
JANUARY 22, 2024

Market Renewal Program (MRP): Kick-off Meeting for Connectivity Testing

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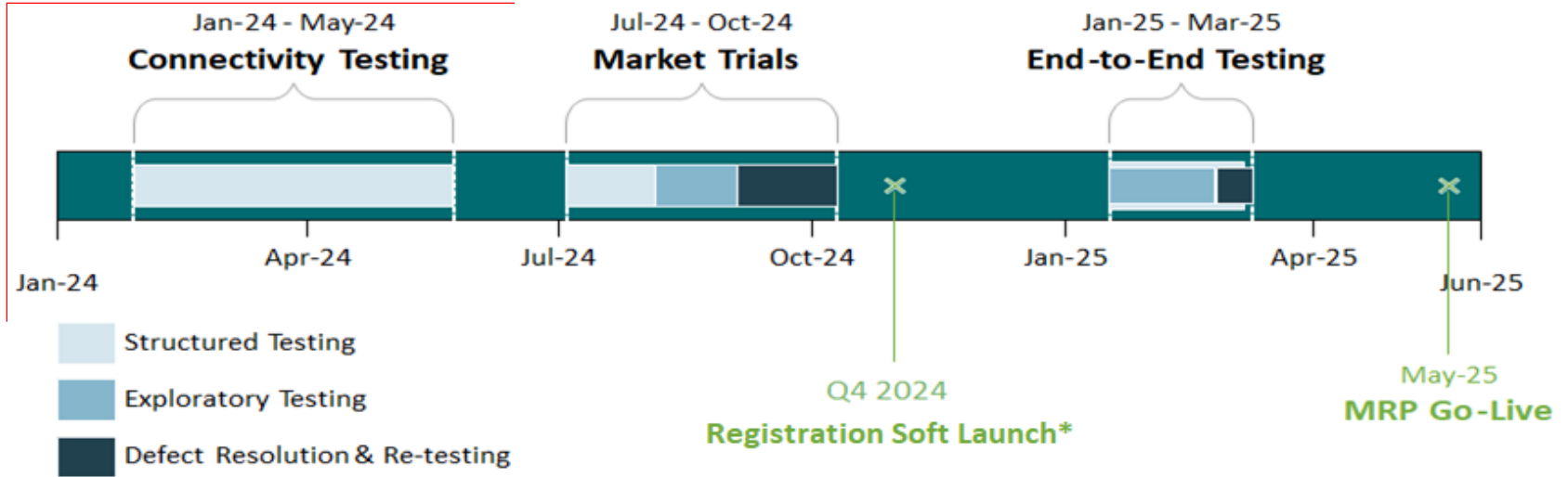
Agenda

- Testing Objective
- Preparation for Testing
- Test Case Execution
- qTest Registration

Market Participant Testing Objective

- Prepare Market Participants (MPs) for upcoming MRP-related market changes
- Familiarize stakeholders with MRP-related tools and interface changes
- Identify defects to ensure tools are error-free and MPs can interact seamlessly

Testing Timeline



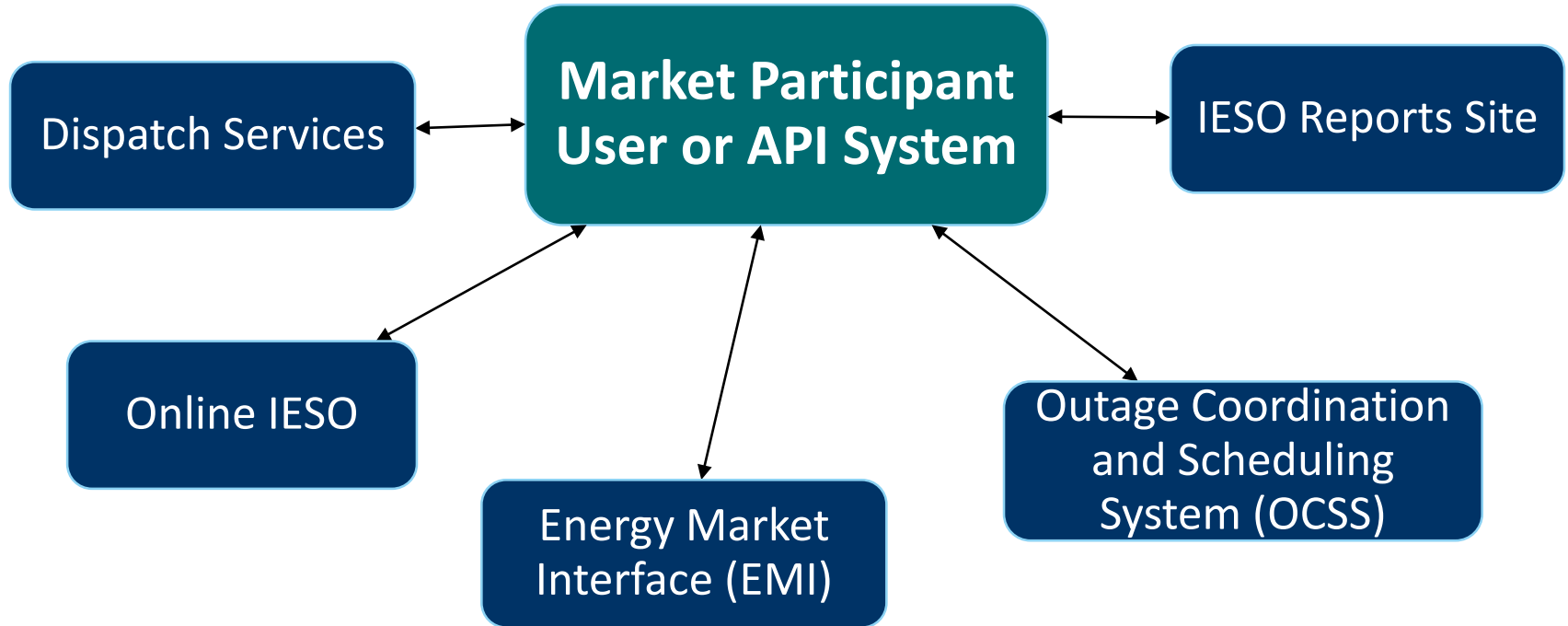
***Registration Soft Launch:** Market Participants' new MRP market registration data that has been submitted will be available to view and change in the Production Online IESO tool. New parameters will not be used by downstream systems until MRP Go-Live.

Connectivity Testing

Objective: Ensure that Market Participants are able to access the tools that will be used during testing.

- Confirm that all test user accounts are assigned to a current user of a market participant organization and have the correct contact roles associated to their account
- Confirm that the test API accounts have the correct IP addresses that have been whitelisted by the IESO and that the correct contact roles have been associated to the account
- Confirm all IESO-MP communications channels are functioning

Connectivity Testing



Connectivity Testing

Market Participants will be able to test to confirm that users (via the graphical user interface (GUI)) and/or API systems can access the following applications in the Sandbox environment:

Application Name	New or Existing	URL
Online IESO	Existing	https://gateway-sbx.ieso.ca
Energy Market Interface (EMI) (via GUI)	New	https://gateway-sbx.ieso.ca
Energy Market Interface (EMI) (via API/MWT Toolkit)	New	https://webservices-sandboxmrp.ieso.ca/emim

Connectivity Testing

Application Name	New or Existing URL	URL
Dispatch Services (via GUI)	New	https://gateway-sbx.ieso.ca
Dispatch Services (via API)	New	https://webservices-sandboxmrp.ieso.ca/dispatches
IESO Reports Site (via GUI)	Existing	http://reports-sandbox.ieso.ca/
IESO Reports Site (via API)	Existing	https://reports-sandbox.ieso.ca/api/v1.1/
Outage Coordination and Scheduling System (via GUI)	Existing	https://gateway-sbx.ieso.ca
Outage Coordination and Scheduling System (via API)	Existing	https://webservices-sandbox.ieso.ca/ocss/OCSSWebServiceSOAP?wsdl

What should MPs do to prepare for Testing?

- Review and update your organization's contact roles in Online IESO Sandbox.
- Review client and browser compatibility requirements noted in the Participant Technical Reference Manual (note: MRP is not introducing any changes to this).
- Send an email to customer.relations@ieso.ca to indicate your intention to participate in testing.
- Sign the *Form of Acknowledgement and Undertaking* to obtain access to qTest.
- Register new Sandbox API accounts and IP addresses 2 weeks before testing.

Resources to Help with Testing

- Information related to MRP Market Participant Testing will be posted on the [Market Participant Testing](#) section of the Market Renewal webpage. Current resources include:
 - MRP Market Participant Test Plan
 - List of Online IESO Contact Roles Needed for Market Participant Testing
- The 11 test cases, issue log, and other supporting files for Connectivity Testing will be available on the [Market Participant Testing](#) webpage on the week of January 22, 2024.



IESO Gateway – Test Case Demo

How MPs Can Access MRP Test Cases (Method 1)

There are two ways that Market Participants can access the MRP test cases.

Method 1: qTest (recommended)

A test case management tool that Market Participants can use to view test cases that were created by the IESO, log any defects that they may observe during testing, and record their execution and test results

Registration and Setup of qTest Accounts

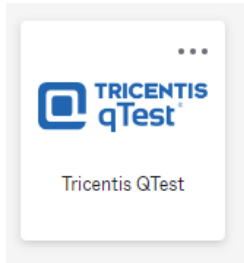
- Registration and setup of qTest accounts is now open.
- Market Participants will need to send an email to customer.relations@ieso.ca to indicate that they will participate in MRP Sandbox testing. This email can only be sent by a known user to the IESO (i.e. Applicant Representative, Authorized Representative, Rights Administrator, or Primary Contact). In return, they will receive a *Form of Acknowledgement and Undertaking* that their organization must sign in order to grant their users access to qTest.

Registration and Setup of qTest Accounts

- Market Participants can attach a schedule to the *Form of Acknowledgement and Undertaking* if they anticipate to have more than 3 qTest users.
- The Applicant Representative, Authorized Representative, Rights Administrator, or Primary Contact can sign the *Form of Acknowledgement and Undertaking*.
- 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.
- qTest will be accessed via the IESO Gateway using your Production account.

qTest

- qTest will be available through <https://gateway.ieso.ca>



The screenshot displays the qTest Manager interface. The top navigation bar includes 'MPT_Organization Name', 'Test Plan', 'Requirements', 'Test Design', 'Test Execution' (selected), and 'Defects'. The left sidebar shows a tree view with 'MPT_Organization Name' expanded to 'Connectivity Testing', which includes 'CROW-API', 'CROW-UI', 'EMI-UI', 'IESO Gateway', 'Reports Site-UI', and 'Reports Site-API'. The main content area shows 'Test Cycle CL-2' for 'CROW-API'. Below this, there are tabs for 'Statistics', 'Properties', 'Defect Summary', and 'Execution Summary'. The 'Statistics' tab is active, showing a summary of test runs: 1 Test Run, 0 Executed (0%), and 1 Unexecuted (100%). A progress bar is visible to the right of these statistics. Below the summary, there is a 'Status: All' dropdown and a '+', a refresh icon, and a 'QUICK' button. At the bottom, a table lists test runs with columns for selection, ID, NAME, STATUS, TEST CASE VERSION, ASSIGNED TO, and EXECUTED START.

<input type="checkbox"/>	#	ID	NAME	STATUS	TEST CASE VERSION	ASSIGNED TO	EXECUTED START
<input type="checkbox"/>	1	TR-8	TC01-Access CROW/ OCSS Using Web API	Unexecuted	1.0	Deepthi Kala Sreekumar	

How MPs Can Access MRP Test Cases (Method 2)

Method 2: Connectivity Testing - Issue Log Template

- Market Participants can record their test results manually using the *Connectivity Testing – Issue Log Template*. This file can be downloaded from the [Market Participant Testing](#) section of the Market Renewal webpage.
- The file includes 11 worksheets that are related to each test case document.
- MPs that opt-out of using qTest should send their completed *Connectivity Testing - Issue Log Template* to customer.relations@ieso.ca with the subject line “MRP Market Participant Test Results.”

IESO Support During Testing

- If Market Participants have questions related to MRP Market Participant Testing, they can submit an email to customer.relations@ieso.ca.
- Market Participants will be notified of defect resolution and test cases they can be re-executed during the Connectivity Testing window.
- Sandbox systems will be available 24/7. Any questions submitted by Market Participants will be addressed during business hours (Monday to Friday from 9:00 AM EPT to 5:00 PM EPT).

Important Dates and Deadlines

- Connectivity Testing window: January 29, 2024 to May 24, 2024
- Connectivity Testing test results to be submitted to the IESO no later than May 24, 2024
- IESO to host Wrap-up Meeting for Connectivity Testing on June 7, 2024



Q&A Period for Market Participants

Thank You

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engagement@ieso.ca



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