# Minutes of the Meeting
# Q3 2024 RSSC: Meeting #62

Meeting date: 09/12/2024
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<br>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 |

Connecting Today.
Powering Tomorrow.

| 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 |
| Tabasum Bandey | Bruce Power | Teleconference -  MS Teams |

## Agenda Item 1: Welcome Remarks

Pirouz Honarmand kicked off the 62nd RSSC meeting at 9:30, welcoming participants. He discussed some house keeping items such as safety message along with evacuation details for the 16th floor for the attendees. All participant were requested to introduce themselves on the call.

## 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. Emma Halilovic moved to adopt the meeting minutes, seconded by Dave Kwan. The minutes were adopted as drafted.

## Agenda Item 3: CIP standards Development Update

**Dan Kathir delivered the CIP Standards Development Update.**

Dan Kathir presented updates for the CIP development projects listed below. Refer to the meeting materials package for details.

- Project 2020-04: Modifications to CIP-012-1
- Project 2023-03 - CIP-015-1 – New Standard
- Project 2016-02 – Multiple Standards

Regarding CIP-002, Emma inquired whether the definition changes will be reflected in the upcoming ballots, and if for all new standards, any approved standards whether the definitions will be added. Constantin Chitescu also expressed similar interest. Dan responded in the affirmation stating yes that is the case.

Dan mentioned that "shared memory" now has a new definition.

The project is expected to be approved by the end of 2024.

- Project 2021-03 – CIP-002/CIP-014 – High Priority
- Project 2022-05 – CIP-008 – Low Priority
- Project 2023-04 - CIP-003 – High Priority
- Project 2023-06 – CIP-014 Risk Assessment Refinement
- Project 2023-09 Rish Management for Third-Party Cloud Services

**Other Items**: Dan mentioned that he was unsuccessful in his bid to be selected to one of NERC's CIP standards drafting teams.

Following an inquiry by Adtiya M., Dan confirmed that his presentation will be shared.

Kurtis inquired as to what was driving the numerous changes to the CIP standards. Dan answered that CIP standards are trying to catch up with technology that is evolving at a fast pace, especially with the demand to host applications in cloud and similar topics being discussed.

**Action Item:**

Can CIP contacts be added to the IESO portal? This has been a standing action item since 2023. It was decided that the item will be kept open until resolved.

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

### Monica Adam delivered updates from MACD.

Monice A. began by discussing the 2024 Compliance Monitoring Plan, and what is to be expected in the 2025 CMP in the spring. It was noted that the presentation slides will be shared with the meeting participants for their records. Refer to the meeting materials package for details.

- Monica mentioned that self-certification count by standards is pending final review. She added that some market participants may be requested to discuss further details with MACD.
- While going over the lessons learned and recommendations for FAC-008-5, Monica highlighted that MPs pay attention to the Requirement R2 which is quiet broad. That is also where most non-compliances were found.
- PRC-005-06: Monica added that it is recommended to put in more effort in filling out the RSAWs. It is also recommended to add page numbers for a targeted search of facts and figures to make reviewing the documentation more efficient.
- Monica also mentioned that this year MACD is focusing on monitoring systems, and evidence for maintenance activities should be provided as well. It is also good practice to document protocols for maintenance activities since sometimes the evidence is not self-explanatory. She urged MPs to document activities and provide supporting documentation.
- Jag Bhel from MACD (IESO) presented the upcoming 2025 Compliance Monitoring Plan.

## Agenda Item 5: Emergency Preparedness Update

### Saad Ansari delivered the Emergency Preparedness update.

- Saad A. offered the following brief updates:
  - An Emergency Preparedness Task Force meeting is scheduled for October 10. Saad will share a draft of the Ontario Power System Restoratio Plan (OPSRP) at the next RSSC meeting in December 2024. Significant changes to the restoration paths will be made.
  - Next version: Effective Dec 14th .
  - A new version of the plan is expected by mid November 2024, any new updates will be shared in the restoration workshop. Two more in-person events are scheduled for 2024, one in Naigara and the other in Ajax.
  - A Virtual sessions is scheduled for December 20. Registration details and other information for the wokshop will be shared.

# Agenda Item 6: O&P Standards Development Updates

**Helen Lainis delivered the O&P Standards Development update.**

Helen Lainis presented updates for the O&P development projects listed below. Refer to the meeting materials package for details.

- FERC Order 901

Helen explained that the standards development process is to be expedited by gathering inputs.

- MOD-032-2 – Data for Power System Modeling and Analysis
- BAL-007-1 – Near-term Energy Reliability Assessments
- TPL-008-1 Transmission System Planning Performance Requirements for Extreme Weather

Helen added that NERC's goal is to have the IBR standards adopted before the end of the year and that at the focus has been on Energy Adequacy and Extreme Weather Preparedness.

At this point Helen addressed Action Item Q1-2024-01, providing an explanation of the OEB Review Process start date for EOP-012-2. The action was closed.

# Agenda Item 7: NERC Standards Implementation Roadmap

**Sarraa Garada 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: NERC Lessons Learned & NERC Alerts

**Pirouz Honarmand delivered the NERC Lessons Learned and NERC Alerts update.**

NERC had posted one Lessons Learned and one NERC Alert since the last RSSC meeting.

- Level 2 Alert: Inverter based Resource Model Quality Deficiencies – issued June 4, 2024.

- Submission deadline extended from October 23, 2024 to November 1, 2024.

David K. inquired about the IESO's process for responding to Level 2 and Level 3 NERC Alerts. Scott indicated that for those Alerts requiring data from market participants, the IESO will request the data from MPs, then consolidate and anonymize the data received before sending it to NERC.

# Agenda Item 9: IESO's 2024 NERC Standards Audit

**Scott Berry delivered the NERC Standard Audit Update.**

The IESO's audit preparations began in early 2022. Audit documentation included narratives describing internal controls. The IESO received NPCC's Audit Notification Letter (ANL) in Sept 2023.

The flow of events:

- Mar '22 – May '23: Pre-Mock Audit preparations - RSAWs, evidence and controls narratives

- June '23 – Jan '24: Mock Audit, remediation work; receipt of ANL and

- Sep '23 – Feb '24: Submission, SME training, pre-audit tasks from NPCC, responses to RFIs.

IESO hired external mock auditors to support our preparation. This proved to be a beneficial. The IESO was obliged to identify a prioritized list of standards for our audit preparation scope since our actual audit scope was not known at the time. The mock auditors reviewed and provided feedback on our audit documentation for that prioritized list of standards. The mock auditors assessed our readiness, and provided training for SMEs who were scheduled to be interviewed.

NPCC issued several requests for informaiton (RFI) between delivery of our ANL and the audit. NPCC focused heavily on internal controls.

Scott continued that the auditors performed on-site inspections of the IESO's primary and backup operating centres and data centres and, while doing so, conducted interviews with several IESO SMEs. These interviews resulted in the elimination of 75% of the O&P audit interviews. NPCC held an exit briefing to conclude the audit and committed to sending the draft audit report within 30 days. IESO allso received a post-audit survey from NERC and shared its response with NPCC.

Pirouz mentioned that the presentation for this portion of the meeting will not be shared with the participants.

Aditya asked about the IESO's assessment of the result. Scott indicted that the IESO's goal was to show 100% compliance which in our view we did. He however explained that NPCC identified one potential non-compliance. The overall result was viewed as positive with opportunities to improve.

David asked if the NPCC auditors had a technical background. Scott replied that the auditors were very technical for the transmission planning and CIP standards, which was an improvement compared to our previous audit experience.

## Agenda Item 10: Closing Remarks

Pirouz gave closing remarks, thanking everyone who attended and those who contributed to the discussions. He also invited attendees to suggest agenda items for upcoming RSSC meetings. The next meeting is schduled for Dec 11, 2024.

The meeting ended at 12:00 noon.

## Adjournment

## 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 the IESO portal | Open | |