

**APRIL 17, 2024**

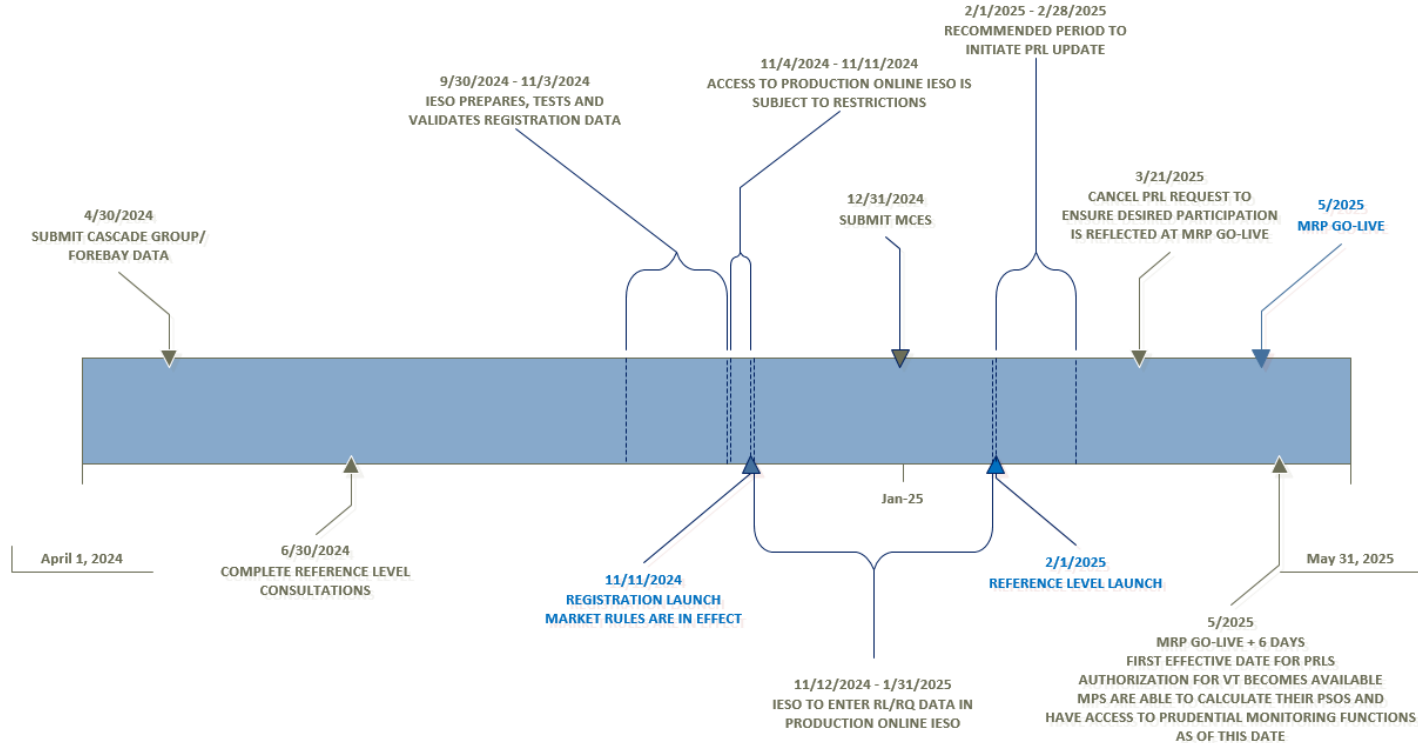
# Market Renewal Program (MRP): Highlights of Registration Launch and Reference Level Launch for Market Participants

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# Overview and Purpose

- Registration and authorization activities must be completed prior to MRP Go-Live to ensure market participation and registration information is available and fully compatible with the new market in May 2025.
- The purpose of this presentation is to provide Market Participants (MP) with key dates for when Market Registration systems and data become available in Production, and the activities they are recommended to perform to ensure that their organization, facility, and resource attributes are up-to-date before MRP Go-Live.

# Registration and Reference Level Launch Overview



# Registration Launch

- **Launch of the Updated Registration System: November 11, 2024**

This is the day when the IESO will cutover to the updated registration system and MRP workflows, and make them available in Production Online IESO.

- **Post-Registration Launch Activities: November 12, 2024 onwards**

Market Participants will need to navigate the workflows and enter/verify their MRP registration and authorization data, via Production Online IESO.

# Reference Level Launch

- **Reference Level Launch: February 1, 2025**

This is the day when Market Participants can begin to view their Reference Levels and Reference Quantities, and assign a Market Power Mitigation (MPM) Contact in Production Online IESO.

# Registration Launch Plan

Planned Activity Date(s)	Description
April 30, 2024	Due date for Market Participants with hydroelectric resources on a cascade river system to submit their cascade group, forebay, and time lag data to the IESO. Impacted Market Participants were provided with an Excel workbook last year to complete offline and to send the requested data to the Market Renewal mailbox ( <a href="mailto:market.renewal@ieso.ca">market.renewal@ieso.ca</a> ) by this date.
September 30, 2024 – November 3, 2024	IESO will prepare, test and validate registration data for Registration Launch.
November 4, 2024 – November 11, 2024	<p>Access to Production Online IESO will remain available with the following restrictions:</p> <ul style="list-style-type: none"><li>• No request for additions or changes of generation, load, and storage resource and synchronous machine/motor. The IESO will <b>reject</b> these requests.</li></ul> <p>All other changes will be permitted, including activities like:</p> <ul style="list-style-type: none"><li>• Changes to organization profiles, contact roles, and user accounts.</li><li>• Changes to other resource types (i.e. stations) and equipment (i.e. switches, transformers, breakers, etc.).</li><li>• Registration Approval Notices (RANs) with effective dates during this period that were approved prior to November 4<sup>th</sup>.</li></ul>

# Registration Launch Plan (continued)

<b>Planned Activity Date(s)</b>	<b>Description</b>
November 11, 2024	Registration Launch; cutover to the updated registration system and MRP workflows. Market Rules are in effect as of this date.
November 12, 2024 onwards	Post-Registration Launch. Market Participants should log in to Production Online IESO to view the new MRP workflows, and to validate and maintain their authorization and registration data.

# Reference Level Launch Plan

Planned Activity Date(s)	Description
June 30, 2024	Market Participants are asked to have fully addressed any outstanding comments or questions regarding their reference level consultations by this date. Preliminary view (PV) reports will be issued to Market Participants by the IESO on a rolling basis between this date and Registration Launch (Nov 11, 2024).
November 11, 2024	Registration Launch. Market Rules are in effect as of this date.
November 12, 2024 – January 31, 2025	<p>The IESO will enter Reference Level/Reference Quantity (RL/RQ) data in Production Online IESO consistent with the draft PV reports that were previously provided to Market Participants.</p> <ul style="list-style-type: none"><li>• PV reports are issued via Workspaces and are available for review.</li><li>• MPs are provided access to the Independent Review Process (IRP) as of this date.</li><li>• MPs are given <b>11 days after the IESO issues the PV report</b> to request an IRP.</li><li>• Once the 11-day period has elapsed, the IESO will register RL/RQs and execute any necessary IRPs.</li></ul>
February 1, 2025	Reference Level Launch. Workflows for entering RL/RQ data are available to MPs. All IESO-entered RL/RQs will be visible in Production Online IESO. Participants can initiate workflows to update these values and assign an MPM Contact as of this date.



# MP Considerations: Market Control Entities

- Market Rule Chapter 7, Section 22.9 defines Market Control Entity (MCE)
- Applies to Market Participants who:
  - own a generation resource, dispatchable load resource, and/or an electricity storage resource; and/or
  - are authorized as an energy trader.
- Market Participants will be unable to request updates to equipment, resource, facility and/or organization data in Production Online IESO until they provide the necessary MCE data. Online IESO will prompt Market Participants to provide the relevant information as requested in these workflows.

## MP Considerations: Market Control Entities (cont.)

- Market Participants will be able to submit their MCEs in Production Online IESO as of Registration Launch, and are recommended to provide this data by **December 31, 2024** to ensure subsequent registration updates can be processed and approved before MRP Go-Live.
- Instructions on how to submit MCEs to the IESO can be found in Section 3 of the [Guide to Submitting New Registration Parameters and Forms in Online IESO](#).

# MP Considerations: Price Responsive Load (PRL)

- Market Rule Chapter 11 defines Price Responsive Load
- For those interested in updating their load resources to a PRL, participants can submit the request between **November 12, 2024** and **February 21, 2025**. Updates to resource and equipment data will be restricted once that resource has elected to become a PRL and will last until the specified effective date. Therefore, Market Participants are recommended to initiate this change starting in **February 2025**.
- 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 MRP Go-Live**.

## MP Considerations: Price Responsive Load (PRL) Cont'd

- MPs can cancel their PRL request via Production Online IESO and should do so before **March 21, 2025**, to ensure that their desired participation is reflected for MRP Go-Live.
- Demand Response (DR) Providers who secured an Hourly Demand Response (HDR) capacity obligation for summer 2025 in the 2024 Capacity Auction cannot fulfill a virtual HDR obligation with DR Contributors who are also PRL.
- An Non-Dispatchable Load (NDL) resource that intends to become a PRL and is registered as a Virtual HDR Contributor must work with their HDR Provider to de-register from the portfolio by the PRL effective date.

## MP Considerations: Price Responsive Load (cont.)

- No changes are required for NDL resources that have elected to become a PRL and are registered as a Physical HDR resource.
- Dispatchable loads which secured a capacity obligation for summer 2025 in the 2024 Capacity Auction cannot fulfill such obligation as a PRL. When setting the effective date for the PRL, the date should be after their obligation period.
- Instructions on how to change a resource type to a PRL are under Section 2.4 of the [Guide to Submitting New Registration Parameters and Forms in Online IESO](#)

# MP Considerations: Virtual Trader

- Market Rule Chapter 11 defines a Virtual Trader
- New organizations planning to participate as a Virtual Trader may begin registering their organization as a Market Participant **as of Registration Launch.**
- Market Participants will not be able to request authorization as a Virtual Trader until **6 days after MRP Go-Live.**
- To become a Virtual Trader in the future market, Market Participants will need to (re)submit the [Register an Organization](#) form located on the IESO's corporate website. The new participation type will be available under the "Intent of Registration" section.

# MP Considerations: Resource Parameters

- Mandatory new and updated parameters for generation, load, and storage resources will be established by the IESO using existing registered information on the Market Participant's behalf and loaded into Production Online IESO at Registration Launch.
- Optional new and updated parameters for generation, load, and storage resources will have a default of 'not selected.' Elections must be submitted by Market Participations after Registration Launch for review and approval.

## MP Considerations: Resource Parameters Cont'd

- Market Participants with hydroelectric resources on a cascade river system are encouraged to submit their cascade group/forebay data to the IESO prior to **April 30, 2024**. This data will be used to support Market Participant testing and will be loaded in Production Online IESO at Registration Launch to expedite the registration process.
- Failure to provide or submitting a different set of cascade group/forebay data from what was used during reference consultations will impact the RL/RQ that will be used at Reference Level Launch.
- Impacted resources that do not submit their cascade group/forebay data will be treated as independent resources at MRP Go-Live.
- Market Participants who were unable to provide their cascade group/forebay data in advance will still be able submit this information through their Enrolment Specialist after Registration Launch.



## MP Considerations: Resource Parameters (cont.)

- Market Participants are encouraged to log in to Production Online IESO to validate and maintain their authorization and registration data. If an MP does not validate their data, then the IESO-established values will be used at MRP Go-Live until the Market Participant updates the data.
- Changes to resource parameters may trigger a new reference consultation to ensure that the registered RLs/RQs reflect the current state of the resource.
- Instructions on how to submit or update resource parameters are under Section 2.1, 2.2, and 2.3 of the [Guide to Submitting New Registration Parameters and Forms in Online IESO](#)

# MP Considerations: Prudential Support Obligation

- Market Participants will be able to estimate their Prudential Support Obligations (PSO) in Sandbox Online IESO starting **one week after Registration Launch (~November 18, 2024)**
- Estimated PSOs in Sandbox may be different from the actual PSOs established after MRP Go-Live due to changing OEB rates and historical price information.
- Market Participants may update their collateral based on their Sandbox estimates prior to MRP Go-Live to reduce transition risk.

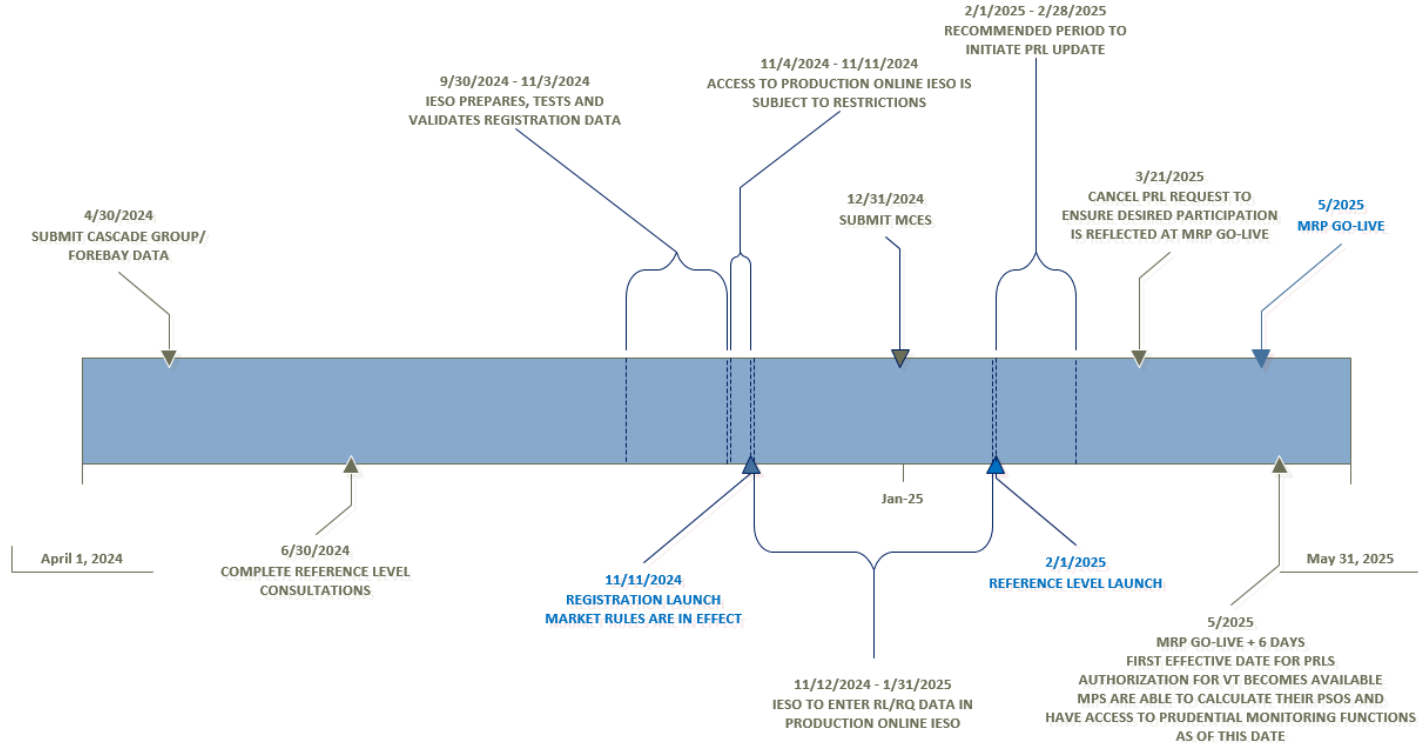
# MP Considerations: Prudential Support Obligation (PSO)

- Market Participants will be able to calculate their PSO in Production Online IESO starting **6 days after MRP Go-Live**. Prudential monitoring functions will also be launched at this time.
- Market Participants will be required to update their collateral based on the actual PSOs once approved.
- The updated Guide to Prudentials will be available for Market Participants in Q2 2024.

## Next Steps

- The IESO will incorporate feedback from IWG in its Registration and Reference Level Launch Readiness Plan.
- The IESO will present highlights of the Registration and Reference Level Launch Readiness Plan in the April 2024 stakeholder engagement session.
- The finalized Registration and Reference Level Launch Readiness Plan will be posted under MRP's Market Participant Readiness webpage in June 2024.

# Registration and Reference Level Launch Recap



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# Thank You

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