

---

# Market Renewal Program (MRP): Pre-Production Connectivity Testing Plan (External)

Version 1.0  
February 28, 2025



## Document Change History

Issue	Reason for Issue	Date
1.0	Initial issue of the Market Renewal Program (MRP): Pre-Production Connectivity Testing Plan	February 28, 2025

# Table of Contents

<b>Document Change History</b>	<b>1</b>
<b>Table of Contents</b>	<b>2</b>
<b>1. Introduction</b>	<b>3</b>
<b>2. Pre-Production Connectivity Testing Phase</b>	<b>3</b>
2.1 What is in scope for Pre-Production Connectivity Testing?	3
2.2 What is out of scope for Pre-Production Connectivity Testing?	4
2.3 Who should be participating in Pre-Production Connectivity Testing?	4
2.4 Preparing for Pre-Production Connectivity Testing	4
2.5 List of URLs for MRP Applications for Pre-Production Connectivity Testing	4
<b>3. Pre-Production Connectivity Testing Schedule</b>	<b>5</b>
<b>4. Accessing Test Cases and Submitting Results to the IESO</b>	<b>6</b>
4.1 How to Access Test Cases during Pre-Production Connectivity Testing	6
4.2 Assigned Test Cases for Market Participants	6
4.3 Reporting of Issues and Re-execution of Test Cases	6
4.4 Submission Deadline of Test Cases Results	8
<b>5. Availability of the in-scope Applications during Pre-Production Connectivity Testing</b>	<b>8</b>
<b>6. IESO Support and Communication</b>	<b>8</b>
<b>7. Additional Resources to Support Pre-Production Connectivity Testing</b>	<b>9</b>

# 1. Introduction

To ensure that external stakeholders are ready for MRP Go-Live on May 1, 2025, the IESO has provided Market Participants (MPs) extensive opportunities to become familiar with the changes being made to the tools and interfaces that are changing because of MRP, to help identify any defects within the IESO's systems, and to provide Market Participants confidence that their systems can interact with IESO's market-facing applications prior to the new and updated systems being implemented next year.

In response to feedback received from stakeholders on MRP's testing approach, the IESO will be offering two additional testing activities for Market Participants to verify that they can smoothly transition to the new Production systems : Pre-Production Connectivity Testing and Cutover Testing. This test plan is focused on **Pre-Production Connectivity Testing**.

The purpose of this document is to:

- provide an overview of what Pre-Production Connectivity Testing is,
- provide guidance on how Market Participants can prepare for Pre-Production Connectivity Testing,
- outline key dates and information that Market Participants will need to be aware of to complete their testing activities on time, and
- identify who Market Participants can contact to receive testing support during this period.

## 2. Pre-Production Connectivity Testing Phase

The objective of Pre-Production Connectivity Testing is to ensure that Market Participants can access the new and updated market facing systems and address connectivity issues prior to the cutover to the Production environment starting on April 30, 2025. If Market Participants are interested in participating in Cutover Testing that is scheduled to run from March 31, 2025 to April 2, 2025, Market Participants must participate in Pre-Production Connectivity Testing.

The Pre-Production Connectivity Test Phase will span two (2) weeks and is scheduled to start on **March 17, 2025** and end on **March 28, 2025**.

### 2.1 What is in scope for Pre-Production Connectivity Testing?

Market Participants will **only be testing their access and connectivity** to the following applications:

- Energy Market Interface (EMI),
- Market Information Management (MIM) System via the API Tool and the MIM Web Services Toolkit (MWT) ,

- Dispatch Service via the graphical user interface (GUI), and
- Dispatch Service via web services

## 2.2 What is out of scope for Pre-Production Connectivity Testing?

The following applications will be out of scope for Pre-Production Connectivity Testing:

- Online IESO,
- Outage Coordination and Scheduling System (OCSS), and
- IESO Report Site for Public and Confidential Reports

The URLs for the Production environment for these applications will remain the same when MRP goes live on May 1, 2025.

Market Participants will not be submitting bids and offers in MIM, nor receiving and responding to dispatch instructions and commitment notifications during this test.

Market Participants will also not be conducting any exploratory testing during Pre-Production Connectivity Testing.

## 2.3 Who should be participating in Pre-Production Connectivity Testing?

Pre-Production Connectivity Testing is highly recommended for Market Participants who own dispatchable resources.

Pre-Production Connectivity Testing is only mandatory for Market Participants who wish to participate in Cutover Testing that is scheduled to start on March 31, 2025 and end on April 2, 2025.

## 2.4 Preparing for Pre-Production Connectivity Testing

Market Participants will use their Production accounts to participate in Pre-Production Connectivity Testing. No additional setup is required although Market Participants are highly encouraged to review their account permissions before **March 17, 2025** to avoid delays in their test activities. Market Participants can refer to the [List of Online IESO Contact Roles Needed for Market Participant Testing](#) to verify that they have the correct participation contact roles assigned to them. Market Participants should work with their organization's Applicant Representative to assign them the correct role(s) in Production Online IESO.

## 2.5 List of URLs for MRP Applications for Pre-Production Connectivity Testing

Table 1 of this section contains a list of the URLs for the MRP applications in the Pre-Production environment. It lists the URLs for applications that can be accessed via the web interface and through a Market Participant's API tool.

If Market Participants are using the web interface to access EMI and Dispatch Service, these applications will appear as separate tiles on the Production environment of IESO Gateway. Note that there will be two tiles for EMI and two for Dispatch Service, one representing the application used for the current (legacy) market and the other for MRP Production Connectivity Testing.

**Table 1 | List of URLs for MRP Applications in the Pre-Production Environment**

Application	Interface	Existing or New URL	URL
EMI	Via IESO Gateway	Existing	<a href="https://gateway.ieso.ca/">https://gateway.ieso.ca/</a>
EMI	GUI	New	<a href="https://emi2.ieso.ca/">https://emi2.ieso.ca/</a>
Market Information Management (MIM)	Web Service	New	<a href="https://webservices.ieso.ca/mim2">https://webservices.ieso.ca/mim2</a>
Dispatch Service	Via IESO Gateway	Existing	<a href="https://gateway.ieso.ca/">https://gateway.ieso.ca/</a>
Dispatch Service	GUI	New	<a href="https://dispatch2.ieso.ca">https://dispatch2.ieso.ca</a>
Dispatch Service	Web Service	New	<a href="https://webservices-prod.ieso.ca/dispatches/DispatchService?wsdl">https://webservices-prod.ieso.ca/dispatches/DispatchService?wsdl</a>

### 3. Pre-Production Connectivity Testing Schedule

Table 2 of this section lists the target dates of key activities that have been scheduled during the Pre-Production Connectivity Testing. The Pre-Production Connectivity Test Phase will span for two (2) weeks and is scheduled to start on **March 17, 2025** and end on **March 28, 2025**.

**Table 2 | Pre-Production Connectivity Testing Schedule of Activities and Events**

Activity	Target Date
Release of Test Cases and Issue Log Template for Market Participants	February 28, 2025
Start Date of Pre-Production Connectivity Testing	March 17, 2025
End Date of Pre-Production Connectivity Testing	March 28, 2025

## 4. Accessing Test Cases and Submitting Results to the IESO

### 4.1 How to Access Test Cases during Pre-Production Connectivity Testing

Market Participants will utilize similar test cases that were published for the first phase of Market Participant Testing, Connectivity Testing, where Market Participants were able to verify that they are able to log in and connect with the applications and interfaces that were available on the Sandbox environment. Market Participants will be able to access their test cases through qTest and the Issue Log Template. Refer to Section 7 in the [MRP Market Participant Test Plan](#) for more information.

### 4.2 Assigned Test Cases for Market Participants

Market Participants were to inform the IESO via the Market Renewal mailbox by February 14, 2025 if they wish to participate in Pre-Production Connectivity Testing. Test cases will be loaded in the Market Participants' qTest folder that expressed that they wanted to participate in Pre-Production Connectivity Testing. These test cases can be found in the sub-folder titled "Pre-Production Connectivity Testing" in the Market Participants' qTest folder.

### 4.3 Reporting of Issues and Re-execution of Test Cases

#### 4.3.1 Submitting Issues

Market Participants will be able to report issues they uncover through qTest or using the issue log template. All issues reported will be logged as defects in qTest.

Instructions on how to submit defects via qTest can be found in the [Quick Take: Submission of Test Case Results and Defects in qTest](#).

#### 4.3.2 Resolving Submitted Issues

Issues that have been investigated and addressed will be closed by the IESO. This includes system issues that have been corrected and retested successfully by Market Participants.

During this test phase, the IESO will also begin to close any defects that remain open for more than 10 business days without a response from the Market Participant. When an issue is closed due to lack of response, a notification will be sent via qTest to inform the Market Participant that the defect has been closed.

If Market Participants wish to re-open a closed issue, they can do so by updating its status in qTest to "Re-Opened." If Market Participants are using the Issue Log Template, they can notify the IESO to keep the investigation open by emailing [IESO Customer Relations Team](#) with the defect ID that needs to remain active.

#### 4.3.3 Defect (Issue) Prioritization

In qTest, Market Participants communicate the priority of their submitted issue to the IESO using the “Priority” drop-down menu. When the IESO reviews the issue, it will assign its own priority based on its assessed risk and impact to the IESO systems and business processes. Starting in End-to-End Testing, the IESO will update the “Priority” drop-down menu if it differs from what Market Participants submitted based on its assessment of the issue. Table 2 lists the IESO’s classification of defect priorities and their description.

**Table 2 | Classification of Defect Priorities**

Priority	Description
Critical	The defect will result in the failure of an IESO system(s) and will prevent the IESO from executing the applicable business process(es). The defect <b>must</b> be resolved prior to MRP Go Live.
High	The defect will result in the failure of a functional component of the IESO system(s), and no workarounds exist. A workaround needs to be developed that will have a material impact on the IESO’s business process(es). The defect <b>should</b> be resolved prior to MRP Go Live.
Medium	The defect will result in the failure of a functional component of IESO system(s). However, a workaround exists that will yield a desired result, and it does not have a material impact on the IESO’s business process(es). The IESO will target to resolve the defect prior to MRP Go-Live. If this target cannot be achieved, the IESO will communicate to Market Participants if and/or when the defect will be resolved in a future deployment.
Low	The defect does not result in the failure of a functional component and does not affect the execution of IESO business process(es). The IESO will communicate to Market Participants if the defect will be resolved in a future deployment or rationale as to why the defect will not be resolved.

#### 4.3.4 Re-execution of Test Cases

Market Participants will be notified by the IESO when applicable test cases are ready to be re-tested. If using qTest, Market Participants will receive a notification from the test case management tool when the status has been updated and/or a comment has been added to the defect record. Alternatively, Market Participants who submit their issues using the issue log template will be contacted by their business advisor via email if additional information is required or if a fix has been implemented. **To ensure that your organization receives timely support, Market Participants are highly encouraged to use qTest during this test phase.**



Market Participants are responsible for performing a re-test on their test cases to verify that the fix on their issues was successful. Market Participants can confirm via qTest or by emailing their business advisor. If the recommended solution was acceptable, Market Participants are reminded to mark the overall status of the test case as “Passed.”

#### 4.4 Submission Deadline of Test Cases Results

Market Participants should complete their assigned test cases and submit their test results to the IESO as soon as possible, but by no later than **March 28, 2025**. The IESO recommends for Market Participants to execute their test cases as early as possible to ensure that they can address system issues on their end and to re-run test cases that have been flagged for re-testing prior to the closure of the Pre-Production Connectivity Testing phase.

## 5. Availability of the in-scope Applications during Pre-Production Connectivity Testing

The pre-production applications for EMI/MIM and Dispatch Service will be available 24/7 during Pre-Production Connectivity Testing. However, there may be instances where these systems become unavailable due to scheduled security updates, patches, and/or application and infrastructure upgrades.

For scheduled outages, Market Participants should review the release notes under the IT Release Schedule and the Planned IT Outages page to be informed of when and how long these pre-production applications will be out of service.

For unplanned outages, Market Participants will be informed via an email to all MRP Contacts and current qTest users. The outage will also be posted on the Planned IT Outages to notify other stakeholders. Once the pre-production applications for EMI/MIM and Dispatch Service have returned to their regular availability, a follow-up communication will be sent to all MRP Contacts and current qTest users from the IESO’s Market Renewal mailbox.

## 6. IESO Support and Communication

General MRP enquiries and feedback should continue to be submitted to the IESO Customer Relations mailbox at [IESOCustomerRelations@ieso.ca](mailto:IESOCustomerRelations@ieso.ca).

To ensure that Market Participants receive dedicated and timely support during Pre-Production Connectivity Testing, the IESO will communicate to testers through the following channels:

- qTest: Market Participants will receive an email from the test case management tool when comments are added under their defect and test case records, and

- emails from the MRP Business Advisors: this communication channel will be used for participants who did not request access to qTest but submitted test results and issues to the IESO manually.

Questions and technical support will be addressed during business hours (Monday to Friday from 9:00 AM EPT to 5:00 PM EPT).

The Market Renewal Program also informs stakeholders of MRP-related updates and reminders for important events through its dedicated newsletter and direct emails to all MRP contacts.

## 7. Additional Resources to Support Pre-Production Connectivity Testing

[MRP Readiness Plan for Market Renewal Launch](#)

[Quick Take: Submission of Test Case Results and Defects in qTest](#)

[List of Online IESO Contact Roles Needed for Market Participant Testing](#)

---

**Independent Electricity  
System Operator**

1600-120 Adelaide Street West  
Toronto, Ontario M5H 1T1

Phone: 905.403.6900

Toll-free: 1.888.448.7777

E-mail: [customer.relations@ieso.ca](mailto:customer.relations@ieso.ca)

**ieso.ca**

 [@IESO\\_Tweets](https://twitter.com/IESO_Tweets)

 [linkedin.com/company/IESO](https://linkedin.com/company/IESO)