MRP Implementation Working Group
Market Participant Training and Testing Update

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Agenda

- Market Participant Training Update

- How Market Participants can prepare for Connectivity Testing
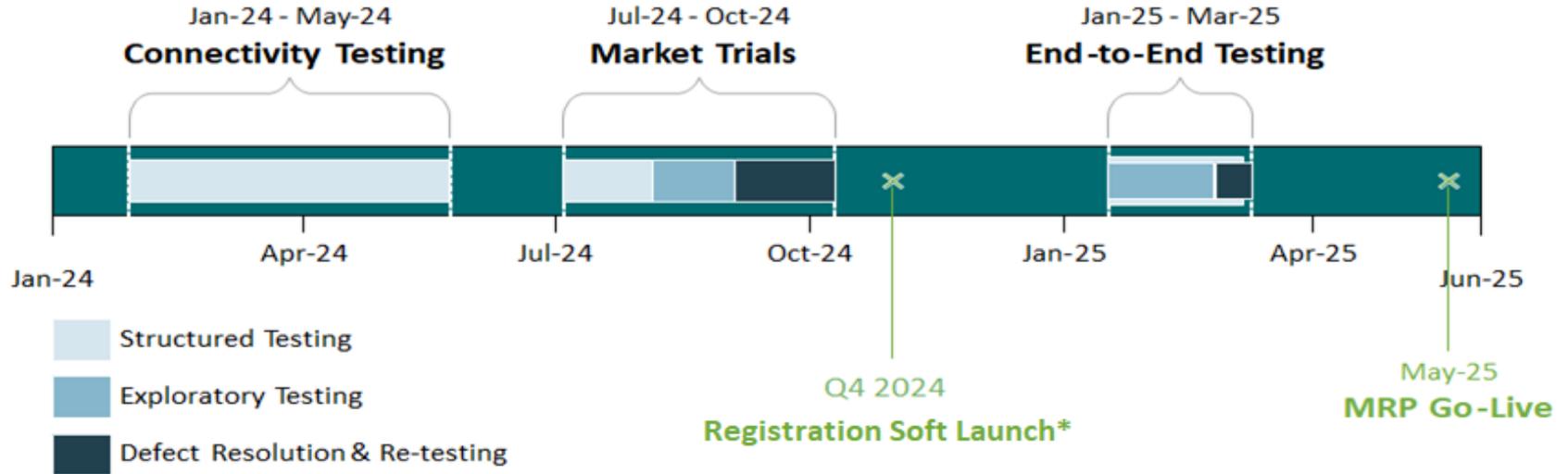
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Market Participant Training Update

- MRP plans to release a number of Market Renewal Program Overview Presentations segmented by market participant type

  - These will provide an outline of participation in the renewed market spanning the full range of activities from market registration to settlement

- The first two, for non-quick start generator offer guarantee-eligible resources and for pseudo-units, will be available in January

- A follow up question and answer session will be scheduled for those who have reviewed the presentations

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Market Participant Training Update

- Modules for hydroelectric resources and storage will be available in January

- Later modules will address intertie trading, virtual transactions, non-dispatchable load, price-responsive load and dispatchable load

- Each batch released will be followed by a question and answer session for those who requested access to the training

Testing Timeline

Jan-24 - May-24
Connectivity Testing

Jul-24 - Oct-24
Market Trials

Jan-25 - Mar-25
End-to-End Testing

Apr-24　　　Jul-24　　　Oct-24　　　Jan-25　　　Apr-25

Jan-24　　　　　　　　　　　　　　　　　　　　　　Jun-25

Structured Testing

Exploratory Testing

Defect Resolution & Re-testing

Q4 2024
Registration Soft Launch*

May-25
MRP Go-Live

***Registration Soft Launch:** Market Participants' new MRP market registration data that has been submitted will be available to view and change in the Production Online IESO tool. New parameters will not be used by downstream systems until MRP Go-Live.

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Preparing Market Participant Systems for Testing

- Review client and browser compatibility requirements available in the Participant Technical Reference Manual (note: MRP is not introducing any changes to this document but is currently being updated to reflect current system requirements).

- Begin to assess and develop changes in your own Sandbox systems based on the API Technical Specifications released for Dispatch Services and the Market Information Management (MIM) System, the List of IESO Charge Types and Equations, and the sample and schemas files for new and updated market and system reports.

- Review and update your organization's user and associated contact roles in Online IESO Sandbox.

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Registering New Sandbox API Accounts

- The Rights Administrator will need to log into Online IESO Sandbox, and register new API accounts and IP addresses that will be used for testing in the Sandbox environment for impacted tools.

- If market participants are using an existing API account and IP address that has already been whitelisted in Sandbox, then no registration action is required.

- It is recommended that market participants who use API accounts to access MIM, Dispatch Services, and Reports Site in Production to have any new API accounts registered and whitelisted in the Sandbox environment at least 2 weeks prior to when Market Participants plan to start their Connectivity Testing.

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Participate in Testing and Registration for qTest

- Market participants should send an email to market.renewal@ieso.ca if they intend to participate in MRP System Testing, and to obtain instructions on how to gain access to the IESO's test case management tool (qTest).

- This email can only be sent by a known user to the IESO (i.e. Applicant Representatives, Authorized Representatives, Rights Administrators, or Primary Contacts). Once validated, the sender will receive a *Form of Acknowledgement and Undertaking* for qTest.

- Only an Applicant Representative, Authorized Representative, Rights Administrator, or Primary Contact can sign the Form of Acknowledgement and Undertaking for their organization.

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Participate in Testing and Registration for qTest

- Market Participants can attach a schedule to the *Form of Acknowledgement and Undertaking* if they anticipate to have more than 3 qTest users.

- Submit the completed and signed *Form of Acknowledgement and Undertaking* to customer.relations@ieso.ca.

- Access will only be granted to registered contacts from your organization. These are contacts who currently have an IESO Gateway account.

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If Market Participants choose not to use qTest…

- An Excel file that lists out the test cases that market participants will be required to run during each test phase will be posted on the Market Renewal webpage. The IESO will notify MRP contacts by email when these files become available.

- Market participants will be required to record their test results in the Excel workbook and send it back to customer.relations@ieso.ca by the end of each test phase.

- Market Participants will need to submit any defects while testing to customer.relations@ieso.ca as soon as possible and provide details on the defect that they are experiencing.

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Kick-off and Wrap-up Meetings

- A kick-off meeting will be scheduled before the start of each test phase to provide market participants an overview of the test phase, the testing schedule, and a high-level description of the test cases that will be executed.

- A wrap-up meeting will be scheduled at the end of each test phase where the IESO will communicate what the IESO learned during the test phase, if there are open defects and how and when the IESO plans to resolve them, and next steps.

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Collecting Cascade Group and Forebay Data for Testing

- Hydroelectric Generators are requested to submit Cascade Group, Forebay Name, Forebay Sequence ID, and Time Lag (optional) data for their resources to support Market Trials.

- Impacted Market Participants are asked to submit the Cascade Group and Forebay registration information for their resources by the end of April 2024.

- If Hydroelectric resources do not identify themselves as part of a cascade group, they will be treated as an independent resource during Market Trials and End-to-End Testing.

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Settlement Statements During End-to-End Testing

To produce quality settlement statements that market participants can use during end-to-end testing, the MRP Implementation Team recommends that MP testers provide measurement data to the IESO for specific trade dates.

- Measurement data at the delivery point should be submitted for multiple trade dates.

- Data collection will be limited to a maximum of 5 resources per organization.

- Market participants testers who do not submit measurement data may still receive a settlement statement and data file during end-to-end testing if they participate in the submission of bids and offers and receive schedules in return.

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Thank You

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