
Guide to Submitting New Registration Parameters and Forms in Online IESO

IESO Training

May 2025



AN IESO MARKETPLACE TRAINING PUBLICATION

This guide has been prepared to assist in the IESO training of market participants and has been compiled from extracts from the market rules or documents posted on the web site of Ontario's Independent Electricity System Operator. Users of this guide are reminded that they remain responsible for complying with all of their obligations under the market rules and associated policies, standards and procedures relating to the subject matter of this guide, even if such obligations are not specifically referred to herein. While every effort has been made to ensure the provisions of this guide are accurate and up to date, users must be aware that the specific provisions of the market rules or particular document shall govern.

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1. Introduction

The IESO implemented a renewed market in May 2025. As part of this implementation, new registration forms and parameters were introduced and updated in Online IESO. This document provides a summary of these parameters and forms, as well as step-by-step instructions for market participants to follow when providing this information in Online IESO.

This document will:

- identify which resource registration parameters are new, updated, or will be retired in the renewed market;
- explain the purpose of each new or updated resource registration parameter or why a parameter is being deleted;
- explain how to submit the new or updated registration parameters in Online IESO;
- explain the concept of a Market Control Entity (MCE);
- identify who needs to submit MCEs; and
- explain how to update MCE information in Online IESO.

2. Resource Registration Parameters

2.1 Pseudo-Unit Resources

Currently, combined cycle gas generators participating in the IESO market may elect to submit dispatch data for pseudo-unit (PSU) resources in lieu of the associated physical units. Currently, PSU modelling is only used during the current day-ahead commitment process and physical units are used for the pre-dispatch and real-time timeframes. Under the renewed market, PSU modelling will be used in all three calculation engines and scheduling timeframes. Furthermore, along with new dispatch data, one additional registration parameter is being introduced for PSU units as described below.

Parameter: *Duct Firing 10-Minute Reserve Capability*

Type of Change: New

Description: Steam turbines may not have the capability to initiate duct firing to respond to a 10-minute reserve activation within the duct firing operating region. Therefore, the new registration parameter will allow the IESO to schedule PSUs with this capability in the Day- Ahead Market (DAM), Pre-Dispatch (PD) and Real-Time Market (RTM) timeframes. When set to No, a PSU will not be scheduled for 10-minute synchronized or 10-minute non- synchronized operating reserve in the duct firing region. A value of Yes allows calculation engines to schedule any class of operating reserve in the duct firing region. The table below provides a summary of the new registration parameter that will be used by the IESO for scheduling PSU units.

Registration Parameter Name	Type of Change	Entered By	Mandatory or Optional	Brief Description
<i>Duct Firing 10-Minute Reserve Capability</i>	New	Market Participant	Mandatory	<ul style="list-style-type: none">Determines which class of operating reserve can be scheduled in the duct firing region

The steps, which describe how to update this pseudo-unit parameter in Online IESO, are listed in Appendix A of this document.

2.2 Hydroelectric Resources

In today's market, there is a limited ability to model a hydroelectric generation resource's operational constraints. To address this inefficiency, the IESO is introducing new dispatch data parameters along with five new registration parameters. One existing registration parameter is being updated and two are being deleted. A summary of the new and impacted parameters is provided below.

Parameters: *Cascade Group and Forebay*

Type of Change: New

Description: Hydro resources on a cascade river system will be registered by the IESO with the new Cascade Group and Forebay parameters in order to account for the constraints related to their interdependencies. Each resource registered on a Forebay must share its maximum daily energy limit and its minimum daily energy limit with all other resources registered on that Forebay. In the Day-Ahead Market and the Pre-Dispatch scheduling process, all resources registered on a Forebay are evaluated such that the sum of their hourly schedules respect market participant submissions of the maximum daily energy limit and the minimum daily energy limit dispatch data parameters.

Parameter: *Time Lag*

Type of Change: New

Description: Currently, there are specific intertemporal dependencies related to cascade hydro resources not easily reflected through offers submitted by market participants. To address this gap, the new Time Lag registration parameter is being introduced as a registration and dispatch data parameter. The value specifies the time for water discharged from an upstream resource to reach a downstream resource, which will be used by the IESO for more efficient scheduling of cascade hydro resources. The new registration parameter will be used by the calculation engine to validate that the associated dispatch data submission is less than the registered value.

Parameter: *Hourly Must Run Flag*

Type of Change: New

Description: There are regulatory, environmental, and water management issues requiring hydro resources to run under certain conditions. The new Hourly Must Run Flag will be used by the calculation engine to determine eligibility for submission of the associated new "Hourly Must Run" dispatch data. If the Hourly Must Run Flag has a value of Yes, then the market participant will be permitted to submit the Hourly Must Run dispatch data parameter in the scheduling processes and the IESO would schedule hydro resource to no less than its hourly must run value. A value of No will not permit the market participant to submit the hourly must run dispatch data parameter in the calculation engine.

Parameter: *Start Indication Value*

Type of Change: New

Description: A new Start Indication Value registration parameter (for Hydro Resources) will be used to identify the minimum quantity of energy that must be generated by the unit in order for it to be considered a material start. Additionally, hydro resources can be aggregated to represent more than one physical unit, but each unit may have a different Start Indication Value. The Start Indication Value in conjunction with the Maximum Number of Starts Per Day dispatch data will be used to limit the number of times a hydro resource can be scheduled, on an hourly basis.

Parameter: *Forbidden Regions*

Type of Change: Updated

Description: Forbidden Regions is an existing registration parameter that identifies operating ranges where resources are unable to operate safely. The number of forbidden regions that resources can provide is being expanded from three to five. This parameter will continue to be used by the calculation engine to validate dispatch data submissions.

Parameter: *Daily Cascading Hydroelectric Dependency*

Type of Change: Retired

Description: This parameter is being replaced by the new Time Lag parameter.

Parameter: *Eligible Energy Limited Resource (EELR) Flag*

Type of Change: Retired

Description: This parameter is currently used as a qualifier for daily energy limit submissions. This parameter will be retired as the new DAM will not have a re-submission window.

Registration Parameter Name	Type of Change	Entered By	Mandatory or Optional	Brief Description
<i>Cascade Group & Forebay</i>	New	IESO	Optional	<ul style="list-style-type: none">Registered by the IESO to establish the relationship between upstream and downstream resourcesAll resources registered on a <i>Forebay</i> must have the same registered market participantAll resources registered on each <i>Forebay</i> within a <i>Cascade Group</i> must have the same owner

Registration Parameter Name	Type of Change	Entered By	Mandatory or Optional	Brief Description
<i>Time Lag</i>	New	Market Participant	Optional	<ul style="list-style-type: none"> • Time required for water discharged from an upstream forebay to reach the adjacent downstream forebay • Market participants are required to submit documentation that demonstrates cascading dependency • Used by the calculation engine to ensure that dispatch data submissions for <i>time lag</i> are less than the registered value
<i>Hourly Must Run Flag</i>	New	Market Participant	Optional	<ul style="list-style-type: none"> • Indicator for a resource that has hourly must run conditions • Market participant must submit supporting documentation demonstrating hourly must run conditions • Used by the calculation engine to determine eligibility for submission of hourly must run as dispatch data
<i>Start Indication Value</i>	New	Market Participant	Optional	<ul style="list-style-type: none"> • Minimum quantity of energy to which a generation unit must be scheduled • Used by the day-ahead and pre-dispatch calculation engines to determine the number of available starts remaining for the resource
<i>Number of Forbidden Regions</i>	Updated	Market Participant	Optional	<ul style="list-style-type: none"> • Will be expanded from three to five pre-defined operating ranges where resources are unable to operate safely • Will be used by THE CALCULATION ENGINE to validate dispatch data submissions
<i>Daily Cascading Hydroelectric Dependency</i>	Retired	N/A	N/A	<ul style="list-style-type: none"> • Replaced by the new <i>time lag</i> registration parameter
<i>Eligible Energy Limited Resource (EELR) Flag</i>	Retired	N/A	N/A	<ul style="list-style-type: none"> • New Day-Ahead Market will not have a re-submission window • Currently used as qualifier for daily energy limit submission

The steps, which describe how to update these hydroelectric parameters in Online IESO are listed in Appendix B of this document.

2.3 Non-Quick Start Resources

There are a number of changes to Non-Quick Start (NQS) modelling as a result of the renewed market.

Parameter: *GOG Eligibility Flag*

Type of Change: Updated

Description: This parameter will replace the existing Production Cost Guarantee (PCG) Eligibility Flag, and will indicate whether or not a resource is eligible for a generator offer guarantee. The GOG Eligibility Flag is automatically set by the IESO. The resource is eligible when the following criteria are met:

Quick Start = No

AND Minimum Loading Point > 0 MW

AND Minimum Generator Block Run Time > 1 hour

AND Estimated Time to Dispatch > 60 min

Parameters: *Minimum Loading Point (MLP) and Minimum Generator Block Run Time (MGBRT)*

Type of Change: Updated

Description: Both the MLP and MGBRT are currently used by the calculation engine to validate dispatch data. In the renewed market, the calculation engine will no longer use these parameters for validation. However, these parameters are retained to establish GOG eligibility.

Parameters: *Speed No-Load and Start-Up Offer Flag*

Type of Change: New

Description: New parameters, which will replace the existing three-part offer flag. These parameters indicate that the market participant is intending to submit speed no-load and start-up offers respectively.

Parameters: *Day Ahead-Production Cost Guarantee Eligibility Flag, Real Time-Generator Cost Guarantee Eligibility Flag, and Production Cost Guarantee Eligibility Flag*

Type of Change: Retired

Description: The GOG Eligibility Flag will replace the above existing parameters.

Registration Parameter Name	Type of Change	Entered By	Mandatory or Optional	Brief Description
<i>GOG Eligibility Flag</i>	New	IESO	Optional	<ul style="list-style-type: none"> New parameter that will replace the existing PCG Eligibility Flag

Registration Parameter Name	Type of Change	Entered By	Mandatory or Optional	Brief Description
<i>Minimum Loading Point (MLP)</i>	Updated	Market Participant	Mandatory	<ul style="list-style-type: none"> No longer used by the calculation engine to validate dispatch data submissions Will be used to establish GOG eligibility
<i>Minimum Generator Block Run Time (MGBRT)</i>	Updated	Market Participant	Optional	<ul style="list-style-type: none"> No longer used by the calculation engine to validate dispatch data submissions Will be used to establish GOG eligibility
<i>Speed No-Load Flag</i>	New	Market Participant	Mandatory	<ul style="list-style-type: none"> Indicates the market participant's intent to submit speed no-load offers
<i>Start-Up Offers Flag</i>	New	Market Participant	Mandatory	<ul style="list-style-type: none"> Indicates the market participant's intent to submit start-up offers
<i>DA-PCG Eligibility Flag</i>	Retired	N/A	N/A	<ul style="list-style-type: none"> Day-Ahead Production Cost Guarantee program will be retired
<i>RT-GCG Eligibility Flag</i>	Retired	N/A	N/A	<ul style="list-style-type: none"> Real-Time Generator Cost Guarantee program will be retired
<i>PCG Eligibility Flag</i>	Retired	N/A	N/A	<ul style="list-style-type: none"> Parameter will be replaced by the Generator Offer Guarantee Eligibility Flag

2.4 Price Responsive Loads

Non-dispatchable loads may participate in the renewed market as a Price Responsive Load (PRL). However, it is a pre-requisite to first have a Registered Market Participant (RMP) as a Participation Type for their Organization. Otherwise, they will not be able to submit their PRL requests in Online IESO. This is supported by the definition of PRL in Market Rules Chapter 11: “a *load resource* for which the *registered market participant* is authorized to submit *bids* for *energy* into the *day-ahead market*...”

PRLs are also required to register their Market Control Entities (MCEs). An MCE is any entity (an individual or organization) that has the ability to control or influence the participation of a market participant in the DAM and/or RTM (refer to Market Rules Chapter 7: System Operations and Physical Markets, section 22.9 for details). Submission of this information is required by the IESO to conduct market monitoring activities.

MCE information must be submitted before registration as a PRL can be completed. MCE data can be submitted and updated as required through Online IESO. Email Market.Registration@ieso.ca for assistance in completing the RMP participation or MCE submission.

To support this new resource type, the existing bid/offer type parameter will be updated to allow PRLs to submit bids in the Day-Ahead Market. Furthermore, a new parameter is being added to validate bids from PRLs that also act as an Hourly Demand Response (HDR) participant.

Parameter: *Maximum Load – Active Power*

Type of Change: New

Description: This new parameter is the maximum energy withdrawal capacity of the resource, which is calculated automatically by the IESO as the sum of "Total Peak Load - Active power" from all associated load equipment. It will be used by the calculation engine to validate energy bids. If a PRL is also an HDR participant, the parameter will be used to reject energy bids that result in a total HDR and energy bid amount greater than the registered value. The validation will prevent a PRL from submitting a bid quantity that is greater than its physical consumption ability.

Parameters: *Bid/Offer Type*

Type of Change: Updated

Description: To support the addition of the new PRL resource type, a new “Day Ahead Price Responsive” option will be added to the existing list of options (Non-Dispatchable and Dispatchable).

Registration Parameter Name	Type of Change	Entered By	Mandatory or Optional	Brief Description
<i>Maximum Load– Active Power</i>	New	IESO	Mandatory	<ul style="list-style-type: none"> • Maximum withdrawal capacity of a price responsive load. • Calculated as the sum of "Total Peak Load - Active power" from all associated load equipment • To be used by the calculation engine to prevent PRLs that also participate as physical HDR resources from implicitly acting like virtual traders
<i>Bid/Offer Type</i>	Updated	Market Participant	Mandatory	<ul style="list-style-type: none"> • Values will be updated to include "Day-Ahead Price Responsive"

The MP must email Market.Registration@ieso.ca when they want to initiate their PRL requests, after which they can follow the steps that describe how to identify a resource as a price responsive load in Online IESO in Appendix C of this document. For more information about PRL, please refer to the [PRL training guide](#) posted on the IESO website.

3. Market Control Entity

3.1 What are Market Control Entities (MCEs)?

MCEs are persons and/or entities that have the ability to control or influence, directly or indirectly, the participation of a market participant (MP) in the Day-Ahead Market and Real-Time Market. An MCE can be a person or an entity already registered with the IESO or external to the IESO.

There are two types of MCEs that are required to be disclosed to the IESO by MPs as described below.

3.1.1 Market Control Entity

Market Control Entity is an entity that is associated with an MP but may not necessarily have total control of its market operations. This information is used to assist the IESO to conduct general market monitoring activities. MPs are **required** to disclose **all** persons or entities that:

- own voting securities of the MP,
- are able to appoint or elect directors of the MP,
- are a partner in or of the MP, have beneficial interest in the MP,
- has the right or ability to determine a resource's bids and offers of the MP, or
- the ability to follow the dispatch instructions given to a resource of the MP.

For more details, refer to [Market Rules Chapter 7, section 22.9.](#)

A *Market Control Entity* is required to be identified by the MP for each of its resources that is a generation resource, dispatchable load, PRL, electricity storage resource, energy trader, or a virtual trader.

3.1.2 Market Control Entity for Physical Withholding

The MP is required to designate one of the MCEs disclosed above as the Market Control Entity for Physical Withholding. The Market Entity for Physical Withholding is a single entity that has control of a market participant that owns dispatchable resources. Physical Withholding is when the MP is submitting energy offers or operating reserve offers that are significantly less than their reference quantities. When MPs hold back available supply, it may result in higher prices in the market. All MPs are required to designate one entity as the Market Control Entity for Physical Withholding for each of their resources. The MP is required to select the MCE for Physical Withholding using the criteria as set out in [Sections 22.9.4 - 22.9.8 of Chapter 7 of the Market Rules.](#)

Refer to Appendix D of this document for instructions on how to submit MCE information in Online IESO.

3.2 Who has to disclose MCE information to the IESO?

The following Market Participant types are required to submit MCE information to the IESO:

1. Generators which includes:
 - Dispatchable Generators
 - Non-Dispatchable Generators
2. Wholesale Consumers which includes:
 - Dispatchable Loads
 - Price-Responsive Loads (PRLs)
3. Electricity Storage Resources which includes:
 - Dispatchable generation resource and dispatchable load resource
 - Self-scheduling generation resource
 - Non-Dispatchable generation resource
4. Energy Traders
5. Virtual Traders

3.3 Best Practices

MPs are required to type out the Market Control Entity details such as the Legal Name, mailing address, postal code, and mailing country. When MPs type out the Legal Name of their Market Control Entity, it is important for MPs to submit accurate MCE information and to not use abbreviations. The IESO will review MCE submissions to ensure accuracy before approving them. If the IESO rejects the MCE submission, the IESO will send a comment through Online IESO to explain the reason for rejection, and the MCE task (under the Tasks tab) will be sent to the Applicant Representative to revise and resubmit.

3.4 Maintenance of MCE Information

Any changes to MCE information should be updated in Online IESO as soon as possible. If the MP wishes to transfer the registration of a facility to other MPs as a result of their intent to sell, lease, assign, or transfer control of the facility, the market control entity and/or the market control entity for physical withholding needs to be updated in Online IESO. It is important for MPs to have updated MCE information in Online IESO as the IESO conducts maintenance procedures from time to time to ensure that all facilities continue to meet the minimum requirements as per Market Manual 7.3. The maintenance procedures also ensure any changes or additions to facilities and their associated resources participating in the IESO Administered markets do not negatively impact the security and reliability of the IESO controlled grid.



4. Further Reading

Market Rules under the [MRP Webpage](#):

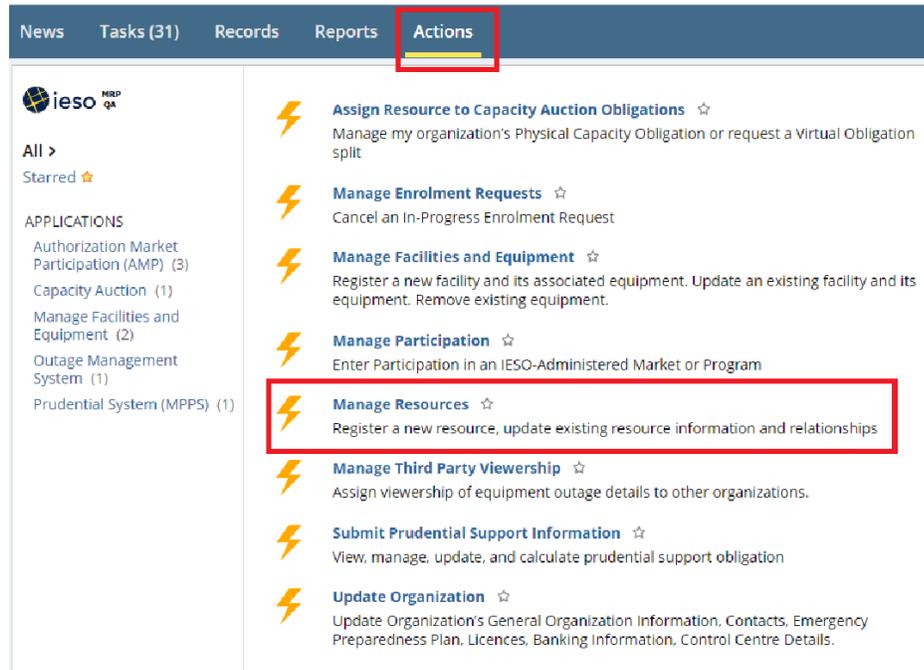
- Market Rules Chapter 7: System Operations and Physical Markets

Market Manuals under the [MRP Webpage](#):

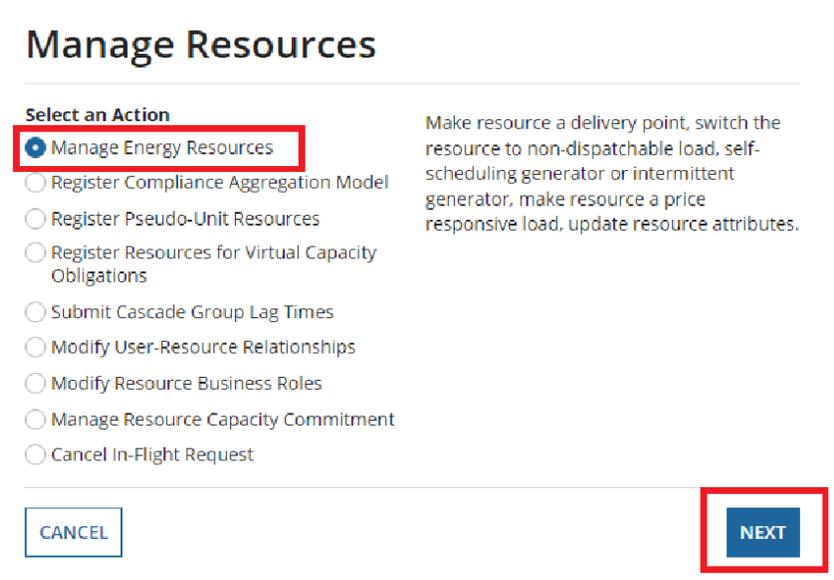
- Market Manual 1.5: Market Registration Procedures
- Market Manual 4.1: Submitting Dispatch Data in the Physical Markets
- Market Manual 7.3: Outage Management
- Market Manual 14.1: Market Power Mitigation Procedures

5. Appendix A: Updating Pseudo-Unit Parameters in Online IESO

1. Log in to Online IESO and select **Actions** on top of screen. Then select **Manage Resources** from the list of actions.



2. Select **Manage Energy Resources** and click on **Next**.



3. Select the **Owner Organization** and **Facility**. Provide a **brief description** in the text box provided and click on **Next**.

Manage Resources

Action
Manage Energy Resources

Make resource a delivery point, switch the resource to non-dispatchable load, self-scheduling generator or intermittent generator, make resource a price responsive load, update resource attributes.

Owner Organization*
ABC Corp

Select which organization owns the equipment associated to the resources you intend on managing

Select a Facility*
Site A

Provide a brief summary of your request. Also indicate any related Market Power Mitigation Reference Level / Reference Quantity request ID(s) or indicate that a new Reference Level / Reference Quantity request is required.*

Update Duct Firing 10-Minute Reserve Capability

[BACK](#) [NEXT](#)

4. Select the appropriate steam turbine resource listed from Existing Resource List and click on **Modify Resource**.

Request Information

Request Type Manage Energy Resources **Request Number** 9684
Organization ABC Corp **Facility** Site A
Request Comment Duct Firing 10-Minute Reserve Capability

Resource List

<input type="checkbox"/>	Resource Name	Resource Type	New or Registered	Action	Connection Point	Review Status
No items available						

[EDIT](#) [REMOVE](#)

Existing Resource List

<input type="checkbox"/>	Resource Name	Resource Type	Connection Point
<input type="checkbox"/>	TEST-R.09	GEN	TESTSITE
<input checked="" type="checkbox"/>	TEST-R.10	GEN	TESTSITE
<input type="checkbox"/>	TEST-R.11	GEN	TESTSITE

[MODIFY RESOURCE](#) [DECOMMISSION](#)

- From the Generator Resource Details page, scroll down and select either Yes or No under the **Duct Firing 10-minute Operating Reserve Capacity Flag** option. Indicate an effective date for this change in the **Proposed Effective Date** field and click **Complete**.

Generator Resource Details

Facility Name: Site A
Resource ID: 100000

Resource Name: TEST R.10

Connection Point: TESTSITE

Bid/Offer Type: Dispatchable

Operating Reserve Class: All Types

Electricity Storage Resource Flag:

Speed-No-Load Offer and Start-Up Offer Flag: Yes

GOG Election Flag: Yes

Duct Firing 10-minute Operating Reserve Capability Flag: Yes

Proposed Effective Date: mm/dd/yyyy
Indicate the date that the resource changes should take effect

Comments

BACK SAVE **COMPLETE**

- The modified resource will appear under the **Modified Resource List**. Click on **Submit** to complete the resource update request. The IESO will review and approve the changes.

Request Information

Request Type: Manage Energy Resources
Request Number: 9684
Organization: ABC Corp
Facility: Site A
Request Comment: Duct Firing 10-Minute Reserve Capability

Modified Resource List

<input type="checkbox"/>	Resource Name	Resource Type	New or Registered	Action	Connection Point	Review Status
<input type="checkbox"/>	TEST-R.10	GEN	Registered	Update	TESTSITE	Ready For Review

EDIT REMOVE

Existing Resource List

<input type="checkbox"/>	Resource Name	Resource Type	Connection Point
<input type="checkbox"/>	TEST-R.09	GEN	TESTSITE
<input type="checkbox"/>	TEST-R.11	GEN	TESTSITE

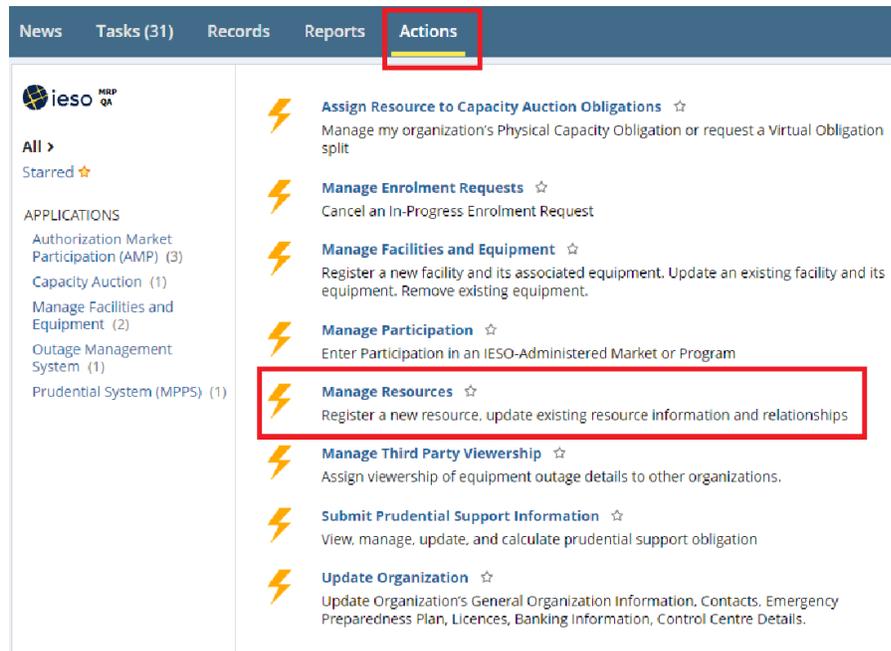
MODIFY RESOURCE DECOMMISSION

CANCEL **SUBMIT**

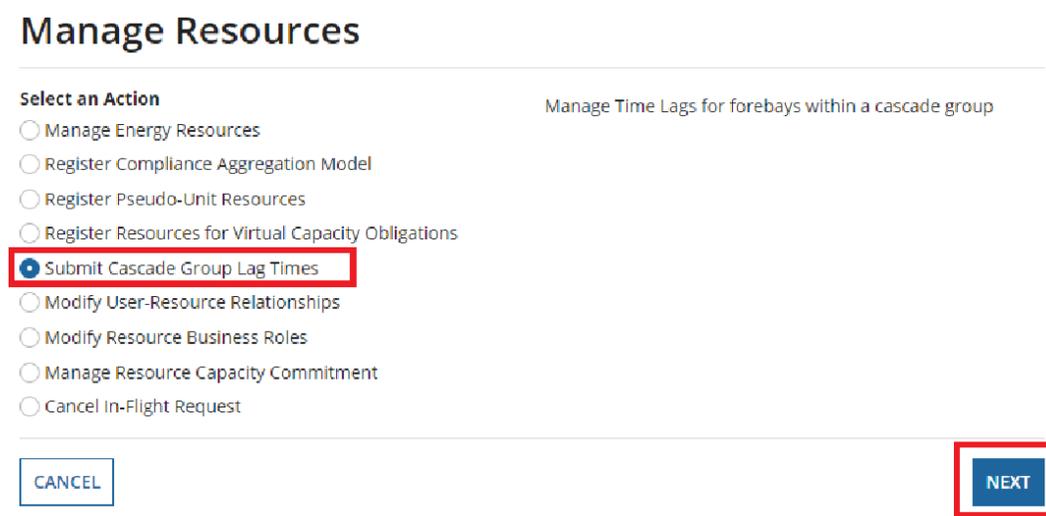
6. Appendix B: Updating Hydroelectric Parameters in Online IESO

Time Lag

1. Log in to Online IESO and select **Actions** on top of screen. Then select **Manage Resources** from the list of actions.



2. Select **Submit Cascade Group Lag Times** and click on **Next**.



3. Select the Organization and Cascade Group and click on Next.

Manage Resources

Action Manage Time Lags for forebays within a cascade group
Submit Cascade Group Lag Times

Organization for Forebay*
ABC Corp
Select the organization you are representing

Select a Cascade Group for Forebay*
TEST GROUP

BACK NEXT

4. Enter the **Max Time Lag** value for each Forebay that is upstream of the final Forebay. Max Time Lag values should be greater than or equal to 0 and less than or equal to 24. Upload the mandatory supporting documentation demonstrating the "Time Lag" conditions, then click **Submit** to complete the submission. The IESO will review and approve the update.

Request Details

Organization ID:	10000	Request Number:	9686
Organization Name:	ABC Corp	Request Type:	Submit Cascade Group Lag Times
Facility Name:		Request Start Date:	7/11/2023 10:18 AM EST
		Request Status:	In Progress

Forebays

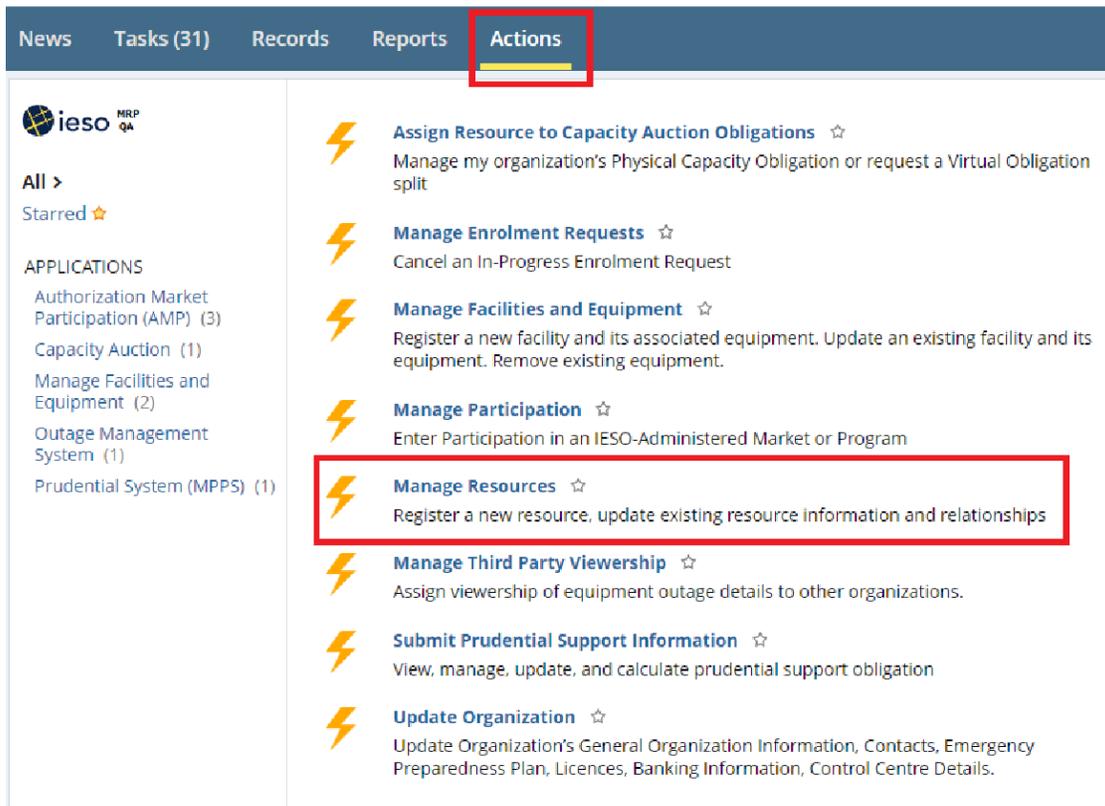
1 - FOREBAY A (-) Forebay Name: FOREBAY A Forebay Id: 1000 Forebay Sequence Id: 1 Resources: TEST RESOURCE	Max Time Lag Downstream Time To FOREBAY B: 1 To FOREBAY C: 2
2 - FOREBAY B (-) Forebay Name: FOREBAY B Forebay Id: 1001 Forebay Sequence Id: 2 Resources:	Max Time Lag Downstream Time To FOREBAY C: 1
3 - FOREBAY C (-) Forebay Name: FOREBAY C Forebay Id: 1002 Forebay Sequence Id: 3 Resources:	Max Time Lag This is the final forebay in this Cascade Group, no downstream values apply.

Upload Max Time Lag Document*
Supporting Document PDF - 177.68 KB

CANCEL SUBMIT

Hourly Must Run Flag, Start Indication Value, and Forbidden Regions

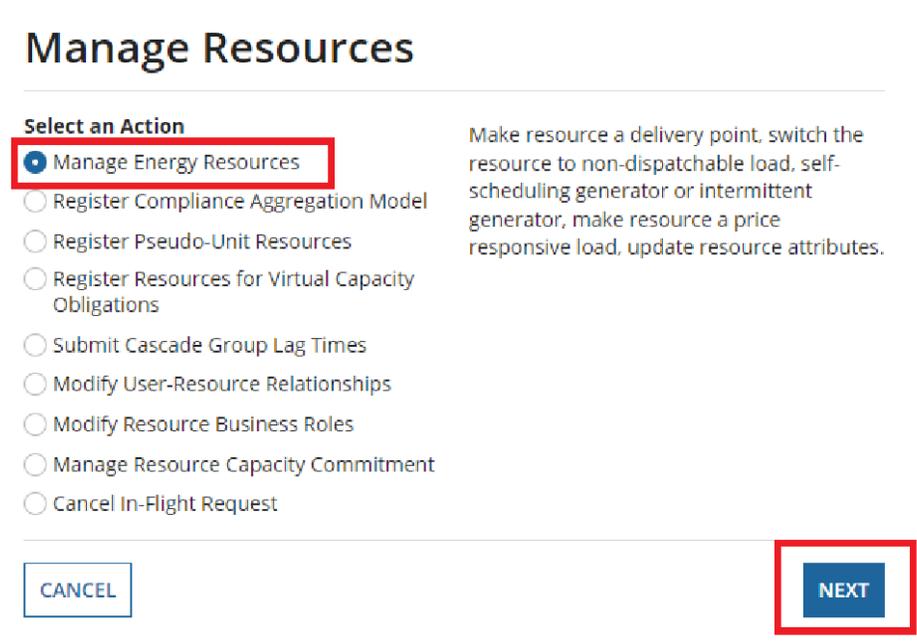
1. Log in to Online IESO and select **Actions** on top of screen. Then select **Manage Resources** from the list of actions.



The screenshot shows the IESO Actions menu. The 'Actions' tab is highlighted in the top navigation bar. The 'Manage Resources' option is highlighted with a red box. The description for 'Manage Resources' is: 'Register a new resource, update existing resource information and relationships'.

- Assign Resource to Capacity Auction Obligations** ☆
Manage my organization's Physical Capacity Obligation or request a Virtual Obligation split
- Manage Enrolment Requests** ☆
Cancel an In-Progress Enrolment Request
- Manage Facilities and Equipment** ☆
Register a new facility and its associated equipment. Update an existing facility and its equipment. Remove existing equipment.
- Manage Participation** ☆
Enter Participation in an IESO-Administered Market or Program
- Manage Resources** ☆
Register a new resource, update existing resource information and relationships
- Manage Third Party Viewership** ☆
Assign viewership of equipment outage details to other organizations.
- Submit Prudential Support Information** ☆
View, manage, update, and calculate prudential support obligation
- Update Organization** ☆
Update Organization's General Organization Information, Contacts, Emergency Preparedness Plan, Licences, Banking Information, Control Centre Details.

2. Select **Manage Energy Resources** and click **Next**.



The screenshot shows the 'Manage Resources' dialog box. The 'Manage Energy Resources' option is selected with a radio button and highlighted with a red box. The 'Next' button is also highlighted with a red box. The description for 'Manage Energy Resources' is: 'Make resource a delivery point, switch the resource to non-dispatchable load, self-scheduling generator or intermittent generator, make resource a price responsive load, update resource attributes.'

Manage Resources

Select an Action

- Manage Energy Resources**
- Register Compliance Aggregation Model
- Register Pseudo-Unit Resources
- Register Resources for Virtual Capacity Obligations
- Submit Cascade Group Lag Times
- Modify User-Resource Relationships
- Modify Resource Business Roles
- Manage Resource Capacity Commitment
- Cancel In-Flight Request

CANCEL **NEXT**

3. Select the **Owner Organization** and **Facility**. Provide a **brief description** of the request in the text box provided and click on **Next**.

Manage Resources

Action
Manage Energy Resources

Make resource a delivery point, switch the resource to non-dispatchable load, self-scheduling generator or intermittent generator, make resource a price responsive load, update resource attributes.

Owner Organization*
ABC Corp

Select which organization owns the equipment associated to the resources you intend on managing

Select a Facility*
TEST FACILITY

Provide a brief summary of your request. Also indicate any related Market Power Mitigation Reference Level / Reference Quantity request ID(s) or indicate that a new Reference Level / Reference Quantity request is required.*

Update registration parameters.

BACK NEXT

4. Select the resource name listed under the **Existing Resource List** and click on **Modify Resource**.

Request Information

Request Type Manage Energy Resources
Organization ABC Corp
Request Number 9687
Facility TEST FACILITY
Request Comment Update registration parameters.

Resource List

<input type="checkbox"/>	Resource Name	Resource Type	New or Registered	Action	Connection Point	Review Status
No items available						

EDIT REMOVE

Existing Resource List

<input type="checkbox"/>	Resource Name	Resource Type	Connection Point
<input checked="" type="checkbox"/>	TEST-R.1	GEN	TESTSITE
<input type="checkbox"/>	TEST-R.2	GEN	TESTSITE

MODIFY RESOURCE DECOMMISSION

CANCEL SUBMIT

5. From the Generator Resource Details page, scroll down to the **Participant Fields**.

Under this section, select Yes or No for the **Hourly Must Run Flag**. If Yes is selected, attach supporting documentation to the request.

If applicable, enter up to eight **Start Indication Values**.

You may also increase the number of **Forbidden Regions** to a maximum of 5. For each new region, enter the lower and upper limits, and upload documentation to support this change.

Indicate an Effective Date for the changes in the Proposed Effective Date field and click on **Complete**.

Generator Resource Details

Participant Fields

Resource Configuration *
Not Applicable

Operational Compliance Aggregation Election
 Yes
 No

Have you elected for this resource to be modelled as a Pseudo Unit?
 Yes
 No
Note: This field will be set automatically upon creation of a Pseudo Unit Resource.

Elapsed Time to Dispatch (min) *
1

Elapsed Time to Dispatch Document Uploaded
UPLOAD Drop files here

Period of Steady Operation
0

Hourly Must Run Flag
 Yes
 No

Upload Hourly Must Run Supporting document *
UPLOAD Drop file here

Start Indication Value 1
50

Start Indication Value 2
70

Proposed Effective Date *
07/14/2023

Indicate the date that the resource changes should take effect

Comments

Number of Forbidden Regions
3

Forbidden Region 1 - Lower Limit
0

Forbidden Region 1 - Upper Limit
18

Forbidden Region 2 - Lower Limit
37

Forbidden Region 2 - Upper Limit
55

Forbidden Region 3 - Lower Limit
[Empty]

Forbidden Region 3 - Upper Limit
[Empty]

Upload Forbidden Region Requirement Document
UPLOAD Drop file here

BACK SAVE **COMPLETE**

- The modified resource will appear under the **Modified Resource List**. Click on **Submit** to complete the resource update request. The IESO will review and approve the changes.

Manage Resources

Request Information

Request Type Manage Energy Resources

Request Number 9687

Organization ABC Corp

Facility TEST FACILITY

Request Comment Update registration parameters.

Modified Resource List

<input checked="" type="checkbox"/>	Resource Name	Resource Type	New or Registered	Action	Connection Point	Review Status
<input checked="" type="checkbox"/>	TEST-R.1	GEN	Registered	Update	TESTSITE	Ready For Review

[EDIT](#) [REMOVE](#)

Existing Resource List

<input type="checkbox"/>	Resource Name	Resource Type	Connection Point
<input type="checkbox"/>	TEST-R.2	GEN	TESTSITE

[MODIFY RESOURCE](#) [DECOMMISSION](#)

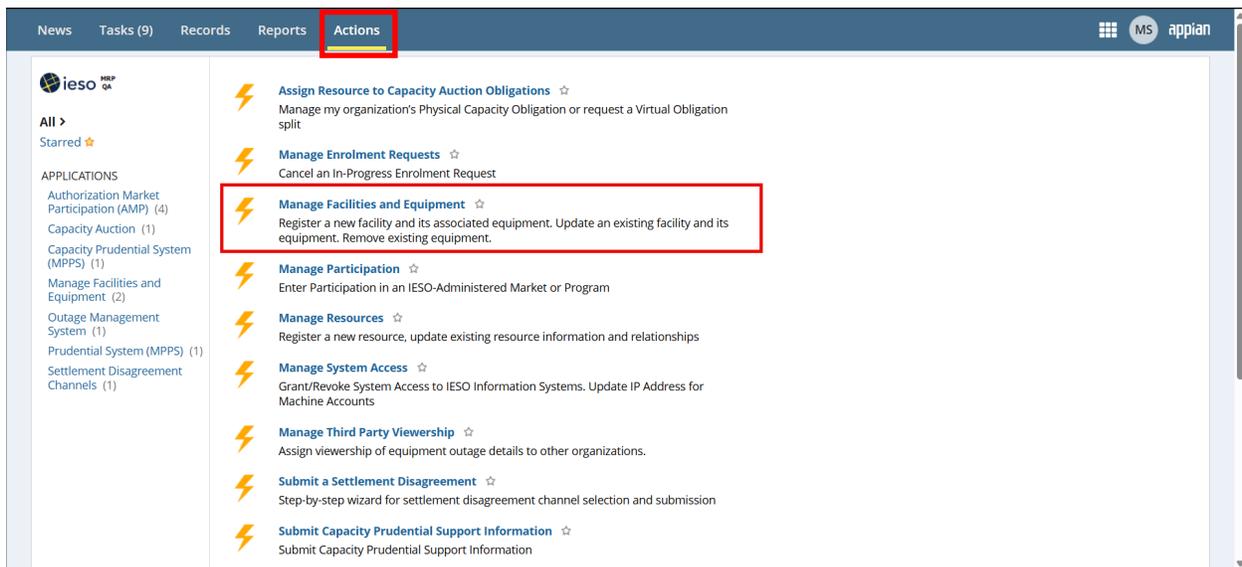
[CANCEL](#)

[SUBMIT](#)

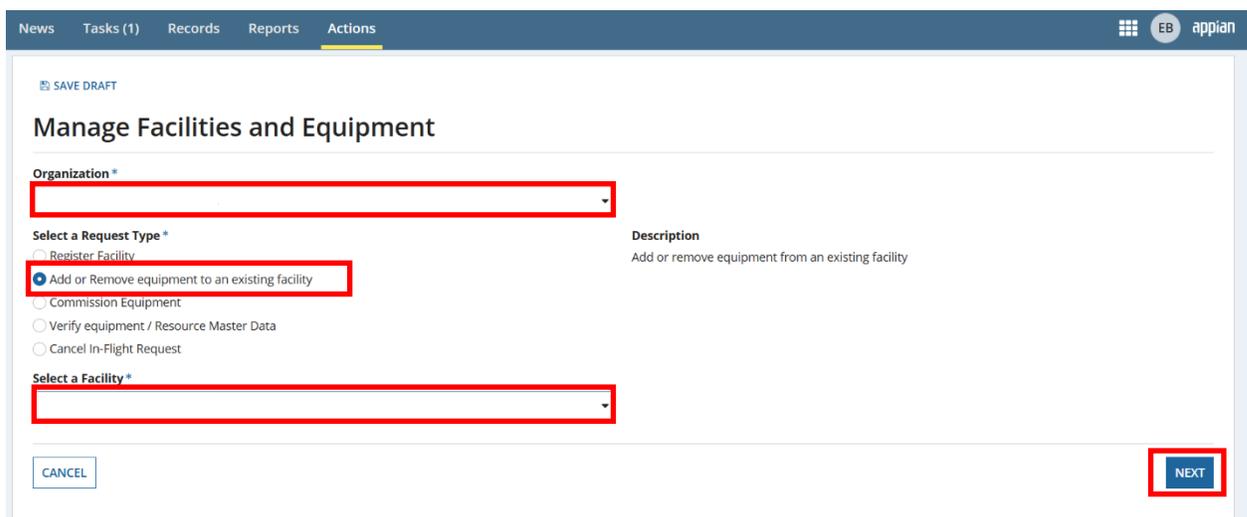
7. Appendix C: Updating a Load Resource to a Price Responsive Load in Online IESO

Note: The MP must email Market.Registration@ieso.ca when they want to initiate their PRL requests, after which they can follow the steps in Online IESO as listed below.

1. Log in to Online IESO and select **Actions** on top of the screen. Select **Manage Facilities and Equipment** from the list of actions.



2. On this screen select your **Organization**. Click on **Add or Remove equipment to an existing facility** under **Request Type**. Select your **facility** from the drop-down menu and click **Next**.



3. Under **Intent of Request**, select the following checkboxes: "Register/Modify Equipment at this Facility", "Register/Modify Resources at this Facility" and "Check if: You have been requested by the IESO's Market Registration department to enable this checkbox."

On this screen, in the space provided, enter a clear description of the intended work under **Provide a brief summary of your request to supplement the Connection Assessment and Single Line Diagram.**

Enter the **Energization date.**

Select **No** to the question **Are you decommissioning equipment or resources?**

The screenshot shows the 'Register Facility and Equipment Request' form in the Appian system. The form is divided into several sections: 'Request Details', 'Connection Assessment', and 'Single Line Diagram'. The 'Request Details' section includes fields for 'Organization', 'Facility', and 'Request Type'. The 'Intent of Request' section contains several checkboxes, with three highlighted by red boxes: 'Register/Modify Equipment at this Facility', 'Register/Modify Resources at this Facility', and 'Check if: You have been requested by the IESO's Market Registration department to enable this checkbox.' Below these checkboxes is a large text area for providing a brief summary of the request, also highlighted by a red box. At the bottom of the form, there is a date picker for 'Energization Date' and a radio button question 'Are you decommissioning equipment or resources?' with 'No' selected, both highlighted by red boxes.

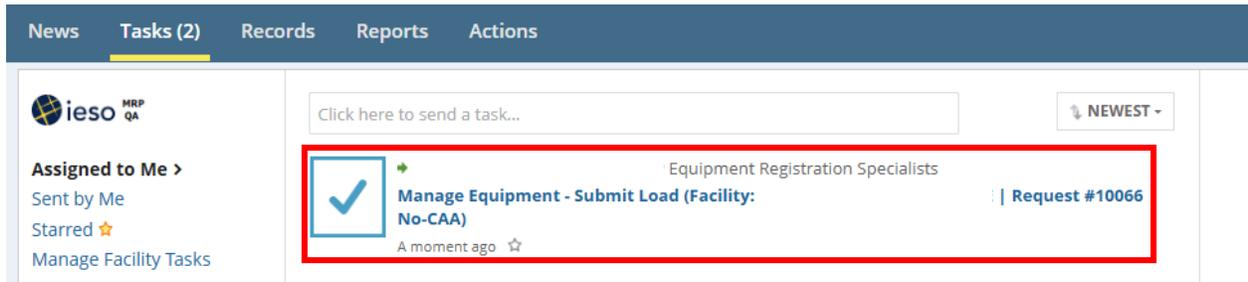
4. Select **No** to the question **Do you have a Connection Assessment for this request?** Click **Next**.

The screenshot shows the 'Register Facility and Equipment Request' form in the 'Connection Assessment' step. The navigation bar includes 'News', 'Tasks (1)', 'Records', 'Reports', and 'Actions'. A 'SAVE DRAFT' button is at the top left. The form title is 'Register Facility and Equipment Request'. Below the title is a progress bar with three steps: 'Request Details', 'Connection Assessment' (current), and 'Single Line Diagram'. The 'Request Type' is 'Add or Remove equipment to an existing facility'. The 'Facility' field is empty. A section titled 'Connection Assessment Information' contains the question 'Do you have a Connection Assessment for this request?' with radio buttons for 'Yes' and 'No'. The 'No' option is selected. A note below states: 'Note: A Connection Assessment is required if you are registering a new facility, or adding or removing equipment to an existing facility. A Connection Assessment may be required for requests to update equipment information at an existing facility.' At the bottom, there are 'BACK' and 'NEXT' buttons.

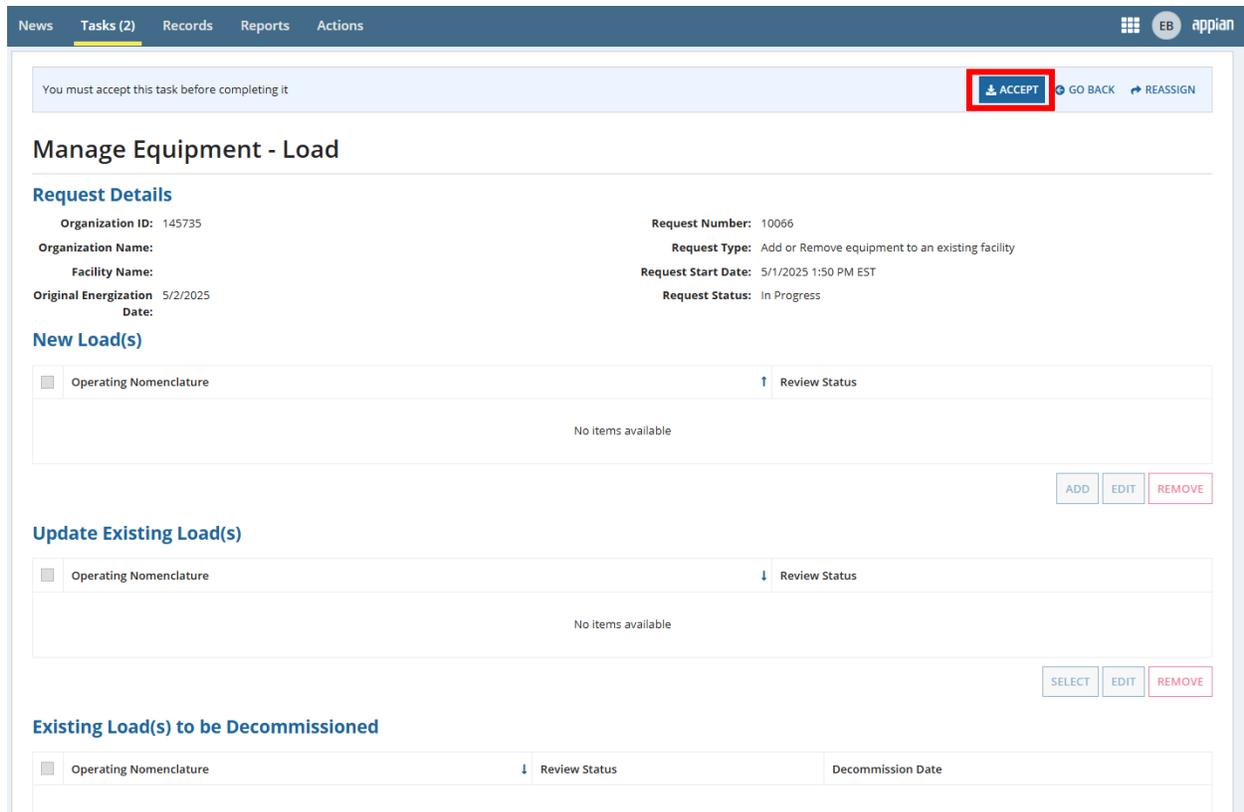
5. Under **Select Equipment Types**, select **Load**, and then select **Submit to IESO for Review**. Please wait until the IESO has reviewed your request before you can proceed to step 6 below.

The screenshot shows the 'Register Facility and Equipment Request' form in the 'Single Line Diagram' step. The navigation bar is the same as in the previous screenshot. The form title is 'Register Facility and Equipment Request'. The progress bar shows 'Request Details', 'Connection Assessment', and 'Single Line Diagram' (current). The 'Request Type' is 'Add or Remove equipment to an existing facility'. The 'Facility' field is empty. A section titled 'Single Line Diagram' contains a checkbox 'Single Line Diagram was accepted by transmitter / distributor'. Below this is a section titled 'Select Equipment Types' with a list of equipment types and checkboxes. The 'Load' option is selected. At the bottom, there are 'BACK' and 'SUBMIT TO IESO FOR REVIEW' buttons.

- Once IESO completes their review, you will get an additional task to **Submit the Load equipment parameters.**



- Click **Accept** before proceeding to the next step.



8. Click on **Select** under **Update Existing Load(s)**.

The screenshot shows the 'Manage Equipment - Load' interface. At the top, there's a navigation bar with 'News', 'Tasks (2)', 'Records', 'Reports', and 'Actions'. Below that, a 'SAVE DRAFT' button is visible. The main heading is 'Manage Equipment - Load'. Underneath, 'Request Details' are listed: Organization ID: 145735, Request Number: 10066, Organization Name, Request Type: Add or Remove equipment to an existing facility, Facility Name, Request Start Date: 5/1/2025 1:50 PM EST, Original Energization Date: 5/2/2025, and Request Status: In Progress. There are three sections for equipment management: 'New Load(s)', 'Update Existing Load(s)', and 'Existing Load(s) to be Decommissioned'. Each section has a table with columns for 'Operating Nomenclature', 'Review Status', and 'Decommission Date'. The 'Update Existing Load(s)' section has a 'SELECT' button highlighted with a red box. At the bottom right, there is a 'SUBMIT' button and a note: 'Please submit only after adding all of the equipment for this request'.

9. On this screen, select the applicable load equipment from the drop-down menu and select **Next**.

The screenshot shows the 'Update Existing Load' interface. At the top, there's a navigation bar with 'News', 'Tasks (2)', 'Records', 'Reports', and 'Actions'. Below that, a 'SAVE DRAFT' button is visible. The main heading is 'Update Existing Load'. Underneath, it says 'Select if you want to add a new'. There is a dropdown menu labeled 'Existing Load List*' with 'PCS-LOAD1' selected. At the bottom left, there is a 'BACK' button, and at the bottom right, there is a 'NEXT' button highlighted with a red box.

10. Complete the **mandatory fields** (with *) with the right parameters and click **Complete**. This step gives you the opportunity to update the nomenclature to the appropriate load name. For example, if your load starts with SIMEQ_FACILITYNAME-LT.T1_LF, you may choose to delete SIMEQ_ and just call this load FACILITYNAME-LT.T1_LF. Please reach out to market.registration@ieso.ca if you're unsure about any step.
Note: Total Peak Load – Active Power (MW) cannot be 0.

The screenshot shows a web application interface for configuring a 'Load'. The top navigation bar includes 'News', 'Tasks (2)', 'Records', 'Reports', and 'Actions'. The main content area is titled 'Load' and includes a breadcrumb trail: 'Load' > 'Induction Motors' > 'Synchronous Motors' > 'Dynamic Models'. A button labeled 'INDUCTION MOTORS >>' is visible in the top right.

Operator Assignment

General Equipment Information

Need Help?

Operating Nomenclature * (highlighted)

PCS-LOAD1

Voltage Level (kV) * (highlighted)

LT

Details

Peak Season * (highlighted)

Summer

Total Peak Load - Active Power (MW) * (highlighted)

2.25

Maximum Registered Ramp Rate (MW/min) * (highlighted)

5400

Commercial Load (MW)

0

Residential Load (MW)

0

Remaining Load Other Than Large Motors (MW)

0

Power Outage Document

UPLOAD Drop files here

Unusual Sensitivity Document

UPLOAD Drop files here

Requirement for Dual Supply

Yes

No

Total Peak Load - Reactive Power (Mvar)

2.25

Industrial Load (MW)

0

BACK

SAVE **COMPLETE** (highlighted)

11. A notification appears. Click **Yes**.

News Tasks (2) Records Reports Actions

Use left and right button to navigate through related forms

Load

Dynamic Models INDUCTION MOTORS >>

Operator Assignment

General Equipment Information

Need Help?

Operating Nomenclature * PCS-LOAD1

Voltage Level (kV) * LT

Details

Peak Season * Summer

Total Peak Load - Active Power (MW) * 2.25

Maximum Registered Ramp Rate (MW/min) * 5400

Commercial Load (MW) 0

Residential Load (MW) 0

Remaining Load Other Than Large Motors (MW) 0

Requirement for Dual Supply Yes No

Total Peak Load - Reactive Power (Mvar) 2.25

Industrial Load (MW) 0

Power Outage Document Drop files here

Unusual Sensitivity Document Drop files here

12. If you have completed all the necessary updates to all the applicable load equipment, then click **Submit** on this page. If not, repeat Steps 8-12.

News Tasks (2) Records Reports Actions

SAVE DRAFT

Manage Equipment - Load

Request Details

Organization ID: 145735 Request Number: 10066

Organization Name: Request Type: Add or Remove equipment to an existing facility

Facility Name: Request Start Date: 5/1/2025 1:50 PM EST

Original Energization Date: 5/2/2025 Request Status: In Progress

New Load(s)

Operating Nomenclature Review Status

No items available

Update Existing Load(s)

Operating Nomenclature Review Status

PCS-LOAD1 Ready For Review

Existing Load(s) to be Decommissioned

Operating Nomenclature Review Status Decommission Date

No items available

Please submit only after adding all of the equipment for this request

13. Click **Yes** on this notification.

The screenshot displays the 'Manage Equipment - Load' interface. At the top, there is a navigation bar with 'News', 'Tasks (2)', 'Records', 'Reports', and 'Actions'. The 'appian' logo is in the top right corner. The main content area is titled 'Request Details' and includes the following information:

- Organization ID: 145735
- Organization Name: [Redacted]
- Facility Name: [Redacted]
- Original Energization Date: 5/2/2025

A confirmation dialog box is centered on the screen, asking: 'Are you sure you want to submit this Load equipment to the IESO for review?'. It features two buttons: 'NO' and 'YES'. The 'YES' button is highlighted with a red border, indicating the required action.

Below the dialog box, the interface is divided into three sections:

- New Load(s)**: A table with columns 'Operating Nomenclature' and 'Review Status'. It currently shows 'No items available' and has 'ADD', 'EDIT', and 'REMOVE' buttons.
- Update Existing Load(s)**: A table with columns 'Operating Nomenclature' and 'Review Status'. It lists 'PCS-LOAD1' with a status of 'Ready For Review' and has 'SELECT', 'EDIT', and 'REMOVE' buttons.
- Existing Load(s) to be Decommissioned**: A table with columns 'Operating Nomenclature', 'Review Status', and 'Decommission Date'. It currently shows 'No items available' and has 'SELECT' and 'REMOVE' buttons.

At the bottom right, there is a 'SUBMIT' button and a note: 'Please submit only after adding all of the equipment for this request'.

14. The IESO will review the **load equipment** update and then send you an additional task related to the **load resource**. The resource task will then allow you to associate the right load equipment and update the offer/bid type to PRL. Here's the resource task.

The screenshot shows the IESO Tasks (43) page. The navigation bar includes News, Tasks (43), Records, Reports, and Actions. On the left, there is a sidebar with the IESO logo and navigation links: 'Assigned to Me >', 'Sent by Me', 'Starred ☆', and 'Manage Facility Tasks'. The main content area has a search bar with the text 'Click here to send a task...' and a 'NEWEST' dropdown. A task card is highlighted with a red border. The card contains a checkmark icon, a green arrow, and the text: 'Equipment Registration Specialists', 'Manage Resources - Submit Resource Information (Facility: Request #10068 No-CAA)', and 'A moment ago ☆'.

15. Click **Accept** before you proceed to the next step.

The screenshot shows the 'Manage Resources at' task page. The navigation bar includes News, Tasks (43), Records, Reports, and Actions. The page title is 'Manage Resources at'. Below the title, there is a message: 'You must accept this task before completing it' with an 'ACCEPT' button highlighted in red, and 'GO BACK' and 'REASSIGN' buttons. The 'Request Information' section shows 'Request Type' as 'Add or Remove equipment to an existing facility' and 'Request Number' as '10068'. The 'Modified Resource List' section contains a table with columns: Resource Name, Resource Type, New or Registered, Action, Connection Point, and Review Status. The table has one row with a checkbox, a resource name, 'LOAD', 'Registered', 'Update', and 'Ready for Participant Input'. There are 'EDIT' and 'SUBMIT' buttons at the bottom right.

16. Select the checkbox next to the resource you want to edit and click **Edit**.

The screenshot shows the 'Manage Resources at' task page after the 'ACCEPT' button was clicked. The message now says: 'You have accepted this task. Return task to all assignees.' with 'SAVE DRAFT', 'REASSIGN', and 'REJECT' buttons. The 'Request Information' section is the same. The 'Modified Resource List' table has a checkbox checked in the first row, which is highlighted with a red border. The 'EDIT' button at the bottom right is also highlighted with a red border.

17. On this screen, complete all the **mandatory fields** and click **Complete**.

News Tasks (43) Records Reports Actions ME appian

Load Resource Details

Facility Name	Resource ID 109276
Bid/Offer Type * Price Responsive Load <input type="checkbox"/> Electricity Storage Resource Flag	Operating Reserve Class No Operating Reserve
Metered Market Participant (MMP) *	Maximum Load - Active Power 10 Registered Market Participant (RMP) *

Proposed Effective Date *
07/31/2025

Indicate the date that the resource changes should take effect

Comment History
IESO Enrolment Specialist - Stacy Enrolment 5/5/2025 2:43 PM EST: PRL TEST

Comments
PRL TEST

BACK SAVE **COMPLETE**

CREATE HOURLY DISPATCHABLE DR RESOURCE

18. Click **Submit** if you have completed updating all the applicable resources. If not, repeat Steps 16-18.

News Tasks (43) Records Reports Actions

SAVE DRAFT

Manage Resources at

Request Information

Request Type Add or Remove equipment to an existing facility Request Number 10068

Organization Facility

Modified Resource List

<input type="checkbox"/>	Resource Name	Resource Type	New or Registered	Action	Connection Point	Review Status
<input type="checkbox"/>		LOAD	Registered	Update		Ready For Review

EDIT

SUBMIT

19. Click **Yes** when the notification appears.

News Tasks (43) Records Reports Actions

SAVE DRAFT

Manage Resources at

Request Information

Request Type Add or Remove equipment to an existing facility

Organization

Modified Resource List

<input type="checkbox"/>	Resource Name	Resource Type	New or Registered	Action	Connection Point	Review Status
<input type="checkbox"/>		LOAD	Registered	Update		Ready For Review

EDIT

SUBMIT

Are you sure you want to submit? If required, approvals will now be requested for organization business roles that have been assigned to these resources

NO YES

20. You will receive a new task to complete.

News Tasks (43) Records Reports Actions

ieso MRP QA

Assigned to Me >

Sent by Me

Starred ☆

Manage Facility Tasks

Click here to send a task...

NEWEST

Assign Delivery Point Resource Business Roles for (109276) [10068]

A moment ago ☆

21. Click **Accept** to proceed with the task.

News Tasks (43) Records Reports Actions ME appian

You must accept this task before completing it **ACCEPT** GO BACK REASSIGN

Delivery Point Business Role Assignment

As the Metered Market Participant for this resource please assign the following delivery point relationship(s)

Resource Information

Resource	Facility
Resource Type LOAD	Connection Point

Delivery Point Relationships

As the Metered Market Participant (MMP) for this delivery point please identify the organizations that fulfill the following business roles

Meter Service Provider (MSP)* --- Select an Organization ---	Meter Data Associate (MDA) --- Select an Organization ---
--	---

COMPLETE

22. On this screen, complete the mandatory fields and click **Complete**.

News Tasks (43) Records Reports Actions ME appian

You have accepted this task. [Return task to all assignees.](#) SAVE DRAFT REASSIGN REJECT

Delivery Point Business Role Assignment

As the Metered Market Participant for this resource please assign the following delivery point relationship(s)

Resource Information

Resource	Facility
Resource Type LOAD	Connection Point

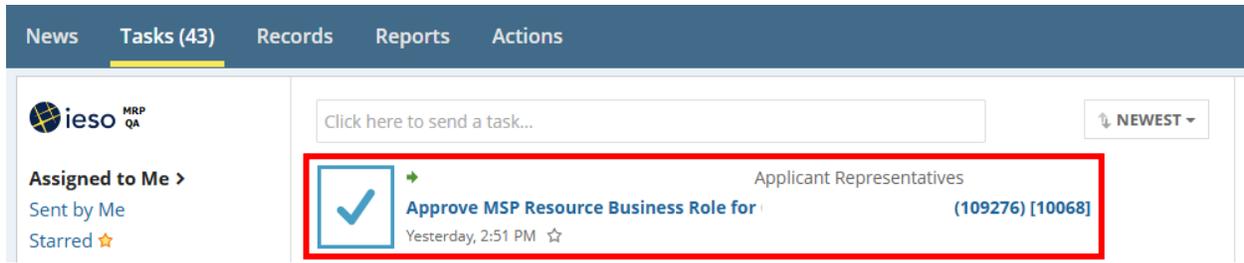
Delivery Point Relationships

As the Metered Market Participant (MMP) for this delivery point please identify the organizations that fulfill the following business roles

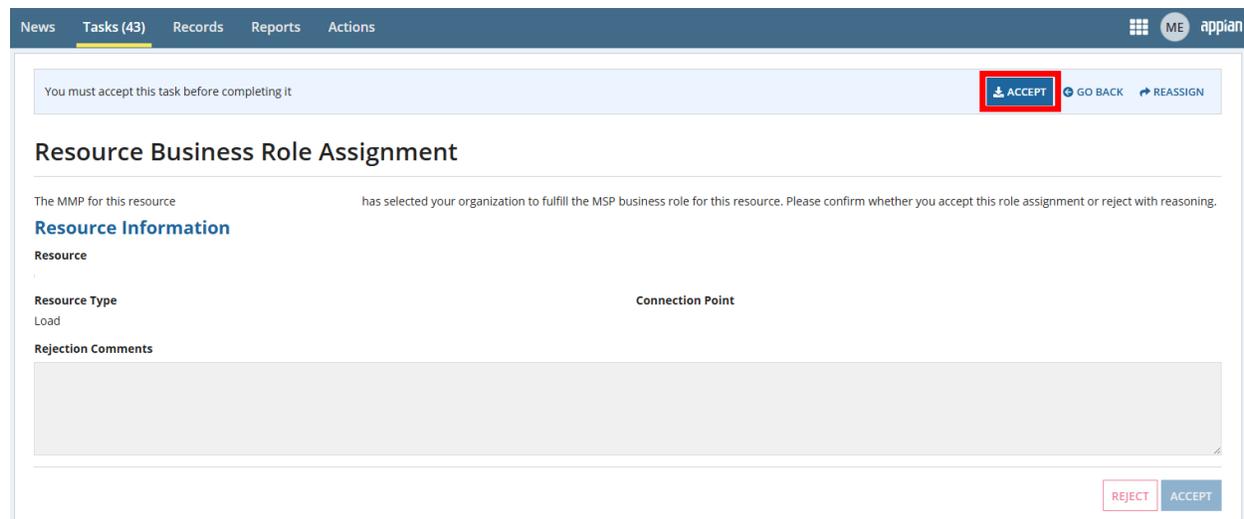
Meter Service Provider (MSP)*	Meter Data Associate (MDA)
--------------------------------------	-----------------------------------

COMPLETE

23. The assigned MSP from the previous step (Step 22) gets a task in Online IESO to complete accordingly.



24. The **MSP** clicks **Accept** to proceed with the task.



25. The **MSP** completes the **task** as appropriate and clicks **Accept**.

The screenshot displays the 'Resource Business Role Assignment' task interface. At the top, a navigation bar includes 'News', 'Tasks (43)', 'Records', 'Reports', and 'Actions', along with a user profile 'ME' and the 'appian' logo. A notification bar states: 'You have accepted this task. [Return task to all assignees.](#)' with options for 'SAVE DRAFT', 'REASSIGN', and 'REJECT'. The main title is 'Resource Business Role Assignment'. Below it, a message reads: 'The MMP for this resource has selected your organization to fulfill the MSP business role for this resource. Please confirm whether you accept this role assignment or reject with reasoning.' A section titled 'Resource Information' contains a table with the following data:

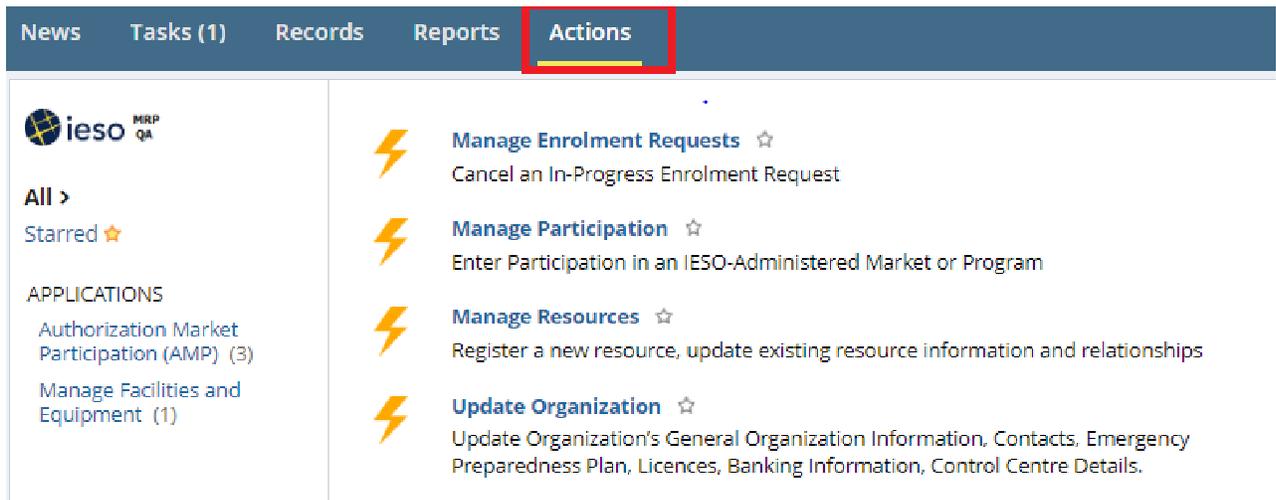
Resource	Facility
Resource Type	Connection Point
Load	

Below the table is a 'Rejection Comments' text area. At the bottom right, there are two buttons: 'REJECT' and 'ACCEPT'.

The resource task finally comes to the IESO for review. The IESO will then communicate all the modeling requirements to the MP including telemetry requirements for PRLs. A RAN (Registration Approval Notice) will be issued to the MP when the PRL request has been approved and all the modeling requirements have been completed.

8. Appendix D: Using Online IESO to Enter MCE Information

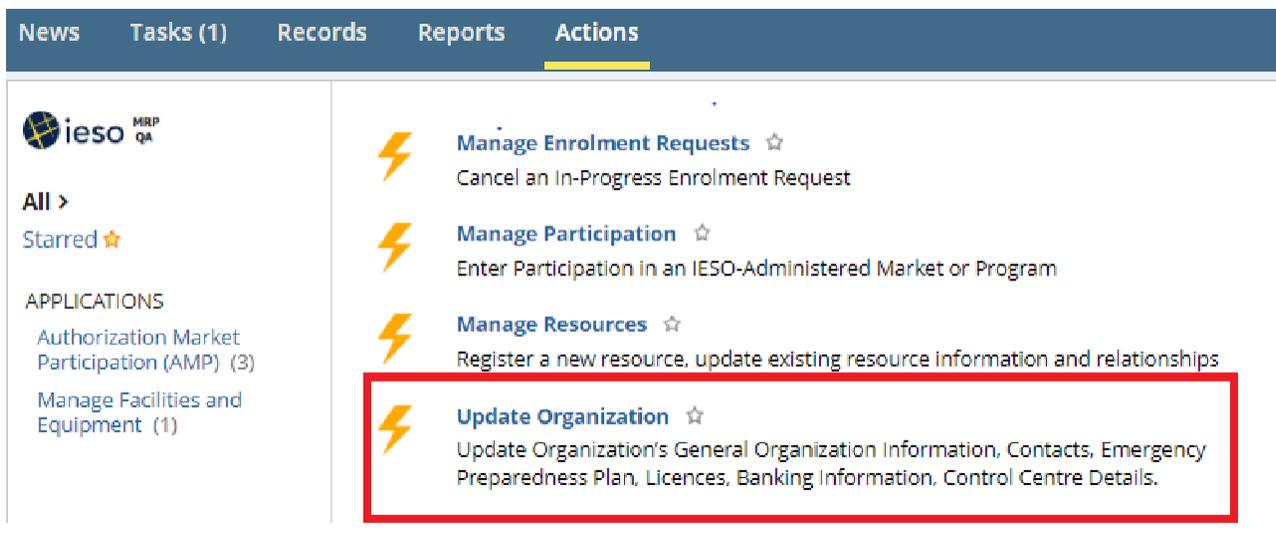
1. Log in to Online IESO and select **Actions** on top of the screen.



The screenshot shows the Online IESO interface with the 'Actions' tab selected in the top navigation bar. The left sidebar contains the IESO logo, navigation options like 'All >' and 'Starred ☆', and a list of 'APPLICATIONS' including 'Authorization Market Participation (AMP) (3)' and 'Manage Facilities and Equipment (1)'. The main content area displays four action items, each with a lightning bolt icon and a star icon:

- Manage Enrolment Requests** ☆
Cancel an In-Progress Enrolment Request
- Manage Participation** ☆
Enter Participation in an IESO-Administered Market or Program
- Manage Resources** ☆
Register a new resource, update existing resource information and relationships
- Update Organization** ☆
Update Organization's General Organization Information, Contacts, Emergency Preparedness Plan, Licences, Banking Information, Control Centre Details.

2. Select **Update Organization**.



This screenshot is identical to the previous one, but the 'Update Organization' option in the main content area is highlighted with a red rectangular box. The 'Actions' tab remains selected in the top navigation bar.

- From the Select 'Update Organization' Request Type window, select **Manage Market Control Entities** as the request type and select **Next**.

Select 'Update Organization' Request Type

Request Details

Organization ID: 107951
Organization: TEST ORGANIZATION 1

Select Request Type

Select: Manage Market Control Entities

[Need Help?](http://www.ieso.ca/registration.help/#1.20)

Next Cancel

- In the Manage Market Control Entities window, select **Create new Market Control Entities**.

News Tasks Records Reports **Actions**

SAVE DRAFT

Manage Market Control Entities

Request Number: 121964 Organization ID: 107951
Organization: TEST ORGANIZATION 1

Select Request Type

+ Create new Market Control Entities Update Existing Market Control Entities

CANCEL

- Select **Create MCE**.

Manage Market Control Entities

Request Number: 121964 Organization ID: 107951
Organization: TEST ORGANIZATION 1 Request Type: Update Organization - Manage Market Control Entities

Market Control Entity List

Market Control Entity Legal Name	Default Physical Withholding	Status
No items available		

Create MCE

6. Populate MCE details. If the user selects the checkbox “**I am self-identifying (Insert Organization’s Name) as a MCE**”, all of the fields will automatically populate.

SAVE DRAFT

Manage Market Control Entities

Request Number: 121964

Organization: TEST ORGANIZATION 1

Organization ID: 107951

Request Type: Update Organization - Manage Market Control Entities

Market Control Entity Details

I am self-identifying TEST ORGANIZATION 1 as a MCE
Selecting this option will automatically populate applicable fields.

<p>Legal Name <input type="text"/></p> <p>Mailing Address Line 1 <input type="text"/></p> <p>Mailing Address Line 2 <input type="text"/></p> <p>Mailing Address Line 3 <input type="text"/></p> <p>Mailing Address Line 4 <input type="text"/></p> <p>Mailing City <input type="text"/></p>	<p>Mailing Country <input type="text" value="Select Country"/></p> <p>Mailing Province/State <input type="text" value="Select Province/State"/></p> <p>Postal Code <input type="text"/></p> <p>Is this MCE a Corporation? <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Country of Incorporation <input type="text" value="Select Country"/></p> <p>Province/State of Incorporation <input type="text" value="Select Province/State"/></p>
---	---

Non-Physical Withholding Relationships

Select the applicable relationships for this Market Control Entity:

<input type="checkbox"/>	Shareholder	Beneficially owns, directly or indirectly, voting securities carrying more than 10 per cent of the voting rights attached to all voting securities of the market participant
<input type="checkbox"/>	Appointer	Directly or indirectly, whether through one or more subsidiaries or otherwise, is able to elect or appoint at least 10 per cent of the directors of the market participant, other than ex officio directors
<input type="checkbox"/>	Partner	Is a partner in or of the market participant
<input type="checkbox"/>	Trustee	Has a substantial beneficial interest in the market participant or that serves as a trustee in the market participant, if the market participant is a trust
<input type="checkbox"/>	Affiliate	Is an affiliate of the market participant, excluding affiliates of the market participant that are controlled by the market participant
<input type="checkbox"/>	Self-identify	Is the market participant (market participant self-identified as MCE)
<input type="checkbox"/>	Beneficial Interest	The market participant associated with the resource is an entity other than a corporation, then its market control entity is the entity or individual that holds, directly or indirectly, whether through one or more subsidiaries or otherwise, an interest in the market participant that entitles the entity or individual to receive more than 10 per cent of the profits of the market participant

You must select at least one Non-Physical Withholding Relationship to continue

BACK
DISCARD
COMPLETE

Note: if the MP has registered dispatchable resources, Contractual will also be listed under the “Non-Physical Withholding Relationships” heading. If Contractual has been selected, a question will appear asking “**Will this Market Control Entity apply to all resources?**” If the user selects Yes, then the Market Control Entity will apply to all resources of the MP. If the user selects No, the user can identify which resources the MCE applies to.

<input checked="" type="checkbox"/>	Contractual	Has any form of agreement with an entity whereby: (i) The market participant associated with a resource confers the right or ability to determine the resource's energy and operating reserve offers and bids to that entity or the ability to follow the dispatch instructions given to the resource; and (ii) That entity is entitled to receive more than 10 per cent of the amounts paid to the market participant in respect of all energy and operating reserve transacted through the energy and operating reserve markets
-------------------------------------	-------------	---

Will this Market Control Entity apply to all resources?*

Yes

No

Select Associated Resources*

If the MP has registered dispatchable resources, once the user has selected the applicable Non-Physical Withholding Relationship, the user needs to scroll down and answer if it is a Physical Withholding Market Control Entity. If the user selects Yes, then the user must select a relationship as they appear on the screen. If the user selects Yes to any of the relationship, that relationship defines the Market Control Entity for Physical Withholding and the step is complete. If the user selects No, the next relationship appears.

The order of relationships that appear is as follows:

1. Contractual
2. Shareholder
3. Appointer
4. Beneficial Interest
5. Partner
6. Self-Identify

Market Control Entity - Physical Withholding

- Dispatchable Resources require at least one Physical Withholding Market Control Entity
- Other resource types for relevant participation types require at least one Market Control Entity that is not a Physical Withholding Market Control Entity

Is this a Physical Withholding Market Control Entity?*

Yes No

Contractual*

Yes No

If the market participant associated with the resource has any form of agreement with an entity whereby:

- a. the market participant associated with the resource confers the right or ability to determine the resource's energy and operating reserve offers and bids to that entity; and
- b. that entity is entitled to receive more than 50 per cent of the amounts paid to the market participant in respect of all energy and operating reserve transacted through the energy and operating reserve markets, then the resource's market control entity is that entity.

Shareholder*

Yes No

2 a. The market participant associated with the resource is a corporation with share capital, then its market control entity is the entity or individual that:

- i. Ultimately holds, directly or indirectly, whether through one or more subsidiaries or otherwise, otherwise than by way of security only, by or for the benefit of that entity or individual securities of the market participant that are attached to more than 50 per cent of the votes that may be cast to elect directors of the market participant; and
- ii. The votes attached to those securities are sufficient, if exercised, to elect a majority of the directors of the market participant;

Once all of the information has been populated, select **Complete** to submit.

7. Submit the MCE for IESO review by selecting **Submit for Review**. If the IESO rejects the MCE, they will provide a comment to explain the reason for rejection and the MCE task is sent back to the Applicant Representative for resubmission.

SAVE DRAFT

Manage Market Control Entities

Request Number: 121964 Organization ID: 107951
Organization: TEST ORGANIZATION 1 Request Type: Update Organization - Manage Market Control Entities

Market Control Entity List

Market Control Entity Legal Name	Default Physical Withholding	Status
TEST ORGANIZATION 1		Ready For Review

Create MCE

CANCEL **SUBMIT FOR REVIEW**

8. Once the IESO has approved the MCE, the Applicant Representative can view all their approved and registered MCE by accessing the Records window and selecting **Market Control Entities**.

News Tasks **Records** Reports **Actions** 

Search record types... SEARCH

Capacity Export Requests
View capacity export assessment request and associated ca...

In-Flight Equipment Registration Requests
View in-flight equipment registration requests for the Partic...

Market Control Entities

Organization
List of organizations registered with IESO

Users
Directory of users

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