Market Renewal Program (MRP): Readiness Plan for Market Renewal Launch

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Introduction

The purpose of this document is to prepare Market Participants and external stakeholders for the launch of the renewed IESO-administered market, planned for May 1, 2025. Transitioning from the current market to the renewed market is a significant undertaking that requires precision and coordination for both the IESO and Market Participants. Successfully executing the steps in this plan will ensure that:

- The IESO can continue to reliably operate the grid during the transition to the renewed IESO-administered market.
- The IESO can settle the renewed market.
- Market Participants understand their obligations during the transition to the renewed market.
- Market Participants can effectively participate in the renewed market.

This document provides a comprehensive roadmap for the Market Transition, described in the pre-launch preparation milestones, activities, and actions, as well as the specific cutover steps before, during, and after the official Market Renewal Launch window.

Disclaimer:

All dates in this document assume a Market Renewal Launch date of May 1, 2025.

Preparing for Market Renewal Launch

This section describes the planned activities and deadlines to meet the Market Renewal Launch go-live criteria, including the following:

- A summary of tasks and activities that Market Participants must complete before go-live.
- Key dates and deadlines in the lead-up to the go-live date.
- A launch schedule, including dates and times when the market renewal systems and solutions will be available, and when new market rules come into effect.
- Pre-Production Connectivity Testing
- Details on the restriction period for changes to market participant registration data, reference level/reference quantity values, and prudential support obligations.

Market Participant Tasks and Activities Before Market Renewal Launch

The following is a list of tasks, activities, and data submissions that Market Participants may need to complete to be ready for the launch of the renewed market. Also included are reminders to review registration data, training modules, and to participate in IESO surveys.

1. Review your[1] organization's registration data. Optional new and updated parameters for generation, load, and storage resources will have a default of 'Not Selected' in the registration system. If you do not update and validate the registration data, the IESO-established values will be used at Market Renewal Launch.

   See The Readiness Plan for Registration Launch and Reference Level Launch for more information.

2. Submit Market Control Entities (MCE). MCEs are mandatory data. Failure to submit this information will prevent your organization from requesting updates to equipment, resource, facility and/or organization data in Production Online IESO.

   See section 8.1 of The Readiness Plan for Registration Launch and Reference Level Launch for more information.

3. Review your organization's Prudential Support Obligation (PSO) to prepare additional collateral, if required. Modified PSO estimates can be calculated in the Online IESO sandbox environment. The estimate therein is not final but is expected to be indicative of what you will see in the Market Participant Prudential System (MPPS) in the renewed market on May 8, 2025.

   See the Guide to Prudentials at the IESO and section 8.5 of The Readiness Plan for Registration Launch and Reference Level Launch for more information.

[1] In this document, "you" refers to the Market Participant. "We," "us," and "our" refer to the IESO.

4. Review the IESO's MRP eLearning modules. These modules explain market-related processes from registration to settlement under the renewed market for nine different participant types. More information is located on our Marketplace Training page.
5. Continue to participate in MRP Readiness surveys as they roll out.
6. Participate in End-to-End Testing, Pre-production Connectivity Testing, and Cutover testing to ensure that your systems can continue to interface with the renewed IESO market systems as we approach the Market Renewal Launch dates.

   See the Market Participant Testing page for more information on planned test phases and test cases.
7. (Optional) Register as a Price Responsive Load (PRL) before February 21, 2025, to be eligible to participate in the renewed market on the May 7, 2025, trade date. PRLs are a new load resource type that allows the registered market participant to submit bids for energy into the day-ahead market but for which the load resource is considered a non-dispatchable load in the real-time market.

   See section 8.2 of The Readiness Plan for Registration Launch and Reference Level Launch for more information about PRLs.
8. (Optional) If you are planning to participate in the renewed market as a Virtual Trader, please register as early as possible. Authorization for Virtual Traders will begin six (6) calendar days after the Market Renewal Launch (i.e., May 7, 2025).

   For more information about registering as a Virtual Trader, see section 8.3 of The Readiness Plan for Registration Launch and Reference Level Launch.

Key Dates and Deadlines in Preparation for Market Renewal Launch

The table on the following pages is a timeline of key dates and deadlines in preparation for the Market Renewal Launch starting January 2025 to April 30, 2025. Included are the dates, the high-level category of the planned activity, the participation types that this step is relevant for, and a description of the step and what is of particular importance for market participants.

The descriptions of the activities and deadlines in the table below may be found in other IESO Market Renewal publications but are also included here in brief to provide greater contextual awareness for Market Participants. Please see the linked documentation for further information about specific activities.

Table 2-1: Preparing for Market Renewal Launch

Date(s)	High-Level Category of the Planned Activity	Relevant Participation Type	Description
January 2025 – March 2025	End-to-End Testing	All	All systems that are in scope of MRP will be connected in the IESO Sandbox environment at this time. Market Participants will be able to test the cycle of processes that start with the submission of bids and offers in the Day-Ahead Market all the way through to the receipt of dispatch instructions in Real-Time. Market Participants will be able to download all operational reports and the updated settlement statement and data files from the Sandbox IESO Reports site. See the End-to-End Testing Test Plan for more information.
January 31, 2025	Reference Levels, Reference Quantities	Dispatchable Generators, Dispatchable Loads, Dispatchable Storage	Market Participants are expected to have reviewed their preliminary review (PV) reports by this date. Registered Reference Level and Reference Quantity data will be visible in Production Online IESO as of Reference Level Launch, February 1, 2025. See the Readiness Plan for Registration Launch and Reference Level Launch for more information.
February 1, 2025	Reference Levels, Reference Quantities	Dispatchable Generators, Dispatchable Loads	This is the Reference Level Launch date. All relevant Reference Levels will be uploaded to Online IESO. If an MP requires a change to the Reference Level information, it will go through the established Reference Level and Reference Quantity revision process in production Online IESO.
February 21, 2025	Price-Responsive Load (PRL) Registration	Non-dispatchable Loads	Updates to resource and equipment data will be restricted once a resource elects to become a PRL and this restriction will last until the specified effective date of the PRL. It is recommended that Market Participants only change their non-dispatchable load resources to PRLs starting in February 2025 to minimize the length of this restriction. Resources that elect to become a PRL must set an effective date at least 75 days after they submit the request, and this effective date must be at least 6 days after Market Renewal Launch (i.e., the May 7 trade date).

Date(s)	High-Level Category of the Planned Activity	Relevant Participation Type	Description
			Market Participants can cancel their PRL request via Production Online IESO and should do so before March 21, 2025, to ensure their desired participation is reflected at Market Renewal Launch.
March 2025	MRP Pre-production Connectivity Testing	All	Market Participants will be able to confirm access to the following new MRP systems before the launch of the renewed market: • Market Information Management (MIM) • Energy Market Interface (EMI) • Dispatch Service This testing will be performed in the renewed market production environment, also referred to as "Pre-Production." Please see the following section, Pre-Production Connectivity Testing, on page 10 for more information.
April 1, 2025	Cutover Test	All	Cutover testing will be a coordinated effort between the IESO and Market Participants who want to participate. This test aims to prepare the IESO and Market Participants for the renewed market go-live activities. Testing will involve the following phases: • Cutover from IESO Sandbox systems to IESO Pre-production systems. • Rollback from IESO Pre-production systems to IESO Sandbox systems.
Early April 2025	Market Transition Decision	All	After a decision is made to proceed with the transition to the renewed market, the IESO will send a communication to all Market Participants advising them of the following: • Confirmation that all necessary conditions for the Market Transition have been achieved. • Notice that final preparation for the launch of the renewed market will commence.

Date(s)	High-Level Category of the Planned Activity	Relevant Participation Type	Description
			• A finalized launch schedule.
April 2, 2025 – April 23, 2025	Network Model Build (NMB)	All	The last NMB prior to the launch of the renewed market is planned for implementation on April 2, 2025. Prior to Market Renewal Launch, the renewed market Production environment will be updated with the latest NMB data after April 2, 2025, but no later than April 23, 2025.
Mid-April, 2025	Confirm Online IESO Access Permissions	All	Market Participants are advised to review access permissions in Online IESO in preparation for the transition to the renewed market. For example, ensure that your users have the proper access to Settlements Reports and/or Operations Reports for the new market. Submit your access requests via Online IESO as soon as possible to avoid delays and ensure that you are prepared for Market Renewal Launch.
April 24, 2025 – May 7, 2025	Restriction Period for Registration Changes	All	Production Online IESO will be available to Market Participants to enter changes to their registration data. However, the "Effective Date" of changes made during this period will be restricted. Please see the following section, Restriction Period for Registration Changes, on page 11 for more information.
April 23, 2025 – April 30, 2025	MRP Pre-Production Environment Preparations and Health Checks	All	The IESO will perform system health checks of the MRP solutions in the Pre-Production environment prior to start of Market Renewal Launch on April 30, 2025. During the health checks, the IESO will stop services to external MRP interfaces, which will prevent Market Participants from accessing MRP Pre-Production systems. Access will be restored by 09:00 EST (10:00 EPT) on April 30, 2025.
April 30, 2025	Market Renewal Launch Activities Begin	All	Expected start of the Market Renewal Launch activities.

Pre-Production Connectivity Testing

To ensure that Market Participants have uninterrupted access to IESO production systems and avoid issues during the Market Renewal Launch, Market Participants should verify that they can access MRP Pre-Production interfaces and services.

The IESO will make the MRP Pre-Production environment available for Market Participants to verify that they can connect and access the following applications:

- Market Information Management (MIM)
- Energy Market Interface (EMI)
- Dispatch Service

Pre-Production Connectivity testing is scheduled to take place from January – March 2025.

List of URLs for MRP Applications in the New Production Environment

The table below contains a list of URLs for the MRP applications in the new 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, MIM, and Dispatch Service, these applications will appear as separate tiles on the Production environment of IESO Gateway.

Table 2-2 List of URLs for MRP Applications in the New Production Environment

Application	Interface	New or Existing URL
Energy Market Interface (EMI)	GUI	https://emi2.ieso.ca/
Market Information Management (MIM)	Web Service	https://webservices.ieso.ca/mim2
Dispatch Service	GUI	https://dispatch2.ieso.ca
Dispatch Service	Web Service	https://webservices-prod.ieso.ca/dispatches/DispatchService?wsdl

Restriction Period for Registration Changes

In preparation for, and during the launch of the renewed market, the IESO will restrict changes to Market Participant registration data, Reference Level/Reference Quantity values, and prudential support obligations (PSO) starting April 24, 2025.

Restriction 1 – Effective Dates of Task Requests:

- The IESO will not allow effective dates of May 1 to May 3, 2025, for new or revised data, and until one day following the first trade date of the Day-Ahead Market (DAM). If the DAM run is not successful on May 2, then changes will be reassessed and potentially delayed.
- A load resource that wants to transition to a Price Responsive Load (PRL) requires an effective date of May 7, 2025, or later.
- Generation, load, and storage resources, and synchronous machine/motor changes, require an effective date before April 24, 2025, or one day following the first trade date of the DAM.
- Reference Level and Reference Quantity changes will not be processed with effective dates of April 24 to May 7, 2025, unless a data correction is required, or a registration data change is made during this period that has an impact on registered Reference Levels and/or Reference Quantities.
- Effective dates set for post-launch of the renewed market will be conditional on the successful launch of both the renewed real-time and day-ahead markets and will only be firm once a final Registration Approval Notification (RAN) is issued.

Restriction 2 – Tasks that trigger Prudential Support Obligations (PSO) assessments

- From May 1 to May 7, 2025, tasks that trigger PSO assessments will be **rejected**. This includes authorization or changes to any wholesale consumer, distributor, energy trader, or other physical market participant owning load.

Restriction 3 – Prepare for Operations (PFO) RANs will be restricted as follows:

- From April 24 to April 30, 2025, Prepare for Operations (PFO) RANs relating to generation, load, and storage resource and synchronous machine/motor changes will **not** be processed. Other changes, including changes to other resource types (e.g., stations) and equipment (e.g., switches, transformers, breakers, etc.), will be processed. Consequently, no market resource related changes will be put into effect during this window.
- May 1 to the first trade date of the DAM: PFO RANs will **not** be processed. This means no changes will be put into effect during this window.
- One (1) calendar day following first trade date of the DAM: PFO RANs will be processed.

Launch of the Renewed Market

This section describes the IESO activities and notifications to market participants that are planned for the launch of the renewed market from April 30, 2025, to May 8, 2025. The descriptions also note when market participants are required to take action and can begin to interact with the renewed market systems, such as submitting real-time dispatch data, or participating in the renewed day-ahead market.

Included in this section are the following:

- Market Renewal Launch decision criteria.
- A launch timeline that encompasses activities in the days and times before the renewed market launch, the cutover activities for May 1, 2025, and the activities occurring in the post-launch window. All activities include specific times and descriptions of actions that are required from market participants during the launch.
- Details about how the IESO will manage Administrative Pricing, the Availability Declaration Envelope (ADE), and Standing Dispatch Data during the market renewal launch period.
- Details about how the IESO will manage Segregated Mode of Operations (SMO) requests and outage requests after the market renewal launch period.
- Market Transition Completion details.

Market Renewal Launch Start Decision Criteria

Leading up to, and on the morning of April 30, 2025, the IESO will determine if it is advisable to proceed with the launch of the renewed market as planned, considering weather and grid conditions.

Following this decision, the IESO will issue a Market Advisory Notice to suspend the market and start the Market Transition. The Market Advisory Notice will contain additional information, instructions, and reminders for Market Participants, as noted in the timeline below.

Launch Plan Overview

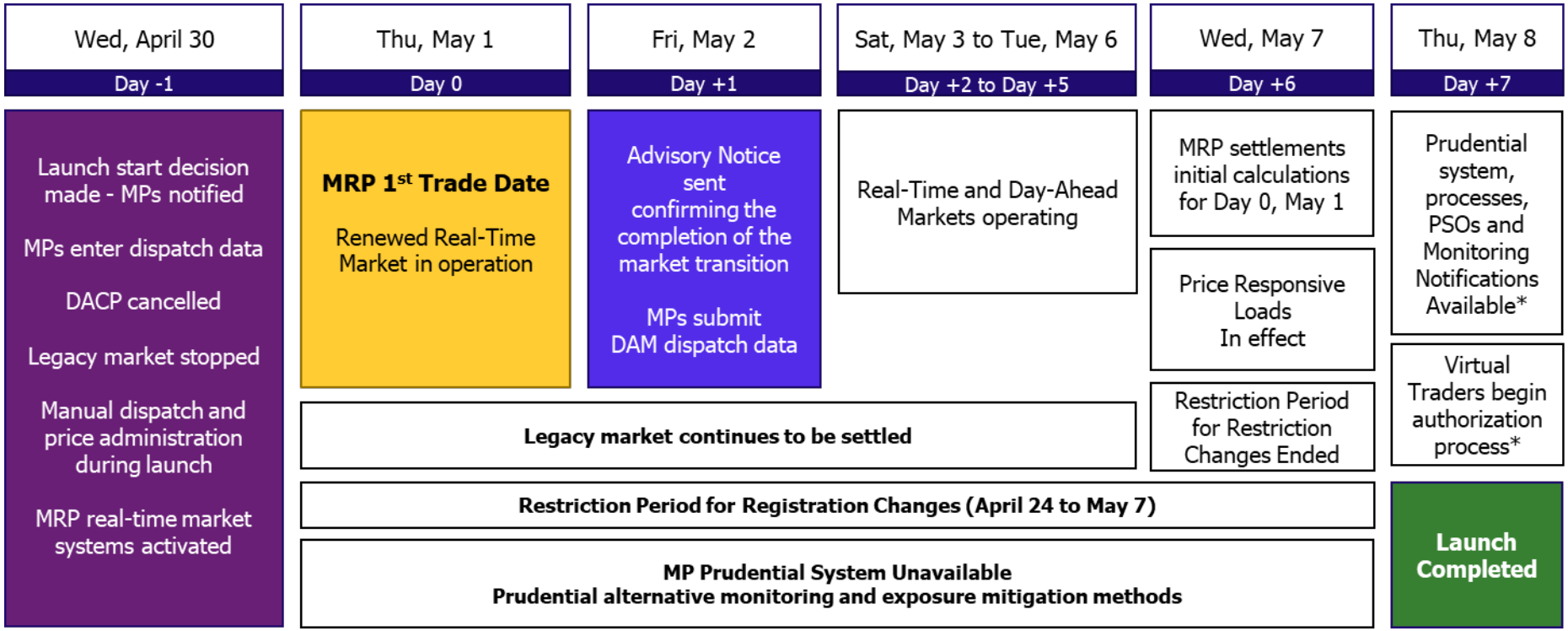

Figure 3-1: Launch Plan Overview

* Virtual Traders are required to provide prudential support and be approved by the IESO prior to participating in the market. Prudential Support Obligations (PSO) will be published on May 8, 2025.

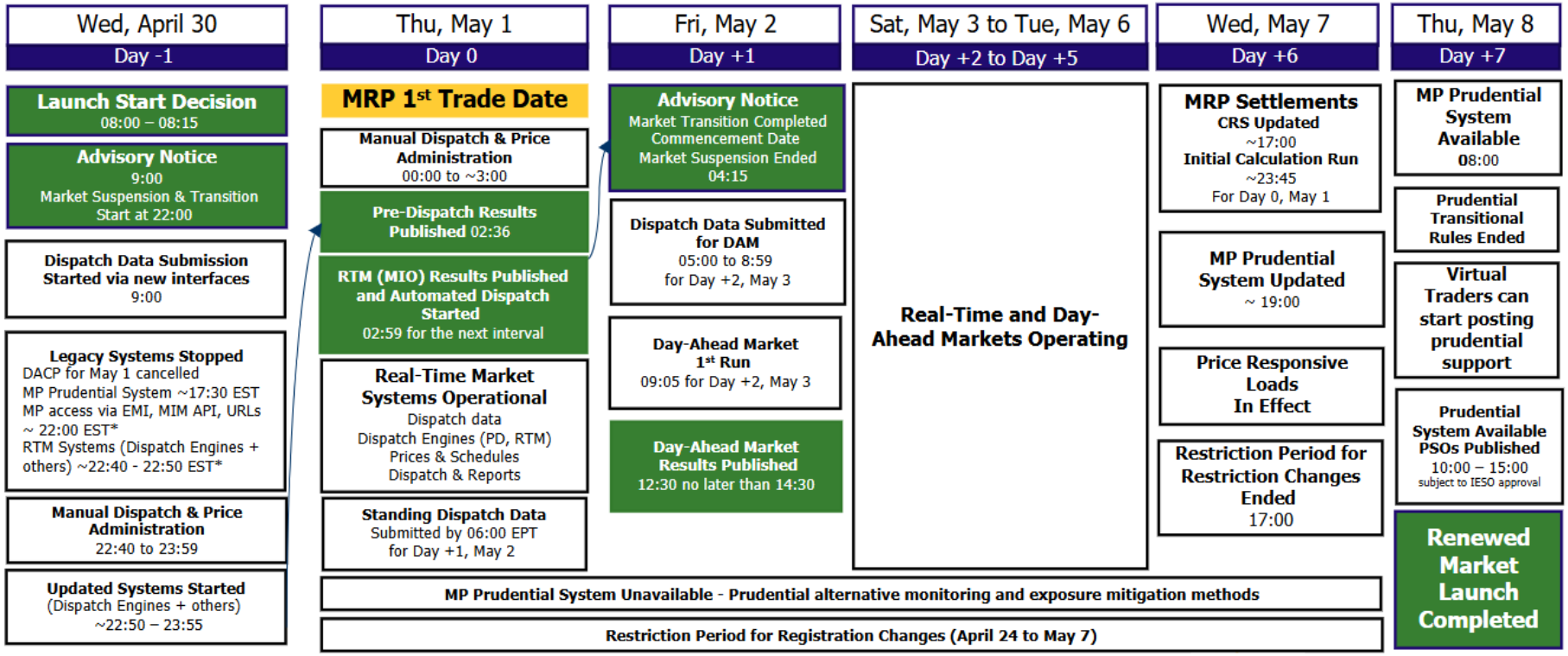

Figure 3-2: Launch Plan

* *Legacy* market systems stopped to allow sufficient time for renewed market systems to be activated prior to May 1.

Note: all times in the graphic above are in EST unless explicitly stated otherwise

Market Renewal Launch Timeline

The table on the following pages is a timeline of events for the Market Renewal launch starting April 30, 2025, to May 8, 2025. Included are the dates, times, the action step taken and a description of the step and what is of particular importance for market participants.

Table 3-1: Market Renewal Launch Timeline

Date	Time	Step	Description
April 30, 2025	08:15 to 09:00 EST (09:15 to 10:00 EPT)	Renewed Market Launch Start Decision	The IESO will notify Market Participants of the decision to start the launch of the renewed market. The IESO will issue an advisory notice containing the following information: • The start time of market suspension. It is currently planned to begin at 22:00 EST (23:00 EPT). • Notice when Market Participants can begin submitting dispatch data for the renewed real-time market for May 1 using new MIM API and EMI interfaces. • Notice that Market Participants are required to continue submitting dispatch data to the existing *legacy* market for April 30 and May 1, 2025, using *legacy* MIM API and EMI interfaces, until 21:59 EST (22:59 EPT) on April 30, 2025. • Declaration that the Day-Ahead Market (DAM) will not run for the trade dates of May 1 and May 2, 2025. The IESO will declare a DAM "failure" per Chapter 0.7 of the Market Rules, section 4.3.2. • Notice that for a short period (approximately one hour) following successful launch of the Real-Time Market systems on the morning of May 1, 2025, the IESO will be sending dispatch signals to all units, not just changes to dispatches. • Declaration that the *legacy* market Day-Ahead Commitment Process (DACP) will be cancelled on April 30 for May 1, 2025. • Details regarding when *legacy* dispatch engines will be stopped and manual dispatch of resources starts.

Date	Time	Step	Description
			• Notice that prices will be administered after the fact for this period until prices are established in the renewed market. A reminder of when services and applications will be unavailable during the market transition.
April 30, 2025	09:00 EST (10:00 EPT)	Market Participants to start submitting dispatch data to renewed market systems.	The new URLs for the Energy Market Interface (EMI), including API access, will be enabled. See Table 2-2 on Page 10 for the new URLs. Market Participants can begin submitting dispatch data to the renewed Market Information Management (MIM) system at this time. Market Participants must submit identical maximum bid/offer quantities per hour in both the legacy market and renewed market for May 1. New market dispatch data parameters must not reduce available capacity below the values submitted in the legacy market. Energy Trader Market Participants must submit identical hourly data for May 1 in both the legacy and renewed market systems.
April 30, 2025	09:00 – 21:59 EST (10:00 to 22:59 EPT)	Submit data to both legacy market and renewed market systems	Market Participants must continue to submit dispatch data for April 30 and May 1, 2025, in the legacy market systems up until 21:59 EST (22:59 EPT). The IESO will monitor dispatch data submissions from 09:00 EST (10:00 EPT) on April 30 until the first pre-dispatch run of the renewed market, addressing any discrepancies and applying the reason code "IESO Adjusted" where necessary. Market Participants should monitor/query their data during this period.
April 30, 2025	17:00 EST (18:00 EPT)	Real-Time Market Financial Reference Level Values reports	Real-Time Market Financial Reference Level Values reports will be published April 30 for May 1, 2025.

Date	Time	Step	Description
April 30, 2025	17:30 EST (18:30 EPT)	Stop Market Participant Prudential System (MPPS)	The Market Participant Prudential System (MPPS) will not be available until May 8, 2025. An alternate procedure to monitor prudential will be in effect until then. Please see Chapter 0.2 of the Market Rules, Section B.1.1 for more information.
April 30, 2025	18:00 – 22:40 EST (19:00 – 23:40 EPT)	IESO website will stop publishing market content	The IESO will stop publishing select content for the *legacy* market on its public website, ieso.ca until May 4, 2025. The site will be updated with a message stating the following: • The renewed market launch has commenced. • Dynamic content publishing will resume on May 4, 2025. **Note:** IESO private and public reports for the renewed market will be available starting May 1, 2025. See the section, Public and Private Reports: May 1, 2025, to May 7, 2025 on page 32, for more information.
April 30, 2025	22:00 EST (23:00 EPT)	Planned start of the Market Suspension Stop access to *legacy* dispatch data submission market systems.	The IESO will suspend market operations at this time. Market Participants should refer to Chapter 0.7 of the Market Rules, section 13.6 for more information about their responsibilities and obligations. Access to the *legacy* dispatch data submission market systems will be stopped at this time. The IESO will continue to settle the *legacy* market.
April 30, 2025	22:07 – 22:15 EST (23:07 – 23:15 EPT)	Final *legacy* Pre-dispatch Report Run	The final pre-dispatch report of the *legacy* real-time market will run prior to the start of the renewed market.
April 30, 2025	22:40 EST (23:40 EPT)	Stop *legacy* market dispatch engines and other systems	*Legacy* dispatch engines are stopped.

Date	Time	Step	Description
		IESO begins manually sending dispatch instructions to Market Participants. Administrative Pricing Takes Effect	The IESO begins manually sending dispatch instructions to Market Participants. Administrative pricing will be required for missing intervals in the *legacy* market on April 30. This period will be 28 five-minute intervals. Administrative pricing will be required for any intervals for which new prices are not able to be established during the start of the renewed market on May 1, 2025. This period is expected to be 36 five-minute intervals. Please see the following section, Administrative Pricing During Launch, on page 26 for more information.
April 30, 2025	22:50 – 23:30 EST (23:50 – May 1, 00:30 EPT)	New dispatch engine available	Dispatch engines will be available and online prior to the start of the renewed market. Sequences will start at 23:55 EST (May 1, 00:55 EPT) for the first run of Pre-Dispatch on May 1.
April 30, 2025	22:50 – 23:50 EST (23:50 – May 1, 00:50 EPT)	*Legacy* regulation (AGC) constraints are carried forward into the renewed market	*Legacy* AGC constraints are applied in the renewed market and applicable for May 1, 2025, and May 2, 2025.
April 30, 2025	23:50 EST (May 1, 00:50 EPT)	Availability Declaration Envelope (ADE) established for May 1 based on the dispatch data submitted up to 23:50 EST (May 1, 00:50 EPT).	The most recent maximum quantity of energy included in the bid or offer submitted before 23:50 EST (May 1, 00:50 EPT) will be considered the resource's ADE. Refer to Chapter 0.7 of the Market Rules, specifically sections 3.1.11 and 13.2A.2.1, for more information.

Date	Time	Step	Description
May 1, 2025	00:02: - 01:36 EST (01:02 – 02:36 EPT)	The Pre-Dispatch and Real-Time Optimization sequences run	The initial Pre-Dispatch Calculation Engine and Real-Time Optimization sequences are run and validated for May 1, 2025. Once the results are validated by the IESO they will be published to Market Participants starting HE02.
May 1, 2025	01:40 EST (02:40 EPT)	Pre-Dispatch HE02 Results Published for study period starting HE03	The results of the Pre-Dispatch run for May 1, 2025, are published to Market Participants after they are confirmed to be valid.
May 1, 2025	02:00 EST (03:00 EPT)	Automatic Dispatch is enabled for HE03 INT 1 Real-Time Reports publishing started	Real-time Optimization results (Real-time (RT) Report) publishing to Market Participants enabled. Resources will be automatically dispatched starting HE03 INT 1.
May 1, 2025	05:00 EST (06:00 EPT)	Standing Dispatch Data converted	Dispatch Data in the new MIM system will be converted for use by the new dispatch engines at 05:00 EST (06:00 EPT). The renewed market will not start with any standing dispatch data.
May 1, 2025 – May 2, 2025	23:44 – 03:30 EST (00:44 – 04:30 EPT)	Results of the renewed market are monitored and evaluated	The IESO will monitor the results of the renewed market and observe the midnight cross-over. The results will act as inputs to the market transition completion decision on May 2, 2025, anticipated to occur at 04:00 EST (05:00 EPT).
May 2, 2025	04:00 – 04:15 EST (05:00 – 05:15 EPT)	IESO Issues Advisory Notice to MPs on the Market Transition completion and end of market suspension	The IESO will notify Market Participants of the decision of Market Transition Completion and end of the market suspension. Refer to Chapter 0.7 of the Market Rules, Section 13.2A.8 for more information. The IESO will issue an advisory notice containing the following information:

Date	Time	Step	Description
			• Announcing the date and time of the completed Market Transition and the end of the market suspension. Market Participants will be advised they can submit and/or edit dispatch data for the Day-Ahead Market (DAM) starting at 05:00 EST (06:00 EPT). A notification that there will be no rollback to the *legacy* market.
May 2, 2025	04:00 – 04:15 EST (05:00 – 05:15 EPT)	DAM Notifications web page goes live	A new DAM Notifications webpage will go live for Market Participants shortly after the transition to the renewed market is complete. Market Participants are advised to check the webpage and sign up for the RSS feed. DAM Notifications webpage: https://ieso.ca/Sector-Participants/RSS-Feeds/DAM-Notifications DAM Notifications RSS feed: https://ieso.ca/en/Sector-Participants/RSS-Feeds/-/media/Files/IESO/Rss/DamNotifications
May 2, 2025	04:30 EST (05:30 EPT)	Adequacy Report is published for Day +1	Adequacy report will be published for Day +1.
May 2, 2025	05:00 – 08:59 EST (06:00 – 09:59 EPT)	Market Participants submit Day-Ahead Market (DAM) dispatch data.	The Day-Ahead Market (DAM) dispatch data submission window is now open. Market Participants can submit dispatch data for use in DAM for Day +2: May 3, 2025.
May 2, 2025	05:15 EST (06:15 PST)	Market Participants can Register as Virtual Traders in Online IESO	The Online IESO Registration form will now include the option for Market Participants to register as a Virtual Trader.
May 2, 2025	05:45 EST (06:45 EPT)	Day-Ahead Market Financial Reference Level Values reports published for May 3, 2025	Since the Day-ahead Market engine is scheduled to run on May 2, 2025, the IESO will publish these reports on May 2, and not on April 30 or May 1, 2025.

Date	Time	Step	Description
May 2, 2025	06:59 EST (07:59 EPT)	Segregated Mode of Operations (SMO) requests deadline for May 3, 2025	New timelines for Segregated Mode of Operation (SMO) requests will apply for requests related to May 3, 2025. See the following section, Segregated Mode of Operation (SMO) Requests, on page 27 for more information.
May 2, 2025	07:59 EST (08:59 EPT)	Non-critical Segregated Mode of Operations (SMO) requests deadline for May 3, 2025, Day-ahead market. Market Participants submit regulation offers for May 3, 2025.	New timelines for Segregated Mode of Operation (SMO) requests will apply for requests related to May 3, 2025. See the following section, Segregated Mode of Operation (SMO) Requests, on page 27 for more information. *Legacy* AGC offers are carried forward into the new market for May 1, 2025, and May 2, 2025. Market Participants can submit new regulation offers starting for the May 3, 2025, trade date now.
May 2, 2025	08:00 EST (09:00 EPT)	Changes to Outage Coordination and Scheduling System (OCSS) submission and assessment deadlines takes effect	For outages that require 1-Day advance approval: • The outage submission deadline will be 10:00 EST (11:00 EPT) two business days prior to the outage start date. • The outage assessment deadline will be 08:00 EST (09:00 EPT) on the previous business day. OCSS will automatically reject submissions that do not meet these timelines. See the following section, Outage Coordination and Scheduling System (OCSS), on page 27 for more information.
May 2, 2025	08:00 EST (09:00 EPT)	Pre Day-Ahead Reports and Constraints published	The following reports will be ready for publishing: • Pre Day-Ahead Market Area Reserve Constraints • Pre-Day Ahead Market Intertie Scheduling Limits Report • Adequacy Report (Pre-DAM)

Date	Time	Step	Description
May 2, 2025	09:00 EST (10:00 EPT)	Start of the Initial Day-Ahead Market (DAM) run	The Day-Ahead Market (DAM) calculation engine will run at this time.
May 2, 2025	14:30 EST (15:30 EPT)	The Day-Ahead Market (DAM) is declared a Success **OR** The DAM is declared a failure	The IESO will communicate the first successful completion of the DAM to Market Participants. **OR** The IESO will issue a notification of DAM Failures to Market Participants. In the event of a DAM failure, the obligation for Market Participants to submit dispatch data by 09:00 EST (10:00 EPT) continues. Market Participants must establish an Availability Declaration Envelope (ADE) for all applicable trade dates until the DAM runs successfully.
May 2, 2025	14:30 EST (15:30 EPT)	Day-Ahead Market (DAM) results are published	The IESO will publish the DAM results reports no later than 14:30 EST (15:30 EPT). The following reports will be published: • Day Ahead Schedule Report • Day Ahead Commitments Report • Dispatch Data Report for Day Ahead Market Scheduling Process • Day-Ahead Pseudo-unit Computed Values Report • Day-Ahead Area Operating Reserve Shortfall Report • Day-Ahead Totals Report • Day-Ahead Security Constraints Report • Day-Ahead Virtual Transactions Report • Day-Ahead Market Hourly Energy LMP Report

Date	Time	Step	Description
			• Day-Ahead Virtual Zonal Price Report • Day-Ahead Hourly Ontario Zonal Price Report • Day-Ahead Market Hourly Operating Reserve Price Report • Day-Ahead Market Hourly Intertie Energy Price Report • Day 1 Adequacy Report If the reports are not published by this time, the IESO will operate the renewed market with a DAM failure and will retry the next day.
May 4, 2025	17:00 EST (18:00 EPT)	IESO public website dynamic content publishing is resumed	The IESO public website will now publish content pulling data from renewed market sources.
May 7, 2025	17:00 EST (18:00 EPT)	Price Responsive Loads (PRLs) in effect	
May 7, 2025	17:00 EST (18:00 EPT)	Restriction period for registration changes ends	
May 7, 2025	19:00 EST (20:00 EPT)	Market Participant Prudential System (MPPS) activated	The Market Participant Prudential System (MPPS) will be activated after 17:00 EST (18:00 EPT). Prudential support obligation (PSO) calculations for physical transactions will be sent to Market Participants shortly after the updated system is available. The Prudential transitional rules will end once the Prudential System and related processes are operational. This is expected to occur by end-of-day May 7, 2025. MPPS will be available to Market Participants on May 8, 2025.

Date	Time	Step	Description
May 7, 2025	23:45 EST (May 8, 00:45 EPT)	IESO Market Settlements process runs	The initial settlement calculation run of the renewed market will occur six (6) days after the launch of the renewed market, on May 7, 2025, for the May 1 trade date. The updated Commercial Reconciliation System (CRS) will continue settling the market for April 2025 and earlier months adhering to *legacy* market rules. Published schedules reflect the renewed market timelines. Please see the following section, Settlement Schedule, on page 33 for more information.
May 8, 2025	08:00 EST (09:00 EPT)	Virtual Traders Authorization Begins	Existing Market Participants are now able to begin authorizing their organization as a Virtual Trader six (6) days after the launch of the renewed market. Existing Market Participants can update their market participation type using the *Manage Participation* form in Online IESO. To become a Virtual Trader in the renewed market, new Market Participants can select this new participation type under the "Intent of Registration" section of the *Register an Organization* form on the IESO website. Virtual traders cannot participate in the Day-Ahead Market (DAM) until they are authorized and have completed their prudential support obligation (PSO). If your organization provides its PSO to the IESO on May 7, 2025 (before the IESO makes PSOs available to Market Participants), and the IESO reviews and accepts it on May 8, then the earliest that your organization can potentially begin participating in the DAM as a Virtual Trader is on May 10, 2025, for the May 11 trade date. If you are waiting for the IESO to publish PSOs on May 8, 2025, then the earliest that your organization can potentially begin participating in the DAM as a Virtual Trader is on May 11, 2025, for the May 12 trade date.

Date	Time	Step	Description
			For more information on Virtual Traders, refer to Market Manual 1.5: Market Registration, and the Introduction to Virtual Traders training guide.
May 8, 2025	10:00 – 15:00 EST (11:00 – 16:00 EPT)	Prudential Support Obligation (PSO) published.	Prudential Support Obligations (PSO) will be published after IESO review and approval on May 8. Automated notices and margin calls will be issued at 13:00 EST (14:00 EPT). The IESO will operate the Monitor Prudential process per the Market Rules and Manuals.
May 8, 2025	16:00 EST (17:00 EPT)	Renewed Market Launch is completed	The IESO will announce to Market Participants and external stakeholders that the renewal of the market has been completed.

Administrative Pricing During Launch

During the launch of the renewed market, there will be intervals where automatic price determination is unavailable. Prices will need to be administered for the affected intervals in the renewed market and the *legacy* market.

During the cutover of real-time systems:

- Administrative pricing will be required for missing intervals for the *legacy* market. This will be for 28 five-minute intervals. *Legacy* MIS will shut down at 22:50 EST (23:50 EPT). The IESO plans to have prices determined by the new dispatch engine for HE 3 on May 1, 2025.
- Administrative pricing will be required for any intervals for which new prices are not established during the start of the renewed market. When automatic pricing is not available, the IESO will replicate the prices from the first valid interval and apply them retrospectively to the impacted intervals. This period is expected to be 36 five-minute intervals.

Prices will be administered according to section 8.4A and 13.6.3 of Chapter 0.7 of the Market Rules.

Availability Declaration Envelope (ADE)

The availability declaration envelope (ADE) is used to determine the eligibility of dispatchable resources for participation in the real-time energy market. It obligates these resources to submit offers and/or bids in a timeframe that allows the IESO to plan based on resource adequacy, promoting reliability and stability in market operations.

The ADE will be established as the most recent maximum quantity of energy in the bid or offer submitted before 23:50 EST (00:50 EPT) on April 30, 2025, for May 1, 2025.

Until the IESO publishes the results of the Day-Ahead Market (DAM), the ADE for each day after May 1, 2025, will temporarily be established based on dispatch data submissions prior to 9:00 EST (10:00 EPT) of the previous day.

The ADE for May 1 will not be published in post-DAM reports as those reports will only run on or after May 2, 2025.

Standing Dispatch Data during Launch

The renewed market will start with no standing dispatch data for May 1, 2025. Any standing dispatch data submitted into the *legacy* market systems will not apply in the renewed market systems.

Standing Dispatch Data submitted prior to 05:00 EST (06:00 EPT) May 1, 2025, will be converted at 05:00 EST (06:00 EPT) on May 1, effective for May 2, 2025.

Segregated Mode of Operation (SMO) Requests

New timelines for Segregated Mode of Operation (SMO) requests will apply for requests related to May 3, 2025:

- SMO requests that require an outage to a critical transmission element must be submitted by 08:00 EPT on the day prior to the dispatch day.
- Requests that do not require an outage to a critical transmission element may be submitted by 09:00 EPT on the day prior for inclusion in the DAM. Otherwise, requests can be submitted up to two hours prior to the dispatch hour.

Outage Coordination and Scheduling System (OCSS)

Submission and assessment deadlines for 1-Day AA outages in the renewed market are changing as follows:

1. The outage submission deadline will be 10:00 EST (11:00 EPT) two business days prior to the outage start date. This represents a change from the current submission deadline of 16:00 EST (17:00 EPT) two business days prior to the outage.
2. The outage assessment deadline will be 08:00 EST (09:00 EPT) on the previous business day. This represents a change from the current assessment deadline of 14:00 EST (15:00 EPT) on the previous business day.

   These changes will take effect at 08:00 EST (09:00 EPT) on May 2, 2025.

Market Transition Completion

This is the date when the IESO officially completes the transition to the renewed real-time market systems and processes. This date is determined after the IESO is satisfied with the results of all necessary activation, testing, validation, adjustment, or restoration activities that support normal market operations, pursuant to Chapter 0.7 of the Market Rules, Section 13.2A.4.

The IESO will then issue a market advisory notice indicating the exact time when the Market Transition is complete and time at which the market suspension shall end. Following this decision, the IESO will proceed with launching the Day-Ahead Market and updating the Settlement and Market Participant Prudential Systems.

Rollback Plan and Activities

After the launch of the renewed Real-Time Market on May 1, 2025, the IESO will monitor progress and either continue to proceed with implementing the remaining changes of the renewed market or, if significant issues are encountered, revert to the *legacy* market rules, systems, and processes that were in place before the start of the Market Renewal Launch. If required, a decision to "rollback" would occur prior to the declaration of Market Transition completion. A rollback will be executed if the IESO determines that:

- the software, hardware, communication systems or business processes that support normal market operations have experienced a critical failure; and,
- the failure prevents the IESO from dispatching the IESO-controlled grid or administering the IESO-administered markets in a manner consistent with normal market operations or reliability; and
- the IESO is unable to resolve the failure within a reasonable time.

This section describes the list of activities and communications that will take place if a decision is made to return to the operation of the *legacy* market.

Scope of the Rollback Plan

Rollback will only apply to real-time market systems, Day-Ahead Commitment Process (DACP), Pre-dispatch (PD), databases and reports that will be updated during the Market Renewal Launch. It does not apply to the Day-Ahead Market (DAM), the Commercial Reconciliation System (CRS) and the Market Participant Prudential System (MPPS), as the cutover to the updated version of these systems will only occur after a decision has been made to go forward with the launch of the remaining changes of the renewed market.

Rollback Sequence

The table on the following pages outlines the sequence of activities that the IESO will perform to restore the operation of the *legacy* market and its supporting systems and data that are in Production at 22:00 EST (23:00 EPT) on April 30, 2025. At the end of the sequence, the IESO will operate the market and systems as if the cutover did not occur, subject to key commitments and conditions on the ICG that will be reflected in the real-time systems and logs.

Note: "T" is defined as the start time of when the actual rollback will occur.

Table 4-1: Rollback Sequence of Real-Time Market Systems

Time	Step	Description
T until T+ 0015	Rollback Decision and Communication	A decision is made to rollback based on the criteria outlined under the definition of "market transition error" in section 13.2A.7 of Chapter 0.7 of the Market Rules. The IESO will issue an Advisory Notice to inform Market Participants of the decision to rollback. The notice will include the start time of the rollback, when Market Participants are required to submit dispatch data, and the opening of the mandatory window.
T until T+ 0030	Complete Interchange Scheduling Protocol checkout activities	The IESO Control Room completes its Interchange Scheduling Protocol checkout activities with Neighbouring Jurisdictions. See Chapter 0.7 of the Market Rules, Sections 1.3.1, 6.1.3, 7.5.8A and 7.5.8B, and Market Manual 4, Part 4.3 for more information.
T + 0001	Stop *New* Dispatch Service	The new Dispatch Service system is stopped and disabled.
T + 0002	Start *Legacy* Dispatch Service	The *legacy* Dispatch Service System is started and enabled.
T until T + 0600	Start Manual Dispatch	The IESO Control Room will continue, or start, to manually dispatch resources. This will continue until a viable schedule is produced by the *legacy* MIS system.
T + 0001 until T + 0010	Open dispatch data submissions for the *Legacy* Market	Access to submit dispatch data to the new MIM system is disabled to prevent Market Participants from submitting data via web services. The EMI URL is disabled to prevent Market Participants from accessing this interface. Access to *legacy* EMI and MIM is re-enabled for Market Participants.
22:00 until 23:50 EST (23:00 – 00:50 EPT)	Dispatch data submissions are approved by CRO during mandatory dispatch window	Dispatch data that is submitted within the mandatory dispatch data submission window will be approved without undergoing Operator validation.

Time	Step	Description
T + 0006 until T + 0010	Start submitting Dispatch Data to *Legacy* Market	Market Participants will be informed that they will need to submit their dispatch data to *legacy* MIM and prepare to receive dispatch instructions from *legacy* Dispatch Service in approximately 6 hours.
T + 0001 until T + 0045	New Dispatch Engines and other systems are stopped. Manual dispatch is started or continued.	The new dispatch engines are stopped. CRO will manually dispatch resources.
T + 0010 until T + 0335	*Legacy* real-time systems activated	*Legacy* real-time systems are activated and synchronized.
T + 0030 until T + 0330	Dispatch data is validated	The IESO will validate that sufficient dispatch data is available for the first run of the *legacy* Pre-Dispatch engine. If there is insufficient data, Market Participants will be sent a reminder to submit data.
T + 0337 until T + 0430	Run the *Legacy* Dispatch Engines and Validate Results	The IESO will proceed to run the *legacy* Pre-Dispatch and RT-MIO sequences and evaluate the results. The IESO will evaluate the results of the first run of PD sequences and if valid, will then enable publishing of results to MPs for the second run of PD.
T + 0545 until T + 0550	Publish RT-MIO results and enable auto dispatch of resources	If RT MIO results are deemed acceptable, the IESO re-enables automated dispatching of resources. Note that IESO will send dispatch instructions to all resources for approximately an hour.
T + 0600 until T + 0700	Enable RDISP Filter	Filter enabled to only send changes to dispatch instructions.

Time	Step	Description
T + 0600 until T + 0800	IESO Public Website publishing of dynamic content resumed	
T + 0700	Legacy MP Prudential System Available for MP Access	MP Prudential System is made available for MP access.
T + 0800	Restriction period for Registration Changes Ended	
T + 0800	Prudential Support Obligations Published	
Prior to 10:00 EST (11:00 EPT)	Restart DACP sequences	If rollback is completed prior to 10:00 EST (11:00 EPT) of the dispatch day, the DACP will be started. Otherwise, the DACP will run prior to 10:00 EST (11:00 EPT) on the next dispatch day.
T + 0800	Rollback completed	The IESO confirms that rollback sequence has concluded. Market Participants are notified that the transition to the *legacy* market has been completed successfully.
	Prices Administered for period April 30, 22:40 EST (23:40 EPT) until rollback completed	Ex-Post to administer prices per legacy market rules Chapter 0.7, Section 8.4A for period April 30, 22:40 EST (23:40 EPT) to the interval preceding first valid price and schedule published by RT-MIO

Note: In the event of rollback, publishing content from *legacy* market systems to the IESO public website will resume after the rollback is successfully completed.

Administrative Pricing During Rollback to Legacy Systems and Market

The IESO will use existing mechanisms in the *legacy* market to administer prices.

In scenarios that require a rollback to *legacy* systems, the IESO will use the last valid interval's prices for up to 24 missed intervals.

Beyond 24 intervals, historical average prices will be used.

Post-Market Renewal Launch

After the successful launch of the real-time market, day-ahead market, settlement, and prudential systems, the launch of the renewed market will be declared complete. The next sections outline the post-launch activities related to the following:

- Public and Private Reports
- Market Settlements
- Market Power Mitigation (MPM) Constrained Area Designations
- Transmission Rights Auction.

Public and Private Reports: May 1, 2025, to May 7, 2025

Some of the current public and private reports will continue and remain unchanged after the Market Renewal Launch.

Other reports will no longer be published as of May 1, 2025. These reports are listed under the *Decommissioned Reports* section of Quick Take: Changes to Reports Site. Although these operational reports are set to be retired, they will remain in the IESO Reports site until the IESO's retention policy has expired.

MRP introduces several new and updated reports for Market Participants. These reports are also identified in the Quick Take: Changes to Reports Site. If the updated report contains significant modifications, two sets of reports will exist in the IESO Reports site: one up to the launch date, and another from that point onwards. This separation of data is also applied to annual reports.

The Quick Take: Changes to Reports Site will be updated once the schedule for each report has been confirmed.

Market Settlements

The IESO's Commercial Reconciliation System (CRS) will be updated on the morning of May 7, 2025, to support the settlement of both *legacy* and new charges according to the applicable market rules. This is to ensure that new Settlement calculations are triggered and that all existing charges from the *legacy* market remain available for settlement until the end of the 2-year limitation period.

Settlement during Market Renewal Launch

During the launch of the renewed market, data may not be available for specific intervals where the IESO is manually dispatching resources and administering prices. In these instances, settlement amounts will be determined using administered prices.

The first settlement calculation that will reflect the changes of the renewed market will be generated on Day 6 (May 7, 2025) of the market renewal launch plan.

Settlement Schedule

There will be no changes to the timelines that are published in the IESO Settlement Schedule and Payment Calendars. The dates will remain as-is for 2025.

The 2025 market calendar was published on November 1, 2024, per section 6.2 of Chapter 0.9 of the Market Rules.

Market Participant Invoicing

Invoices will continue to be published once a month, 10 business days after the end of the previous calendar month. It will be based on the final settlement statement data for the first half of the affected calendar month and on the preliminary settlement statement data for the last half of the month, as well as any recalculated settlement adjustments.

The first invoice that reflects the charges for the renewed market will be issued on June 14, 2025.

Preliminary Settlement Statements

Preliminary settlement statements will continue to be published 10 business days after each trade date. If participants have disagreements with any of their settlement transactions, they should submit a Notice of Disagreement (NOD) to the IESO using Online IESO within 10 business days of receiving their preliminary statement.

The first preliminary statement for the May 1, 2025, trade date will be issued to Market Participants on May 15, 2025.

Final Settlement Statements

Final settlement statements will continue to be published 20 business days after each trade date.

The first final statement that reflects the changes that have been introduced by MRP will be issued on May 29, 2025.

Settlement Data Files

The first appearance of new data files for the renewed market will accompany the first preliminary statement issued on May 15, 2025. These data files will contain charges for both the *legacy* and renewed market until the 2-year limitation period has expired.

Transferring Funds

Market Participants are still required to make payments to the IESO within 2 business days of receiving their invoice. Similarly, suppliers will continue to receive their funds within 4 business days of receiving their invoice.

Notice of Disagreement (NOD) Timelines

Starting May 1, 2025, the timelines associated with filing a notice of disagreement for preliminary settlement statements will be ten (10) business days.

Please see Section B.1.2 of Chapter 0.9 of the Market Rules for additional information.

Market Power Mitigation (MPM) - Constrained Area Designations

Several new data inputs are required for effective MPM processes. However, not all required data will be available immediately after the launch of the renewed market.

The designation of Narrow and Dynamic Constrained Areas, and Uncompetitive Intertie Zones, will be delayed by at least six months after the first trade date of the renewed market. Following their initial designation, the IESO is responsible for updating Potential Constrained Areas and uncompetitive intertie zone designations on an ongoing basis based on the criteria in the Market Rules.

The IESO will communicate designations and effective dates at a future time after the successful completion of the Market Renewal Launch.

Please see section 2 of Market Manual 14.1 for more information on the designation of constrained areas.

Transmission Rights Auction

The Transmission Rights Auctions will resume following completion of the renewed market launch. The IESO will communicate to Market Participants when the Transmission Rights auctions will resume per the Market Rules.

IESO Support

Market Participants should continue to contact IESO Customer Relations at IESOCustomerRelations@ieso.ca for questions or assistance.

Stakeholders who are interested in becoming a Virtual Trader and/or a Price Responsive Load in the renewed market should submit an email to the Market Renewal team at Market.Renewal@ieso.ca.

If Market Participants have questions and/or concerns related to their Reference Level/Reference Quantity data and Market Control Entities, they can contact the Market Power Mitigation team directly at MPM@ieso.ca to receive additional support.

Additional Resources

Market Renewal

- Market Rules and Manuals
- Additional Market Renewal Resources
- Implementation Engagement

Market Participant Readiness

- The Readiness Plan for Registration Launch and Reference Level Launch
- Guide to Prudentials at the IESO
- Marketplace Training
- Introduction to Virtual Traders

Quick Takes

- Quick Take: Changes to Reports Site

Market Participant Testing

- MRP Market Participant Test Plan
- MRP End-to-End Testing Test Plan
- Cutover Testing and Pre-Production Testing Presentation

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