

# Minutes of the Revenue Metering Standing Committee (RMSC)

**Meeting date:** Thursday December 14, 2023

**Meeting time:** 10:00 a.m.

**Meeting type/location:** Virtual (MS Teams)

**Chair/Sponsor:** Victoria Falvo, Sr. Manager, Meter Data Management

**Facilitator:** Tiberiu Abid, Engineering Supervisor, Revenue Metering

## Objective

Review, inform, and discuss with Metered Market Participants (MMP) and Metering Service Providers (MSP) changes and updates with regards to revenue metering in the IESO-administered markets.

All meeting material are available on the IESO website at: [IESO Revenue Metering Standing Committee](#)

## Agenda Item 1: Welcome Remarks

Victoria Falvo (IESO) welcomed everyone to the meeting. Victoria mentioned that a formal survey will not be included at the end of this meeting and encouraged all participants to engage and provide feedback throughout the meeting or by emailing us after the meeting.

## Agenda Item 2: Administrative Items

Tiberiu Abid (IESO) reviewed the list of open actions. There are currently two open action items and none was closed at the meeting. Refer to action item summary below for further details on status and progress.

## Agenda Item 3: IESO's Metering Updates

Zahir Gohgari (IESO) and Aaron Murphy (IESO) provided an overview of IESO's metering updates since the last RMSC meeting held in June 2023. For further details, please refer to the meeting materials.

## Agenda Item 4: Registration Approval Notification (RAN) Overview

Daniel Coffin (IESO) provided an overview of IESO's registration approval notification process and recommendations to make this process more efficient. The purpose of this presentation was to create awareness among the MSPs. For further details, please refer to the meeting materials.

#### Comments:

- 4.1 Ali Hassan (Rodan, MSP), inquired if the MSP may be permitted to submit some registration documentation by email in advance of the resource being created as part of IESO's facility registration process. Daniel Coffin (IESO), responded that some documentation, e.g., single line diagram, site-specific losses, measurement error correction, may be submitted in advance for IESO's review however, the subject documentation still has to be submitted through the formal Online IESO workflow. Tiberiu Abid (IESO) recommended the MSPs should inquiry with their MMP about future projects and request advanced information about the project scope and schedule so they can properly plan their work to meet the desired project milestones and deadlines. The metering registration is a highly collaborative process which requires coordination between multiple parties, e.g., IESO, MSP and MMP.
- 4.2 Rob Reid (N-Sci, MSP), inquired if the current IESO processes allow the execution of facility registration and metering registration in parallel. Tiberiu Abid (IESO) responded that the IESO reviewed the two registration processes and implemented a limited parallel registration streams. Note, some metering registration tasks are still dependent on completion of certain facility registration tasks and therefore, fully parallel registration paths are not feasible. Vito Genovese (Alectra, MSP) also highlighted that meter registration process has two main dependencies with other process activities, i.e., a resource has been created and the MMP designates their MSP in regards to the subject resource.

### Agenda Item 5: Hydro One Communication Upgrades – BGAN Solution

Nikola Tripic (Hydro One, MSP) provided an overview of their BGAN solution. RMSC members are encouraged to reach out directly to Nikola at [Nikola.Tripic@HydroOne.com](mailto:Nikola.Tripic@HydroOne.com) for a copy of the presentation and/or to inquire for more information.

#### Comments:

- 5.1 Vito Genovese (Alectra, MSP) inquired if Hydro One will offer this solution to other MSPs. Nikola Tripic (Hydro One, MSP) replied that this solution was provided solely for Hydro One's use.
- 5.2 Daniel Dillon (Thunder Bay Hydro, MSP) inquired about the cost to implement the solution. Nikola Tripic (Hydro One, MSP) requested the RMSC members to reach out directly to him to inquire about design details and costs.
- 5.3 Victoria Falvo (IESO) inquired how long it takes to implement the solution, considering today's challenges with supply chain. Nikola Tripic (Hydro One, MSP) indicated that, based on their knowledge, there no particular concerns with supply chain to timely implement the solution.
- 5.4 Robert Stancu (IESO) inquired if Hydro One considered any alternate solutions, e.g., Starlink communication. Nikola Tripic (Hydro One, MSP) replied that Hydro One did not explore other

solutions. Daniel Dillon (Thunder Bay Hydro, MSP) mentioned they have implemented a Starlink solution but it didn't work as expected.

## Agenda Item 6: Round Table

Nikola Tripic (Hydro One, MSP) inquired about the IESO training program and when training sessions will be provided to the MSPs. Tiberiu Abid (IESO) responded that the IESO is considering scheduling one or two training sessions in the next year. As mentioned before, the IESO training is not designed to replace MSP's training of internal staff but rather, to provide in-depth training on complex metering registration requirements, e.g., site-specific losses, measurement error correction, etc. Victoria Falvo (IESO) pointed out that IESO held back on training during 2023 mainly due to internal resource constraints.

## Agenda Item 7: Closing Remarks

Victoria Falvo closed out the RMSC meeting of December 14, 2023.

## Action Item Summary

Item	Date	Action	Status	Comments
1	Jun 2022	IESO to invite committee members to continue discussion relating to meter phase rotation and remedial plan.	Open	<p>Dec 14/23: MC issued S-E-08, revision 3, on September 28, 2023. The purpose of revision 3 was to: (i) clarify the position of Measurement Canada with regards to ABC versus CBA rotation and the vector diagrams in the standard drawings, and (ii) update the document according to the latest formatting requirements, which included modifying the document numbering. However, there are no specific revisions in the body of the specification and we believe the revisions are reflected in Appendix A—Standard Drawings for Electricity Metering Installations. This appendix is available upon request due to its large size. To obtain a copy, please send an email to <a href="mailto:mcinfo-infomc@ised-isde.gc.ca">mcinfo-infomc@ised-isde.gc.ca</a>. To date, we were not able to obtain a copy of Appendix A for our review.</p> <p>June 23/22: Status quo – still waiting for Measurement Canada (MC) revisions            Dec 7/22: Status quo –still waiting for MC revisions            Dec 9/21: Follow up meeting conducted on Sep 15/21. The meeting did not yield any changes to the initial remediation plan.            Based on IESO's discussions with Measurement Canada, it has been recognized the need to revise the current Measurement Canada S-E-08 to ensure clarity regarding this issue. MC plans to revise the SE-08 by Q3-2022. Until then, IESO will pause the enforcement of the current remediation plan. There is no action required by the MSPs until S-E-08 specifications are clarified/ revised by Measurement Canada. The action item will stay open.            Jun 24/21: The IESO will schedule a follow up meeting with the MSPs to discuss this further.</p>
2	Dec 2022	IESO to consider options for creating a working group to further discuss evaluation methodology for commissioning report submissions.	In Progress	<p>Dec 14/23: No updates</p> <p>June 22/23: IESO is in process of analyzing commissioning reports to determine reasons and trends for rejecting metering commissioning reports. Based on the analysis results, the IESO will decide on the scope and framework of the working group</p>

