

Minutes of the Meeting

Q2 2024 RSSC: Meeting #61

Meeting date: 06/13/2024
 Meeting time: 09:30 a.m.
 Meeting location: IESO Adelaide / MS Teams

Chair/Sponsor: Pirouz Honarmand /Devon Huber
 Scribe: Aqsa Jafri

Invitees	Representing	Attendance Status Attended, Regrets, Teleconference
Abbas Munir	Bruce Power	IESO - Adelaide
Adam Burlock	Transalta	Teleconference - MS Teams
Aditya Menon	Hydro One	IESO - Adelaide
Ahmad khan	Atura Power	Teleconference - MS Teams
Alex Zbarcea	Hydro One	IESO - Adelaide
Aqsa Jafri	IESO	IESO - Adelaide
Ashley Scheelar	Transalta	Teleconference - MS Teams
Blake Huddleston	NA.Engie	Teleconference - MS Teams
Chantal N Dube	Evolugen	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	IESO - Adelaide
David Kwan	OPG	IESO - Adelaide
Devon Huber	IESO	IESO - Adelaide
Doug Preston	OPG	Teleconference - MS Teams
Emma Halilovic	Hydro One	IESO - Adelaide
Gwen Nam	Capital Power	Teleconference - MS Teams

Invitees	Representing	Attendance Status Attended, Regrets, Teleconference
Hassan Vahed Kalankesh	Hydro One	Teleconference - MS Teams
Helen Lainis	IESO	IESO - Adelaide
Ijad Dewan	Hydro One	IESO - Adelaide
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
Kamyar Ghaderi	IESO	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	IESO - Adelaide
Lidija Efremova	Hydro One	Teleconference - MS Teams
Mark Townsend	Hydro One	Teleconference - MS Teams
Mernaz Malozewski	Guidehouse	IESO - Adelaide
Murxmur Ola	Hydro One	IESO - Adelaide
Oshara Narangoda	Hydro One	Teleconference - MS Teams
Pirouz Honarmand	IESO	IESO - Adelaide
Saad Ansari	IESO	Teleconference - MS Teams
Sarraa Garada	IESO	IESO - Adelaide
Scott Berry	IESO	IESO - Adelaide
Steven Pichette	NAES Canada	Teleconference - MS Teams
Sylvain Moore	Boralex	Teleconference - MS Teams

Agenda Item 1: Welcome Remarks

Pirouz Honarmand (IESO) started the 61st RSSC meeting at 9:30 AM by welcoming the participants. He provided housekeeping items, including the fire evacuation process for the 16th floor of the IESO building. Pirouz then shared a safety message about the importance of staying hydrated during hot weather, emphasizing the health risks of dehydration and the benefits of drinking plenty of water. He then requested the RSSC participants at Adelaide to introduce themselves.

Agenda Item 2: Administrative Items

The agenda for the 61st RSSC meeting was reviewed by Pirouz Honarmand. He also reviewed the minutes of the Q1 2024 RSSC meeting, which were then adopted as final.

Agenda Item 3: CIP standards Development Update

Dan Kathir (IESO) delivered the CIP Standards Development Update.

(Refer to details in the meeting materials package)

Pirouz Honarmand welcomed Dan Kathir, Supervisor NERC CIP Compliance at the IESO as a new member replacing Norm Dang his predecessor who has retired. Dan introduced himself to the attendees and provided updates on the following items:

Standards Drafting Activities (8 Projects)

Project 2016-02 Modifications to CIP Standards

Project 2020-04 Modifications to CIP-012

Project 2021-03 Transmission Owner Control Centers (TOCC), CIP-002/CIP-014

Project 2022-05 CIP-008 Reporting Threshold

Project 2023-03 – FERC 887

Project 2023-04 Modifications to CIP-003

Project 2023-06 CIP-014 Risk Assessment Refinement

Project 2023-09 Risk Management for Third-party Cloud Services

New CIP Requirements

CIP-004-7 and CIP-011-3 Bulk Electric System (BES) Cyber System Information (BCSI) in the Cloud changes come into effect in Ontario on April 1, 2024 (and Jan 1, 2024 in US).

CIP-003-9 Vendor Electronic Remote Access Controls for Low Impact BCS comes into effect July 1, 2026, in Ontario (and April 1, 2026 in US).

CIP-012-2 Communications between Control Centers comes into effect July 1, 2026 (tentative).

CIP Standards Sub-Committee Updates

The details about upcoming meetings were provided by Dan. The next meeting is scheduled for Sep 12, 2024.

There was a request to upload the presentation slides on Hub, and Pirouz confirmed that the IESO will publish them for everyone to access later.

Agenda Item 4: NERC Lessons Learned & NERC Alerts

Pirouz Honarmand (IESO) delivered the NERC Lessons Learned and NERC Alerts update.

NERC posted two NERC Lessons Learned and one NERC Alert since the last RSSC meeting. Details are provided in the meeting materials package.

NERC Lessons Learned

- Protective Relay Solid-State Output Contact Voltage Leakage
- Incorrect IBR Primary Frequency Response Logic Caused Negative ACE

NERC Alert

- 6 GHZ Communication Penetration in the Electric Industry

David Kwan (OPG) inquired about IESO's responsibility to reach out to market players when there is a NERC Alert. Scott Berry (IESO) confirmed that IESO assesses who the alert addresses and then reaches out to the concerned entities as required.

Agenda Item 5: Emergency Preparedness Update

Saad Ansari (IESO) delivered the Emergency Preparedness update.

Saad Ansari provided the following updates with respect to Emergency Preparedness:

Ontario Power System Restoration Workshops

Since the last RSSC meeting, two more in-person workshops had been conducted: one in Ottawa on May 1 with approximately 65 attendees, and one in Niagara on June 12 with approximately 80 attendees. The in-person workshops have provided value for attendees, as reflected in the positive feedback.

The remaining workshops will take place in-person in Sault Ste. Marie (October) and Ajax (November), and virtually toward the end of the year. Registration for these remaining three workshops has yet to open.

Market Manual 7.8: Ontario Power System Restoration Plan (OPSRP)

The annual review of the OPSRP is set to kick off in the summer. As per the update procedure, an OPSRP review working group, consisting of key restoration participants, will be established in the event of significant changes to the plan; otherwise, an administrative/non-material update will be discussed primarily through the Emergency Preparedness Task Force (EPTF), will be discussed primarily through the Emergency Preparedness Task Force (EPTF), as well as the RSSC and

IESO/Nuclear Interface Committee (INIC) forums. Regardless of the extent of the updates, the next version is targeted for release in December 2024.

Dave Kwan (OPG) suggested replacing the use of 'annually' within the OPSRP to 'calendar year' to align with NPCC Directory #8. Saad committed to addressing the matter as part of the upcoming review.

Aditya Menon (Hydro One) requested that an advance copy of the next version of the OPSRP be provided, particularly in the event of a significant changes. Saad confirmed that an advance copy will be made available to all restoration participants.

Agenda Item 6: O&P Standards Development Updates

Helen Lainis (IESO) delivered the O&P Standards Development update.

(Details are provided in the meeting materials package)

FERC Order 901

Helen provided updates for Milestones 01 and Milestone 02 of FERC Order 901 and shared information about Milestone 03 and Milestone 04. She detailed the new standard's intent to evaluate benchmark events where sufficient generation is available to supply load.

Project 2022-02 Uniform Modeling Framework for IBR

Status: Comment period for the Standard Authorization Request closes June 24, 2024, and affects TPL-001-5.1 (Transmission System Planning), MOD-032-1 (Data for Power System Modeling and Analysis, and IRO-010 (Reliability Coordinator Data Specification and Collection).

BAL-007-1 – Near-term Energy Reliability Assessments and BAL-008-1 - Seasonal Energy Reliability Assessments

Status: Comments and ballot for Draft 2 due June 20, 2024.

Transmission System Planning Performance Requirements for Extreme Weather – TPL-008-1 (New Standard).

Helen provided the details of this new standard whose intent is to address the reliability gap pertaining to the consideration of extreme heat and cold weather events that exist in current transmission planning standards (e.g., NERC Reliability Standard TPL-001-5.1 – Transmission System Planning Performance Requirements).

Agenda Item 7: NERC Standards Implementation Roadmap

Sarraa Garada (IESO) delivered the NERC Standards Implementation Roadmap.

Sarraa gave a brief overview of the Ontario Effective Dates for reliability standards. Refer to the details in the meeting materials package.

Agenda Item 8: MACD Update (Self Certifications, compliance assessments)

Cristian Dragnea (IESO) delivered updates from MACD.

Cristian provided a verbal update from MACD, including the self-certification (SC) Program and the survey for PRC-012-2 applicability.

Agenda Item 9: PRC-006-NPCC-3 Automatic Underfrequency Loadshedding

Scott Berry (IESO) delivered updates on PRC-006-NPCC-3.

Scott delivered a presentation on behalf of Constantin Chitescu (OPG), on the work being done on NPCC regional standard PRC-006-NPCC-3 – Automatic Underfrequency Load Shedding. Scott clarified the goal of this project, its status, and the next steps, including the implementation plan and actions to obtain approval for posting. Details are available in the meeting materials package.

Agenda Item 11: Closing Remarks

Pirouz Honarmand invited the members to share within the next month topics of interest they would like to discuss at the next RSSC meeting.

Adjournment

Pirouz Honarmand reminded participants that the next hybrid RSSC meeting will be held on September 12th, for which the Teams invitation has already been sent. He thanked all the participants for participating and adjourned the meeting at 11:58 AM.

Action Items at Completion of 2024 RSSC Q2 Meeting

ID	Date	Assignee	Action	Status	Comments
Q2-2023-01	2023-05-16	Dan Kathir (IESO)	To check if CIP contacts can be added to IESO portal	Open	
Q1-2024-01	2024-03-14	Helen Lainis (IESO)	To provide Explanation on OEB Review Process start date for EOP-012-2	Open	