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Market Renewal Program (MRP): Walkthrough of the Activities During the Cutover Test

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Overview

- The cutover test involving Market Participants is scheduled from March 31, 2025 until April 2, 2025.
- Market Participants will need access to the following systems to be able to participate in this test:
 - New Energy Market Interface (EMI) in the **Pre-Production** environment
 - New Market Information Management (MIM) system in the **Pre-Production** environment
 - Legacy Energy Market Interface (EMI) in the **Sandbox** environment
 - Legacy Market Information Management (MIM) system in the **Sandbox** environment
 - New Dispatch Service user interface in the **Pre-Production** environment
 - New Dispatch Service system in the **Pre-Production** environment
 - IESO Reports Site in the **Sandbox** environment
- The times that are listed on this deck are estimates and are in EST. The duration and/or start of specific steps may be delayed if unexpected delays occur during the cutover exercise.

Overview (cont.)

- The descriptions of each step are provided in Table 3-1 of the [MRP Readiness Plan for Market Renewal Launch](#). The cutover testing activities that occur on the following dates coincide with the dates that are specified in the [MRP Readiness Plan for Market Renewal Launch](#):

Date in Cutover Test	Date in MRP Readiness Plan for Market Renewal Launch
March 31, 2025	April 30, 2025
April 1, 2025	May 1, 2025
April 2, 2025	May 2, 2025

- Not all activities in the [MRP Readiness Plan for Market Renewal Launch](#) will be executed during the cutover test. The test will end on the activity scheduled for May 2, 2025 04:00 EST (05:00 EPT) when the IESO announces that the market transition is complete.
- The [MRP Readiness Plan for Market Renewal Launch](#) may be updated based on the outcomes of this cutover test.

Overview (cont.)

- Market Participants will not be using qTest for this exercise.
 - During the cutover test, participants can report issues they encounter and/or ask general questions through the IESO Customer Relations mailbox: customer.relations@ieso.ca.
 - After 05:00 PM EPT, participants can notify the IESO of their issues and request for support using the IESO Market Renewal mailbox: market.renewal@ieso.ca.
- When reporting issues to the IESO, participants should use the following prefix in the subject line, **"MRP Cutover Test"**.

Out of Scope Items and Activities

The cutover test will not include the following for Market Participants:

- the cutover sequence for the day-ahead market (DAM),
- rollback sequence to the real-time market (RTM),
- posting of notifications on the Advisory Notices page,
- manual dispatches and administrative pricing
- verifying changes to the Outage Coordination and Scheduling System (OCSS),
- verifying changes to Market Participant Prudential System,
- verifying changes to settlement statement and data files,
- verifying changes to the IESO public website,
- verifying their ability to register as a virtual trader,

Out of Scope Items and Activities (cont.)

- verifying their ability to be authorized as a price responsive load (PRL) in the renewed market, and
- some reports may be scheduled outside this window and will not be published during the cutover exercise.

Sequence of Cutover Testing Activities

Date/Time	Step	Communication Channel	Expectation for Participants
March 31, 2025, 08:15 EST – 09:00 EST (09:15 EPT – 10:00 EPT)	Renewed Market Launch Start Decision	Email to MRP Contacts of Market Participant Testers	<p>The IESO will confirm and notify Market Participants of its decision to start the launch of the renewed market. The message in the email sent to those participating in this test will be similar to what Market Participants will receive during the actual transition and cutover Production, as well as text that will be posted on the Advisories and Notices section of the IESO website.</p> <p>Market Participants should:</p> <ul style="list-style-type: none">• Verify that they can receive and are able to understand the information provided in these emails. <p>If they do not receive an email from the IESO by 9:00 EST (10:00 EPT) or have general questions, testers should contact IESO Customer Relations.</p>

Sequence of Cutover Testing Activities (cont.)

Date/Time	Step	Communication Channel	Expectation for Participants
March 31, 2025, 09:00 EST (10:00 EPT)	Market Participants to start submitting dispatch data to renewed market systems.	Email to MRP Contacts of Market Participant Testers	<p>The Pre-Production URLs for the EMI and MIM system will be enabled.</p> <p>Market Participants will need to:</p> <ul style="list-style-type: none">• Verify that they can access the legacy EMI and MIM systems using their Sandbox user and/or API accounts.<ul style="list-style-type: none">• EMI Sandbox URL for the legacy market: Via IESO Gateway: https://gateway-sbx.ieso.ca/ Direct Link: https://emisandbox.ieso.ca/• MIM Sandbox URL via web services: https://webservices-sandbox.ieso.ca/emim• Verify that they can access the renewed EMI and MIM systems using their Production user and/or API accounts.<ul style="list-style-type: none">• EMI Pre-Production URL for the renewed market: Via IESO Gateway: https://gateway.ieso.ca/ Direct Link: https://emi2.ieso.ca/• MIM Pre-Production URL via web services: https://webservices.ieso.ca/mim2 <p>If they encounter issues, they should contact IESO Customer Relations.</p>

Sequence of Cutover Testing Activities (cont.)

Date/Time	Step	Communication Channel	Expectation for Participants
March 31, 2025, 09:00 EST – 21:59 EST (10:00 EPT – 22:59 EPT)	Maintain data in both the legacy market and renewed market systems	Email to MRP Contacts of Market Participant Testers	<p>Market Participants will need to submit identical dispatch data to both the legacy and renewed EMI and MIM systems.</p> <ul style="list-style-type: none"> Participants will submit bids and offers for the legacy market through the Sandbox EMI/MIM system for the current market: <ul style="list-style-type: none"> EMI Sandbox URL for the legacy market: Via IESO Gateway: https://gateway-sbx.ieso.ca/ Direct Link: https://emisandbox.ieso.ca/ MIM Sandbox URL via web services: https://webservices-sandbox.ieso.ca/emim Participants will submit their bids and offers for the renewed market through the Pre-Production EMI/MIM system: <ul style="list-style-type: none"> EMI Pre-Production URL for the renewed market: Via IESO Gateway: https://gateway.ieso.ca/ Direct Link: https://emi2.ieso.ca/ MIM Pre-Production URL via web services: https://webservices.ieso.ca/mim2 Participants will submit dispatch data for the March 31, 2025 trade date in the legacy market system. Participants will submit dispatch data for the April 1, 2025 trade date in both the legacy and renewed market systems. Participants will also submit standing dispatch data to support internal testing activities in the renewed market system. Standing dispatch data covering April 2, 2025 trade date onwards must be submitted by April 1, 2025 05:00 EST (06:00 EPT) in the renewed market system.

Sequence of Cutover Testing Activities (cont.)

Date/Time	Step	Communication Channel	Expectation for Participants
March 31, 2025, 17:30 EST (18:30 EPT)	Stop Market Participant Prudential System (MPPS)	Email to MRP Contacts of Market Participant Testers	This step is informational. No action expected from Market Participants.
March 31, 2025, 18:00 EST (19:00 EPT)	Real-Time Market Financial Reference Level Values reports	Email to MRP Contacts of Market Participant Testers	<p>Market participants with dispatchable and electricity storage resources will verify that this report is available in their confidential folder under the IESO Reports Sandbox site. The subfolder name is “RealtimeFRL.”</p> <ul style="list-style-type: none"> • IESO Reports Sandbox Site to access Public Reports (via GUI): https://reports-sandbox.ieso.ca • IESO Reports Site to access Public and Confidential Reports (via API): https://reports-sandbox.ieso.ca/api/v1.4/files?idp_id=ieso • IESO Reports Site to access Public and Confidential Reports (via SFTP): https://reports-sandbox.ieso.ca <p>If the report is missing or contains structural issues, participants should email the IESO Market Renewal mailbox and CC IESO Customer Relations.</p>

Sequence of Cutover Testing Activities (cont.)

Date/Time	Step	Communication Channel	Expectation for Participants
March 31, 2025, 22:00 EST (23:00 EPT)	Planned start of the Market Suspension. Stop access to <i>legacy</i> dispatch data submission market systems.	Email to MRP Contacts of Market Participant Testers	<p>Market Participants will need to confirm that they can no longer access the legacy EMI and MIM systems in the Sandbox environment:</p> <ul style="list-style-type: none"> EMI Sandbox URL for the legacy market: Via IESO Gateway: https://gateway-sbx.ieso.ca/ Direct Link: https://emisandbox.ieso.ca/ MIM Sandbox URL via web services: https://webservices-sandbox.ieso.ca/emim <p>If access is still available, they should report the issue to the IESO Market Renewal mailbox and CC IESO Customer Relations.</p>
March 31, 2025, 22:07 EST – 22:15 EST (23:07 EPT – 23:15 EPT)	Final <i>legacy</i> Pre-dispatch Report Run	None	<p>Market participants will verify that the final pre-dispatch report for the legacy market is generated and made available via the IESO Reports Sandbox site:</p> <ul style="list-style-type: none"> IESO Reports Sandbox Site to access Public Reports (via GUI): https://reports-sandbox.ieso.ca IESO Reports Site to access Public and Confidential Reports (via API): https://reports-sandbox.ieso.ca/api/v1.4/files?idp_id=ieso IESO Reports Site to access Public and Confidential Reports (via SFTP): https://reports-sandbox.ieso.ca <p>If the report is missing or contains data issues, they should report the issue to the IESO Market Renewal mailbox and CC IESO Customer Relations.</p>

Sequence of Cutover Testing Activities (cont.)

Date/Time	Step	Communication Channel	Expectation for Participants
March 31, 2025, 22:40 EST (23:40 EPT)	Stop <i>legacy</i> market dispatch engines and other systems.	Email to MRP Contacts of Market Participant Testers	<p>This step is informational. No action expected from Market Participants.</p> <ul style="list-style-type: none"> From March 31 22:40 EST (23:40 EPT) to April 1 01:36 EST (02:36 EPT), participants will experience a “quiet” period. During the actual cutover in Production, the IESO would begin to manually send dispatch instructions to participants during this time. Administrative Pricing will also be in effect. Manual dispatch instructions and administrative pricing are out of scope for this exercise and will not be tested.
March 31, 2025, 22:50 EST – 23:30 EST (March 31, 2025, 23:50 EPT – April 1, 2025, 00:30 EPT)	New dispatch engine available	None	This step is informational. No action expected from Market Participants.
March 31, 2025, 22:50 EST – 23:50 EST (March 31, 2025, 23:50 EPT – April 1, 2025, 00:50 EPT)	<i>Legacy</i> regulation (AGC) constraints are carried forward into the renewed market	None	This step is informational. No action expected from Market Participants.

Sequence of Cutover Testing Activities (cont.)

Date/Time	Step	Communication Channel	Expectation for Participants
March 31, 2025, 23:50 EST (April 1, 2025, 00:50 EPT)	Availability Declaration Envelope (ADE) established for April 1 based on the dispatch data submitted up to March 31 23:50 EST (April 1, 2025, 00:50 EPT).	None	This step is informational. No action expected from Market Participants.
April 1, 2025, 00:02 EST – 01:36 EST (01:02 EPT – 02:36 EPT)	The Pre-Dispatch and Real-Time Optimization sequences run	None	This step is informational. No action expected from Market Participants.

Sequence of Cutover Testing Activities (cont.)

Date/Time	Step	Communication Channel	Expectation for Participants
April 1, 2025, 01:40 EST (02:40 EPT)	Pre-Dispatch HE02 Results Published for study period starting HE03	Email to MRP Contacts of Market Participant Testers	<p>Participants will verify the results of the pre-dispatch run by reviewing their pre-dispatch reports from the IESO Reports Sandbox site. Reports that are in-scope for this cutover exercise are listed in Appendix A of the Cutover Test Plan.</p> <ul style="list-style-type: none">• IESO Reports Sandbox Site to access Public Reports (via GUI): https://reports-public-sandbox.ieso.ca• IESO Reports Site to access Public and Confidential Reports (via API): https://reports-sandbox.ieso.ca/api/v1.4/files?idp_id=ieso• IESO Reports Site to access Public and Confidential Reports (via SFTP): https://reports-sandbox.ieso.ca <p>If reports are missing or contain data issues, they should report the issue to the IESO Market Renewal mailbox and CC IESO Customer Relations.</p>

Sequence of Cutover Testing Activities (cont.)

Date/Time	Step	Communication Channel	Expectation for Participants
April 1, 2025, 02:00 EST (03:00 EPT)	Automatic Dispatch is enabled for HE03 INT 1. Real-Time Reports publishing started.	Email to MRP Contacts of Market Participant Testers	<p>Participants will verify that they can access the Pre-Production Dispatch Service system using their Production user and/or API accounts:</p> <ul style="list-style-type: none"> Dispatch Service User Interface Pre-Production URL: <ul style="list-style-type: none"> Via IESO Gateway: https://gateway.ieso.ca/ Direct Link: https://dispatch2.ieso.ca Dispatch Service Pre-Production URL via web services: https://webservices-prod.ieso.ca/dispatches/DispatchService?wsdl <p>If they encounter issues, they should notify the IESO using the IESO Market Renewal mailbox and CC IESO Customer Relations.</p> <p>Participants will also verify that they can access the new and updated real-time reports via the IESO Reports Sandbox site. Reports that are in-scope for this cutover exercise are listed in Appendix A of the Cutover Test Plan.</p> <ul style="list-style-type: none"> IESO Reports Sandbox Site to access Public Reports (via GUI): https://reports-public-sandbox.ieso.ca IESO Reports Site to access Public and Confidential Reports (via API): https://reports-sandbox.ieso.ca/api/v1.4/files?idp_id=ieso IESO Reports Site to access Public and Confidential Reports (via SFTP): https://reports-sandbox.ieso.ca <p>If a report is missing or contains data issues, participants should notify the IESO using the IESO Market Renewal mailbox and CC IESO Customer Relations.</p>

Sequence of Cutover Testing Activities (cont.)

Date/Time	Step	Communication Channel	Expectation for Participants
April 1, 2025, 03:00 EST (04:00 EPT)	Automatic Dispatch started for HE03 INT 1	None	<p>Participants will confirm that they can receive and acknowledge 5-minute dispatch instructions from and to the Pre-Production Dispatch Service system.</p> <p>Participants who receive commitment notifications will confirm that they can receive and acknowledge from and to the Pre-Production Dispatch Service system.</p> <p><i>Participants are not expected to act on dispatch instructions, commitments, and/or notifications that are issued for the cutover test.</i></p> <p>Pre-Production Dispatch Service system:</p> <ul style="list-style-type: none"> Dispatch Service User Interface Pre-Production URL: <ul style="list-style-type: none"> Via IESO Gateway: https://gateway.ieso.ca/ Direct Link: https://dispatch2.ieso.ca Dispatch Service Pre-Production URL via web services: https://webservices-prod.ieso.ca/dispatches/DispatchService?wsdl <p>If they encounter issues, they should notify the IESO using the IESO Market Renewal mailbox and CC IESO Customer Relations.</p>

Sequence of Cutover Testing Activities (cont.)

Date/Time	Step	Communication Channel	Expectation for Participants
April 1, 2025, 05:00 EST (06:00 EPT)	Standing Dispatch Data converted	Email to MRP Contacts of Market Participant Testers	This step is informational. No action expected from Market Participants. The standing dispatch data that was submitted for the renewed market by April 1, 2025, 05:00 EST (06:00 EPT) will be converted for use by the new dispatch engines.
April 1, 2025, 23:44 EST – April 2, 2025, 03:30 EST (April 2, 2025, 00:44 EPT – April 2, 2025, 04:30 EPT)	Results of the renewed market are monitored and evaluated	None	This step is informational. No action expected from Market Participants.
April 2, 2025, 04:00 EST – 04:15 EST (05:00 EPT – 05:15 EPT)	IESO notifies participants on the completion of Market Transition, as well as the end of market suspension	Email to MRP Contacts of Market Participant Testers	This step is informational. No action expected from Market Participants. In its email, the IESO will announce the actual date and time of the completed Market Transition and the end of the market suspension. Internal cutover testing activities will continue but no further action is required from Market Participants at this point.

Next Steps

- Participate and complete the test cases for Pre-Production Connectivity Testing. This test is in progress and will end on **March 28, 2025**. Participants should resolve their access issues before this date.
- Review the [Market Renewal Program \(MRP\): Cutover Test Plan](#).
- Testers should confirm their MRP Contacts by **March 28, 2025**. MRP Contacts will be the recipients to emails sent by the IESO during the Cutover Test. If updates are required, participants should email [IESO Customer Relations](#).
- Participants should submit their questions or feedback on the MRP Cutover Test to [IESO Customer Relations](#).

Thank You

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