



APRIL 4, 2025

Wrap-Up Meeting for End-to-End Testing

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Agenda

- Overview of End-to-End Testing
- Current status and types of issues reported during End-to-End Testing
- Current Status of Test Scenarios
- Issue Resolution
- IESO's Classification of Defect Priorities
- Status update on outstanding defects presented at the fourth Q&A Session
- Open medium/low priority issues that will persist after MRP Go-Live
- Sandbox Environment after End-to-End Testing
- Upcoming MRP External Readiness Webinars

Overview of End-to-End Testing

As of April 1, 2025:

- 66 Market Participants participated in End-to-End Testing with representation from all market participant types.
- Market Participants submitted results for all 22 test scenarios and 42 out of the 43 test cases that were offered. The IESO also received results for 9 exploratory test cases that participants designed for their organization to test. All tested scenarios were passed.
- Over 1338 test cases were conducted by participants in End-to-End Testing.
- All reported defect related issues have been investigated and IESO is in the process of fixing remaining defects.

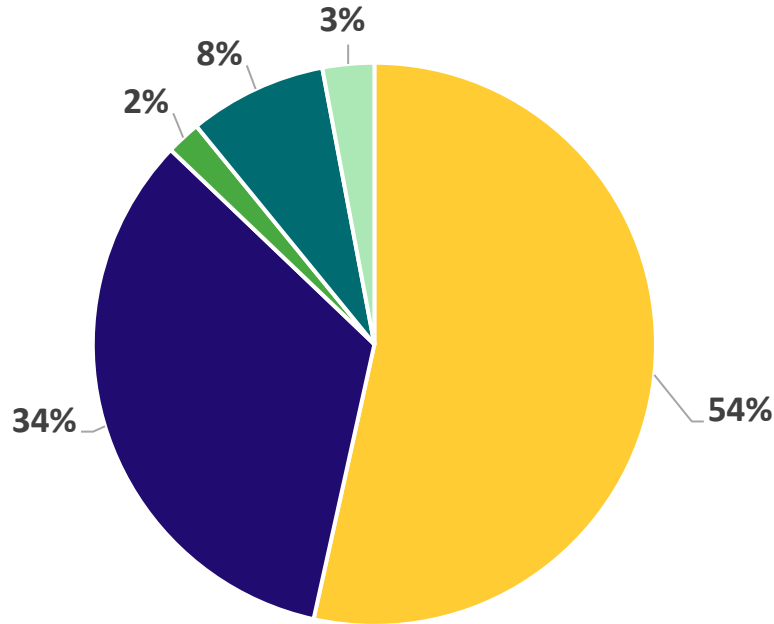
Current Status of Potential Issues in End-to-End Testing

Issue Status	Number of Issues
Being Investigated by the IESO	29
Ready to be Re-tested by the Market Participant	55
Waiting on additional information from the Market Participant	15
Closed	335
Total Number of Issues (as of April 1, 2025)	434

The types of issues reported include (but are not limited to):

- system issues that are corrected by the IESO and/or its application vendors,
- clarifying questions on the process or market rules in effect,
- updates required to the IESO's training documentation and supporting materials for testing,
- updates to the test scenario documents or test steps
- access-related issues for user and/or API accounts, and
- current system issues/enhancements that are out of scope for testing under MRP.

Type of Issues being reported by Market Participants as of April 1, 2025



- System Issues that are corrected by the IESO and/or its application vendors
- Clarifying questions on the process or market rules in effect
- Updates required to the IESO's training documentation and supporting materials for testing
- Access-related issues for user and/or API accounts
- Current system issues/enhancements that are out of scope of testing under MRP

Execution Status

A test scenario's execution status is considered **Passed** when:

- all test cases within that test scenario have been successfully executed by at least one market participant

Status of Test Scenarios as of April 1, 2025

Test Scenario No.	Execution Status	Notes
TS01 - Financial Reference Level (FRL) Change Request	Passed	
TS02 – DAM Failure	Passed	
TS04 - Notice of Disagreement (NOD)	Passed	
TS05 - Make-Whole Payment (MWP)	Passed	
TS07 - Market Power Mitigation (MPM)	Passed	

Status of Test Scenarios as of April 1, 2025 (cont.)

Test Scenario No.	Execution Status	Notes
TS08 - Intertie Curtailment	Passed	
TS09 - Fuel Cost Compensation Form	Passed	
TS11 - 1-Day Advance Approval Outage	Passed	
TS12 - Hourly Demand Response (HDR) Activation	Passed	
TS13 - Operating Reserve (OR) Activation	Passed	

Status of Test Scenarios as of April 1, 2025 (cont.)

Test Scenario No.	Execution Status	Notes
TS14 – OR Shortfall	Passed	
TS16 – GOG Commitment Terminated by the IESO	Passed	
TS17 - GOG Commitment Advancement and Extensions	Passed	
TS18 - GOG Commitment withdrawn by MP with more than 4 hours advance notice	Passed	

Status of Test Scenarios as of April 1, 2025 (cont.)

Test Scenario No.	Execution Status	Notes
TS19 - GOG Commitment withdrawn by MP with less than 4 hours advance notice	Passed	
TS20 – GOG Commitment Performance Failure	Passed	
TS21 - SEAL Constraint	Passed	
TS22 - MPM Global Threshold	Passed	
TS23 – Major Outage – EW Tie Binding	Passed	
TS24 – OR Clawback	Passed	
TS25 – Charge Type 144/145	Passed	
TS26 – Capacity Flag – Import/Export	No Reported Results	
TS27 – Resettlement Statement	Passed	

Issue Resolution

- The IESO will begin to close issues that have been resolved by the IESO, are open for more than 10 business days, and where a response or confirmation has not been received from the Market Participant.
- An email from qTest will be sent to participants to inform them that the issue is now closed, and a confirmation was not provided by the Market Participant.
- If Market Participants wish to re-open a closed record, they can do so by updating its status 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](#) with the defect ID that needs to remain active.



Status update on outstanding common defects presented during Q&A Session #4

IESO's Classification for Submitted Defects

Priority	Description
Critical	The defect will result in the failure of IESO's software system and will prevent the IESO from executing the applicable business process. The defect must be resolved prior to MRP Go-Live.
High	The defect will result in the failure of a functional component of IESO's software system 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 should be resolved before the end of End-to-End testing and 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 <u>does</u> not result in the failure of a functional component and does not affect the execution of IESO's business process. The IESO will communicate to Market Participants if the defect will be resolved in a future deployment or rationale on why the defect will not be resolved.

Outstanding common defects presented during Q&A Session #4

Reported Issue	IESO Priority Ranking	Issue status
The <i>Pre-Dispatch Schedules Report</i> is not being published due to data inconsistencies	Critical	<ul style="list-style-type: none">A fix will be delivered before MRP Go-Live. The IESO will communicate to Market Participants once it has been resolved.
Make-Whole Payments for PSU resources do not reflect mitigation in the settlement statement and data files	High	<ul style="list-style-type: none">A fix will be delivered before MRP Go-Live. The IESO will communicate to Market Participants once it has been resolved.

Outstanding common defects presented during Q&A Session #4 (cont.)

Reported Issue	IESO Priority Ranking	Issue status
The market settlement floor price is different than what was discussed with Market Participants as -\$2000 is being shown in the settlement files when it should be -\$100	High	<ul style="list-style-type: none">A fix will be delivered before MRP Go-Live. The IESO will communicate to Market Participants once it has been resolved.
External congestion is being calculated differently between the <i>Predispatch Hourly Intertie Energy LMP</i> Report and the <i>Realtime 5-Min Intertie Energy LMP</i> Report	High	<ul style="list-style-type: none">A fix will be delivered before MRP Go-Live. The IESO will communicate to Market Participants once it has been resolved.

Outstanding common defects presented during Q&A Session #4 (cont.)

Reported Issue	IESO Priority Ranking	Issue status
<i>The Variable Generation Foregone Energy Calculation Inputs</i> Report is not being generated when the settlement statements are published	High	<ul style="list-style-type: none">This has been fixed, the <i>Variable Generation Foregone Energy Calculation Inputs</i> Report was published for the trade dates March 24 and onwards. Market Participants can log into the Sandbox IESO Reports site to view the report.
Offers priced below reference levels were mitigated up to the values provided on <i>Financial Reference Level Values</i> Report.	High	<ul style="list-style-type: none">A fix will be delivered before MRP Go-Live. The IESO will communicate to Market Participants once it has been resolved.
Pre-Dispatch commitment was not appearing in the Pre-Dispatch Commitment Report	High	<ul style="list-style-type: none">A fix will be delivered before MRP Go-Live. The IESO will communicate to Market Participants once it has been resolved.

Outstanding common defects presented during Q&A Session #4 (cont.)

Reported Issue	IESO Priority Ranking	Issue status
When Market Participants submit the Service Price adder or Alternate Fuel Cost prices, it specifies CAD but it does not specify the unit of measurement.	Low	<ul style="list-style-type: none">The Quick Take: How to Submit Temporary Reference Level Change Requests for End-to-End Testing has been updated and now posted on the Market Participant Testing page.
The <i>Day-Ahead Schedule Report</i> does not display the reliability constraint codes which is inconsistent with the <i>Realtime Energy and Operating Reserve Dispatch Report</i>	N/A	<ul style="list-style-type: none">This was previously reported as a defect however this is consistent with the design of the report. The IESO has received a request to add this information to the report and will consider this enhancement request after MRP Go-Live.



Medium/Low defects that will persist after MRP Go-Live

Medium/Low defects that will persist after MRP Go-Live

Reported Issue	IESO Priority Ranking	Issue status
There are inconsistencies in how the delivery date and intervals are presented in the <i>Realtime 5-min Ontario Zonal Energy Price Report</i> and <i>Realtime 5-Min Virtual Zonal Energy Price Report</i>	Medium	<ul style="list-style-type: none">The IESO will provide an update on Medium and Low defects after the launch of the renewed market.
A GOG-eligible resource may receive a binding start notification when it is already online and will not be shutting down before the commitment associated with the notification (e.g. the current and upcoming commitments are bridged by PD)	Medium	<ul style="list-style-type: none">The IESO will provide an update on Medium and Low defects after the launch of the renewed market.

Medium/Low defects that will persist after MRP Go-Live (cont.)

Reported Issue	IESO Priority Ranking	Issue status
In the Pre-dispatch schedules report, dispatchable loads are currently receiving two duplicate schedules with types LD and DLD	Low	<ul style="list-style-type: none">• This also occurs in the current market Pre-dispatch schedules reports due to the different classification types of energy bids and OR offers for dispatchable loads. This is not related to MRP specifically.• The IESO will provide an update on Medium and Low defects after the launch of the renewed market.

Sandbox Environment after End-to-End Testing

- The Sandbox Environment is no longer available for testing.
 - Market Participants will no longer be able to access Online IESO, Market Information Management (MIM) system, Energy Market Interface (EMI), Dispatch Service, and the Outage Coordination and Scheduling System (OCSS) in Sandbox.
- The IESO Sandbox Report Site remains open to access operational reports and settlement statements published during End-to-End testing. Reports will remain available for 90 days from the date they were produced.
- All settlement statements produced for End-to-End Testing are available (preliminary statements up to March 26 and final up to March 19)
- Market Participants can continue to submit issues via qTest until Friday April 11. Afterwards, Market Participants are to submit issues to the IESO Customer Relations mailbox.

Upcoming MRP External Readiness Webinars

- The Cutover Test wrap-up meeting will be held **April 11, 2025**. MRP contacts will be notified via email when the registration link to this session becomes available on the [Implementation Engagement](#) section of the MRP webpage.
- The IESO is hosting a webinar on **April 16** from **1:00 to 2:30 p.m.** focusing on final preparations for the launch of the renewed market. This webinar will provide market participants and service providers with key information and reminders, including what to expect during the cutover period, and an opportunity to ask questions ahead of the launch. Market Participants can register by clicking the [link](#).

Thank You

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