Meeting Summary: MRP Implementation Working Group

Meeting date: December 6, 2023
Meeting time: 2:30 p.m

Meeting location: Microsoft Teams Meeting
Chair/Facilitator: Candice Trickey / Maria Go

Invitees	Representing	Attendance Status (Attended / Regrets)
Hisham Omara	Alectra	Regrets
Margaret Koontz	Atura Power	Regrets
Noralyn Vasquez	Atura Power	Regrets
Alvin Zhang	Bruce Power	Attended
Anshul Jain	Bruce Power	Attended
Sandra Meyer	Bruce Power	Attended
Chris Sutherland	Capital Power	Attended
David Snider	Capital Power	Attended
Wei He	Capital Power	Attended
Jennifer Anderson	Capital Power	Attended
Brittany Ashby	Electricity Distributors Association	Regrets
Marc Robitaille	Evolugen	Attended
Nancy Demers	Hydro Quebec	Attended
Francois Abdelnour	Ivaco Rolling Mills	Attended
Lynn Wizniak	Ontario Power Generation	Attended
Jason Chee-Aloy	Power Advisory, LLC	Attended
Sarah Simmons	Power Advisory, LLC	Attended
Dave Forsyth	Rodan Energy Solutions	Attended

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Chris Cincar	Ontario Energy Board	Regrets
Freed Akhter	Ontario Energy Board	Attended
Thomas Eminowicz	Ontario Energy Board	Regrets
Jennifer Jayapalan	Workbench Energy	Attended
Candice Trickey	IESO	Attended
Cynthia Sidalak	IESO	Attended
Heidi Tran		Attended
Maria Go	IESO	Attended
Sushil Shah	IESO	Attended
Stephen Nusbaum	IESO	Attended

MRP Implementation Working Group Meeting Summary December, 6, 2023

Agenda Item 1: Welcome; Agenda and Standing Items Review

- The Chair welcomed attendees to the seventh Implementation Working Group (IWG) meeting for the Market Renewal Program (MRP). The Chair walked through today's agenda, the MRP IT Solutions Overview, and the action items from the last IWG meeting.

- The Chair indicated that the Lessons Learned from the RSS Project and how they will be applied to MRP will also be presented to the Stakeholder Advisory Committee (SAC) at the first meeting next year.

- The IESO still continues to participate in discussions with Hydroelectric facilities on the reference levels and an update will be provided during the December 15 Stakeholder Engagement meeting.

- The Chair updated members that the project continues to be on track for Go-Live on May 2025. The IESO has completed work on the Demand Forecast System and Online IESO.

- The IESO has issued the updated technical specifications for Market Information Management and Dispatch Services, the IESO Charge Types and Equations list, and sample, schema, and help files for some of the IESO Reports.

- In terms of market participants' activities, the first phase of testing, Connectivity Testing, will start at the end of January 2023. More sample, schema, and help files for some of the IESO Reports will be released by the end of the month for market participants to review. Format specifications for settlement statements will also be posted in Q2 2024.

- The MRP IT Solutions Overview will be converted from a system view to a milestone view to provide the members with better insight into activities and how they are tracked and will align with the information the IESO currently reports to the OEB.

Agenda Item 2: Update to Market Facing Reports (with materials)

- Sushil provided an overview on the memo that was sent to members that highlighted the changes being made to the Market Facing Reports. These changes are in addition to what was discussed during the June 2023 Implementation Working Group meeting and the June 2023 stakeholder engagement meeting.

- The memo outlines the new reports being created for MRP and removing some reports that have now been identified as out-of-scope as some of the details are in existing reports

- Stephen indicated that a detailed explanation will be given at the December 15, 2023 Stakeholder Engagement session on all of the reports that have been added, modified, and de-scoped.

- In regards to the Physical Transaction Dispatchable Resource Energy Price Report and Physical Transaction Non-Dispatchable Load Energy Price Report, they will be Market Participant Confidential reports so they will only be available to Market Participants when they access IESO Reports using their login credentials. They were previously annual reports but will now be accessible through the IESO Reports site.

- The Customer Energy Summary Report has the Day-Ahead Ontario Zonal Price but it will not include the Load Forecast Deviation Charge. Members indicate that they would like to see a report that will comprise of all of the components including the Load Forecast Deviation Charge to calculate their bill.

- For the information that would have been found in the Yearly Hourly Energy and Operating Reserve Price Report for Day-Ahead, Pre-dispatch, and Real-Time Reports, information will be provided through the daily price reports for Operating Reserve and Ontario Zonal Price.

Agenda Item 3: Update to Market Participant Training and Testing (with materials)

- Cynthia provided an update on Market Participant training and testing.

- The IESO is having difficulties including settlement scenarios in the participation overview modules and these won't be included. The IESO will inform market participants when the modules will be available.

- The IESO will be providing more details to Market Participants on when resource and facility information will be copied over from the Production environment to the Sandbox environment next year.

- Maria indicated that the difference between the training modules and training guides are the modules go through a day-in-the-life for a specific market participant type from registration, participation in the day-ahead and real-time market, and to settlements whereas the training guide is posted on the IESO MRP website to provide a brief overview of the market participant type.

- It was indicated that the API accounts used for RSS testing should still work but market participants should still test these accounts to confirm. If market participants need assistance, they can contact the IESO.

- In order to produce quality settlement statements that market participants can use during end-to-end testing, the MRP Implementation Team is recommending market participants who have dispatchable resources to provide measurement data to the IESO for specific trade dates and limited to a maximum of 5 resource per organization. Market participants that do not submit measurement data will still receive settlement statement and data files during end-to-end testing but the measurement data will be imported by the IESO into the Sandbox environment and the trade date will be chosen by the IESO. Attendees expressed potential concern with the limitation on the number of resources that they can submit measurement data for. Participants can contact their Business Advisor directly if

they need to test more than five different resource types and the IESO will consider exceptions depending on the IESO's capacity to set up the data.

Agenda Item 4: Lessons Learned from the RSS project (with materials)

- Maria went through the lessons learned that she experienced while supporting the RSS Market Trials as a Business Advisor, what she heard from market participants and how MRP will address the lessons learned.

- IWG members indicated that there are still existing issues regarding the recalculation of settlement statements. IESO to confirm that the lessons learned capture the root cause for errors found in certain charge types after RSS was in service.

- A member asked where the IESO expects market participants to be at this point in their readiness efforts and at the next Readiness survey. The IESO needs more information on what participants need to do to assess whether they are on track at this point or not. The effort required for each participant is highly dependent on the extent to which their systems are automated. The purpose of this iteration of the Readiness survey is to help IESO understand what each participant needs to do, as well as where their efforts are at, and to help participants consider what they should be doing to prepare for MRP.

- A member also suggested the IESO give a hard deadline toward each critical task such as connectivity testing so that participants can make sure user accounts and other tasks are completed before connectivity testing. The IESO acknowledged the point and recommended activities such as account maintenance, account set up to be addressed before the start of connectivity testing, which is currently planned at the last week of January.

- Members sought clarity on when and how IESO will confirm that MRP systems are ready for go-live. The IESO will be using tools such as the readiness survey to track the status of readiness activities being conducted by market participants which will help identify the issues so that the IESO can help those market participants get ready on-time. The IESO has not determined exactly when it will make the final go-live decision but will inform market participants.

- A member asked why market participants need to wait until 2025 to conduct end-to-end testing even though the IT Solutions Overview shows that the majority of the tools are either completed or in the testing phase. The IESO indicated that the IT Solutions overview shows the status of individual tools but there is work that needs to be done to integrate them and test the integration before end-to-end testing.

- IWG members indicated that their development efforts will be more effective when the Sandbox environment is available.

Agenda item 5: Other Businesses, Next Steps, and Adjournment

- The IESO proposed the following Implementation Working Group Meeting Dates for 2024:
    1. Wednesday February 14, 2024

2. Wednesday April 17, 2024
3. Wednesday June 12, 2024
4. Wednesday August 7, 2024
5. Wednesday October 9, 2024
6. Wednesday December 4, 2024

- If IWG members have any issues with these dates, please send an email to market.renewal@ieso.ca. Additional dates may be added as needed.

- The IESO requested IWG members to provide market conditions that they would like the IESO to consider during end-to-end testing.

New Action Items:

- The IESO will confirm who is able to access the reports listed in the MRP IWG Update memo.

- The IESO will confirm which reports will have the Load Forecast Deviation Charge.

- The IESO to confirm which training module quick start gas generators should be reviewing.

- The IESO to confirm if intertie traders will be required to provide measurement data to the IESO for specific trade dates.

- The IESO to see if we can provide a list of charge types each participant type should be aware of.

- IESO to confirm that the lessons learned capture root cause for errors found in a certain charge types after RSS was in service.