSSC meeting minutes were considered resolved and were closed.

Agenda Item 3: CIP standards Development Update

Dan Kathir delivered the CIP Standards Development Update.

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

Dan K. informed the attendees, that similar to last RSSC meeting there hasn't been any progress or updates to share concerning CIP standards development, as none of the projects have been approved by FERC and everything is at a standstill at the moment. Dan mentioned he would like to discuss CIP-012-2 - Cyber Security – Communications between Control Centers, taking advantage of OPG personnel in attendance. Some options were discussed in the meeting with OPG a day earlier including how to move forward with CIP-012-2. Currently this standard is only applicable in Ontario to OPG and Hydro One.

Pirouz H. inquired to better understand the CIP-012-2 standard and its stipulations. Dan K. answered stating, the purpose of CIP-012-2 is protection of the integrity and confidentiality of real-time monitoring and assessment data being shared between entities' control centres. At the moment, the protection of the data is achieved with the help of encryption technology. CIP-012-2 will become enforceable in Oct 2026. In addition to confidentiality and integrity the standard now addresses data availability.

Agenda Item 4: Emergency Preparedness Update

Saad Ansari delivered the Emergency Preparedness update.

As advised during the Q4 meeting this past December 2025, the current 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. The next version of the OPSRP is targeted for Q4 2025, and IESO staff have commenced internal reviews to take a closer look at potential updates to plan components including restoration paths and key facilities identified in the Basic Minimum Power System (BMPS).

The 2025 schedule of in-person **Ontario Power System Restoration Workshops** was shared via EPP contacts on February 7, 2025. The first workshop will take place on April 1 in London, and the remaining workshops will take place in Niagara (June 18), Ottawa (June 25), Sault Ste. Marie (October 2), and Ajax (October 16). Registration pages are open for all workshops, and the IESO looks forward to welcoming representatives from RSSC member organizations. The agenda for the workshops will be similar to last year; they will be full-day sessions and include a series of presentations on key concepts of the OPSRP as well as tabletop exercises to reinforce understanding. There is no cost to attend. Saad also added, he can resend the details about workshop registration if requested.

Agenda Item 5: O&P Standards Development Updates

Pirouz Honarmand delivered the O&P Standards Development update.

Refer to the meeting materials package for details.

- Project 2020-06 – Verifications of Models and Data for Generators, started preliminary balloting and stakeholder engagement about a two defined terms, which led to successful adoption of those terms, following another round of discussion on June 16th.
- Project 2022-02 – Uniform Modeling Framework for IBR, opened for initial ballot in mid-May 2025. The industry however was not supportive of proposed changes and it is expected to have another ballot by end of June.
- Project 2021-01 – Uniform Modeling Framework for IBR, also opened for initial ballot in mid-May and suffered a similar fate in terms of industry support as Project 2022-02.
- Revisions to EOP-012-3 – Extreme Cold Weather Preparedness and Operations, was sent by NERC to FERC for approval. Work on a Canadian variance to this standard is about to enter the informal drafting and comment period in June 2025. This variance will addresses the concerns of Canadian entities that were not reflected in the previous version EOP-012-2. One of the main points of concern is differentiation between freezing cold and cold temperature, and recognition that in Canada freezing temperatures are typical and mitigation techniques are already in place.

- PRC-006-NPCC-3 – Automatic Underfrequency Load Shedding was posted for an initial comment period during May 2025 and IESO contributed comments through the drafting team.

Pirouz shared information on the work being done by the NERC Modernization of Standards Processes and Procedures Task Force (MSPPTF). MSPPTF's main goal is to explore opportunities for improving the standards development process and make it more agile while addressing the industry's concerns. Pirouz explained that all related documents were available on NERC's website and added that there was a survey open at the time of this meeting with a due date for comments of June 4. He encouraged the attendees to provide feedback to the MSPPTF through the survey.

Kurtis C. inquired whether members of RSSC had considered nominations for the EOP-012-3 drafting team and if there can be a collaborative effort made to develop the Canadian variance. Pirouz answered, this standard is applicable to GOs and GOPs and added, that the Nuclear entities will be in a better position to join the drafting team to support the Canadian variance during the drafting period.

Adam B. added that being a GO and GOP registered both in Canada and USA jurisdiction, they are reviewing the drafts and will be providing comments to the forum. Adam added, they can't have a member nominated due to resource constraints at the moment.

Kurtis C., after thanking Adam B. for his input, encouraged the organizations who do have the bandwidth to participate, to raise it within their organizations and offered the IESO's support for their nominations. Kurtis highlighted that we should have strong Canadian representation for EOP-012-3 drafting team.

Agenda Item 6: 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, adding there hasn't been substantial changes since the last meeting. [Refer to the details in the meeting materials package.](#)

Agenda Item 7: NERC Lessons Learned and NERC Alerts

Pirouz Honarmand delivered the recent NERC Lessons Learned and NERC Alerts.

During the discussion on Inverter-Based Resource (IBR) Resource-Based Modelling, it was noted that while no new NERC Lessons Learned have been published, a Level 3 NERC Alert was issued in May 2025. This alert outlines two primary actions: firstly, recipients are required to acknowledge receipt of the alert; secondly, they must review and respond to a series of questions. These questions were categorised according to entity types, including Transmission Planners (TPs), Planning Coordinators (PCs), Transmission Owners (TOs), and Generator Owners (GOs). Attendees were advised to consult the meeting package for further details.

Pirouz H. highlighted the importance of requesting validation benchmark reports from Original Equipment Manufacturers (OEMs), as referenced in the presentation that will be shared with the attendees. Scott B. added that the IESO, in its capacity as a TP and PC, has elected to formally respond to the alert. In doing so, the IESO is seeking support from entities identified as TOs and GOs to provide relevant feedback. The final submission to NERC is due by 18 August 2025.

To facilitate this process, participants are requested to review the applicable questions and submit their responses to the IESO. These responses will be anonymized prior to submission to NERC. The internal deadline for providing input to the IESO is August 13, 2025. Submissions should be directed to the ORCP mailbox, with the subject line clearly indicating the company name and referencing the "IBR Level 3 Alert."

It was also noted that the initial version of the associated Lessons Learned document did not include supplementary information. An updated version will be made available via the RSSC website in due course.

Agenda Item 8: MACD Update

Monica Adam & Jag Behl delivered updates from MACD.

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

Monica A. joined the call to provide a brief update and take any questions, as there were no significant changes to share at the time. Monica A. shared that her team is currently reviewing self-certification submissions received in Q1 and Q2 of 2025 for CIP standards and there were a few follow-up information requests to the market participants. Responses are expected over the next month as MACD works to finalize the review. Monica A. emphasized that this update pertains to a small subset of participants and plans to reach out directly to those who received self-certification notifications.

Monica also added, the team will be reaching out to market participants who have received self-certification requests to schedule site visits, specifically for FAC-008 sometime in September 2025. The attendees were also cautioned to expect spot checks, self-certifications, or surveys related to satellite phones to be conducted in the coming months. There is no set deadline, but the goal is to assess available technologies.

Monica A. also shared that she will be reaching out to MPs over the next quarter seeking clarifications of responses to a 2024 survey related to PRC-012.

Pirouz H. inquired about training mentioned in the previous meeting, specifically regarding industry and market participant (MP) engagement. Monica clarified that if the question referred to ERT training on the CIP side, it is something offered to MPs. Jag B. confirmed that it was more of an outreach exercise than training where he and Kamyar G. from his team guided a few MPs through a tutorial of how to use ERT for CIP standards. These outreach sessions were well received by the MPs and positive feedback was noted regarding the adoption of the standard evidence request tool.

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 Q2 RSSC meeting. The next RSSC meeting which was scheduled for September 16, 2025, has however been cancelled and attendees have been informed. Desdarius N. motioned to adjourn the meeting and Ahmed K. seconded.

The meeting ended at 11:30 AM.

Adjournment:

Action Items at Completion of 2025 RSSC Q2 Meeting

ID	Date	Assignee	Action	Status	Comments
-	-	-	-	-	-