

Online IESO Market Trial Guide: June 2020 Capacity Auction

IESO Training
March 2020





Online IESO Market Trial Guide: June 2020 Capacity Auction

AN IESO 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.

Independent Electricity System Operator

Station A, Box 4474 Toronto, ON M5W 4E5
customer.relations@ieso.ca Tel: (905) 403-6900
Toll Free 1-888-448-7777
Website: www.ieso.ca

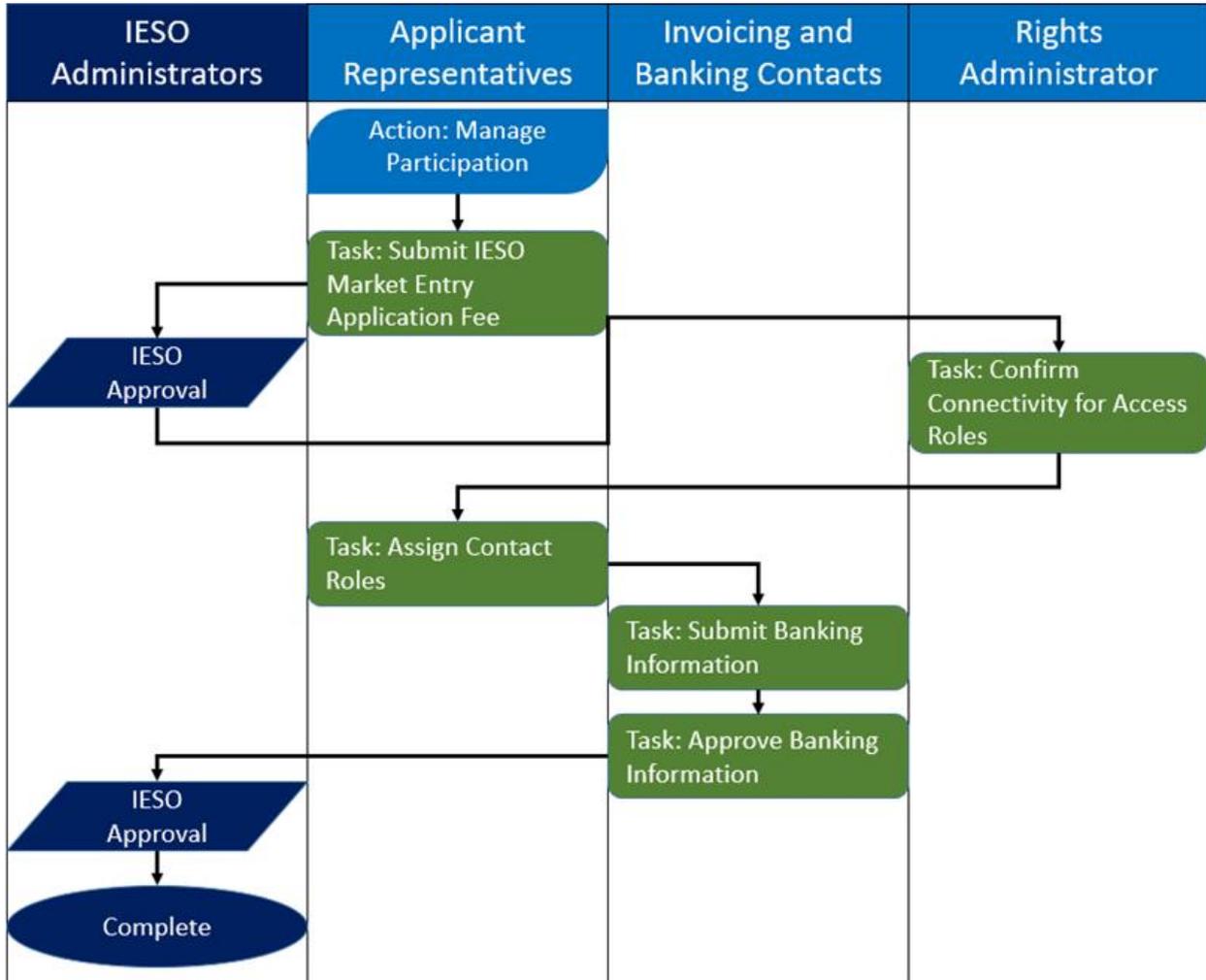


Table of Contents

1. How to Authorize as a Capacity Auction Participant (CAP)	4
2. How to Submit a Capacity Auction Enrollment Request.....	27
3. How to Offer Capacity into the Auction	45
4. How to Authorize as a Capacity Market Participant (CMP).....	50
5. How to Register/Update Virtual Demand Response Resources	72
6. How to Assign a Resource to Capacity Obligation	80
7. How to Manage Contributors for Hourly Demand Response Resources	87
8. How to Submit Demand Response Measurement Data.....	101

1. How to Authorize as a Capacity Auction Participant (CAP)

The following chapter provides an overview, followed by step-by-step screen captures, describing how to authorize as a Capacity Auction Participant (CAP) using the Online IESO web-based registration system.





Action: Manage Participation

Step 1

Log in to the Online IESO web-based registration system using the following hyperlink:

<https://online.ieso.ca/suite/>

Enter your Username and Password, and click Sign In.

ieso

Username

Password

Remember me on this computer

[Forgot your password?](#)

[Planned IT Outages](#)

SIGN IN

Legal Disclaimer:
Attention to Participants: This system is owned and operated by the IESO, and all use of this system is governed by the Market Rules. As a registered Participant, you have received a unique and confidential User Account and Password from the IESO to access this system and you agree to maintain their confidentiality. You specifically agree that you are exclusively responsible for all access to and any activity on this system that occurs through the use of your User Account and Password. If you become aware of any unauthorized use of your User Account or Password, you agree to immediately notify the IESO. The IESO is not liable for any loss or damage arising from any unauthorized access or use of your User Account and Password. If you do not agree with these terms and conditions, immediately advise the IESO and do not login to this system.

Step 2

Click Actions on the menu bar at the top of the screen.



Click Manage Participation from the list of available action items displayed on the subsequent screen.



Step 3

The Choose Organization screen is displayed.

Select the check box corresponding to the organization that you wish to become authorized as a Capacity Auction Participant (CAP), and click Next.

Choose Organization

Please select the organization you are representing while completing this action.

Organizations



Name
<input checked="" type="checkbox"/> POWERTRAIL INC.
<input type="checkbox"/> TCA LOAD ORG 1

1-8 of 8

[Need Help?](http://www.ieso.ca/localContent/registration/#1.1)

Step 4

The Select Participation Type screen is displayed.

In the Action to Complete drop-down list, select Enter Market Participation, and click Next.



News Tasks (1) Records Reports Actions

Select Participation Type

Request Details

Request Number: 19660
Organization ID: 187405
Organization: TCA LOAD ORG 1

Action to Complete

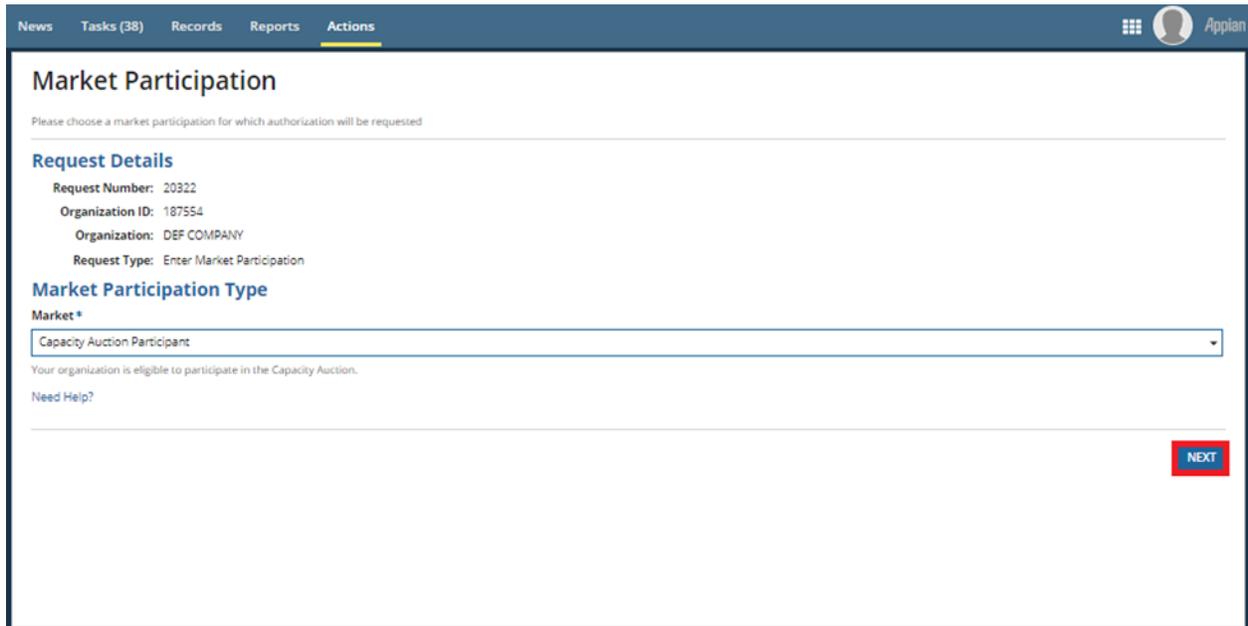
Select:

- Enter Market Participation
- Enter Market Participation
- Enter Program Participation
- Enter Service Provider Participation

Step 5

The Market Participation screen is displayed.

In the Market Participation Type drop-down list, select Capacity Auction Participant, and click Next.



The screenshot shows the 'Market Participation' screen in a web application. The top navigation bar includes 'News', 'Tasks (38)', 'Records', 'Reports', and 'Actions'. A user profile for 'Applan' is visible in the top right. The main content area is titled 'Market Participation' and contains the following elements:

- A prompt: 'Please choose a market participation for which authorization will be requested'
- Request Details**
 - Request Number: 20322
 - Organization ID: 187554
 - Organization: DEF COMPANY
 - Request Type: Enter Market Participation
- Market Participation Type**
 - Market *
 - Capacity Auction Participant (selected in the drop-down menu)
 - Your organization is eligible to participate in the Capacity Auction.
 - Need Help?
- A red 'NEXT' button in the bottom right corner.

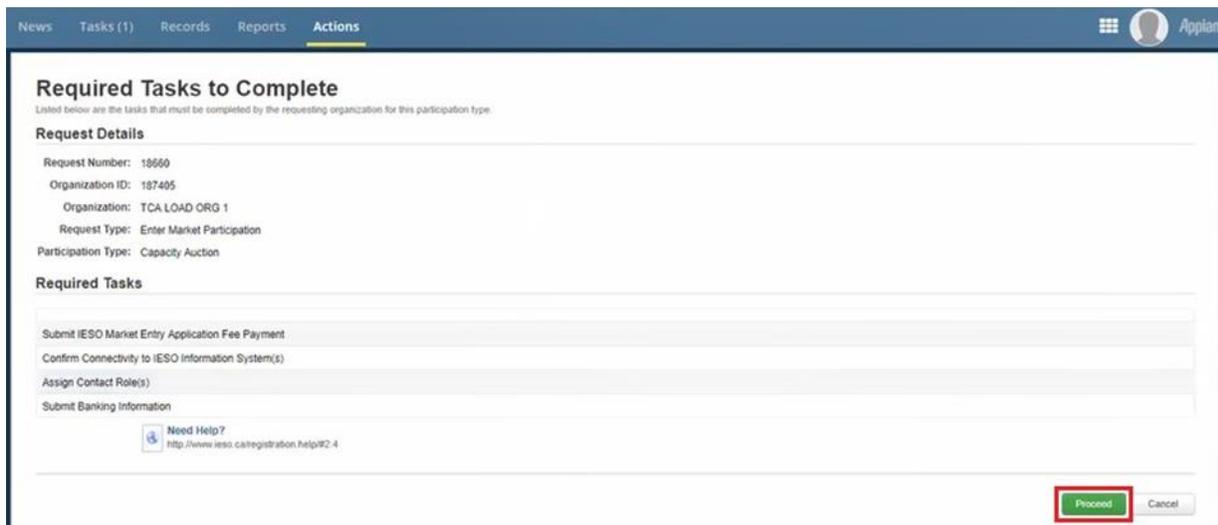
Step 6

The Required Tasks to Complete screen is displayed for your review – click Proceed.

Note: The following required tasks are applicable only to organizations with Demand Response Resources:

1. Submit IESO Market Entry Application Fee Payment
2. Confirm Connectivity to IESO Information System(s)
3. Assign Contact Role(s)
4. Submit Banking Information

For organizations with Capacity Generation Resources, some tasks are not required because they would have already been completed when the organization was first registered with the IESO.



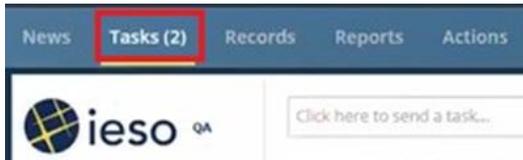
The screenshot shows a web interface with a navigation bar at the top containing 'News', 'Tasks (1)', 'Records', 'Reports', and 'Actions'. The 'Actions' tab is selected. On the right side of the navigation bar, there is a user profile icon labeled 'Applan'. The main content area is titled 'Required Tasks to Complete' and includes a sub-header: 'Listed below are the tasks that must be completed by the requesting organization for this participation type.' Below this, there is a section for 'Request Details' with the following information: Request Number: 19660, Organization ID: 187495, Organization: TCA LOAD ORG 1, Request Type: Enter Market Participation, and Participation Type: Capacity Auction. A section for 'Required Tasks' lists four items: 'Submit IESO Market Entry Application Fee Payment', 'Confirm Connectivity to IESO Information System(s)', 'Assign Contact Role(s)', and 'Submit Banking Information'. At the bottom of the task list, there is a 'Need Help?' link with the URL 'http://www.ieso.ca/registration.help/#2-4'. In the bottom right corner of the main content area, there are two buttons: 'Proceed' (highlighted with a red box) and 'Cancel'.



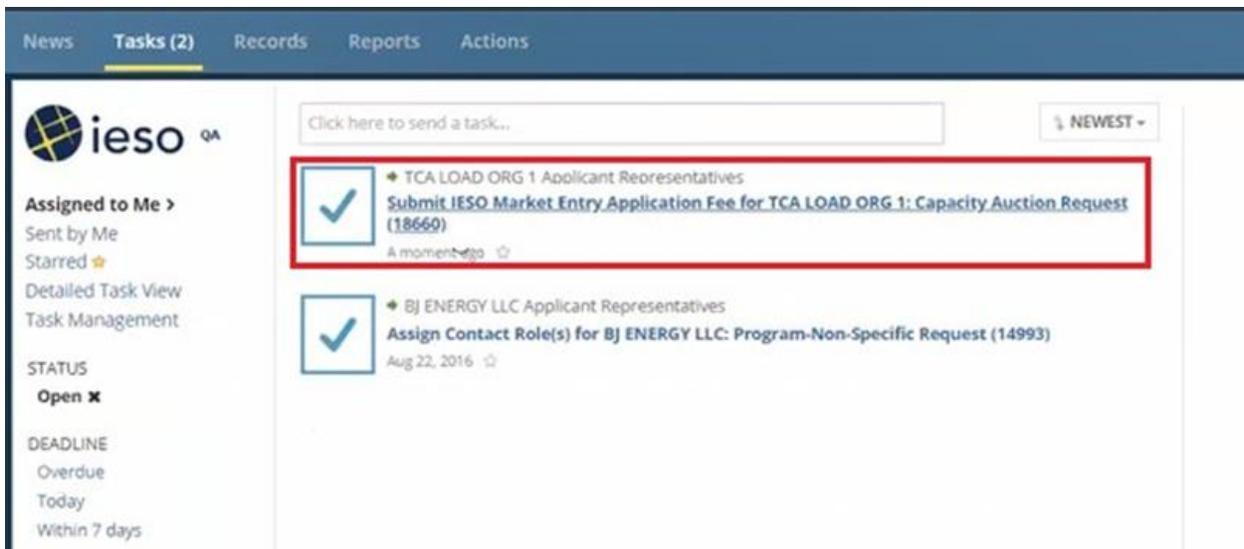
Task: Submit IESO Market Entry Application Fee

Step 7

Click Tasks on the menu bar at the top of the screen.

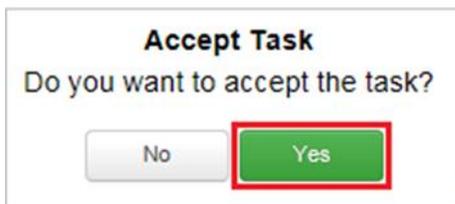


Click Submit IESO Market Entry Application Fee for <your organization> from the list of available tasks displayed on the subsequent screen.



Step 8

Click Yes to confirm that you accept the task.





Step 9

The Submit IESO Market Entry Application Fee screen is displayed.

Click Pay By Credit Card to link to the external website where you can make the payment.

Note: For Market Trial testing no payment is required.

Select the payment method that you used, and click Paid.

News **Tasks (2)** Records Reports Actions Applan

Submit IESO Market Entry Application Fee

Please process the required IESO registration fee. Select the payment method used to pay the fee. For credit card payments, please call IESO Finance at 905-855-6308 to complete your payment and to receive an email receipt. For wire payments, please process your payment through your bank account and send the funds to the IESO's bank account. (see account details below). Once you have successfully completed the payment, please select 'I have paid the IESO fee'. All the required tasks will assigned only after this task is completed.

Request Details

Request Number: 18,660
Organization ID: 187405
Organization: TCA LOAD ORG 1
Request Type: Enter Market Participation
Participation Type: Capacity Auction

Payment Information

The participation fee will be paid outside of this On-line registration, using one of the methods indicated here. Once you paid the participation fee, please come back to this page, and press the 'Paid' button. This is to acknowledge that you have paid the fee and that you can proceed with the next step.

Total fee: \$1,130.00 (\$1000+HST)

Select Payment Method: **Credit Card**

[Pay By Credit Card](http://www.ieso.ca/Pages/Participate/Registration/Market-Entry-Application-Payment-.aspx)
<http://www.ieso.ca/Pages/Participate/Registration/Market-Entry-Application-Payment-.aspx>

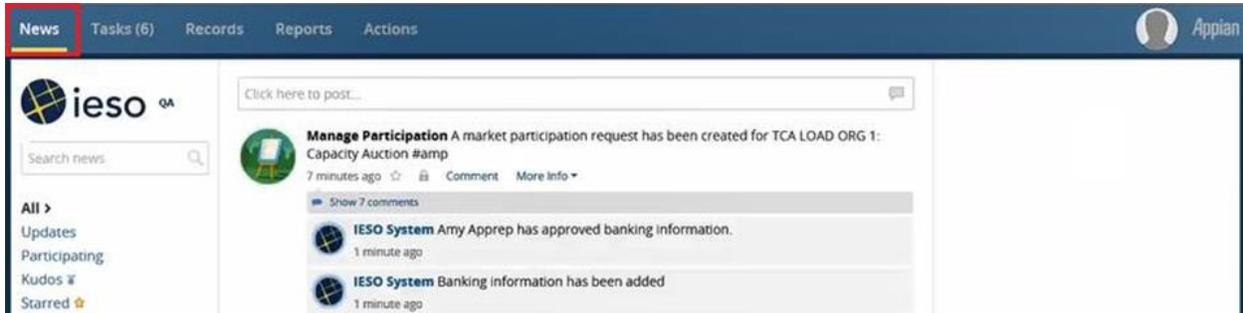
Pay By Wire: TD Bank
Transfer: Institution ID 0004
Transit #10202
Account #0690-0429444

[Need Help?](http://www.ieso.ca/registration/help/92.12)
<http://www.ieso.ca/registration/help/92.12>



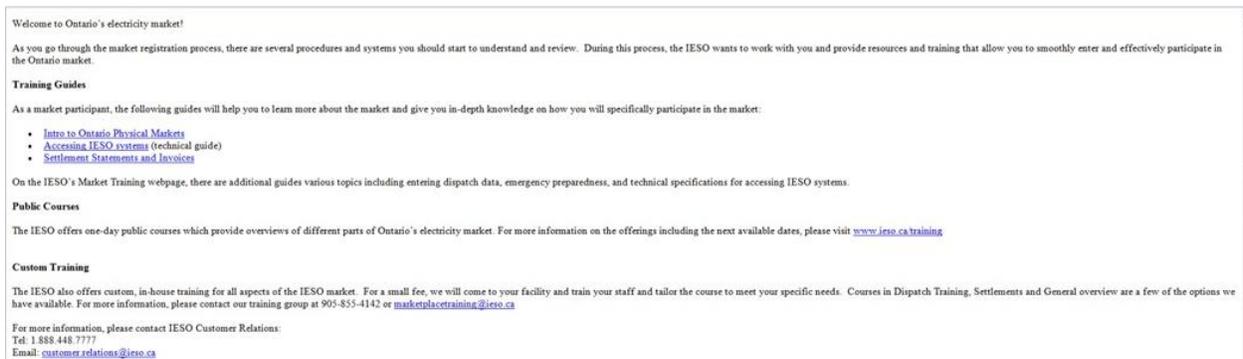
Step 10

Click News on the menu bar at the top of the screen to view the Payment Received notification.



Step 11

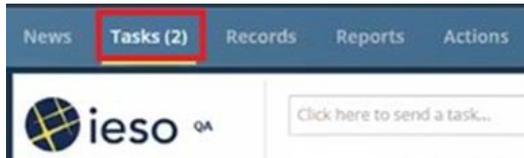
You will also receive an email with the subject line Training Info for <your organization>: Capacity Auction Participant Request– this email provides you with valuable links to training documents and contact information at the IESO.



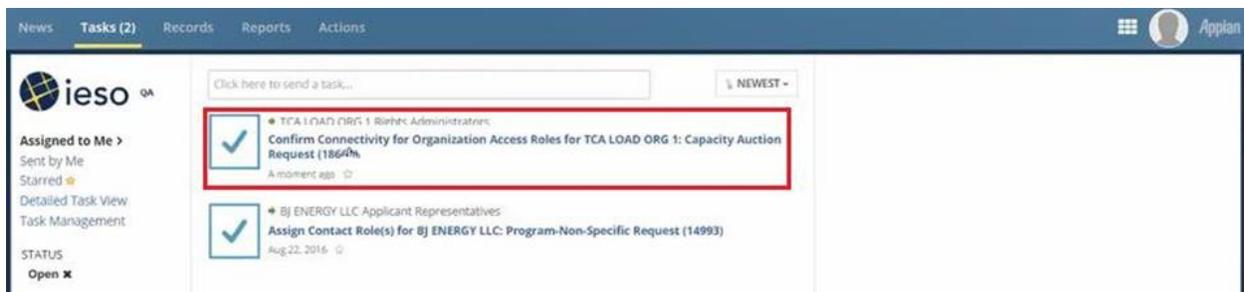
Task: Confirm Connectivity for Access Roles

Step 12

Click Tasks on the menu bar at the top of the screen.

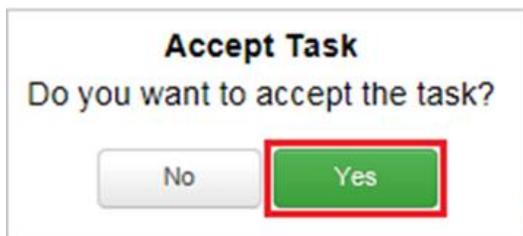


Click Confirm Connectivity for Organization Access Roles for <your organization>: Capacity Auction Request from the list of available tasks displayed on the subsequent screen.



Step 13

Click Yes to confirm that you accept the task.



Step 14

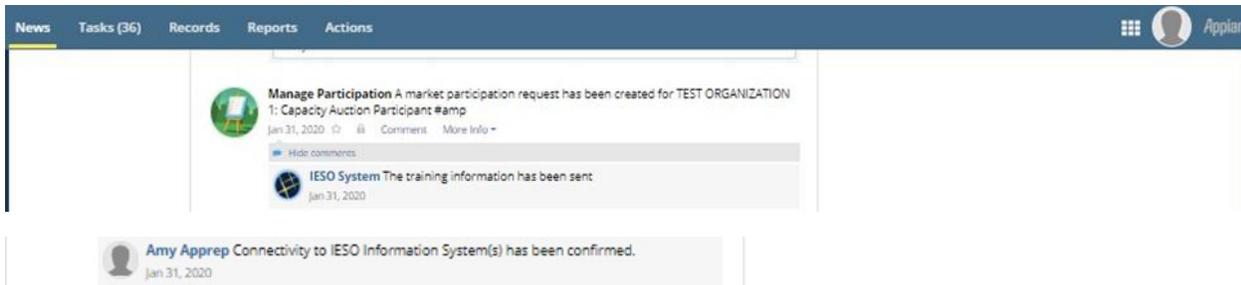
After you confirm that you are able to access your participant reports (at the following link: <https://reports.ieso.ca/private/>) by logging in with your credentials, select the appropriate check box via the Confirm Connectivity to IESO Information Systems screen, and click Confirm.



The screenshot shows a web application interface with a top navigation bar containing 'News', 'Tasks (2)', 'Records', 'Reports', and 'Actions'. A user profile icon for 'Applan' is in the top right. The main content area is titled 'Confirm Connectivity to IESO Information Systems'. Below the title is a 'Request Details' section with the following information: Request Number: 18,660; Organization ID: 187405; Organization: TCA LOAD ORG 1; Request Type: Enter Market Participation; Participation Type: Capacity Auction. The 'Confirm Connectivity' section contains a text box with a red border containing the text 'IESO Information System(s)'. Below this is a 'Need Help?' link with the URL 'http://www.ieso.ca/registration.help#2'. At the bottom right, there are two buttons: 'Confirm' (highlighted with a red box) and 'Close'.

Step 15

Click News on the menu bar at the top of the screen to view the confirmation notification that the task has been completed.

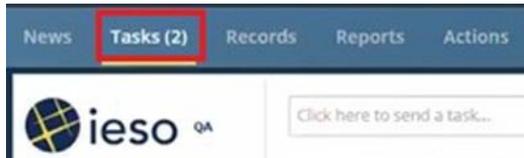


The screenshot shows the 'News' section of the application. The top navigation bar now shows 'Tasks (36)'. The main content area displays a list of news items. The first item is titled 'Manage Participation' and contains the text: 'A market participation request has been created for TEST ORGANIZATION 1: Capacity Auction Participant #amp'. The second item is titled 'IESO System' and contains the text: 'The training information has been sent'. At the bottom of the news list, there is a confirmation message from 'Amy Apprep' stating: 'Connectivity to IESO Information System(s) has been confirmed.' The date for this message is 'Jan 31, 2020'.

Task: Assign Contact Roles

Step 16

Click Tasks on the menu bar at the top of the screen.

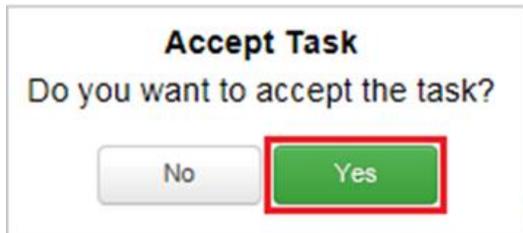


Click Assign Contact Roles for <your organization> from the list of available tasks displayed on the subsequent screen.



Step 17

Click Yes to confirm that you accept the task.





Step 18

The Add Mandatory Contact Roles screen is displayed.

Select the check box corresponding to Capacity Auction Contact (listed under Contact Role Name), and click Assign Contacts.

Note: During CAP authorization, the following contacts are mandatory:

1. Capacity Auction Contact
2. Invoicing and Banking

These contacts are applicable to both organizations with Demand Response Resources and organizations with Capacity Generation Resources. At a minimum, one contact is required per Contact Role.

Add Mandatory Contact Roles

Please assign the following contact roles, which are mandatory for this request. If the mandatory contact role(s) have already been assigned from a previous participation request there will not be any mandatory contact role to assign in the Role(s) to Assign table below.

Request Details

Request Number: 19.334
 Organization ID: 157596
 Organization: GENX POWER CORP
 Request Type: Enter Market Participation
 Participation Type: Capacity Auction

Add Mandatory Contact Roles

Please assign the following contact roles, which are mandatory for this request. If the mandatory contact role(s) have already been assigned from a previous participation request there will not be any mandatory contact role to assign in the Role(s) to Assign table below.

Existing role(s) already assigned for your organization

Contact Role Name	Description	Min. Required	No. of Existing
No items available			

Role(s) to assign

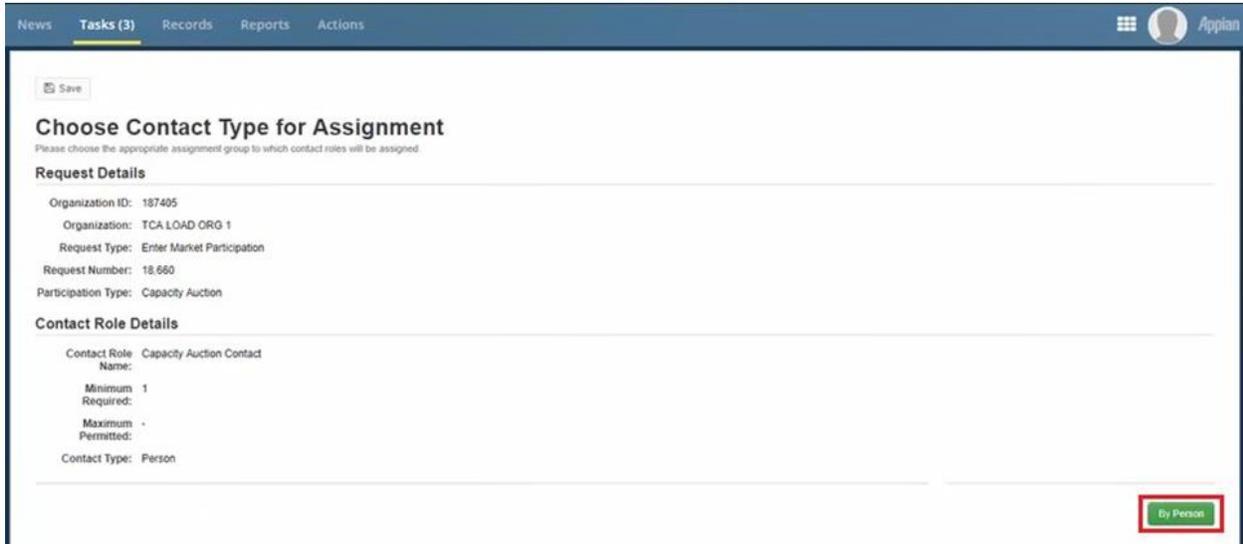
Contact Role Name	Description	Min. Required	No. of Existing
<input type="checkbox"/> Capacity Auction Contact	Person responsible for all tasks related to Capacity Auction.	1	0
<input type="checkbox"/> Invoicing and Banking	Person responsible for submitting and maintaining, or approving banking information for your organization.	1	0

[Need Help](http://www.ieso.ca/registration/help/92.5)
<http://www.ieso.ca/registration/help/92.5>

[Assign Contacts](#)

Step 19

The Choose Contact Type for Assignment screen is displayed for your review – click By Person to proceed.



News **Tasks (3)** Records Reports Actions Appian

Save

Choose Contact Type for Assignment

Please choose the appropriate assignment group to which contact roles will be assigned.

Request Details

Organization ID: 187405
Organization: TCA LOAD ORG 1
Request Type: Enter Market Participation
Request Number: 18.660
Participation Type: Capacity Auction

Contact Role Details

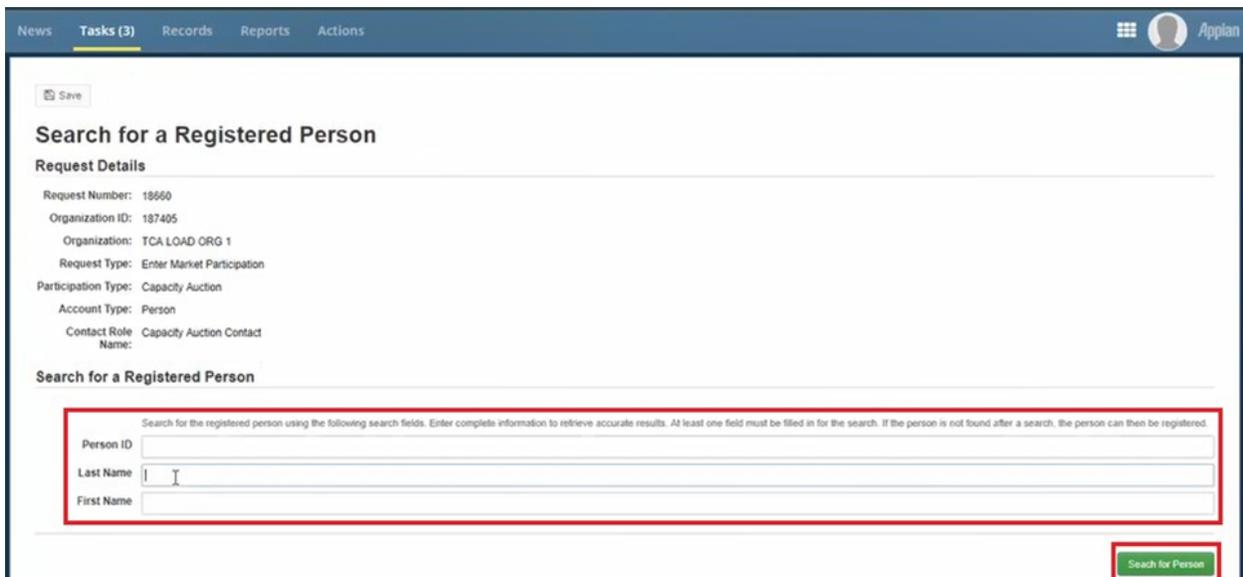
Contact Role Name: Capacity Auction Contact
Minimum Required: 1
Maximum Permitted: -
Contact Type: Person

By Person

Step 20

The Search for a Registered Person screen is displayed.

To search for a registered person, enter the name of the registered person in the search fields, and click Search for Person.



News **Tasks (3)** Records Reports Actions Appian

Save

Search for a Registered Person

Request Details

Request Number: 18660
Organization ID: 187405
Organization: TCA LOAD ORG 1
Request Type: Enter Market Participation
Participation Type: Capacity Auction
Account Type: Person
Contact Role Name: Capacity Auction Contact

Search for a Registered Person

Search for the registered person using the following search fields. Enter complete information to retrieve accurate results. At least one field must be filled in for the search. If the person is not found after a search, the person can then be registered.

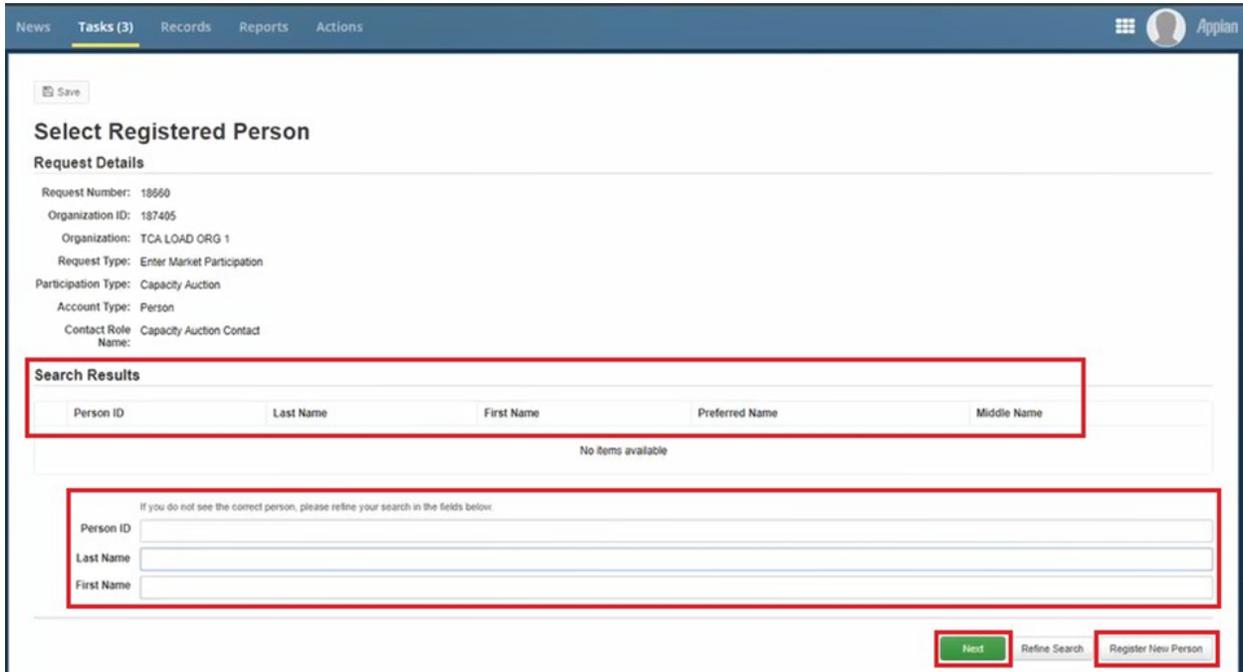
Person ID
Last Name
First Name

Search for Person

Step 21

If a person is registered in the IESO database, that name appears in the Search Results via the Select Registered Person screen – select the corresponding check box, and click Next.

Note: If a person is not already in the IESO database, you must register that individual by clicking Register New Person.



Select Registered Person

Request Details

Request Number: 19660
 Organization ID: 187405
 Organization: TCA LOAD ORG 1
 Request Type: Enter Market Participation
 Participation Type: Capacity Auction
 Account Type: Person
 Contact Role: Capacity Auction Contact
 Name:

Search Results

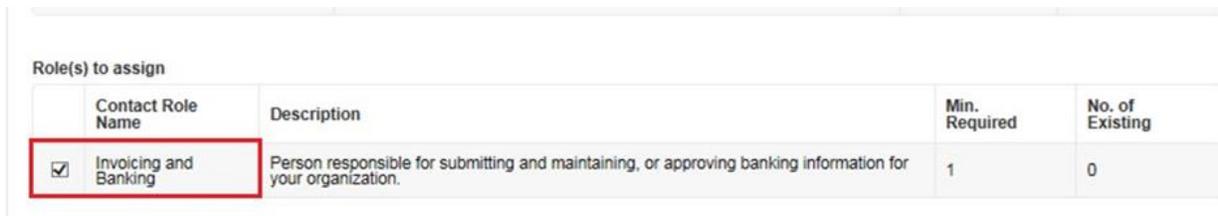
Person ID	Last Name	First Name	Preferred Name	Middle Name
No items available				

If you do not see the correct person, please refine your search in the fields below:

Person ID:
 Last Name:
 First Name:

Step 22

Repeat Steps 18 – 21 after selecting the check box corresponding to Invoicing and Banking listed under Contact Role Name.

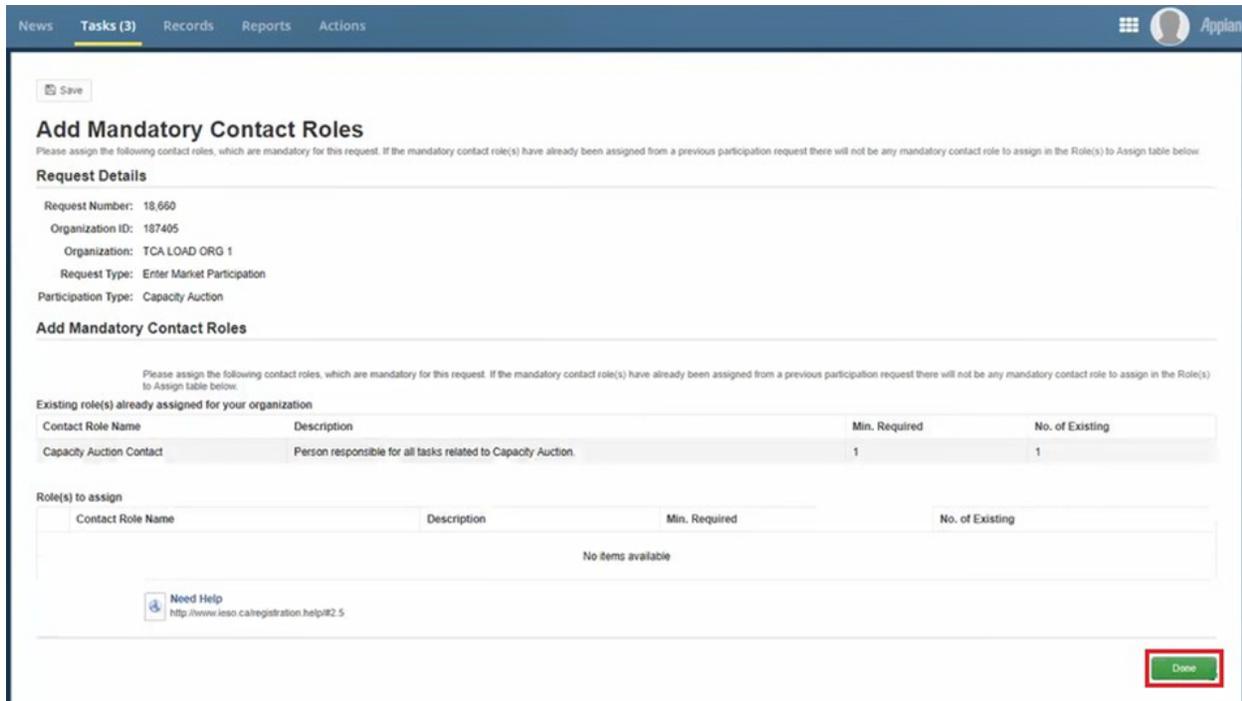


Role(s) to assign

	Contact Role Name	Description	Min. Required	No. of Existing
<input checked="" type="checkbox"/>	Invoicing and Banking	Person responsible for submitting and maintaining, or approving banking information for your organization.	1	0

Step 23

After all mandatory contact roles have been added, click Done.



News **Tasks (3)** Records Reports Actions Appian

Save

Add Mandatory Contact Roles

Please assign the following contact roles, which are mandatory for this request. If the mandatory contact role(s) have already been assigned from a previous participation request there will not be any mandatory contact role to assign in the Role(s) to Assign table below.

Request Details

Request Number: 18,660
 Organization ID: 187405
 Organization: TCA LOAD ORG 1
 Request Type: Enter Market Participation
 Participation Type: Capacity Auction

Add Mandatory Contact Roles

Please assign the following contact roles, which are mandatory for this request. If the mandatory contact role(s) have already been assigned from a previous participation request there will not be any mandatory contact role to assign in the Role(s) to Assign table below.

Existing role(s) already assigned for your organization

Contact Role Name	Description	Min. Required	No. of Existing
Capacity Auction Contact	Person responsible for all tasks related to Capacity Auction.	1	1

Role(s) to assign

Contact Role Name	Description	Min. Required	No. of Existing
No items available			

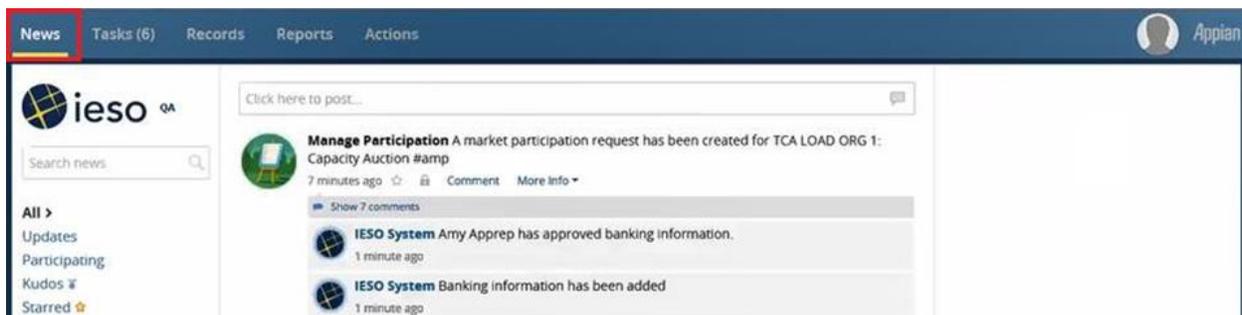
[Need Help](http://www.ieso.ca/registration.help/#2.5)
<http://www.ieso.ca/registration.help/#2.5>

Done

Step 24

Click News on the menu bar at the top of the screen to view the notification confirming that this step has been completed.

You will also receive an email confirmation notification with the subject line IESO Notice – Contact Update – this email confirms that the roles have been assigned.



News **Tasks (6)** Records Reports Actions Appian

ieso QA

Search news

Click here to post...

Manage Participation A market participation request has been created for TCA LOAD ORG 1: Capacity Auction #amp
 7 minutes ago ☆ Comment More Info ▾

Show 7 comments

- IESO System** Army Apprep has approved banking information.
1 minute ago
- IESO System** Banking information has been added
1 minute ago

All >
 Updates
 Participating
 Kudos 🏆
 Starred ☆



Step 25

Assign optional contact roles (if applicable) in a similar manner to mandatory contact roles.

Note: You can also add more than one person per contact role at this point.

Assign Optional Contact Roles

Please assign any desired optional contact roles with this request. Note that you can only assign contact roles that are newly accessible as a result of this enrolment request. Contact roles that are already available must be assigned through Update Organization

Request Details

Request Number: 19,334
Organization ID: 187598
Organization: GENX POWER CORP
Request Type: Enter Market Participation
Participation Type: Capacity Auction

Optional Contact Roles

The contact roles available below are only contact roles that are newly available as a result of this request. Contact roles that are already available as a result of existing participations must be updated through the "Update Organization" action. To assign these contact roles, please select "Assign Contacts". If done, select "Done".

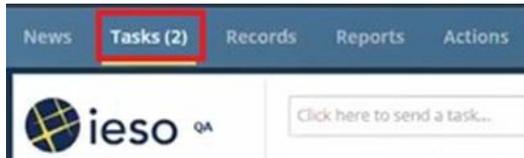
Name	For Person or Section
<input type="checkbox"/> Capacity Auction Contact	Person
<input type="checkbox"/> Information Technology	Both
<input type="checkbox"/> Invoicing and Banking	Person

 [Need Help?
http://www.ieso.ca/registration/help/#2.6](http://www.ieso.ca/registration/help/#2.6)

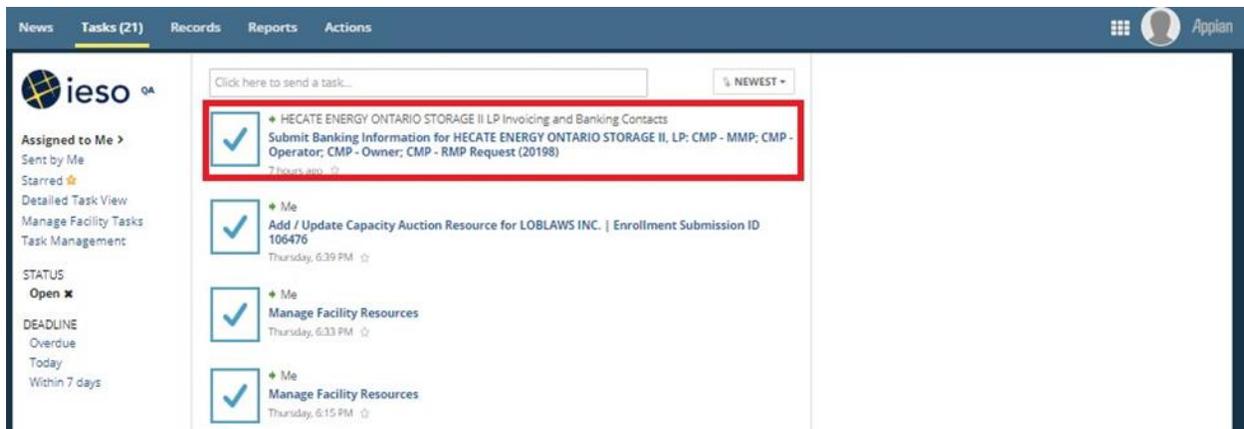
Task: Submit Banking Information

Step 26

Click Tasks on the menu bar at the top of the screen.

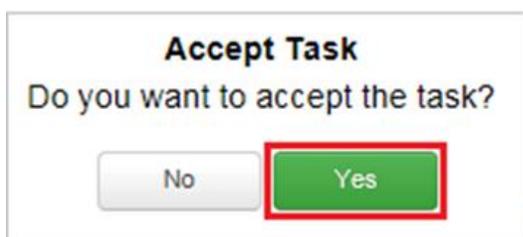


Click Submit Banking Information for <your organization>: Capacity Auction Request from the list of available tasks displayed on the subsequent screen.



Step 27

Click Yes to confirm that you accept the task.



Step 28

The Submit Banking Information screen is displayed.

All fields marked with a red star are mandatory – complete the form and click Continue.

News **Tasks (2)** Records Reports Actions

You have accepted this task. Return task to all assignees. REASSIGN REJECT

Submit Banking Information

Please insert your organization's banking information. Only Canadian bank accounts are acceptable. Please provide the address information for your bank branch.

Organization ID: 187405	Organization: TCA LOAD ORG 1
Request Type: Update Banking Information	Submitter: Amy Apprep
Participation Type: Capacity Auction	Request Number: 18660

Bank Information

Bank Name: Fifth Third Bank

Branch Information

Branch Name: Mississauga	Province: ON
Transit Number: 12345	City: mississauga
Country: CA	Postal Code: R3T 2T5
Address Line 1: 123 test	Main Phone: 123-456-7890
Address Line 2:	

Account Information

Account Number: 12345
Bank Account: Chris
Beneficiary:

Continue

Step 29

Click News on the menu bar at the top of the screen to view the confirmation notification that the form has been completed.

News **Tasks (47)** Records Reports Actions

Manage Participation

A market participation request has been created for DEF COMPANY:
Capacity Auction Participant #amp

Thursday, 11:52 AM | Comment | More Info

Hide comments

- IESO System** The training information has been sent
Thursday, 11:52 AM
- Amy Apprep** Connectivity to IESO Information System(s) has been confirmed.
Thursday, 11:55 AM
- Amy Apprep** Contact role assignment has been completed
Thursday, 11:57 AM
- Amy Apprep** Banking information has been submitted for approval
Aug 14, 2019



Step 30

A second user (Primary Contact, Authorized Representative or other Invoicing and Banking Contact role) must log in to the Online IESO web-based registration system in order to approve the banking information.

Note: If the original user tries to complete this task, an error message is displayed.

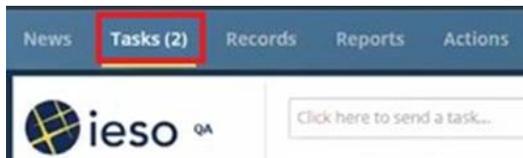
You are unable to approve the banking information in this task since the approver cannot be the same person who submitted the information.

If you have accepted the task, please click the button below to return the task to the assignee group and request for another user at your organization to approve the banking information.

Task: Approve Banking Information

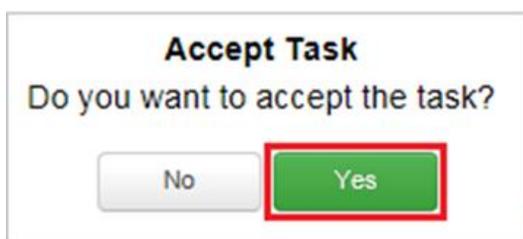
Step 31

The second user (separate sign-in required) must accept the task by clicking Tasks on the menu bar at the top of the screen, and then clicking Approve Banking Information for <your organization>: Capacity Auction Request from the list of available tasks displayed on the subsequent screen.



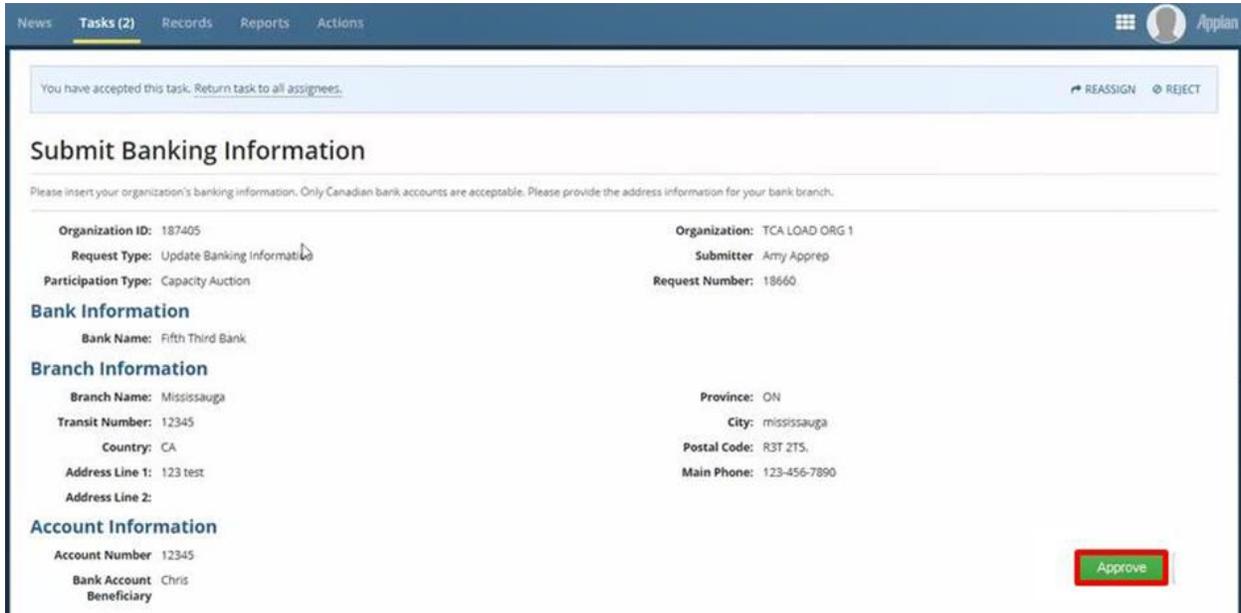
Step 32

Click Yes to confirm that you accept the task.



Step 33

Review the information in the form, confirm or edit as required, and click Approve.



News **Tasks (2)** Records Reports Actions Applan

You have accepted this task. Return task to all assignees. REASSIGN REJECT

Submit Banking Information

Please insert your organization's banking information. Only Canadian bank accounts are acceptable. Please provide the address information for your bank branch.

Organization ID: 187405 Organization: TCA LOAD ORG 1
 Request Type: Update Banking Information Submitter: Amy Apprep
 Participation Type: Capacity Auction Request Number: 18660

Bank Information

Bank Name: Fifth Third Bank

Branch Information

Branch Name: Mississauga Province: ON
 Transit Number: 12345 City: mississauga
 Country: CA Postal Code: R3T 2T5
 Address Line 1: 123 test Main Phone: 123-456-7890
 Address Line 2:

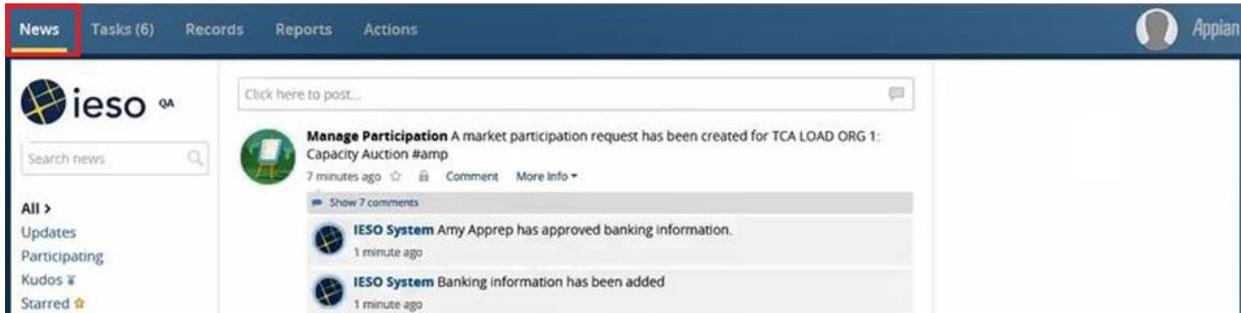
Account Information

Account Number: 12345
 Bank Account: Chris Beneficiary

Approve

Step 34

The original user can view a confirmation notification that the form has been completed by clicking News on the menu bar at the top of the screen.



News Tasks (6) Records Reports Actions Applan

Click here to post...

Manage Participation A market participation request has been created for TCA LOAD ORG 1: Capacity Auction #amp
 7 minutes ago ☆ Comment More Info ▾

Show 7 comments

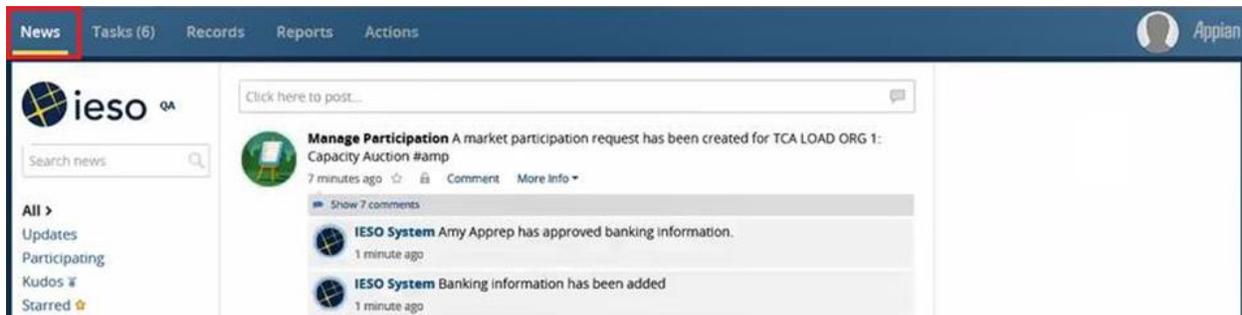
- IESO System** Amy Apprep has approved banking information. 1 minute ago
- IESO System** Banking information has been added 1 minute ago



Step 35

After all tasks have been completed, click News on the menu bar at the top of the screen to view a confirmation notification.

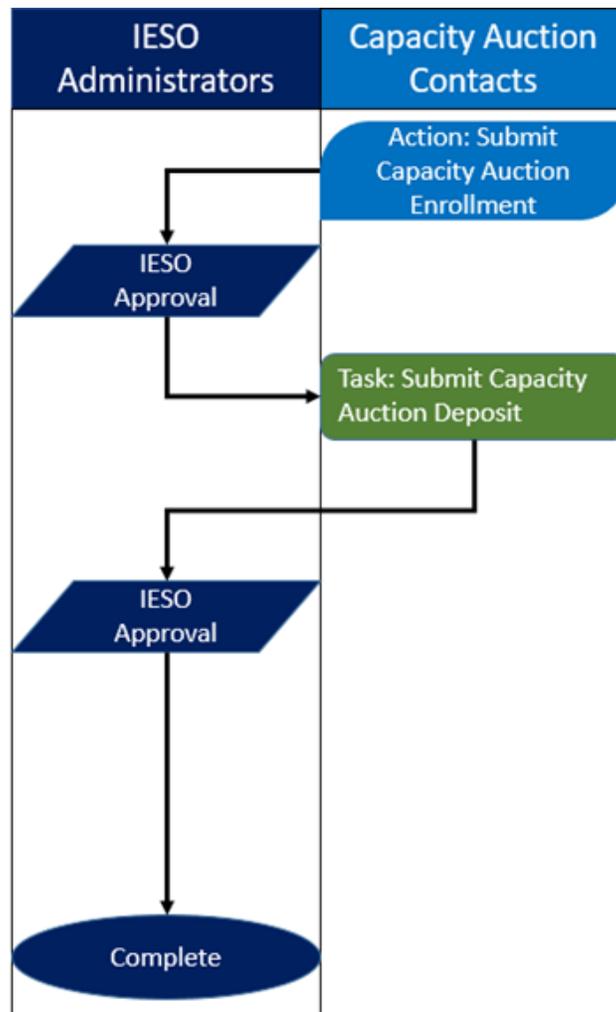
You will also receive a Registration Approval Notification (RAN) in your email inbox after the IESO has completed the authorization process.



2. How to Submit a Capacity Auction Enrollment Request

The following flowchart and table provide step-by-step instructions, with accompanying screen captures, describing how to enroll capacity using the Online IESO web-based registration system.

Note: You must receive a Registration Approval Notification (RAN) email authorizing you as a CAP before you can enroll capacity using Online IESO.





Action: Submit Capacity Auction Enrollment

Step 1

Log in to the Online IESO web- based registration system using the following hyperlink:

<https://online.ieso.ca/suite/>

Enter your Username and Password, and click Sign In.

ieso

Username

Password

Remember me on this computer

[Forgot your password?](#)

[Planned IT Outages](#)

SIGN IN

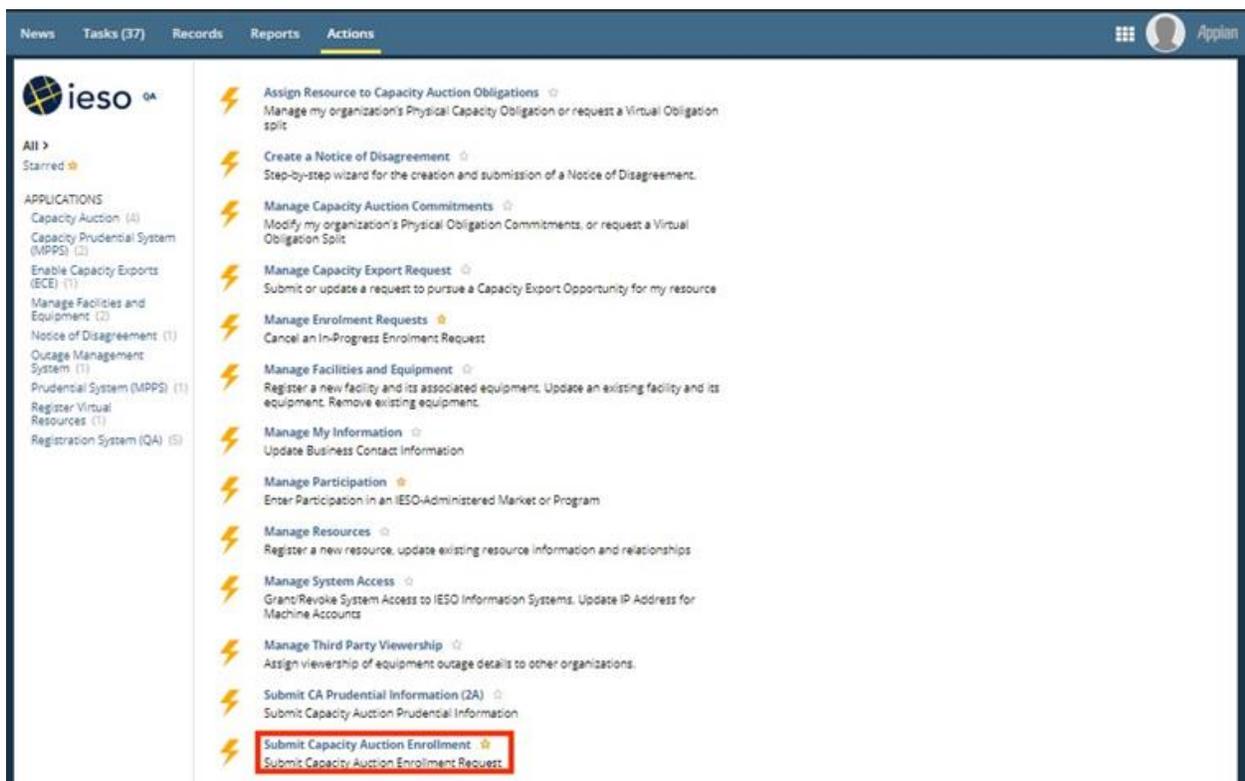
Legal Disclaimer:
Attention to Participants: This system is owned and operated by the IESO, and all use of this system is governed by the Market Rules. As a registered Participant, you have received a unique and confidential User Account and Password from the IESO to access this system and you agree to maintain their confidentiality. You specifically agree that you are exclusively responsible for all access to and any activity on this system that occurs through the use of your User Account and Password. If you become aware of any unauthorized use of your User Account or Password, you agree to immediately notify the IESO. The IESO is not liable for any loss or damage arising from any unauthorized access or use of your User Account and Password. If you do not agree with these terms and conditions, immediately advise the IESO and do not login to this system.

Step 2

Click Actions on the menu bar at the top of the screen.



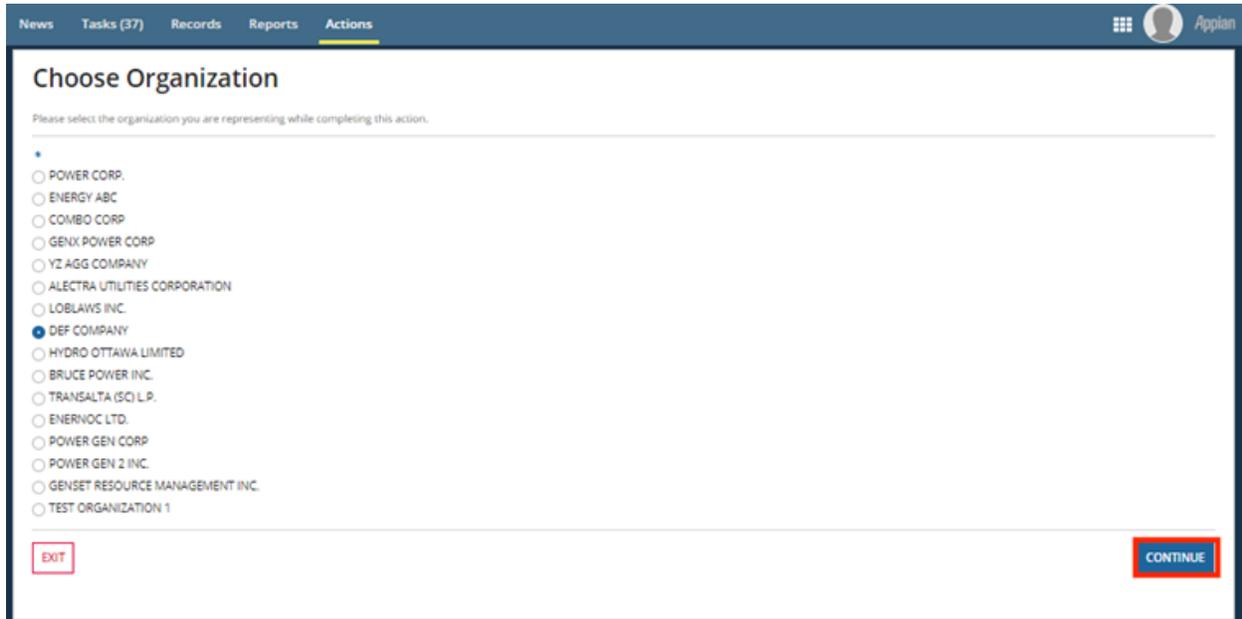
Click Submit Capacity Auction Enrollment from the list of available action items displayed on the subsequent screen.



Step 3

The Choose Organization screen is displayed.

Select the option button corresponding to the desired organization, and click Continue.



News Tasks (37) Records Reports **Actions**

Choose Organization

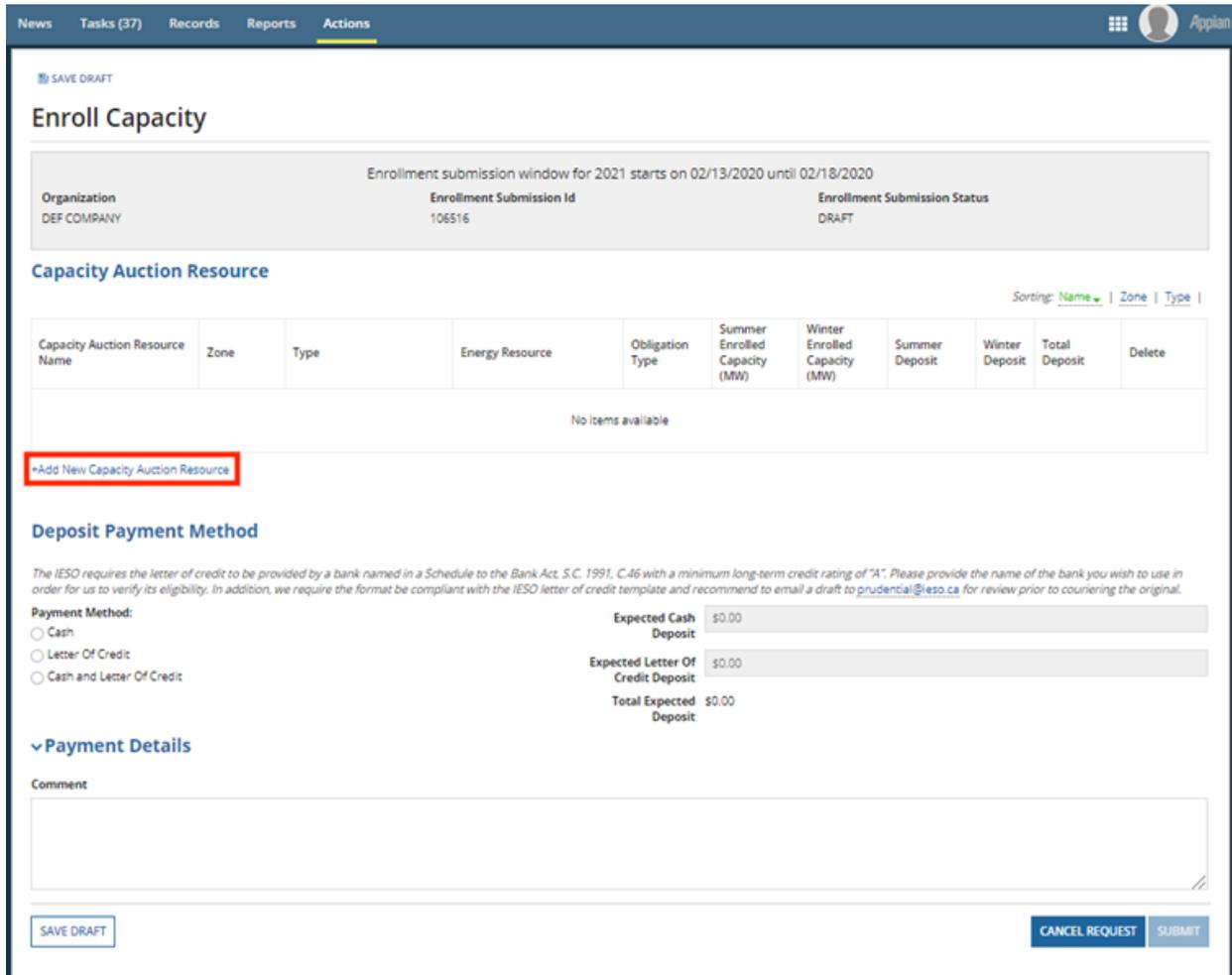
Please select the organization you are representing while completing this action.

- POWER CORP.
- ENERGY ABC
- COMBO CORP
- GENX POWER CORP
- YZ AGG COMPANY
- ALECTRA UTILITIES CORPORATION
- LOBLAWS INC.
- DEF COMPANY
- HYDRO OTTAWA LIMITED
- BRUCE POWER INC.
- TRANSALTA (SC) L.P.
- ENERNOC LTD.
- POWER GEN CORP
- POWER GEN 2 INC.
- GENSET RESOURCE MANAGEMENT INC.
- TEST ORGANIZATION 1

Step 4

The Enroll Capacity screen is displayed. As you prepare your capacity auction enrollment request, your draft submission will be displayed here.

Click Add New Capacity Auction Resource and Capacity Auction Resource screen appears.



News Tasks (37) Records Reports **Actions**

SAVE DRAFT

Enroll Capacity

Enrollment submission window for 2021 starts on 02/13/2020 until 02/18/2020

Organization	Enrollment Submission Id	Enrollment Submission Status
DEF COMPANY	106516	DRAFT

Capacity Auction Resource

Sorting: Name | Zone | Type

Capacity Auction Resource Name	Zone	Type	Energy Resource	Obligation Type	Summer Enrolled Capacity (MW)	Winter Enrolled Capacity (MW)	Summer Deposit	Winter Deposit	Total Deposit	Delete
No items available										

+Add New Capacity Auction Resource

Deposit Payment Method

The IESO requires the letter of credit to be provided by a bank named in a Schedule to the Bank Act, S.C. 1991, C.46 with a minimum long-term credit rating of "A". Please provide the name of the bank you wish to use in order for us to verify its eligibility. In addition, we require the format be compliant with the IESO letter of credit template and recommend to email a draft to prudential@ieso.ca for review prior to couriering the original.

Payment Method:

Cash
 Letter Of Credit
 Cash and Letter Of Credit

Expected Cash Deposit: \$0.00

Expected Letter Of Credit Deposit: \$0.00

Total Expected Deposit: \$0.00

Payment Details

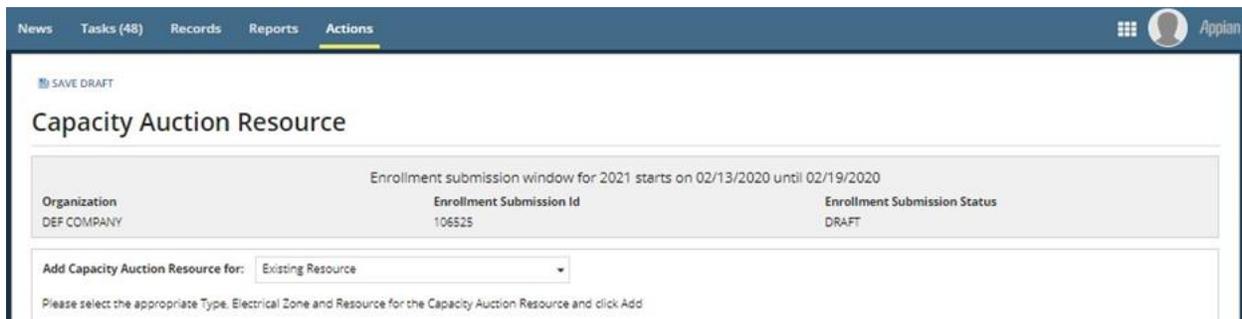
Comment

SAVE DRAFT CANCEL REQUEST SUBMIT

Step 5

The Capacity Auction Resource screen is displayed.

- A. If you plan to participate with a resource that is registered in the IESO-Administered Market, then select Existing Resource in the drop down box beside the text 'Add Capacity Auction Resource for'. Proceed to Step 6.
- B. If you plan to participate with a resource that is not currently registered in the IESO-Administered Market, then select New Resource in the drop down box beside the text 'Add Capacity Auction Resource for'. This option is available only for demand response resources. Proceed to Step 7
- C. If you plan to participate with a System-Backed Import, then select System-Backed Import in the drop down box beside the text 'Add Capacity Auction Resource for'. Proceed to Step 8.



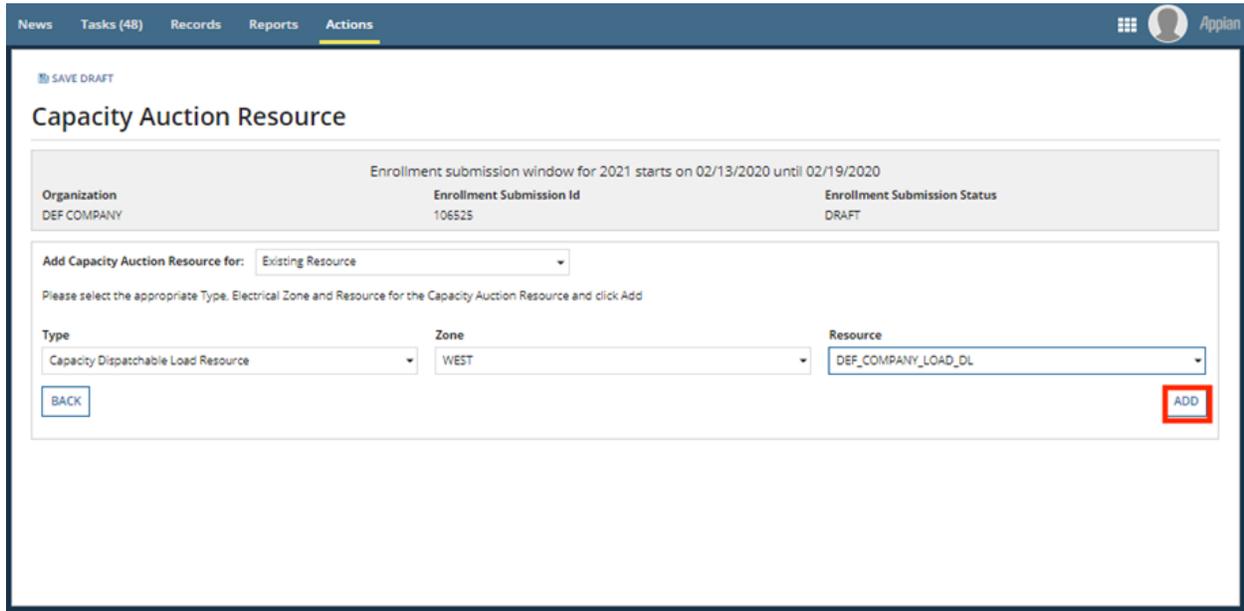
Organization	Enrollment Submission Id	Enrollment Submission Status
DEF COMPANY	106525	DRAFT

Step 6

This step applies only if you selected Existing Resource.

Use the drop down boxes to filter for Type and Zone to filter your list of available resources.

Once you have selected the Resource, click Add.



The screenshot shows the 'Capacity Auction Resource' form in the IESO system. At the top, there is a navigation bar with 'News', 'Tasks (48)', 'Records', 'Reports', and 'Actions' (highlighted). A user profile icon for 'Applan' is visible in the top right. Below the navigation bar, there is a 'SAVE DRAFT' button. The main heading is 'Capacity Auction Resource'. A notification banner states: 'Enrollment submission window for 2021 starts on 02/13/2020 until 02/19/2020'. Below this, a table displays enrollment details:

Organization	Enrollment Submission Id	Enrollment Submission Status
DEF COMPANY	106525	DRAFT

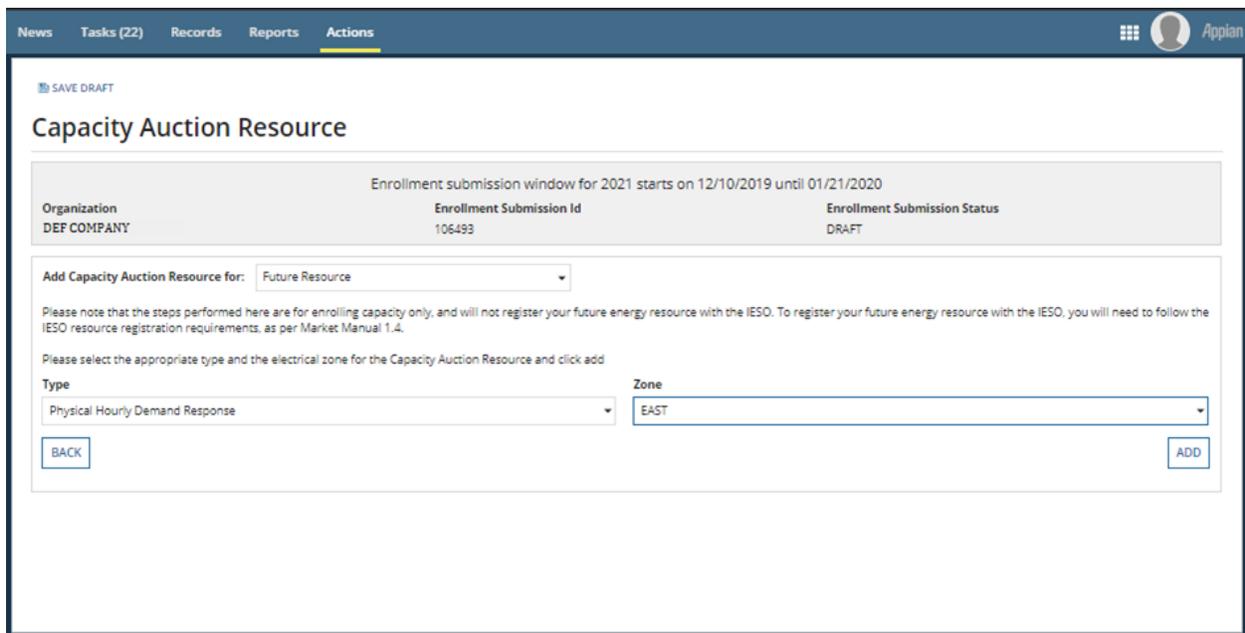
Below the table, there is a section for adding a resource. It includes a dropdown menu for 'Add Capacity Auction Resource for:' set to 'Existing Resource'. A note reads: 'Please select the appropriate Type, Electrical Zone and Resource for the Capacity Auction Resource and click Add'. There are three dropdown menus: 'Type' (set to 'Capacity Dispatchable Load Resource'), 'Zone' (set to 'WEST'), and 'Resource' (set to 'DEF_COMPANY_LOAD_DL'). At the bottom left is a 'BACK' button, and at the bottom right is an 'ADD' button highlighted with a red box.

Step 7

This step applies only if you selected New Resource.

Use the drop down boxes to choose a Type and Zone that would apply to the new resource. These parameters will apply to the potential Capacity Auction Resource and affect your capacity enrollment and offer submission.

Once you have selected the Resource, click Add.

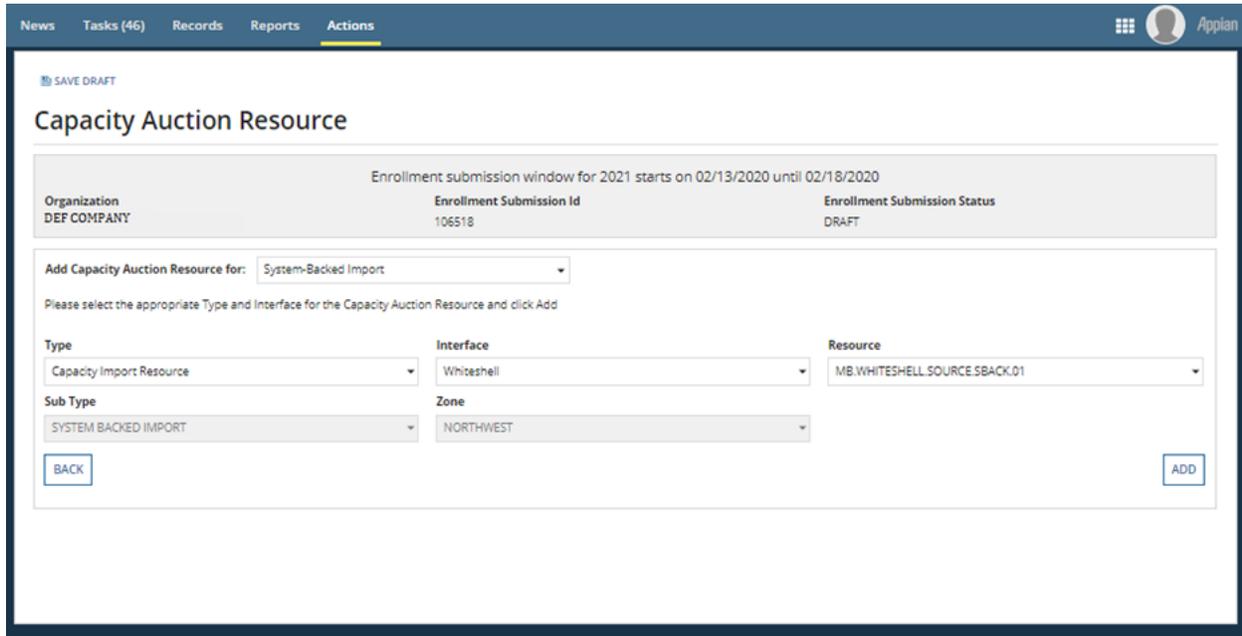


The screenshot shows a web application interface for enrolling a Capacity Auction Resource. At the top, there is a navigation bar with 'News', 'Tasks (22)', 'Records', 'Reports', and 'Actions'. A user profile icon for 'Applan' is visible in the top right. Below the navigation bar, there is a 'SAVE DRAFT' button and the title 'Capacity Auction Resource'. A grey banner indicates the enrollment submission window for 2021 starts on 12/10/2019 until 01/21/2020. Below this, a table shows the Organization as 'DEF COMPANY', Enrollment Submission Id as '106493', and Enrollment Submission Status as 'DRAFT'. The main form area has a dropdown for 'Add Capacity Auction Resource for:' set to 'Future Resource'. A note states: 'Please note that the steps performed here are for enrolling capacity only, and will not register your future energy resource with the IESO. To register your future energy resource with the IESO, you will need to follow the IESO resource registration requirements, as per Market Manual 1.4.' Below the note, it says 'Please select the appropriate type and the electrical zone for the Capacity Auction Resource and click add'. There are two dropdown menus: 'Type' set to 'Physical Hourly Demand Response' and 'Zone' set to 'EAST'. At the bottom of the form are 'BACK' and 'ADD' buttons.

Step 8

This step applies only if you selected System-Backed Import.

Use the drop down boxes to choose an Interface that would apply to the import.



The screenshot shows a web application interface for adding a Capacity Auction Resource. At the top, there is a navigation bar with 'News', 'Tasks (46)', 'Records', 'Reports', and 'Actions' (highlighted). A user profile icon for 'Applan' is in the top right. Below the navigation bar, a 'SAVE DRAFT' button is visible. The main heading is 'Capacity Auction Resource'. A notification banner states: 'Enrollment submission window for 2021 starts on 02/13/2020 until 02/18/2020'. Below this, a table displays enrollment details: Organization (DEF COMPANY), Enrollment Submission Id (106518), and Enrollment Submission Status (DRAFT). The main form area is titled 'Add Capacity Auction Resource for:' with a dropdown menu set to 'System-Backed Import'. A instruction reads: 'Please select the appropriate Type and Interface for the Capacity Auction Resource and click Add'. The form contains several dropdown menus: 'Type' (Capacity Import Resource), 'Interface' (Whiteshell), 'Resource' (MB.WHITESHELL.SOURCE.SBACK.01), 'Sub Type' (SYSTEM BACKED IMPORT), and 'Zone' (NORTHWEST). 'BACK' and 'ADD' buttons are located at the bottom left and right of the form respectively.

Step 9

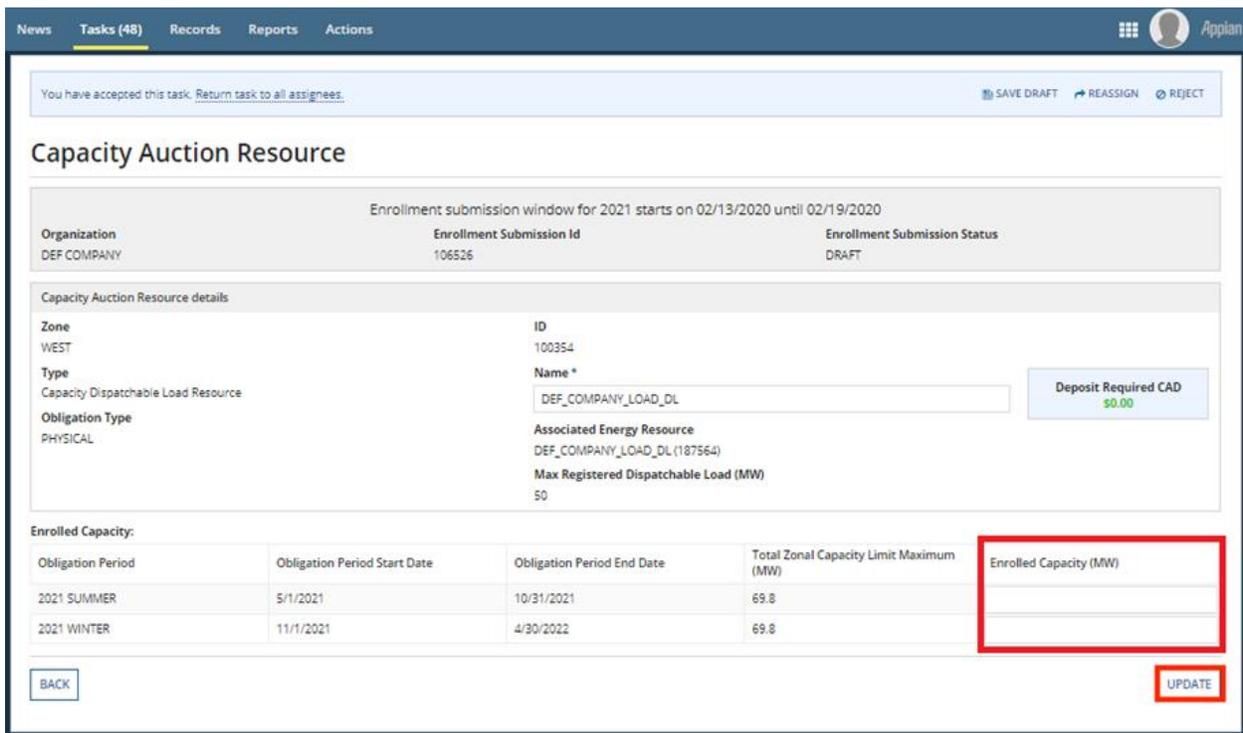
The Capacity Auction Resource details screen is displayed.

Enter the Name for your Capacity Auction Resource. If you selected an existing resource, that resource name is entered as a default.

Enter the Enrolled Capacity (MW) for the applicable obligation periods.

Note: The maximum value available to be inputted for enrolled capacity summer or winter is the minimum between maximum physical capability of that resource (located below Associated Energy Resource) and the limits shown in the column(s) before the Enrolled Capacity (MW) column.

Click Update.



News Tasks (48) Records Reports Actions Applan

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

Capacity Auction Resource

Enrollment submission window for 2021 starts on 02/13/2020 until 02/19/2020

Organization	Enrollment Submission Id	Enrollment Submission Status
DEF COMPANY	106526	DRAFT

Capacity Auction Resource details

Zone	WEST	ID	100354
Type	Capacity Dispatchable Load Resource	Name *	DEF_COMPANY_LOAD_DL
Obligation Type	PHYSICAL	Associated Energy Resource	DEF_COMPANY_LOAD_DL (187564)
		Max Registered Dispatchable Load (MW)	50

Deposit Required CAD: \$0.00

Enrolled Capacity:

Obligation Period	Obligation Period Start Date	Obligation Period End Date	Total Zonal Capacity Limit Maximum (MW)	Enrolled Capacity (MW)
2021 SUMMER	5/1/2021	10/31/2021	69.8	
2021 WINTER	11/1/2021	4/30/2022	69.8	

BACK UPDATE

Step 10

If you are enrolling the following Capacity Auction Resources, you will be prompted to submit an Attestation:

- Capacity Generation Resource
- Capacity Import Resource
- Capacity Storage Resource

Press Click Here.

News Tasks (22) Records Reports Actions Applan

[SAVE DRAFT](#)

Enroll Capacity

Enrollment submission window for 2021 starts on 12/10/2019 until 01/31/2020

Organization ABC COMPANY	Enrollment Submission Id 106497	Enrollment Submission Status DRAFT
-----------------------------	------------------------------------	---------------------------------------

Capacity Auction Resource

Sorting: [Name](#) | [Zone](#) | [Type](#) |

Capacity Auction Resource Name	Zone	Type	Energy Resource	Obligation Type	Summer Enrolled Capacity (MW)	Winter Enrolled Capacity (MW)	Summer Deposit	Winter Deposit	Total Deposit	Delete
LAUZON-LT.AG_EBUS (100317)	WEST	Capacity Storage Resource	LAUZON-LT.AG_EBUS (109488)	PHYSICAL	1	1	\$2,028.00	\$1,950.00	\$3,978.00	✘
KINGSVILLE-LT.AG_B-BUS1 (100316)	WEST	Capacity Generation Resource	KINGSVILLE-LT.AG_B-BUS1 (108927)	PHYSICAL	2	2	\$4,056.00	\$3,900.00	\$7,956.00	✘
Total					3	3	\$6,084.00	\$5,850.00	\$11,934.00	
Deposit Paid									\$0.00	
Deposit Balance									\$11,934.00	

[+Add New Capacity Auction Resource](#)

▲ Participants in the Capacity Auction intending to enrol with one of generation resource, storage resource or import, are required to confirm an attestation with respect to the eligibility of their resource(s).
To confirm and submit the attestation, [click here](#)

▲ Deposit Payment Method

The IESO requires the letter of credit to be provided by a bank named in a Schedule to the Bank Act, S.C. 1991, C.46 with a minimum long-term credit rating of "A". Please provide the name of the bank you wish to use in order for us to verify its eligibility. In addition, we require the format be compliant with the IESO letter of credit template and recommend to email a draft to prudential@ieso.ca for review prior to couriering the original.

Payment Method:*

Cash
 Letter Of Credit
 Cash and Letter Of Credit

Expected Cash Deposit	\$0.00
Expected Letter Of Credit Deposit	\$0.00
Total Expected Deposit	\$0.00

Total Deposit Value can not be less than the required Deposit Balance

▼ Payment Details

Comment

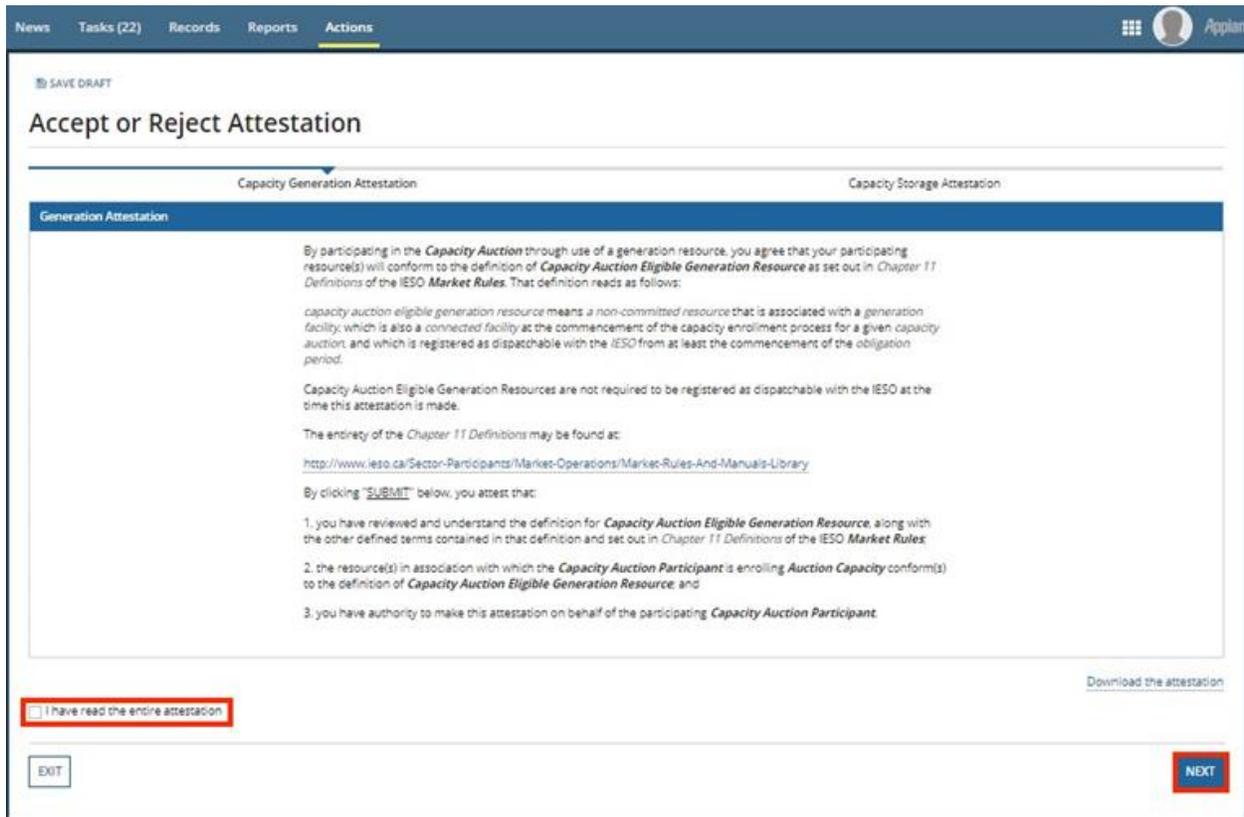
[SAVE DRAFT](#)
[CANCEL REQUEST](#)
[SUBMIT](#)

Step 11

The Accept or Reject Attestation screen is displayed.

You can download a copy by clicking Download the attestation.

Select I have read the entire attestation checkbox.



News Tasks (22) Records Reports Actions

SAVE DRAFT

Accept or Reject Attestation

Capacity Generation Attestation Capacity Storage Attestation

Generation Attestation

By participating in the **Capacity Auction** through use of a generation resource, you agree that your participating resource(s) will conform to the definition of **Capacity Auction Eligible Generation Resource** as set out in **Chapter 11 Definitions of the IESO Market Rules**. That definition reads as follows:

capacity auction eligible generation resource means a non-committed resource that is associated with a generation facility, which is also a connected facility at the commencement of the capacity enrollment process for a given capacity auction, and which is registered as dispatchable with the IESO from at least the commencement of the obligation period.

Capacity Auction Eligible Generation Resources are not required to be registered as dispatchable with the IESO at the time this attestation is made.

The entirety of the **Chapter 11 Definitions** may be found at:
<http://www.ieso.ca/Sector-Participants/Market-Operations/Market-Rules-And-Manuals-Library>

By clicking **"SUBMIT"** below, you attest that:

1. you have reviewed and understand the definition for **Capacity Auction Eligible Generation Resource**, along with the other defined terms contained in that definition and set out in **Chapter 11 Definitions of the IESO Market Rules**;
2. the resource(s) in association with which the **Capacity Auction Participant** is enrolling **Auction Capacity** conform(s) to the definition of **Capacity Auction Eligible Generation Resource**; and
3. you have authority to make this attestation on behalf of the participating **Capacity Auction Participant**.

I have read the entire attestation

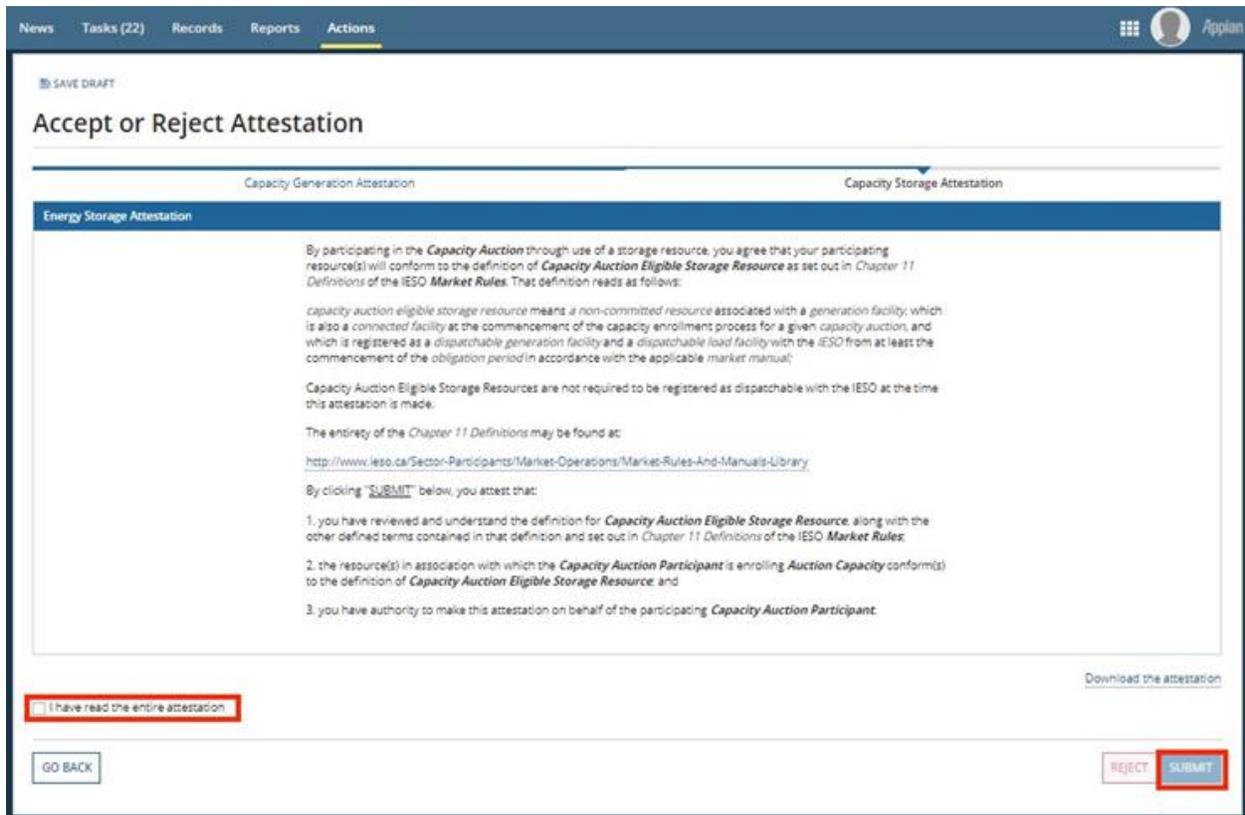
Download the attestation

EXIT NEXT

Step 12

If your capacity auction enrollment request includes multiple capacity auction resource types, you may be required to submit multiple attestations. Click Next to view and accept each attestation.

Once all attestations have been accepted, click Submit.



News Tasks (22) Records Reports **Actions** Applian

SAVE DRAFT

Accept or Reject Attestation

Capacity Generation Attestation Capacity Storage Attestation

Energy Storage Attestation

By participating in the **Capacity Auction** through use of a storage resource, you agree that your participating resource(s) will conform to the definition of **Capacity Auction Eligible Storage Resource** as set out in **Chapter 11 Definitions of the IESO Market Rules**. That definition reads as follows:

Capacity auction eligible storage resource means a non-committed resource associated with a generation facility, which is also a connected facility at the commencement of the capacity enrollment process for a given capacity auction, and which is registered as a dispatchable generation facility and a dispatchable load facility with the IESO from at least the commencement of the obligation period in accordance with the applicable market manual;

Capacity Auction Eligible Storage Resources are not required to be registered as dispatchable with the IESO at the time this attestation is made.

The entirety of the **Chapter 11 Definitions** may be found at:
<http://www.ieso.ca/Sector-Participants/Market-Operations/Market-Rules-And-Manuals-Library>

By clicking "**SUBMIT**" below, you attest that:

1. you have reviewed and understand the definition for **Capacity Auction Eligible Storage Resource**, along with the other defined terms contained in that definition and set out in **Chapter 11 Definitions of the IESO Market Rules**;
2. the resource(s) in association with which the **Capacity Auction Participant** is enrolling **Auction Capacity** conform(s) to the definition of **Capacity Auction Eligible Storage Resource**; and
3. you have authority to make this attestation on behalf of the participating **Capacity Auction Participant**.

I have read the entire attestation

Download the attestation

GO BACK **REJECT** **SUBMIT**

Step 13

The Enroll Capacity screen is displayed. To submit all the capacity auction resources, you are required to provide the deposit information. Click the option button corresponding to either Cash or Letter of Credit to indicate the Expected Payment Method for your deposit – additional instructions are displayed for the chosen payment method.

Note: If you choose Letter of Credit, you must also provide the name of the bank that you wish to use. You may also enter additional information concerning the deposit payment in the Comments field if you choose. Click Submit.

News Tasks (48) Records Reports Actions
Applan

Enroll Capacity

Enrollment submission window for 2021 starts on 02/13/2020 until 02/19/2020

Organization	Enrollment Submission Id	Enrollment Submission Status
DEF COMPANY	106526	DRAFT

Capacity Auction Resource

Sorting: [Name](#) | [Zone](#) | [Type](#)

Capacity Auction Resource Name	Zone	Type	Energy Resource	Obligation Type	Summer Enrolled Capacity (MW)	Winter Enrolled Capacity (MW)	Summer Deposit	Winter Deposit	Total Deposit	Delete
DEF_COMPANY_LOAD_DL (100354)	WEST	Capacity Dispatchable Load Resource	DEF_COMPANY_LOAD_DL (187564)	PHYSICAL	25	25	\$50,697.00	\$50,310.00	\$101,007.00	✖
Total					25	25	\$50,697.00	\$50,310.00	\$101,007.00	
Deposit Paid									\$20,000.00	
Deposit Balance									\$81,007.00	

+Add New Capacity Auction Resource

Deposit Payment Method

The IESO requires the letter of credit to be provided by a bank named in a Schedule to the Bank Act, S.C. 1991, C.46 with a minimum long-term credit rating of "A". Please provide the name of the bank you wish to use in order for us to verify its eligibility. In addition, we require the format be compliant with the IESO letter of credit template and recommend to email a draft to prudential@ieso.ca for review prior to couriering the original.

Payment Method: *

Cash
 Letter Of Credit
 Cash and Letter Of Credit

Expected Cash Deposit	\$82,000.00
Expected Letter Of Credit Deposit	\$0.00
Total Expected Deposit	\$82,000.00

Payment Details

Cash deposit instructions

TD Bank
 Bank Address: 55 King Street West, Toronto, ON, M5K 1A2
 Bank Number: 0004
 Transit: 10202
 Swift: TDOMCATTOR
 Account: 0690-0458762
 Beneficiary: Independent Electricity System Operator (IESO)
 Beneficiary Address: 1600-120 Adelaide Street West, Toronto, ON M5H 1T1

Comment

SAVE DRAFT

CANCEL REQUEST SUBMIT



Step 14

A dialog box is displayed showing your Estimated Auction Deposit Balance – click Yes to confirm your submission.

Estimated Auction Deposit Balance is \$81,007.00 Are you sure you want to submit?

Task: Submit Capacity Auction Deposit

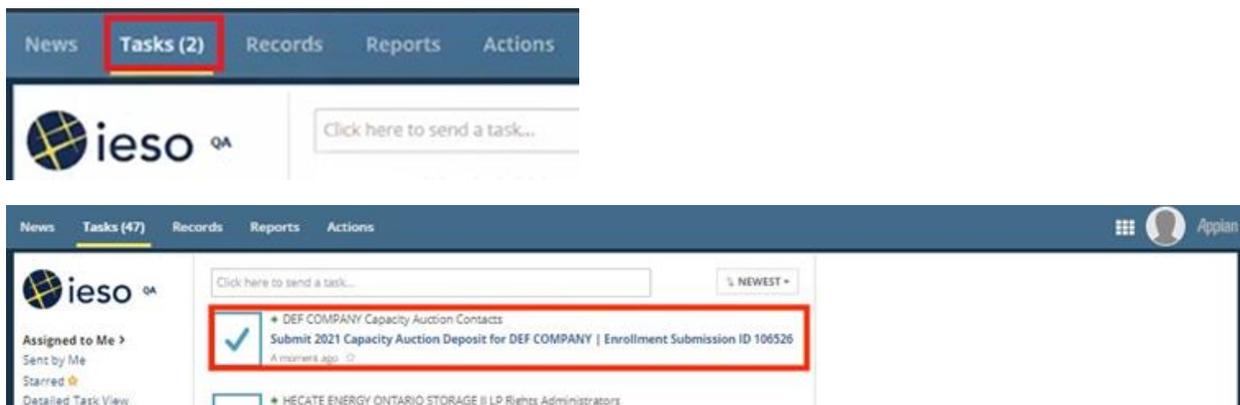
Step 15

The IESO will review your submission. When accepted, you will receive a task.

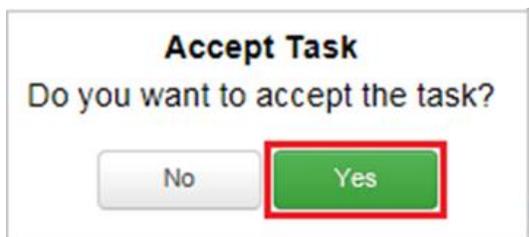
Click Tasks on the menu bar at the top of the screen.

Click Submit 2021 Capacity Auction Deposit for <Your Organization> from the list of available tasks displayed on the subsequent screen.

Click Yes to confirm that you accept the task.



The screenshot shows the IESO web application interface. At the top, a navigation bar contains 'News', 'Tasks (2)', 'Records', 'Reports', and 'Actions'. The 'Tasks (2)' tab is highlighted with a red box. Below the navigation bar is the IESO logo and a search box with the placeholder text 'Click here to send a task...'. The main content area displays a list of tasks. The first task is highlighted with a red box and contains a checkmark icon, the text 'DEF COMPANY Capacity Auction Contacts', and a sub-task: 'Submit 2021 Capacity Auction Deposit for DEF COMPANY | Enrollment Submission ID 106526'. Below this, another task is partially visible: 'HECATE ENERGY ONTARIO STORAGE II LP Rights Administrators'. On the left side of the task list, there are filters for 'Assigned to Me', 'Sent by Me', and 'Starred'. A 'NEWEST' dropdown menu is also visible.



The dialog box is titled 'Accept Task' and asks 'Do you want to accept the task?'. It features two buttons: 'No' and 'Yes'. The 'Yes' button is highlighted with a red box.

Step 16

The Capacity Auction Deposit task is displayed.

Select the Payment Method and enter the amount in the Actual Deposit Paid field. Note: If you select 'Cash and Letter of Credit', you will be required to submit the amount for each.

Click Submit.

News **Tasks (47)** Records Reports Actions
Applan

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

2021 Capacity Auction Deposit Information For DEF COMPANY

Enrollment submission window for 2021 starts on 02/13/2020 until 02/19/2020

Organization	Enrollment Submission Id	Enrollment Submission Status
DEF COMPANY	106526	REVIEWED

Auction Deposit Balance is \$81,007.00

Sorting: Name | Zone | Type |

Capacity Auction Resource Name	Zone	Type	Energy Resource	Obligation Type	Summer Enrolled Capacity (MW)	Winter Enrolled Capacity (MW)	Summer Deposit	Winter Deposit	Total Deposit
DEF_COMPANY_LOAD_DL (100354)	WEST	Capacity Dispatchable Load Resource	DEF_COMPANY_LOAD_DL (187564)	PHYSICAL	25	25	\$50,697.00	\$50,310.00	\$101,007.00
Total					25	25	\$50,697.00	\$50,310.00	\$101,007.00
Deposit Paid									\$20,000.00
Deposit Balance									\$81,007.00

New Deposit Information

The IESO requires the letter of credit to be provided by a bank named in a Schedule to the Bank Act, S.C. 1991, C.46 with a minimum long-term credit rating of "A". Please provide the name of the bank you wish to use in order for us to verify its eligibility. In addition, we require the format be compliant with the IESO letter of credit template and recommend to email a draft to prudential@ieso.ca for review prior to couriering the original.

Payment Method: *

Cash

Letter Of Credit

Cash and Letter Of Credit

Actual Cash Deposit

Actual Letter Of Credit Deposit

Total Actual Deposit \$82,000.00

Payment Details

Cash deposit instructions

TD Bank
Bank Address: 55 King Street West, Toronto, ON, M5K 1A2
Bank Number: 0004
Transit: 10202
Swift: TDOMCATTTOR
Account: 0690-0458762
Beneficiary: Independent Electricity System Operator (IESO)
Beneficiary Address: 1600-120 Adelaide Street West, Toronto, ON M5H 1T1

Comment:

CANCEL
MODIFY REQUEST **SUBMIT**



After IESO approves your deposit submission, you will receive an email denoting your enrollment completion in addition to summarizing your submission.

Reply Reply All Forward



Online IESO - QA <registrationqa@ieso.ca>

Rachel Zhao; Emily Somerville; Henry Dai; Hany Habib; Sunil Maniyappan; Gary Magsano; Chris Lim; Amir Hanna; + 33

2020/02/19

Confirmation for Approved Capacity Enrollment for Capacity Auction - DEF COMPANY

- This is an automated message: Do not reply to this Email Address -

To DEF COMPANY

The IESO has approved your submitted capacity enrollment information as summarized in the table below:

CAPACITY AUCTION RESOURCE	ZONE	TYPE	OBLIGATION TYPE	Summer Obligation Period (May 01,2021 - Oct 31,2021)	Winter Obligation Period (Nov 01,2021 - Apr 30,2022)
				Enrolled Capacity (MW)	Enrolled Capacity (MW)
DEF_COMPANY_LOAD_DL_DR (100356)	WEST	Physical Hourly Demand Response	PHYSICAL	30	30
TOTAL				30	30

For specific information on this notice, please contact prudential@ieso.ca. For general inquiries, please contact customer.relations@ieso.ca

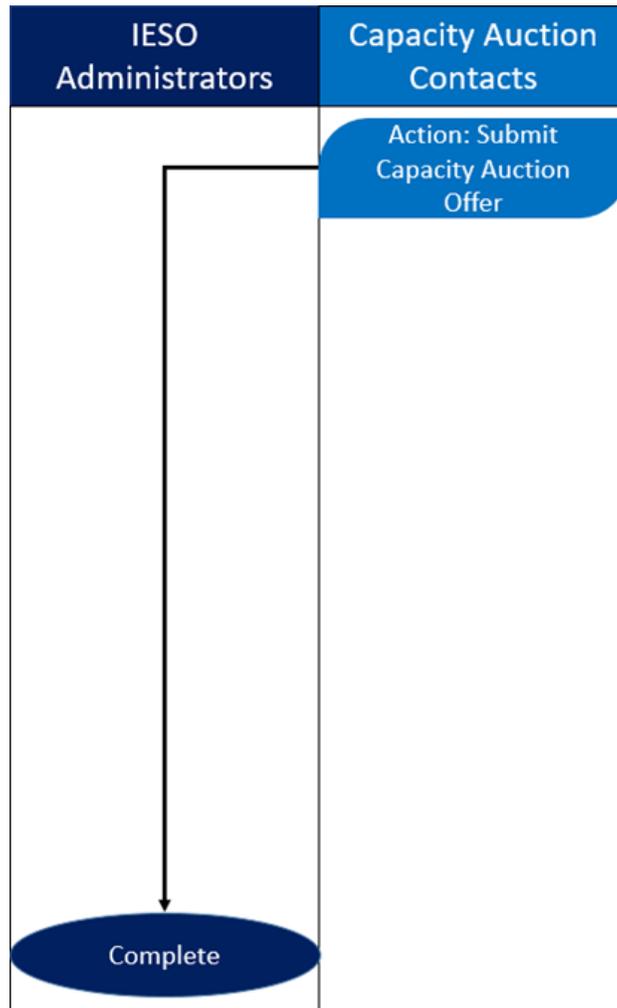
Regards,
Online IESO

To
DEF_COMPANY Capacity Auction Contacts

CC
IESO Capacity Auction Specialist

3. How to Offer Capacity into the Auction

The following table provides step-by-step instructions, with accompanying screen captures, describing how to offer capacity into the auction using the Online IESO web-based registration system.





Action: Submit Capacity Auction Offer

Step 1

Log in to the Online IESO web-based registration system using the following hyperlink:

<https://online.ieso.ca/suite/>

Enter your Username and Password, and click Sign In.

ieso

Username

Password

Remember me on this computer

[Forgot your password?](#)

[Planned IT Outages](#)

SIGN IN

Legal Disclaimer:
Attention to Participants: This system is owned and operated by the IESO, and all use of this system is governed by the Market Rules. As a registered Participant, you have received a unique and confidential User Account and Password from the IESO to access this system and you agree to maintain their confidentiality. You specifically agree that you are exclusively responsible for all access to and any activity on this system that occurs through the use of your User Account and Password. If you become aware of any unauthorized use of your User Account or Password, you agree to immediately notify the IESO. The IESO is not liable for any loss or damage arising from any unauthorized access or use of your User Account and Password. If you do not agree with these terms and conditions, immediately advise the IESO and do not login to this system.

Step 2

Click Actions on the menu bar at the top of the screen.



Click Submit Capacity Auction Offer from the list of available action items displayed on the subsequent screen.



Step 3

The Submit Capacity Auction Offer – Select Organization screen is displayed.

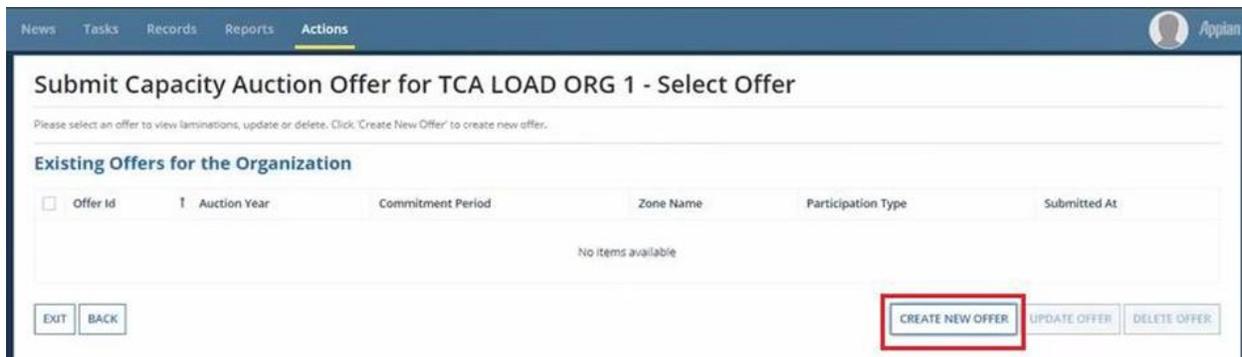
Select the option button corresponding to the desired organization, and click Continue.



Step 4

A list of existing offers for your organization, if any, is displayed. You have the option to either update any of these existing offers, or create a new offer.

To create a new offer, click Create New Offer.

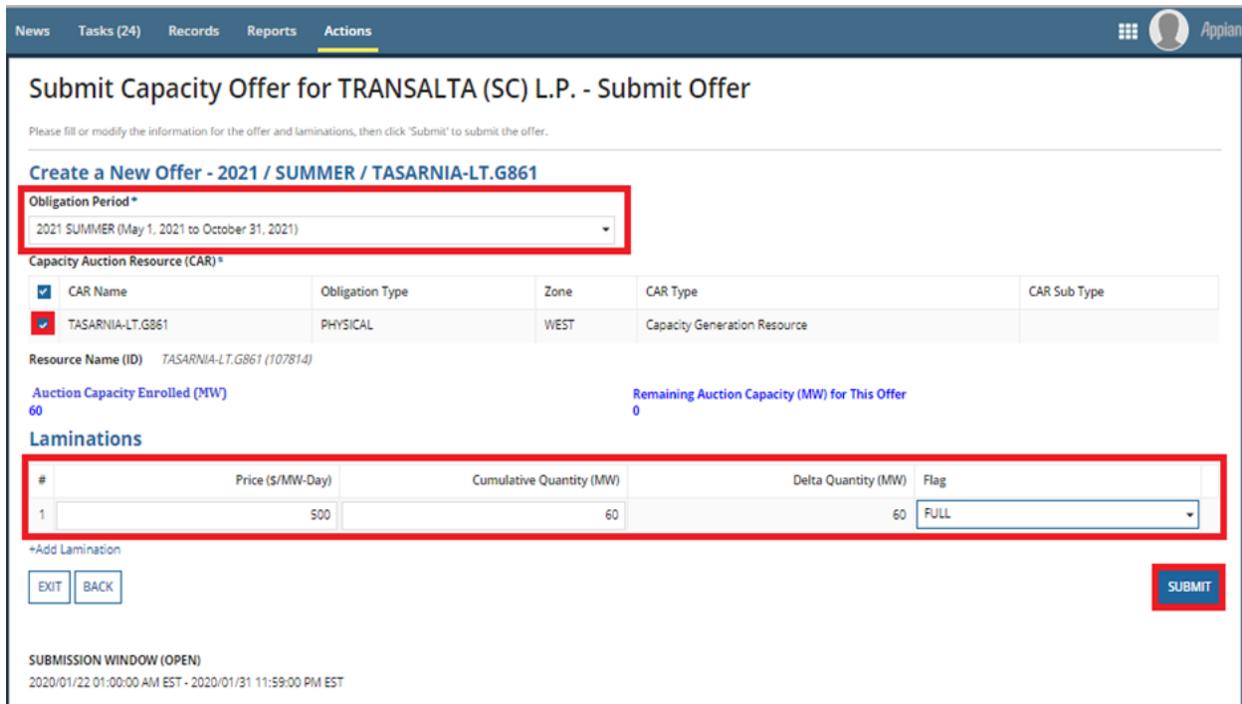


Step 5

Select the desired Obligation Period (i.e., Summer or Winter), from the Obligation Period drop down list.

Select the Capacity Auction Resource for which you wish to submit an offer.

Submit your offer by first entering the price and quantity for each Lamination.



News Tasks (24) Records Reports **Actions** Applan

Submit Capacity Offer for TRANSALTA (SC) L.P. - Submit Offer

Please fill or modify the information for the offer and laminations, then click 'Submit' to submit the offer.

Create a New Offer - 2021 / SUMMER / TASARNIA-LT.G861

Obligation Period *
2021 SUMMER (May 1, 2021 to October 31, 2021)

Capacity Auction Resource (CAR) *

<input checked="" type="checkbox"/>	CAR Name	Obligation Type	Zone	CAR Type	CAR Sub Type
<input checked="" type="checkbox"/>	TASARNIA-LT.G861	PHYSICAL	WEST	Capacity Generation Resource	

Resource Name (ID) TASARNIA-LT.G861 (107814)

Auction Capacity Enrolled (MW) 60 Remaining Auction Capacity (MW) for This Offer 0

Laminations

#	Price (\$/MW-Day)	Cumulative Quantity (MW)	Delta Quantity (MW)	Flag
1	500	60	60	FULL

+Add Lamination

EXIT BACK **SUBMIT**

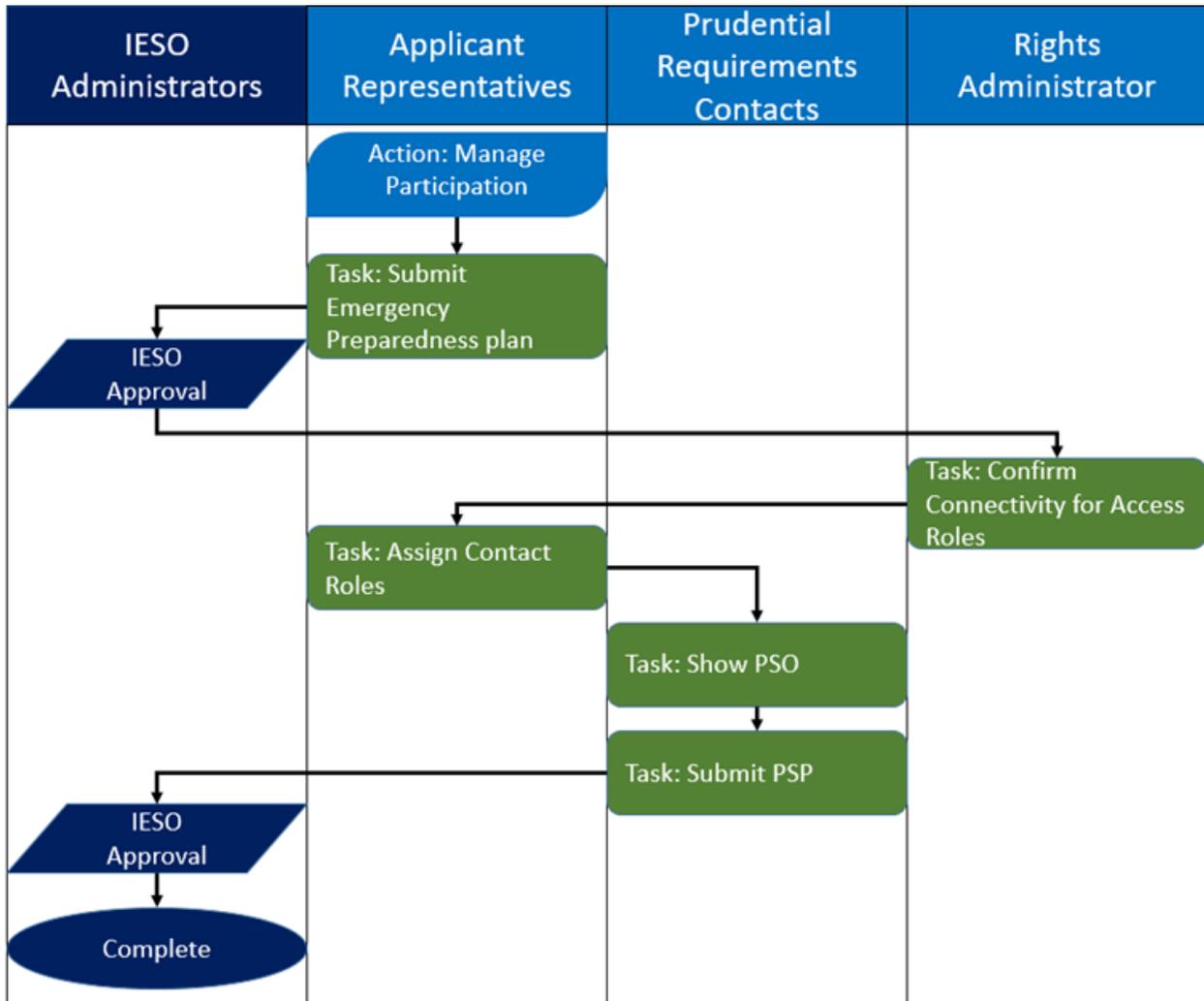
SUBMISSION WINDOW (OPEN)
2020/01/22 01:00:00 AM EST - 2020/01/31 11:59:00 PM EST

Note: Your offer can include up to 20 laminations – you must select a flag to indicate if any given quantity is to be provided in full or as partial for each lamination.

Click Submit to complete the offer.

4. How to Authorize as a Capacity Market Participant (CMP)

The following flow chart and table provides step-by-step instructions, with accompanying screen captures, describing how to become authorized as a Capacity Market Participant (CMP) using the Online IESO web-based registration system.





Action: Manage Participation

Step 1

Log in to the Online IESO web-based registration system using the following hyperlink:

<https://online.ieso.ca/suite/>

Enter your Username and Password, and click Sign In.

ieso

Username

Password

Remember me on this computer

[Forgot your password?](#)

[Planned IT Outages](#)

SIGN IN

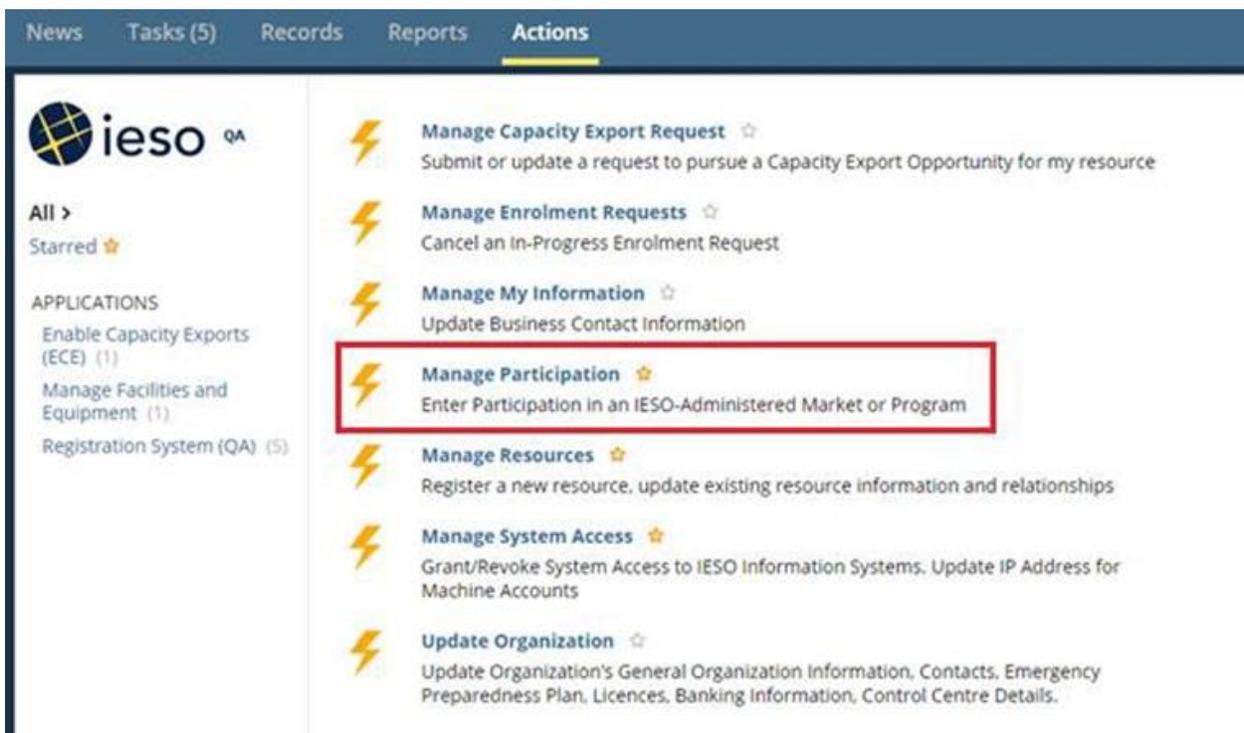
Legal Disclaimer:
Attention to Participants: This system is owned and operated by the IESO, and all use of this system is governed by the Market Rules. As a registered Participant, you have received a unique and confidential User Account and Password from the IESO to access this system and you agree to maintain their confidentiality. You specifically agree that you are exclusively responsible for all access to and any activity on this system that occurs through the use of your User Account and Password. If you become aware of any unauthorized use of your User Account or Password, you agree to immediately notify the IESO. The IESO is not liable for any loss or damage arising from any unauthorized access or use of your User Account and Password. If you do not agree with these terms and conditions, immediately advise the IESO and do not login to this system.

Step 2

Click Actions on the menu bar at the top of the screen.



Click Manage Participation from the list of available action items displayed on the subsequent screen.





Step 3

The Choose Organization screen is displayed.

Select the check box corresponding to the organization that you wish to become authorized as a Capacity Market Participant (CMP), and click Next.

Choose Organization

Please select the organization you are representing while completing this action.

Organizations

Name
<input checked="" type="checkbox"/> POWERTRAIL INC.
<input type="checkbox"/> TCA LOAD ORG 1

1-8 of 8

[Need Help?](http://www.ieso.ca/localContent/registration/#1.1)

Next Cancel

Step 4

The Select Participation Type screen is displayed.

In the Action to Complete drop-down list, select Enter Market Participation, and click Next.

Select Participation Type

Request Details

Request Number: 19094
Organization ID: 109111
Organization: POWERTRAIL INC.

Action to Complete

Select: Enter Market Participation

[Need Help?](http://www.ieso.ca/registration/help/#2.0)

Next Cancel

Step 5

The Market Participation screen is displayed.

In the Market Participation Type drop-down list, select Capacity Market Participation, and click Next.

Note: An organization will only be able to complete the Capacity Market Participant authorization if they've received a capacity obligation for an upcoming capacity auction.

Market Participation

Please choose a market participation for which authorization will be requested

Request Details

Request Number: 19084

Organization ID: 109111

Organization: POWERTRAIL INC.

Request Type: Enter Market Participation

Market Participation Type

Market *

Capacity Market Participation

[Need Help?](#)

NEXT

Step 6

Select the appropriate check boxes to select the Market Participant Role(s) for your organization.

Note: You can select multiple roles. If multiple organizations will take on roles, select only the role that applies to you.

The CAP must become the CMP - Owner.

The following steps assume that you are taking on all four roles.

Click Next to proceed.

Market Participation

Request Details

Request Number: 19064
Organization ID: 109111
Organization: POWERTRAIL INC.
Request Type: Enter Market Participation
Participation Type: Capacity Market Participation

Market Participation Role(s)

Select

<input checked="" type="checkbox"/> Participation Role	Description
<input checked="" type="checkbox"/> Capacity Market Participant-MMP	Your organization is responsible for the financial settlements with respect to a resource with a capacity obligation.
<input checked="" type="checkbox"/> Capacity Market Participant-Operator	Your organization operates a resource with a capacity obligation.
<input checked="" type="checkbox"/> Capacity Market Participant-Owner	Your organization has a capacity obligation.
<input checked="" type="checkbox"/> Capacity Market Participant-RMP	Your organization submits dispatch data with respect to a resource with a capacity obligation.

[Need Help?](#)

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



Step 7

Online IESO automatically determines the next steps and displays these steps on the Required Tasks to Complete screen (depending on the roles selected).

Make note of these tasks, and click Proceed. These tasks will also be shown on the News screen.

Note: If you are new organization to IESO you will be required to submit the entire next set of required tasks.

Required Tasks to Complete

Listed below are the tasks that must be completed by the requesting organization for this participation type.

Request Details

Request Number: 19090
Organization ID: 109111
Organization: POWERTRAIL INC
Request Type: Enter Market Participation
Participation Type: CMP - MVP, CMP - Operator, CMP - Owner, CMP - RMP

Required Tasks

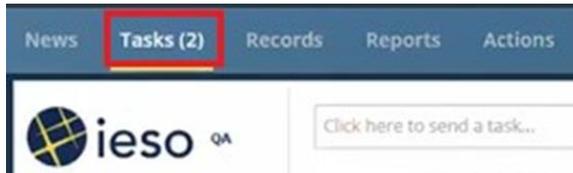
Confirm Connectivity to IESO Information System(s)
Assign Contact Role(s)
Submit Emergency Preparedness Plan
Submit Prudential Information

 [Need Help?](http://www.ieso.ca/registration/help/102_4)
http://www.ieso.ca/registration/help/102_4

Task: Submit Emergency Preparedness Plan

Step 8

Click Tasks on the menu bar at the top of the screen.

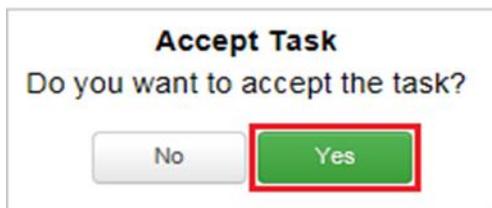


Click Upload Emergency Preparedness Plan for <your organization> from the list of available tasks displayed on the subsequent screen.



Step 9

Click Yes to confirm that you accept the task.



Step 10

Click Accept at the top of the Submit Emergency Preparedness Plan screen, click Upload to attach the Emergency Preparedness Plan PDF file, and click Submit.

If your organization has previously submitted the Emergency Preparedness Plan, then it will be available for selection or you can choose to upload a new plan.

Further instructions on how to complete an Emergency Preparedness Plan are available on the IESO website by following the link: <http://www.ieso.ca/en/> in the Sector- Participants - System-Reliability - Emergency-Preparedness section.

Submit Emergency Preparedness Plan

Request Details

Request Number: 10090

Organization ID: 109111

Organization Name: POWERTRAIL INC.

Request Type: Enter Market Participation

Participation Type: CMP - MMP; CMP - Operator; CMP - Owner; CMP - RMP

Submit Emergency Preparedness Plan

Select Document: **UPLOAD**  Drop file here

Select Document:  **Test Data EPP**
DOCX - 12.33 KB

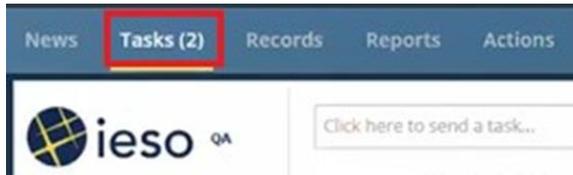
[Need Help?](#)

SUBMIT

Task: Confirm Connectivity for Access Roles

Step 11

Click Tasks on the menu bar at the top of the screen.

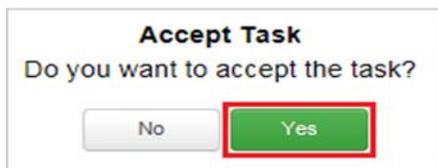


Click Confirm Connectivity for Organization Access Roles for <your organization> from the list of available tasks displayed on the subsequent screen.



Step 12

Click Yes to confirm that you accept the task.





Step 13

Separately, confirm that your organization can connect to the tasks listed, then select the appropriate check box(es) via the Confirm Connectivity to IESO Information Systems screen, and click Confirm.

Confirm Connectivity to IESO Information Systems

Request Details

Request Number: 19.000

Organization ID: 109111

Organization: POWERTRAIL INC.

Request Type: Enter Market Participation

Participation Type: CMP - MWP, CMP - Operator, CMP - Owner, CMP - RWP

Confirm Connectivity

As a Rights Administrator you are responsible for providing access to IESO information systems. The following lists the information systems required for this market or program participation. Please use the Manage System Access Action to grant access if necessary. Please confirm that your organization can connect to the following systems.

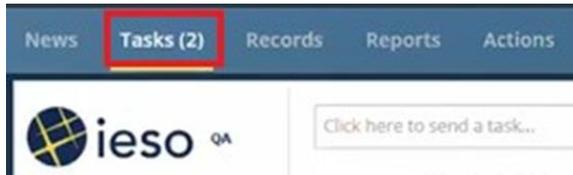
<input type="checkbox"/>	IESO Information System(s)
<input type="checkbox"/>	Prudential Manager
<input type="checkbox"/>	Participant Reports
<input type="checkbox"/>	Settlements Data Forms
<input type="checkbox"/>	Notice of Disagreement
<input type="checkbox"/>	Energy Market Trading

 Need Help?
http://www.ieso.ca/registration_help/429

Task: Assign Contact Roles

Step 14

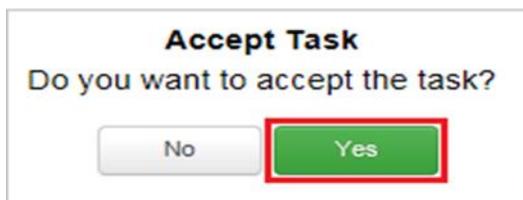
Click Tasks on the menu bar at the top of the screen.



Click Assign Contact Role(s) for <your organization> from the list of available tasks displayed on the subsequent screen.



Click Yes to confirm that you accept the task.



Note: A CMP has more mandatory contact roles than a CAP.

Step 15

Online IESO automatically determines the contact roles that apply to the CMP roles that you previously selected.

Note: Mandatory Contact Roles are the same for both organizations with a Capacity Generation Resource, and organizations with Demand Response Resources.

Select the contact role that you wish to assign (you must assign roles one-at-a-time), and click Assign Contacts.

At a minimum, one contact is required per Contact Role. If you already have pre-existing contacts assigned, then you are not required to assign any additional contacts.

Add Mandatory Contact Roles

Please assign the following contact roles, which are mandatory for this request. If the mandatory contact role(s) have already been assigned from a previous participation request there will not be any mandatory contact role to assign in the Role(s) to Assign table below.

Request Details

Request Number: 19.000
 Organization ID: 109111
 Organization: POWERTRAIL, INC.
 Request Type: Enter Market Participation
 Participation Type: CMP - MMP; CMP - Operator; CMP - Owner; CMP - RSP

Add Mandatory Contact Roles

Please assign the following contact roles, which are mandatory for this request. If the mandatory contact role(s) have already been assigned from a previous participation request there will not be any mandatory contact role to assign in the Role(s) to Assign table below.

Existing role(s) already assigned for your organization

Contact Role Name	Description	Min. Required	No. of Existing
Invoicing and Banking	Person responsible for submitting and maintaining, or approving banking information for your organization.	1	1
Prudential Requirements	Person responsible for submitting prudential information and is the point of contact for any issues regarding prudentials (margin calls, warnings and defaults) for your organization.	1	1
Emergency Preparedness Plan	Person responsible for submitting and updating the Emergency Preparedness Plan for your organization.	1	1
Dispatch Data Submitter	Person or Section responsible for submitting and/or changing the bids or offers for your organization.	1	3

Role(s) to assign

Contact Role Name	Description	Min. Required	No. of Existing
<input type="checkbox"/> Equipment Registration Specialist	Person responsible to submit attributes to their equipment, facility and resources for your organization.	1	0
<input type="checkbox"/> Revenue Metering	Person responsible for viewing the master data for registered meter installations and in-flight data submitted during a meter registration request. The Revenue Metering Contact for a transmitter organization is responsible for approving Site Registration Reports for transmission delivery points.	1	0
<input type="checkbox"/> Notice of Disagreement	Person responsible for submitting Notices of Disagreement for settlement statements for your organization.	1	0
<input type="checkbox"/> Control Room Section	Control room section for your organization.	1	0

 Need Help
<http://www.ieso.ca/registration-help/RC.5>

Assign Contacts



Step 16

The Choose Contact Type for Assignment screen is displayed – review and click By Person.

Choose Contact Type for Assignment

Please choose the appropriate assignment group to which contact roles will be assigned.

Request Details

Organization ID: 109111
Organization: POWERTRAIL INC.
Request Type: Enter Market Participation
Request Number: 19,090
Participation Type: CMP - MVP, CMP - Operator, CMP - Owner, CMP - RVP

Contact Role Details

Contact Role Name: Equipment Registration Specialist
Minimum Required: 1
Maximum Permitted: -
Contact Type: Person

By Person

Click Search for Person to search for a person registered in the IESO database.

Search for a Registered Person

Request Details

Request Number: 19090
Organization ID: 109111
Organization: POWERTRAIL INC.
Request Type: Enter Market Participation
Participation Type: CMP - MVP, CMP - Operator, CMP - Owner, CMP - RVP
Account Type: Person
Contact Role Name: Equipment Registration Specialist

Search for a Registered Person

Search for the registered person using the following search fields. Enter complete information to retrieve accurate results. At least one field must be filled in for the search. If the person is not found after a search, the person can then be registered.

Person ID
Last Name
First Name

Search for Person

Step 17

If a person is registered in the IESO database, that name appears in the Search Results via the Select Registered Person screen – select the corresponding check box, and click Next.

Select Registered Person

Request Details

Request Number: 19090
 Organization ID: 109111
 Organization: POWERTRAIL INC.
 Request Type: Enter Market Participation
 Participation Type: CMP - MMP, CMP - Operator, CMP - Owner, CMP - RMP
 Account Type: Person
 Contact Role: Equipment Registration Specialist
 Name:

Search Results

Person ID	Last Name	First Name	Preferred Name	Middle Name
<input type="checkbox"/> 2123	Ewing	Barry		
<input type="checkbox"/> 2124	Tersigni	Claude		
<input type="checkbox"/> 2125	Loveday	Gary		
<input type="checkbox"/> 2127	Branch	Terry		
<input type="checkbox"/> 2130	Olson	Brent		
<input type="checkbox"/> 181449	Fagerthal	Debra		
<input type="checkbox"/> 181659	Amos	Chris		
<input type="checkbox"/> 155819	Van Nest	Oreg		
<input type="checkbox"/> 80809	Bovin	Paul		
<input type="checkbox"/> 101289	Fraser	Pat		

1 - 10 of 5,787

If you do not see the correct person, please refine your search in the fields below.

Person ID

Last Name

First Name

Step 18

Note: If a person is not already in the IESO database, you must register that individual by clicking Register New Person, and providing their contact information.



Repeat for each contact role – once all mandatory roles have been assigned, click Done.

Register a New Person

Request Details

Request Number: 10000
Organization ID: 100111
Organization: POWERTRAIL INC.
Request Type: Enter Market Participation
Contact Role: Notice of Disagreement
Name:

Please fill in the mandatory information below. The address fields have been populated with the organization's registered address but can be modified. Please note an email will be sent to this person upon registration.

Person Information

*First Name	<input type="text"/>	*Address Line 1	3025 Alton Road North
*Last Name	<input type="text"/>	Address Line 2	<input type="text"/>
*Main Phone	<input type="text"/>	Address Line 3	<input type="text"/>
	Example: 123-456-7890	Address Line 4	<input type="text"/>
Main Phone Extension	<input type="text"/>	*City	Ottawa
	Numbers only	*Province/State	Ontario
*Main Email	<input type="text"/>		Outside Canada or USA, select N/A.
		*Postal Code/Zip Code	K1G 3S4
			Example: R3T 2T5 or 12345. If unknown, use N/A.
		*Country	Canada

 Need Help?
http://www.ieso.ca/registration_help#1.5



Step 19

After all roles are filled with the appropriate registered person(s), the Add Mandatory Contact Roles screen is displayed – click Done.

Add Mandatory Contact Roles

Please assign the following contact roles, which are mandatory for this request. If the mandatory contact role(s) have already been assigned from a previous participation request there will not be any mandatory contact role to assign in the Role(s) to Assign table below.

Request Details

Request Number: 19.090
 Organization ID: 100111
 Organization: POWERTRAIL, INC.
 Request Type: Enter Market Participation
 Participation Type: CMP - MMP, CMP - Operator, CMP - Owner, CMP - RMP

Add Mandatory Contact Roles

Please assign the following contact roles, which are mandatory for this request. If the mandatory contact role(s) have already been assigned from a previous participation request there will not be any mandatory contact role to assign in the Role(s) to Assign table below.

Existing role(s) already assigned for your organization

Contact Role Name	Description	Min. Required	No. of Existing
Equipment Registration Specialist	Person responsible to submit attributes to their equipment, facility and resources for your organization.	1	1
Invoicing and Billing	Person responsible for submitting and maintaining, or approving banking information for your organization.	1	1
Prudential Requirements	Person responsible for submitting prudential information and is the point of contact for any issues regarding prudentials (margin calls, warnings and defaults) for your organization.	1	1
Emergency Preparedness Plan	Person responsible for submitting and updating the Emergency Preparedness Plan for your organization.	1	1
Revenue Metering	Person responsible for viewing the master data for registered meter installations and in-flight data submitted during a meter registration request. The Revenue Metering Contact for a transmitter organization is responsible for approving Site Registration Reports for transmission delivery points.	1	1
Notice of Disagreement	Person responsible for submitting Notices of Disagreement for settlement statements for your organization.	1	1
Dispatch Data Submitter	Person or Section responsible for submitting and/or changing the bids or offers for your organization.	1	3
Control Room Section	Control room section for your organization.	1	1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

Role(s) to assign

Contact Role Name	Description	Min. Required	No. of Existing
No items available			

 [Need Help
http://www.ieso.ca/registration_help/42.5](http://www.ieso.ca/registration_help/42.5)

Done

Step 20

The Assign Optional Contact Roles screen is displayed – click Done.

Assign Optional Contact Roles

Please assign any desired optional contact roles with this request. Note that you can only assign contact roles that are newly accessible as a result of this enrollment request. Contact roles that are already available must be assigned through Update Organization.

Request Details

Request Number: 19-090
 Organization ID: 100111
 Organization: POWERTRAIL, INC.
 Request Type: Enter Market Participation
 Participation Type: CMP - MMP; CMP - Operator; CMP - Owner; CMP - RMP

Optional Contact Roles

The contact roles available below are only contact roles that are newly available as a result of this request. Contact roles that are already available as a result of existing participations must be updated through the "Update Organization" action. To assign these contact roles, please select "Assign Contacts". If done, select "Done".

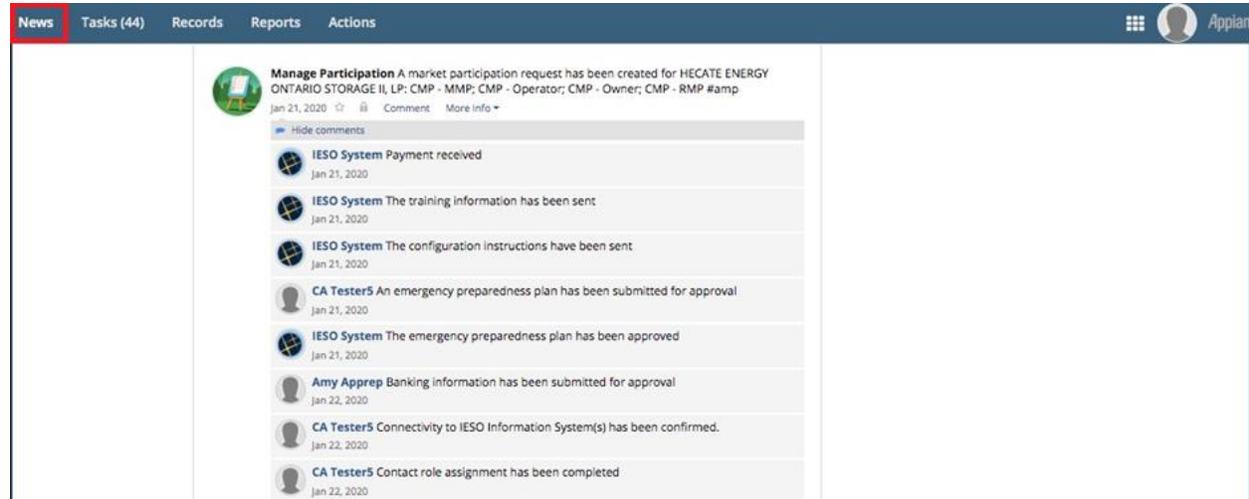
Name	For Person or Section
<input type="checkbox"/> Contributor Information Contact	Person
<input type="checkbox"/> Control Room Section	Section

[Need Help?](http://www.ieso.ca/registration/help/FAQ)
<http://www.ieso.ca/registration/help/FAQ>

Done Assign Contacts

Step 21

You can verify completion on the News screen and viewing a notification that contact roles assignment has been completed.



News Tasks (44) Records Reports Actions

Manage Participation A market participation request has been created for HECATE ENERGY ONTARIO STORAGE II, LP: CMP - MMP; CMP - Operator; CMP - Owner; CMP - RMP #amp
 Jan 21, 2020 ☆ Comment More Info

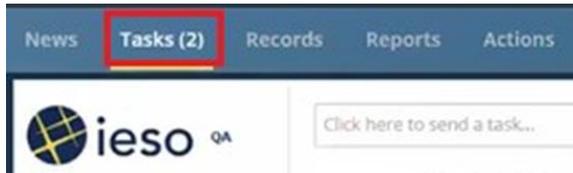
Hide comments

- IESO System** Payment received
Jan 21, 2020
- IESO System** The training information has been sent
Jan 21, 2020
- IESO System** The configuration instructions have been sent
Jan 21, 2020
- CA Tester5** An emergency preparedness plan has been submitted for approval
Jan 21, 2020
- IESO System** The emergency preparedness plan has been approved
Jan 21, 2020
- Amy Apprep** Banking information has been submitted for approval
Jan 22, 2020
- CA Tester5** Connectivity to IESO Information System(s) has been confirmed.
Jan 22, 2020
- CA Tester5** Contact role assignment has been completed
Jan 22, 2020

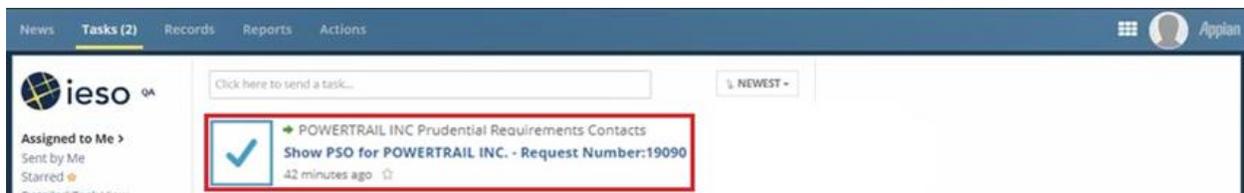
Task: Show PSO

Step 22

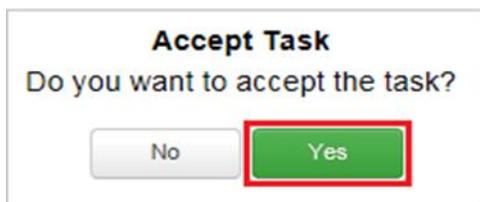
Click Tasks on the menu bar at the top of the screen.



Click Show PSO for <your organization> from the list of available tasks displayed on the subsequent screen.



Click Yes to confirm that you accept the task.



Note: This task is made available after the Prudential Requirements contact is assigned as part of Assign Contact Role(s).



Step 23

The Capacity Prudential Support Information screen is displayed - click Submit.

Capacity Prudential Support Information

This is the capacity prudential support obligation for POWERTRAIL INC.

Capacity Prudential Support Obligation

Capacity Prudential Support Obligation: \$12,650.00

Capacity Prudential Support Obligation Details

Commitment Details:

Auction Capacity (MW)	Year	Season	Zone	Type	Clearing Price
11	2019	WINTER	BRUCE	PHYSICAL	\$100.00

Total Commitment: 11
Capacity (MW):
Availability: \$25,300.00
Payment:
Business Days: 23
Capacity Support Obligation Percentage: 50
Capacity PSO Prior To Reduction: \$12,650.00
Agency Name:
Credit Rating:
Credit Rating Reduction: \$0.00
Good Payment Years: 0
Payment History Reduction: \$0.00

SUBMIT

Task: Submit PSP

Step 24

Click Tasks on the menu bar at the top of the screen.



Click Show PSO for <your organization> from the list of available tasks displayed on the subsequent screen.





Enter the required prudential support obligation amount in the Actual Amount to be Posted field, select the Payment Method from the Payment Method drop-down list (the Letter of Credit must be provided per the template), enter bank name in the Bank field, and click Submit to confirm the information submission.

News **Tasks (23)** Records Reports Actions Appian

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

Submit Capacity Prudential Support Information For DEF COMPANY

Capacity Prudential Support to be posted

Actual Amount to be Posted*

The IESO requires the letter of credit to be provided by a bank named in a Schedule to the Bank Act, S.C. 1991, C.46 with a minimum long-term credit rating of "A". Please provide the name of the bank you wish to use in order for us to verify its eligibility. In addition, we require the format be compliant with the IESO letter of credit template and recommend to email a draft to prudential@ieso.ca for review prior to couriering the original.

Payment Method *

Download Recommended Letter Of Credit Template
 Letter Of Credit Template

Bank *

Confirming Bank (If applicable) @

Comments

Capacity Prudential Support Obligation

Capacity Prudential \$560.00
 Support Obligation:

Capacity Prudential Support Obligation Details

Obligation Period 2021 SUMMER (May 1, 2021 to October 31, 2021)

Commitment Details

Zone / CAR	CAR Type	Auction Capacity (MW)	Clearing Price (\$)
+ EAST		5	

Total Auction Capacity (MW) 5	Agency Name
Availability Payment \$1,120.00	Credit Rating
Capacity Prudential Support Obligation Percentage	Credit Rating Reduction \$0.00
Capacity PSO Prior To Reduction \$560.00	Good Payment Years 0
Business Days 4	Payment History Reduction \$0.00

SUBMIT

5. How to Register/Update Virtual Demand Response Resources

The following table provides step-by-step instructions, with accompanying screen captures, describing how to register/update virtual Demand Response Resources using the Online IESO web-based registration system.





Action: Manage Resources

Step 1

Log in to the Online IESO web-based registration system using the following hyperlink:

<https://online.ieso.ca/suite/>

Enter your Username and Password, and click Sign In.

ieso

Username

Password

Remember me on this computer

[Forgot your password?](#)

[Planned IT Outages](#)

SIGN IN

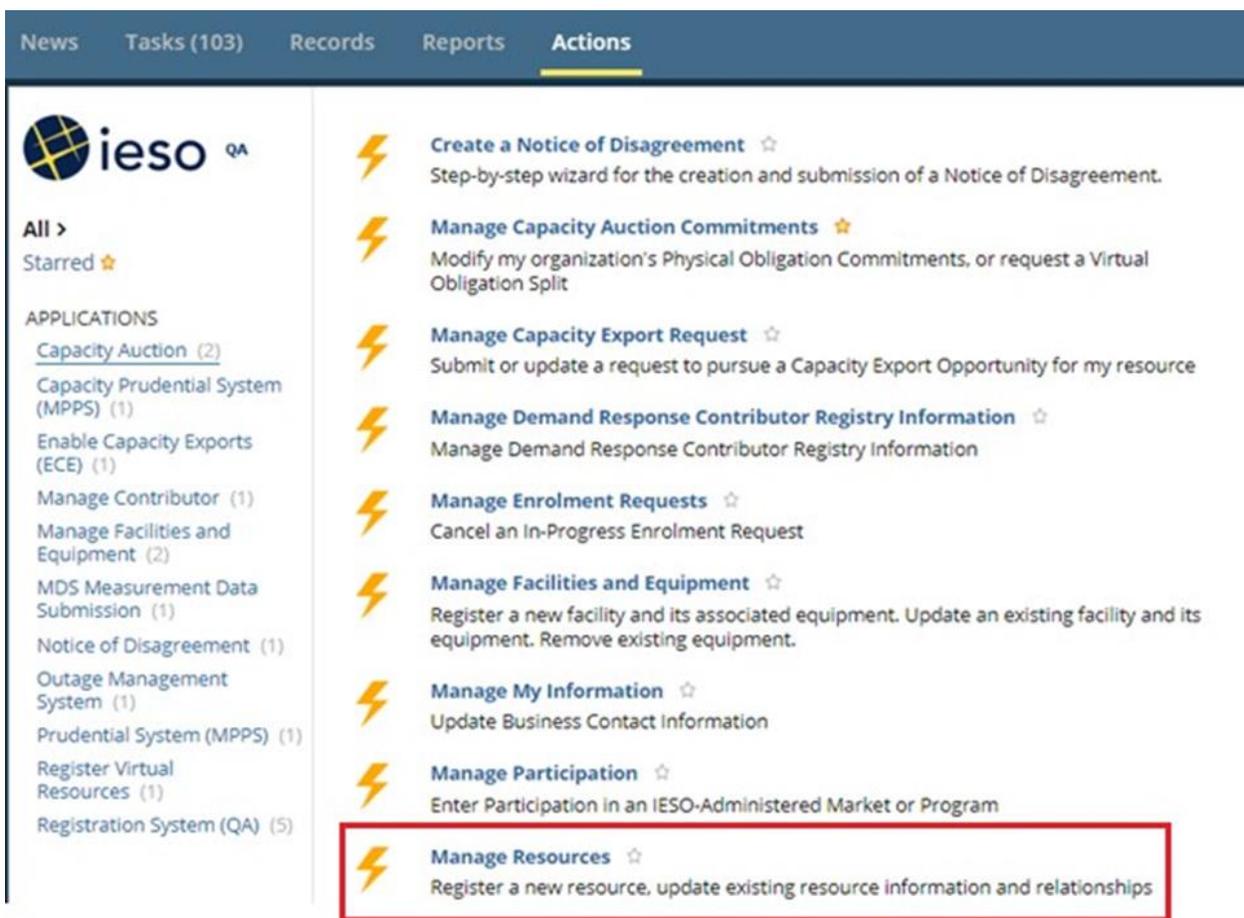
Legal Disclaimer:
Attention to Participants: This system is owned and operated by the IESO, and all use of this system is governed by the Market Rules. As a registered Participant, you have received a unique and confidential User Account and Password from the IESO to access this system and you agree to maintain their confidentiality. You specifically agree that you are exclusively responsible for all access to and any activity on this system that occurs through the use of your User Account and Password. If you become aware of any unauthorized use of your User Account or Password, you agree to immediately notify the IESO. The IESO is not liable for any loss or damage arising from any unauthorized access or use of your User Account and Password. If you do not agree with these terms and conditions, immediately advise the IESO and do not login to this system.

Step 2

Click Actions on the menu bar at the top of the screen.



Click Manage Resources from the list of available action items displayed on the subsequent screen.



Step 3

The Manage Resources screen is displayed.

Select the option button corresponding to Register Resources for Virtual Capacity Obligations, and click Next.



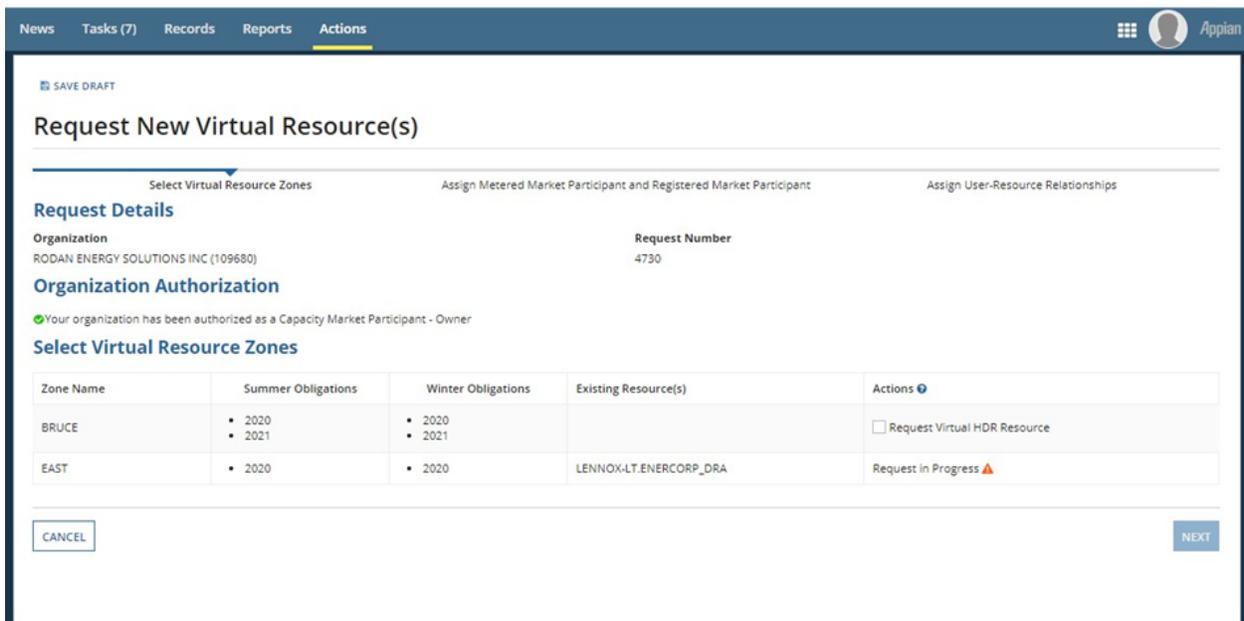
Step 4

Select the appropriate organization from the Owner Organization drop-down list, and click Next.

Step 5

The Request New Virtual Resource(s) screen is displayed.

Select the check box corresponding to the zone(s) requiring a resource, and click Next.



Step 6

Identify the Metered Market Participant (MMP), the Registered Market Participant (RMP), and the Virtual DR Resource Type for each resource, and click Submit Request.

Note: After the IESO approves the resource modelling name, another task is initiated.

News Tasks (7) Records Reports Actions
Appian

Register Virtual Resources

Select Virtual Resource Zones Assign Metered Market Participant and Registered Market Participant Assign User-Resource Relationships

Request Details

Organization: RODAN ENERGY SOLUTIONS INC (109680) Request Number: 4730

Assign Metered Market Participant (MMP) and Registered Market Participant (RMP)

Instructions

Please identify the Metered Market Participant (MMP) and Registered Market Participant (RMP) for each new virtual resource. If your organization is not fulfilling both of these roles, a task will be issued to the selected company to accept this role assignment after the IESO has reviewed your request. Once all roles have been accepted a task will be issued to each unique RMP in this request to assign user-resource relationships for their assigned resources.

BRUCE

Resource Name
BRUCE-LT.ENERCORP_DRA
Note: This is a preliminary name that will be reviewed by IESO

Demand Response Owner
RODAN ENERGY SOLUTIONS INC

Virtual DR Resource Type *

Commercial & Industrial

Residential

Metered Market Participant (MMP) *

RODAN ENERGY SOLUTIONS INC

Registered Market Participant (RMP) *

RODAN ENERGY SOLUTIONS INC

Demand Response Auction Resource Obligations

Obligation Period	Obligation (MW)
Summer 2020	4.5
Winter 2020	4.5

Capacity Auction Resource Obligations

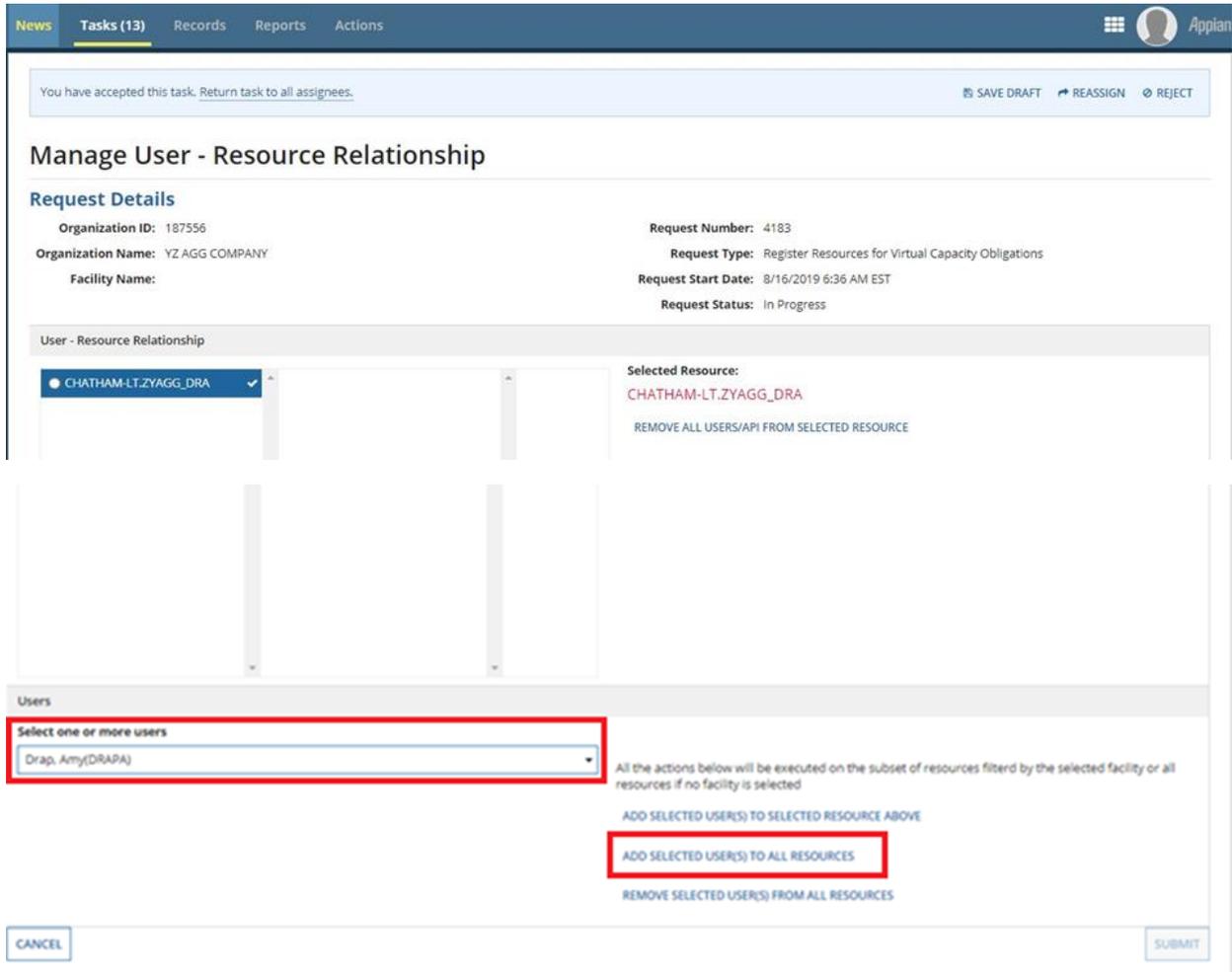
Obligation Period	CAR ID	CAR Name	CAR Type	Obligation (MW)
Summer 2021	100343	Rodan1	Virtual Hourly Demand Response - C&I	50
Winter 2021	100343	Rodan1	Virtual Hourly Demand Response - C&I	50
Summer 2021	100344	Rodan2	Virtual Hourly Demand Response - Residential	5
Winter 2021	100344	Rodan2	Virtual Hourly Demand Response - Residential	5

CANCEL
SUBMIT REQUEST

Step 7

The Manage User – Resource Relationship screen is displayed.

Select the appropriate resource(s), and click Add Selected User(s) to all Resources.



The screenshot displays the 'Manage User - Resource Relationship' interface. At the top, there is a navigation bar with 'News', 'Tasks (13)', 'Records', 'Reports', and 'Actions'. A notification bar indicates 'You have accepted this task. Return task to all assignees.' with options for 'SAVE DRAFT', 'REASSIGN', and 'REJECT'. The main content area is titled 'Manage User - Resource Relationship' and includes 'Request Details' such as Organization ID (187556), Organization Name (YZ AGG COMPANY), Facility Name, Request Number (4183), Request Type (Register Resources for Virtual Capacity Obligations), Request Start Date (8/16/2019 6:36 AM EST), and Request Status (In Progress).

The 'User - Resource Relationship' section features two dropdown menus. The left dropdown is currently set to 'CHATHAM-LT.ZYAGG_DRA'. The right dropdown is labeled 'Selected Resource:' and also shows 'CHATHAM-LT.ZYAGG_DRA'. Below these is a button labeled 'REMOVE ALL USERS/API FROM SELECTED RESOURCE'.

The 'Users' section contains a dropdown menu labeled 'Select one or more users' with 'Drap, Amy(DRAPA)' selected. This dropdown is highlighted with a red box. To the right of this dropdown is a note: 'All the actions below will be executed on the subset of resources filtered by the selected facility or all resources if no facility is selected'. Below this note are three buttons: 'ADD SELECTED USER(S) TO SELECTED RESOURCE ABOVE', 'ADD SELECTED USER(S) TO ALL RESOURCES' (highlighted with a red box), and 'REMOVE SELECTED USER(S) FROM ALL RESOURCES'. At the bottom left is a 'CANCEL' button and at the bottom right is a 'SUBMIT' button.

Step 8

Review/confirm your selection, and click Submit.

[SAVE DRAFT](#)

Manage User - Resource Relationship

Request Details

Organization ID: 187556
Organization Name: YZ AGG COMPANY
Facility Name:

Request Number: 4183
Request Type: Register Resources for Virtual Capacity Obligations
Request Start Date: 8/16/2019 6:36 AM EST
Request Status: In Progress

User - Resource Relationship

<input checked="" type="checkbox"/> CHATHAM-LT.ZYAGG_DRA	 Drop, Amy
--	---

Selected Resource:
CHATHAM-LT.ZYAGG_DRA
REMOVE ALL USERS/API FROM SELECTED RESOURCE

Users

Select one or more users

All the actions below will be executed on the subset of resources filtered by the selected facility or all resources if no facility is selected



Step 9

The Confirm User – Resource Relationship Changes screen is displayed.

Click Confirm.

Note: The IESO issues a Registration Approval Notice (RAN) after completing an assessment of the submission.

SAVE DRAFT

Confirm User - Resource Relationship Changes

Request Details

Organization ID: 187556	Request Number: 4183
Organization Name: YZ AGG COMPANY	Request Type: Register Resources for Virtual Capacity Obligations
Facility Name:	Request Start Date: 8/16/2019 6:36 AM EST
	Request Status: In Progress

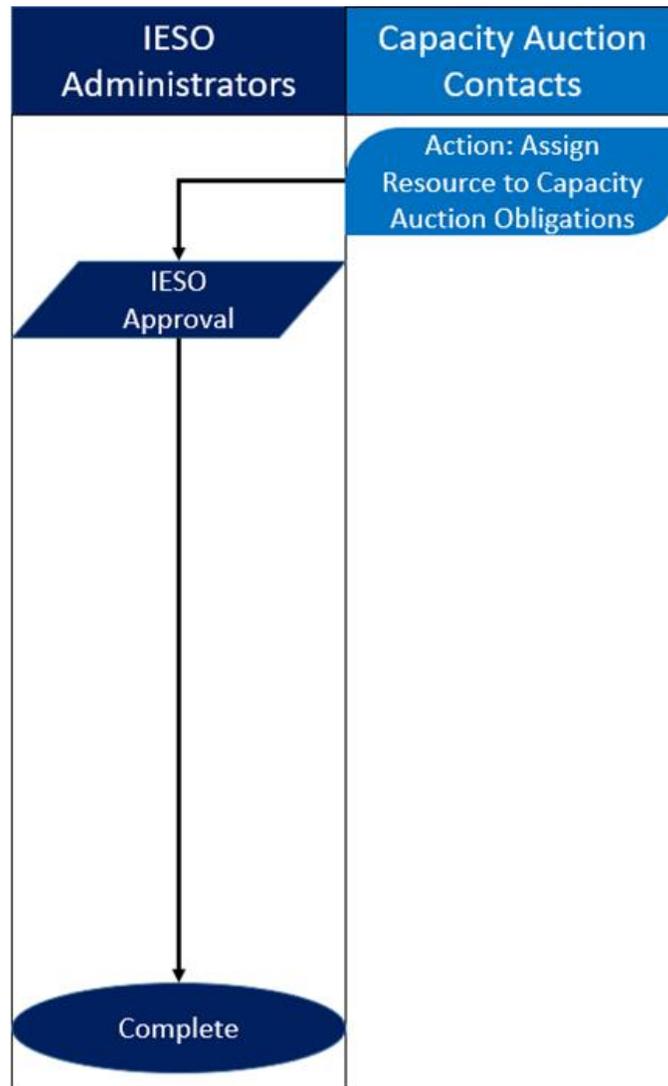
Added User/API Resource Relationship

User/API	Resource
Drap, Amy	CHATHAM-LT.ZYAGG_DRA

Removed User/API Resource Relationship

User/API	Resource
----------	----------

6. How to Assign a Resource to Capacity Obligation





Action: Assign Resource to Capacity Auction Obligations

Step 1

Log in to the Online IESO web-based registration system using the following hyperlink:

<https://online.ieso.ca/suite/>

Enter your Username and Password, and click Sign In.

ieso

Username

Password

Remember me on this computer

[Forgot your password?](#)

[Planned IT Outages](#)

SIGN IN

Legal Disclaimer:
Attention to Participants: This system is owned and operated by the IESO, and all use of this system is governed by the Market Rules. As a registered Participant, you have received a unique and confidential User Account and Password from the IESO to access this system and you agree to maintain their confidentiality. You specifically agree that you are exclusively responsible for all access to and any activity on this system that occurs through the use of your User Account and Password. If you become aware of any unauthorized use of your User Account or Password, you agree to immediately notify the IESO. The IESO is not liable for any loss or damage arising from any unauthorized access or use of your User Account and Password. If you do not agree with these terms and conditions, immediately advise the IESO and do not login to this system.

Step 2

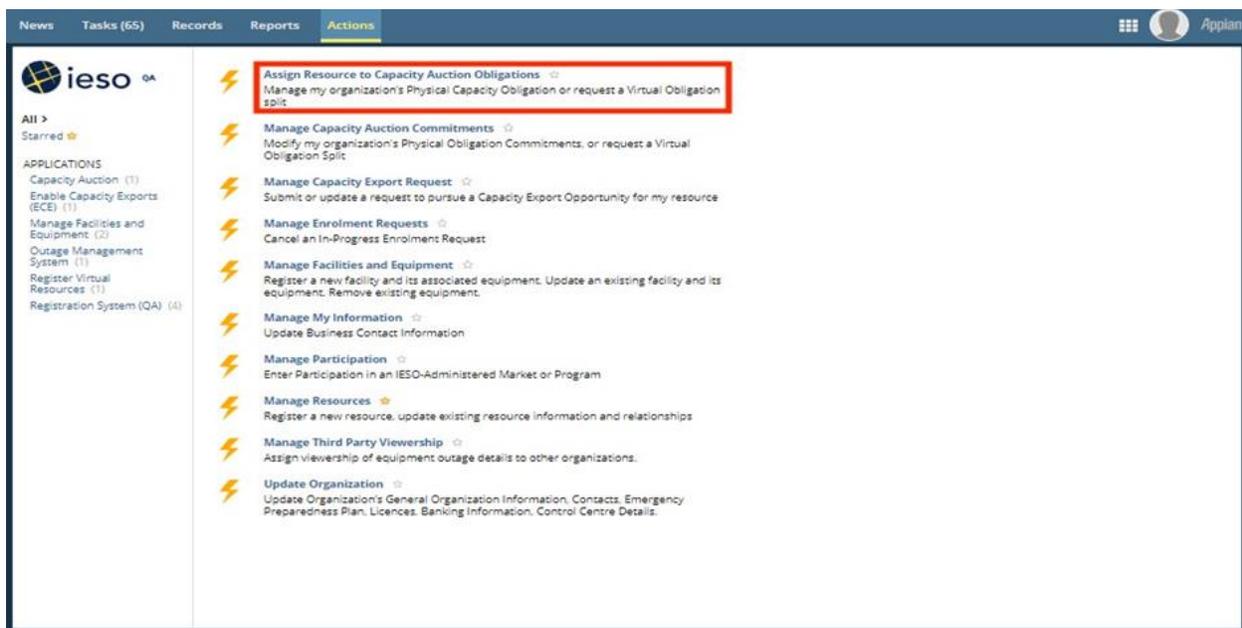
Click Actions on the menu bar at the top of the screen.



Click Assign Resource to Capacity Auction Obligation from the list of available action items displayed on the subsequent screen.

Important Note: Follow the steps indicated below, based on your resource type:

- Physical Obligations: Steps 3 – 7.
- Virtual Obligations: Steps 8– 9.

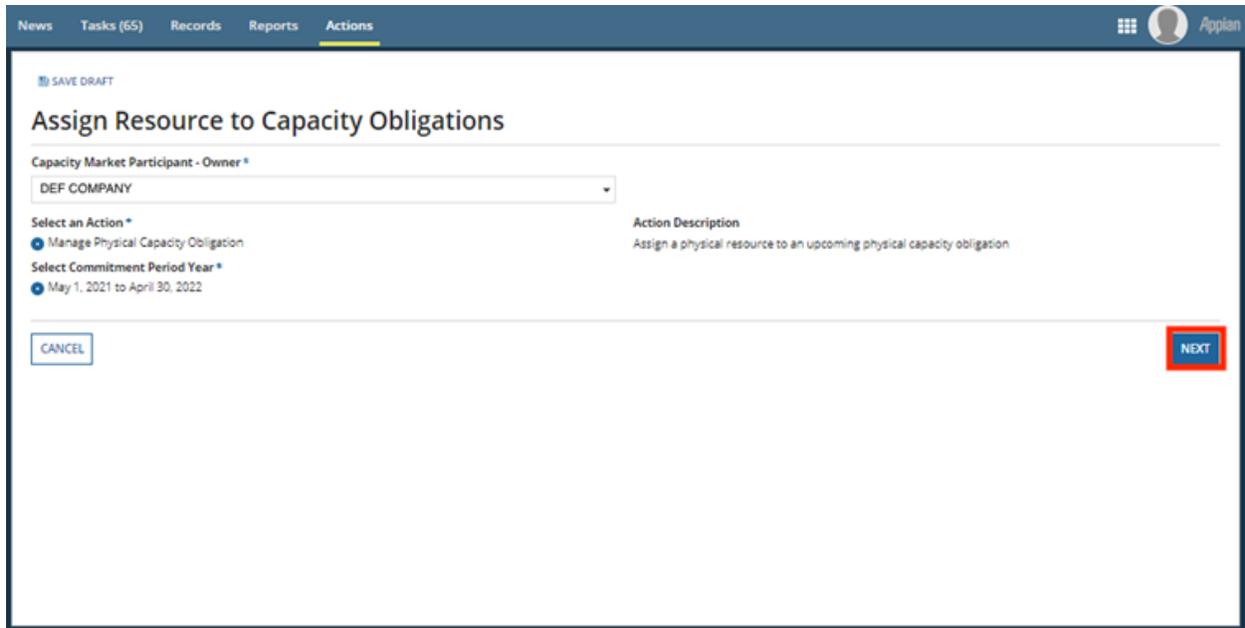


Step 3

The Assign Resource to Capacity Obligations screen is displayed.

Select the Capacity Market Participant. Online IESO will pre-select the available actions. Select the Action and Commitment Year, if needed.

Click Next.



The screenshot shows a web application interface with a dark blue header. The header contains navigation links: 'News', 'Tasks (65)', 'Records', 'Reports', and 'Actions' (which is highlighted with a yellow underline). On the right side of the header, there is a user profile icon labeled 'Appian'. Below the header, the main content area has a white background. At the top left of this area, there is a 'SAVE DRAFT' button. The main title is 'Assign Resource to Capacity Obligations'. Below the title, there is a dropdown menu for 'Capacity Market Participant - Owner *' with 'DEF COMPANY' selected. To the right of this dropdown is an 'Action Description' section with the text 'Assign a physical resource to an upcoming physical capacity obligation'. Below the dropdown, there are two sections: 'Select an Action *' with a radio button selected for 'Manage Physical Capacity Obligation', and 'Select Commitment Period Year *' with a radio button selected for 'May 1, 2021 to April 30, 2022'. At the bottom of the form, there are two buttons: 'CANCEL' on the left and 'NEXT' on the right, which is highlighted with a red border.

Step 4

You will see your capacity obligations for the selected commitment period.

Choose the desired capacity obligation and click ASSIGN RESOURCE.

News Tasks (65) Records Reports Actions

 Applan

[SAVE DRAFT](#)

Assign Resource to Capacity Obligations

Please select your Capacity Auction Resource (CAR) and the resource to be assigned with the CAR. The capacity obligation of the CAR will be fulfilled with this selected resource and the Allocated Capacity of the resource will be displayed.

Organization
 DEF COMPANY(187554)

Request Number
 4574

Obligation Information by Organization (Record)

Capacity Obligations For Commitment Year 2021

Please select the Capacity Auction Resource (CAR) to assign registered resource and click Assign Resource

<input checked="" type="checkbox"/>	CAR Name	Zone	CAR Type	Capacity Obligation	Resource	Allocated Capacity	Status
<input checked="" type="checkbox"/>	HAM_LOVE (100302)	EAST	Capacity Dispatchable Load Resource	<ul style="list-style-type: none"> 2021 SUMMER 10 MW 2021 WINTER 10 MW 			

[ASSIGN RESOURCE](#)

Submission Comments

[CANCEL](#)
[SUBMIT](#)

Step 5

Your available resources will be shown. Select one resource that will satisfy the capacity obligation and click ADD RESOURCE ASSIGNMENT.

Click SUBMIT at the bottom of the page.

News Tasks (76) Records Reports **Actions**

SAVE DRAFT

Assign Resource to Capacity Obligations

Please select your Capacity Auction Resource (CAR) and the resource to be assigned with the CAR. The capacity obligation of the CAR will be fulfilled with this selected resource and the Allocated Capacity of the resource will be displayed.

Organization: DEF COMPANY(187554) Request Number: 4582

Obligation Information by Organization (Record)

CAR HAM_LOVE (100302) | Capacity Dispatchable Load Resource | TORONTO

Obligation Period	Capacity Obligation (MW)	Allocated Capacity (MW)
2021 SUMMER	10	
2021 WINTER	10	

Available Resources*

Please select a resource that was not available during capacity enrollment and click Add Resource Assignment

Resource	Facility
<input type="checkbox"/> Resource	
<input checked="" type="checkbox"/> PICKERINGA-LT.SS2 (101798)	PICKERING GS A (105599)

BACK TO CARS TABLE ADD RESOURCE ASSIGNMENT

Submission Comments

CANCEL SUBMIT

Step 6

Click Yes to confirm the assignment.

Are you sure you want to add the assignment of Resource PICKERINGA-LT.SS2 (101798) to CAR HAM_LOVE (100302)?

NO YES



Step 7

Upon approval, you will receive an email summarizing the resource assignment.

- This is an automated message: Do not reply to this Email Address -

The IESO has approved the capacity obligation physical resource assignment for DEF COMPANY. as part of Request #4584

CAR Name	CAR TYPE	Resource	Zone	Obligation Id	Obligation Period	Capacity Obligation (MW)	Allocated Capacity (MW)
HAM_LOVE (100302)	Capacity Dispatchable Load Resource	PICKERINGA-LT.SS2 (101798)	TORONTO	1075	2021 SUMMER	10 MW	0 MW 
				1076	2021 WINTER	10 MW	0 MW 

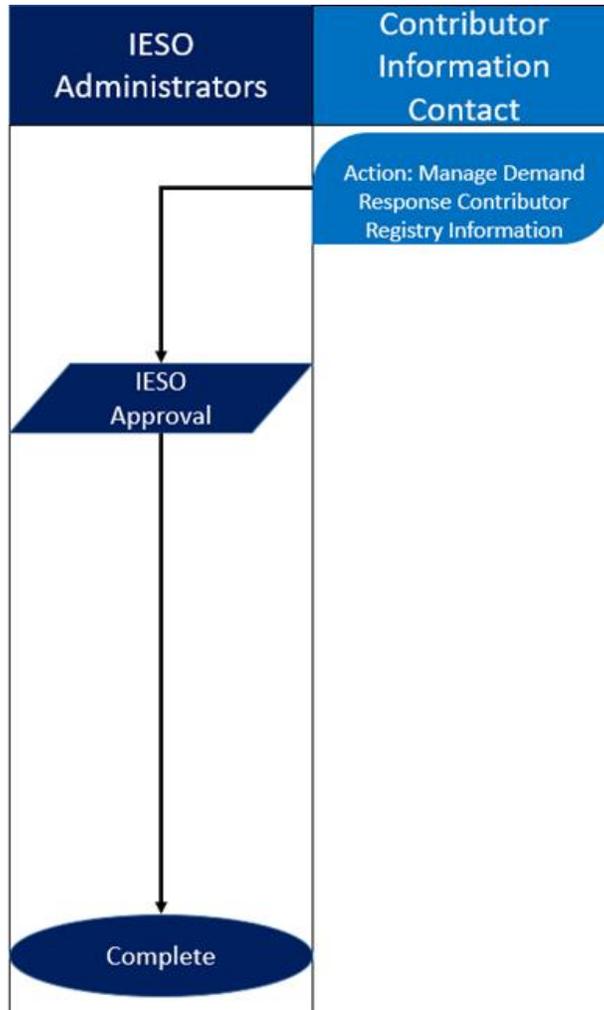
 Please note that the resource capability is lower than the capacity obligation.

Sincerely,
IESO

To
IESO Enrolment Specialist

7. How to Manage Contributors for Hourly Demand Response Resources

Note: This section is not within the scope of the Market Trial, and is provided here only for your reference. The following table provides step-by-step instructions, with accompanying screen captures, describing how to manage contributors using the Online IESO web-based registration system.





Action: Manage Demand Response Contributor Registry Information

Step 1

Log in to the Online IESO web-based registration system using the following hyperlink:

<https://online.ieso.ca/suite/>

Enter your Username and Password, and click Sign In.

ieso

Username

Password

Remember me on this computer

[Forgot your password?](#)

[Planned IT Outages](#)

SIGN IN

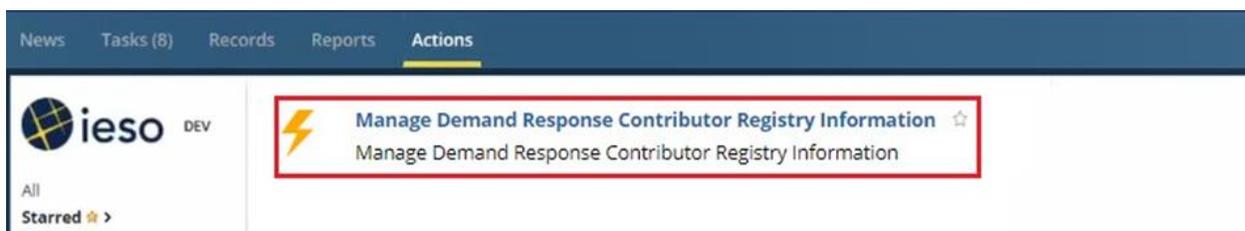
Legal Disclaimer:
Attention to Participants: This system is owned and operated by the IESO, and all use of this system is governed by the Market Rules. As a registered Participant, you have received a unique and confidential User Account and Password from the IESO to access this system and you agree to maintain their confidentiality. You specifically agree that you are exclusively responsible for all access to and any activity on this system that occurs through the use of your User Account and Password. If you become aware of any unauthorized use of your User Account or Password, you agree to immediately notify the IESO. The IESO is not liable for any loss or damage arising from any unauthorized access or use of your User Account and Password. If you do not agree with these terms and conditions, immediately advise the IESO and do not login to this system.

Step 2

Click Actions on the menu bar at the top of the screen.



Click Manage Demand Response Contributor Registry Information from the list of available action items displayed on the subsequent screen.



Note: This allows you to:

- Register new Virtual or Physical contributors to a Demand Response Resource.
- Modify or remove Virtual or Physical contributors associated to a Demand Response Resource.

Step 3

If your organization already has a request open under another resource, then the Manage Contributor Request screen is displayed.

Click Next.

Note: It is possible to cancel the request, provided that the request has not passed final approval.

Manage Contributor Request

Submit a new request or Cancel in-progress request of managing contributor.

Select an Action *	Description
<input checked="" type="radio"/> Submit a new request	Submit a new request for adding, modifying, removing contributors.
<input type="radio"/> Cancel a in-progress request	

CANCEL NEXT



Step 4

Select a Demand Response Resource from the drop- down list.

Important Note: Follow the steps indicated below, based on your resource category:

Commercial and Institutional (C&I) Resources: Steps 5 – 11.

Residential Resources: Steps 12 – 17.

Contributor Management

Request Information

Request Number

19351

Organization Name

FWRN LP

Select Demand Response Resource *

--- Select a Value ---

--- Select a Value ---

187536 - SOUTHWEST - Auction - Residential

Step 5 (C&I)

Commercial and Institutional (C&I) Resources

The screen is populated with registration data for the selected resource – click Add Virtual Contributor or Add Physical Contributor (based on your requirements).

Contributor Management - 183417 - WEST - Auction - C&I

Request Information

Request Number

19355

Organization Name

ENERGY ABC

Resource Id

183417

Resource Name

CHATHAM-LT.ENERGYABC_DRA

Timelines for Request

Proposed Effective Date

October 1, 2019

Request Submission Deadline

September 11, 2019

Business Days Left to Submit a Completed Request

15

Select Demand Response Resource *

183417 - WEST - Auction - C&I

Resource Capacity

Capacity Obligation (MW)

14.3

Obligation Period

2019 - Summer

Total Contributors Capacity (MW)

2.000

Commitment Capacity (MW)

0

+ ADD VIRTUAL CONTRIBUTOR

+ ADD PHYSICAL CONTRIBUTOR

Contributor Registry

Id	Name	Type	Auction Capacity (MW)	DELETE
187447	Test11	VIRTUAL	2	X

BACK

SUBMIT



Step 6 (C&I)

For virtual contributors, provide details for each contributor on the form (a red asterisk indicates a mandatory item), and click Save Contributor to create virtual contributor.

Add New Virtual Contributor

Request Information

Request Number
19355

Organization Name
ENERGY ABC

Resource Id
183417

Resource Name
CHATHAM-LT.ENERGYABC_DRA

Contributor Information

Name *

LDC Name *

Address *

Premise Id *

Format: Street, City, ON, Postal Code

Load Class Type *

LDC Account Number *

Demand Response Type *

Identify Contributor participation in other IESO Demand Response Program or Energy Efficiency Initiatives? *

No
 Yes

Data Acquisition Method *

If yes, indicate which Demand Response programs or Energy Efficiency initiatives

Auction Capacity (MW) *

I have informed the host LDC that this contributor is participating in the Capacity Auction during the identified obligation period *

Format: #.### numerical value. Requirement is 3 decimal places.

Comment

Comment History

Record Of Installation

A ROI is required for each metering installation that is associated with the Premise ID (Point of delivery ID, Service Point ID, or Location ID) as indicated in the Contributor details.

Number of Meter Installations *

ROI ID	ROI File	Description
No items available		

The number of ROIs does not match the number of Meter Installations identified above.

+ Add ROI

Single Line Diagram

A SLD submission is required when more than one metering installation is associated with the Premise ID (Point of delivery ID, Service Point ID, or Location ID) or when the Contributor is declared a Demand Response type of Behind the Meter Generator as indicated in the Contributor details.

SLD ID	SLD File	Description
No items available		

Behind the Meter Generator

A BMG is required when the Contributor is declared a Demand Response type of Behind the Meter Generator.

ID	Model Number	Name Plate Capacity (MW)	Fuel Type	Load Following
No items available				

+ Add Generator

BACK

SAVE CONTRIBUTOR



Step 7 (C&I)

For physical contributors, provide details for each contributor on the form (a red asterisk indicates a mandatory item).

Note: If the resource ID type is invalid, the system will check and return the following error message:

“Error: NDL Resource ID not available where one or more parameters are not valid: (1) NDL Resource ID has already been registered as a physical contributor (2) Associated NDL metering installation active for less than two months. (3) Resource ID not fully registered as an NDL.”

Click Save, and then to complete the submission, select Click Here to Finish Submission.

Add New Physical Contributor

Request Information

Request Number 19355	Resource Id 183417
Organization Name ENERGY ABC	Resource Name CHATHAM-LT.ENERGYABC_DRA

Contributor Details

NDL Resource Id *

NDL Resource Capacity (MW) *

Comments

[CANCEL](#) [SAVE](#)

Error: NDL Resource ID not available where one or more parameters are not valid: (1) NDL Resource ID has already been registered as a physical contributor (2) Associated NDL metering installation active for less than two months. (3) Resource ID not fully registered as an NDL.

Submit Request - Confirmation

Request Information

Request Number 19355	Resource Id 183417
Organization Name ENERGY ABC	Resource Name CHATHAM-LT.ENERGYABC_DRA

Request has been submitted successfully

[CLICK HERE TO FINISH SUBMISSION](#)



Step 8 C&I)

Upon completing the forms, you can view added contributor(s) on the Contributor Management screen in the New Contributors Added section, and then click Submit.

Contributor Management - 183417 - WEST - Auction - C&I

Request Information

Request Number
19358

Organization Name
ENERGY ABC

Resource Id
183417

Resource Name
CHATHAM-LT.ENERGYABC_DRA

Timelines for Request

Proposed Effective Date
October 1, 2019

Request Submission Deadline
September 11, 2019

Business Days Left to Submit a Completed Request
15

Selected Demand Response Resource

183417 - WEST - Auction - C&I

Resource Capacity

Capacity Obligation (MW)
14.3

Obligation Period
2019 - Summer

+ ADD VIRTUAL CONTRIBUTOR

Total Contributors Capacity (MW)
14,300

Commitment Capacity (MW)
0

+ ADD PHYSICAL CONTRIBUTOR

New Contributors Added

Id	Name	Type	Auction Capacity (MW)	Status	NDL Status	DELETE
187656	test2	VIRTUAL	12.3	PENDING		X

Contributor Registry

Id	Name	Type	Auction Capacity (MW)	DELETE
187447	Test11	VIRTUAL	2	X

BACK

SUBMIT



Step 9 (C&I)

An email confirmation notification is sent.

Subject: Contributor Management Notification (May 2017) - 151578 - WEST - Auction - COMPANY ABC

- This is an automated message: Do not reply to this Email Address -

An SRR has been implemented and uploaded into IESO systems for the following Demand Response Resource:

Request Number:	55715
Organization Name:	Company ABC
Resource ID:	151578
Resource Name:	CHATHAM-LT.COMPANY-ABC_DRA
SRR Effective Date:	February 28, 2017
Virtual Meter ID:	DRA1000033780
Virtual Meter Effective Date:	May 1, 2017
Affected NDL Resources:	
Contributor Total MW:	2.536
Capacity Obligation MW:	2.5

Additional IESO Comments:

This notification indicates IESO has successfully implemented all approved contributor registrations and a new virtual ID has been created. Please use the virtual meter details to submit measurement data submissions.

Please follow this [link](#) to log-in to Online IESO. The SRR is available under: Reports > Manage Contributor - Demand Response Contributors Report.



Step 10 (C&I)

Click the Reports tab, and select Demand Response – Contributors Report to view the Registered Active Contributors list for each zone/Demand Response Resource by month.

The screenshot shows the IESO web interface. At the top, there are navigation tabs: News, Tasks (104), Records, Reports (highlighted), and Actions. Below the tabs is a search bar labeled 'Search reports'. To the right, there are two report cards. The first card is titled 'Demand Response - Contributor Tracking Report' with a sub-link 'Manage Contributor Request / Task Report'. The second card is titled 'Demand Response - Contributors Report' with a sub-link 'Manage Contributor - Demand Response Contributors Report'. This second card is enclosed in a red rectangular box.

Note: You can view your Site Registration Report (SRR) by clicking the hyperlinks at the bottom of the screen.

Select Export Results to Excel to export the Contributors Report to Excel.

The Contributors Report is now available for download as an Excel workbook.

Demand Response - Contributors Report

Select Year: 2020 | Select Report Month: September

[Export Contributor Data to Excel](#)

FWRN LP - Contributor Registry as of September, 01, 2020

Contributor ID ↑	Zone	Registered Contributor Name	Contributor MW's	Resource ID	NDL Resource ID	Virtual Meter Point ID	Contributor Type	Effective Date	Record End Date
187543	SOUTHWEST	MIDDLEPORT-LT.FWRNLP_DRA	20.000	187536		DRAC1000034170	RESIDENTIAL	9/1/2019	9/30/2019
187543	SOUTHWEST	MIDDLEPORT-LT.FWRNLP_DRA	20.000	187536		DRAT1000034170	RESIDENTIAL	9/1/2019	9/30/2019

Zone Totals as of September, 01, 2020

Zone	Total Contributor MW's	Obligation MW's
SOUTHWEST	12.000	
ZONE TOTAL	12.000	0

FWRN LP - DR Resource Active SRR's as of September, 01, 2020

Resource Id	Zone	SRR File	SRR Effective Date	SRR End Date
187540	SOUTHWEST	MIDDLEPORT-LT.FWRNLP2_DRA_SRR_187540_20190808_v1	9/1/2019	12/31/5000

Active Residential Contributor Document's are NOT found for September, 01, 2020

[EXPORT RESULTS TO EXCEL](#)



Step 11 (C&I)

Click the desired Site Registration Report (SRR), and use the pop-up on the screen to download the file.

COMPANY ABC - DR Resource Active SRR's as of April, 01, 2016

Resource Id	Zone	SRR File	SRR Effective Date	SRR End Date
140208	EAST	LENNOX-LT.COMPANY-ABC_DRA_SRR_140208_20160330_v1	4/1/2016	8/3/2016

Step 12 (Res)

Residential Resources

The Contributor Management screen is populated with registration data for the selected resource – click Add Monthly Residential Contributor Group.

Contributor Management - 187536 - SOUTHWEST - Auction - Residential

Request Information

Request Number 19351	Resource Id 187536
Organization Name FWRN LP	Resource Name MIDDLEPORT-LT.FWRNLP_DRA

Timelines for Request

Proposed Effective Date October 1, 2019	Business Days Left to Submit a Completed Request 15
Request Submission Deadline September 11, 2019	

Selected Demand Response Resource

187536 - SOUTHWEST - Auction - Residential

Resource Capacity

Capacity Obligation (MW) 30	Total Contributors Capacity (MW) 0.000
Obligation Period 2019 - Summer	Commitment Capacity (MW) 0

+ ADD MONTHLY RESIDENTIAL CONTRIBUTOR GROUP

To be Removed Contributors

Id	Name	Type	Auction Capacity (MW)	Status	# of Control Contributors	# of Treatment Contributors	DELETE
187543	MIDDLEPORT-LT.FWRNLP_DRA	RESIDENTIAL	20	PENDING	350	2	X

BACK

SUBMIT



Step 13 (Res)

Enter Contributor Details, and upload the Contributor list file.

Add New Residential Contributor

Request Information

Request Number 19351	Resource Id 187536
Organization Name FWRN LP	Resource Name MIDDLEPORT-LT.FWRNLP_DRA
Contributor Effective Month October, 2019	

Contributor Details

Treatment Contributors Capacity (MW) *

Number of Treatment Contributors *

Number of Control Contributors *

Residential Contributor Management Registration Template

Please click the link above to download the excel template.

Select file to upload *

 RES Contributor Management Registration Test
XLSX - 28.18 KB

File format limited to Microsoft Excel (.xls or .xlsx)

Comments

CANCEL

SAVE

Click Save to create the new Residential Contributor.

Contributor List format:

A	B	C	D
Contributor Address	LDC Name	LDC Account#	Control Group Flag (Y/N)



Step 14 (Res)

Upon completing the forms, you can view added contributor(s) on the Contributor Management screen in the New Contributors Added section.

Contributor Management - 187536 - SOUTHWEST - Auction - Residential

Request Information

Request Number
19351

Organization Name
FWRN LP

Timelines for Request

Proposed Effective Date
October 1, 2019

Request Submission Deadline
September 11, 2019

Resource Id
187536

Resource Name
MIDDLEPORT-LT.FWRNLP_DRA

Business Days Left to Submit a Completed Request
15

Selected Demand Response Resource

187536 - SOUTHWEST - Auction - Residential

Resource Capacity

Capacity Obligation (MW)
30

Obligation Period
2019 - Summer

Total Contributors Capacity (MW)
30,000

Commitment Capacity (MW)
0

New Contributors Added

Id	Name	Type	Auction Capacity (MW)	Status	# of Control Contributors	# of Treatment Contributors	DELETE
187651	MIDDLEPORT-LT.FWRNLP_DRA	RESIDENTIAL	30	PENDING	400	200	X

To be Removed Contributors

Id	Name	Type	Auction Capacity (MW)	Status	# of Control Contributors	# of Treatment Contributors	DELETE
187543	MIDDLEPORT-LT.FWRNLP_DRA	RESIDENTIAL	20	PENDING	350	2	X

BACK

SUBMIT

Click Submit, and then to complete the submission select Click Here to Finish Submission.

Submit Request - Confirmation

Request Information

Request Number
19351

Organization Name
FWRN LP

Contributor Effective Month
October, 2019

Request has been submitted successfully

Resource Id
187536

Resource Name
MIDDLEPORT-LT.FWRNLP_DRA

CLICK HERE TO FINISH SUBMISSION



Step 15 (Res)

An email confirmation notification is sent.

Subject: Contributor Management Notification (October 1, 2019) - 187536 - SOUTHWEST - Auction - Residential - FWRN LP

- This is an automated message: Do not reply to this Email Address -

Monthly Residential Contributor has been registered in IESO systems for the following Demand Response Resource:

Request Number: 19351
Organization Name: FWRN LP
Resource ID: 187536
Resource Name: MIDDLEPORT-LT.FWRNLP_DRA

Virtual Meter ID: DRAC1000034190, DRAT1000034190
Virtual Meter Effective Date: October 1, 2019 - October 31, 2019
Number of Control Contributors: 350
Number of Treatment Contributors: 2

Contributor Total MW: 30
Capacity Obligation (MW): 30

Additional IESO Comments:

This notification indicates IESO has successfully implemented all approved contributor registrations and a new virtual ID has been created. Please use the virtual meter details to submit measurement data submissions.



Step 16 (Res)

Click the Reports tab, and select Demand Response – Contributors Report to view the registered active contributors list for each zone/Demand Response Resource by month.

The screenshot shows the IESO web interface. At the top, there are navigation tabs: News, Tasks (104), Records, Reports (highlighted), and Actions. Below the tabs, there's a search bar for reports. On the right, there are two report options: 'Demand Response - Contributor Tracking Report' and 'Demand Response - Contributors Report'. The second option is highlighted with a red rectangular box.

Note: Select Export Results to Excel to export the Contributors Report to Excel.

The Contributors Report is now available for download as an Excel workbook.

Demand Response - Contributors Report

Select Year: Select Report Month:

[Export Contributor Data to Excel](#)

FWRN LP - Contributor Registry as of September, 01, 2020

Contributor ID ↑	Zone	Registered Contributor Name	Contributor MW's	Resource ID	NDL Resource ID	Virtual Meter Point ID	Contributor Type	Effective Date	Record End Date
187543	SOUTHWEST	MIDDLEPORT-LT.FWRNLP_DRA	20.000	187536		DRAC1000034170	RESIDENTIAL	9/1/2019	9/30/2019
187543	SOUTHWEST	MIDDLEPORT-LT.FWRNLP_DRA	20.000	187536		DRAT1000034170	RESIDENTIAL	9/1/2019	9/30/2019

Zone Totals as of September, 01, 2020

Zone	Total Contributor MW's	Obligation MW's
SOUTHWEST	12.000	
ZONE TOTAL	12.000	0

FWRN LP - DR Resource Active SRR's as of September, 01, 2020

Resource Id	Zone	SRR File	SRR Effective Date	SRR End Date
187540	SOUTHWEST	MIDDLEPORT-LT.FWRNLP2_DRA_SRR_187540_20190808_v1	9/1/2019	12/31/5000

Active Residential Contributor Document's are NOT found for September, 01, 2020

[EXPORT RESULTS TO EXCEL](#)

Step 17 (Res)

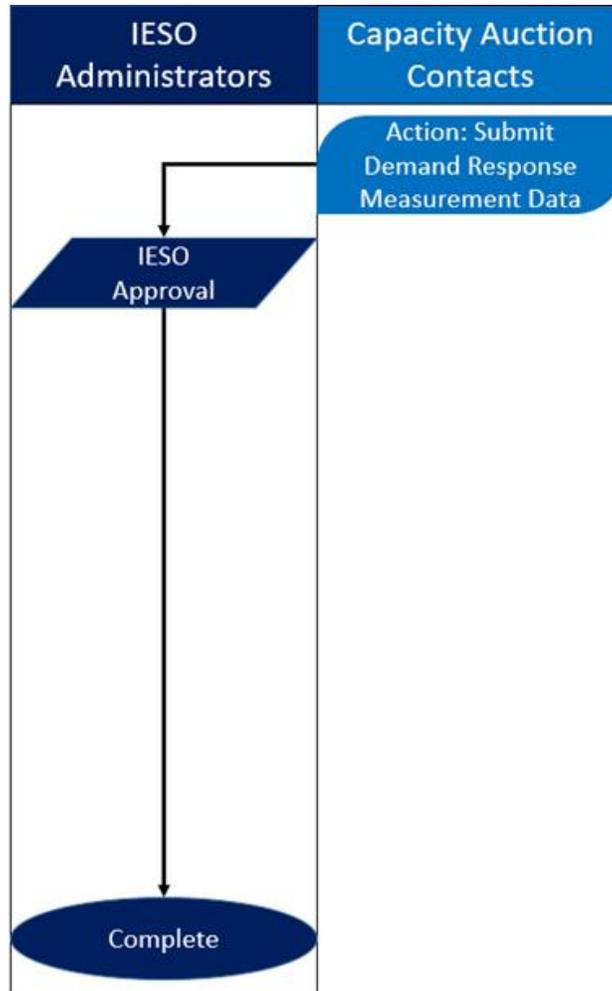
Click the desired Residential Contributor File, and use the pop-up on the screen to download the file.

ENERGY ABC - Residential Contributor Document's as of May, 01, 2017

Resource Id	Zone	Residential Contributor File	Effective Date	End Date
143357	WEST	CHATHAM-LT.ENERGY-ABC_DRA_RES_143357_20170501_v1	5/1/2017	5/31/2017

8. How to Submit Demand Response Measurement Data

Note: This section is not within the scope of the Market Trial, and is provided here only for your reference. Please note that the following instructions are subject to change prior to the May 1, 2020 Commitment Period. The following table provides step-by-step instructions, with accompanying screen captures, describing how to submit demand response measurement data using the Online IESO web-based registration system.





Action: Submit Demand Response Measurement Data

Step 1

Log in to the Online IESO web-based registration system using the following hyperlink:

<https://online.ieso.ca/suite/>

Enter your Username and Password, and click Sign In.

ieso

Username

Password

Remember me on this computer

[Forgot your password?](#)

[Planned IT Outages](#)

SIGN IN

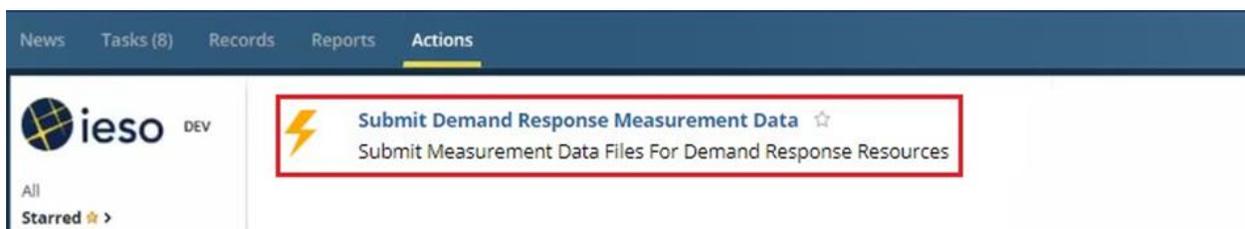
Legal Disclaimer:
Attention to Participants: This system is owned and operated by the IESO, and all use of this system is governed by the Market Rules. As a registered Participant, you have received a unique and confidential User Account and Password from the IESO to access this system and you agree to maintain their confidentiality. You specifically agree that you are exclusively responsible for all access to and any activity on this system that occurs through the use of your User Account and Password. If you become aware of any unauthorized use of your User Account or Password, you agree to immediately notify the IESO. The IESO is not liable for any loss or damage arising from any unauthorized access or use of your User Account and Password. If you do not agree with these terms and conditions, immediately advise the IESO and do not login to this system.

Step 2

Click Actions on the menu bar at the top of the screen.



Click Submit Demand Response Measurement Data from the list of available action items displayed on the subsequent screen.



Note: This allows you to submit Virtual Measurement data with a virtual meter point ID associated to a Demand Response Resource.

Step 3

Select a Demand Response Resource from the drop-down list.

Important Note: Follow the steps indicated below, based on your resource category:

Commercial and Institutional (C&I) Resources: Steps 4 – 10.

Residential Resources: Steps 11 – 15.

Submit Demand Response Measurement Data

Request Information

Request Number 19112	Meter Point ID DRA1000033970
Organization Name ENERGY ABC	SRR Effective Date 4/1/2017
Resource Id 183416	Resource Name CHERRYWOOD-LT.ENERGYABC_DRA
Obligation Period 2019 - Summer	Submission Due Date August 23, 2019

Select Demand Response Resource*

183416 - TORONTO - Auction - C&I

Three Month Measurement Data File Required - May 2019; June 2019; July 2019

Select file to upload*

UPLOAD

Please choose file format of CSV (Comma Separated Values) only.

BACK

VALIDATE



Step 4 (C&I)

Commercial and Institutional (C&I) Resources

The screen is populated with registration data for the selected resource – click Upload to locate and upload a measurement data file (in CSV format only).

Note: The system will indicate the data required in the measurement submission (i.e., months of interest).

Submit Demand Response Measurement Data

Request Information

Request Number 19112	Meter Point ID DRA1000033970
Organization Name ENERGY ABC	SRR Effective Date 4/1/2017
Resource Id 183416	Resource Name CHERRYWOOD-LT.ENERGYABC_DRA
Obligation Period 2019 - Summer	Submission Due Date August 23, 2019

Select Demand Response Resource *

183416 - TORONTO - Auction - C&I

Three Month Measurement Data File Required - May 2019; June 2019; July 2019

Select file to upload *

UPLOAD Drop file here

Please choose file format of CSV (Comma Separated Values) only.

BACK

VALIDATE



Step 5 (C&I)

Click Validate.

The screen is populated with the results when the validation process is complete.

Note: This example is a passed validation.

Important Note: The process of completing the validation for the three- month file can take up to one minute because of the number of records. Do not navigate away from the screen during this time.

Validate and Confirm Measurement Data For 183416 - CHERRYWOOD-LT.ENERGYABC_DRA

Request Information

Request Number 19112	Meter Point ID DRA100003970
Organization Name ENERGY ABC	SRR Effective Date 4/1/2017
Resource ID 183416	Resource Name CHERRYWOOD-LT.ENERGYABC_DRA
Obligation Period ⓘ 2019 - Summer	Submission Due Date August 23, 2019

Validation Details

Uploaded Measurement Data File
DRA_MDS_Test.csv
Three Month Measurement Data File Required - May 2019; June 2019; July 2019

Passed Validation

Comments

CANCEL

VALIDATE SUBMIT



Step 6 (C&I)

The screen is populated with results when the validation process is complete.

Note: This example is a failed validation. In this example, the number of records did not match what was expected (i.e., uploaded the wrong month).

Validate and Confirm Measurement Data For 183416 - CHERRYWOOD-LT.ENERGYABC_DRA

Request Information

Request Number 19112	Meter Point ID DRA1000033970
Organization Name ENERGY ABC	SRR Effective Date 4/1/2017
Resource ID 183416	Resource Name CHERRYWOOD-LT.ENERGYABC_DRA
Obligation Period 2019 - Summer	Submission Due Date August 23, 2019

Validation Details

Uploaded Measurement Data File
DRA_MD5_Test.csv

Failed Validation

Three Month Measurement Data File Required - May 2019; June 2019; July 2019

The number of records in uploaded file does not match the expected records.

Required Number of Records: 26496
Number of Records in Uploaded File: 26497

Select revised file to upload *

UPLOAD

CANCEL

VALIDATE SUBMIT



Step 7 (C&I)

The screen is populated with results when the validation process is complete.

Note: This example is a failed validation.

This example shows an incorrect date format, time format not complete, and negative values in channel 1 or values in channel 2.

Validate and Confirm Measurement Data For 183416 - CHERRYWOOD-LT.ENERGYABC_DRA

Request Information

Request Number 19112	Meter Point ID DRA1000033970
Organization Name ENERGY ABC	SRR Effective Date 4/1/2017
Resource ID 183416	Resource Name CHERRYWOOD-LT.ENERGYABC_DRA
Obligation Period 2019 - Summer	Submission Due Date August 23, 2019

Validation Details

Uploaded Measurement Data File
DRA_MDS_Test.csv

Failed Validation

Three Month Measurement Data File Required - May 2019; June 2019; July 2019

Please find following errors by line # and fix them, then upload and validate it again.

LINE #	DATE	TIME	CH1	CH2
20	2019/05/01	01:30:00	73.8	1
35	2019/05/01	x	75.2	0
43	2019/05/01	03:25:00	-1	0
26490	2019/13/05	2019/13/05	76.4	0

Select revised file to upload *

UPLOAD Drop file here

CANCEL

VALIDATE SUBMIT



Step 8 (C&I)

A confirmation page is displayed after the file has been successfully validated.

Click Finish to complete the process.

Confirmed Measurement Data For 183416 - CHERRYWOOD-LT.ENERGYABC_DRA

Request Information

Request Number 19112	Meter Point ID DRA1000033970
Organization Name ENERGY ABC	SRR Effective Date 4/1/2017
Resource ID 183416	Resource Name CHERRYWOOD-LT.ENERGYABC_DRA
Obligation Period 2019 - Summer	Submission Due Date August 23, 2019

Your Measurement Data has been submitted successfully.



Step 9 (C&I)

An email confirmation notification is sent after the IESO has implemented and approved the measurement data submission.

- This is an automated message: Do not reply to this Email Address -

A Measurement Data File has been received, reviewed, approved and uploaded into IESO systems for the following Demand Response Resource:

Request Number: 14299
Organization Name: [REDACTED]
Resource ID: 140097
Resource Name: [REDACTED]
Submitted Date: May 12, 2016
Virtual Meter ID: [REDACTED]
Measurement Data Coverage: February 2016; March 2016; April 2016

This notification indicates IESO has successfully received measurement data submissions.

IESO



Step 10 (C&I)

To view measurement submissions for each zone/DR resource by month, select DR Auction Measurement Data Submission Report in the Reports tab.

Note: You can view all the details of your submissions for any previous month.

Select Export Results to Excel to export the Contributors Report to Excel.

The Contributors Report is now available for download as an Excel workbook.

Demand Response - Measurement Data Submission Report

Report Filters:

Submission Year: DRMP Name:

Effective Submission Month:

*Note: "Obligation Period" refers to each of the two six-month seasonal periods, the same as seasonal commitment period defined in the Demand Response Auction. In the Transitional Capacity Auction, the term "Commitment Period" refers to the entire length of time (i.e. 1 year) over which each auction commits capacity.

DRMP Name	Zone Name	Resource ID	Resource Name	Virtual Meter Point ID	SRR Effective Date	Measurement File Type	Final Status	Submission Date	Re-Submission Date	Obligation Id	Obligation Period*	Effective submission date
ENERGY ABC	TORONTO	183416	CHERRYWOOD-LT.ENERGYABC_DRA	DRA1000033970	4/1/2017	Three Month	Not Submitted				SUMMER 2019	5/1/2019
ENERGY ABC	TORONTO	183423	LAKEHEAD-LT.NRGCS_DRA	DRAC1000033920	11/1/2018	N/A	Not Submitted				SUMMER 2019	5/1/2019

[EXPORT RESULTS TO EXCEL](#)

Step 11 (Res)

Residential Resources

The screen is populated with registration data for the selected resource. The system indicates the data required in the measurement submission (i.e., days of activation).

Click Browse to upload both the treatment group and control group data file (they must be in CSV format), and then click Validate.



The screenshot shows the 'Submit Demand Response Measurement Data' page in the IESO system. The page includes a navigation bar with 'News', 'Tasks (32)', 'Records', 'Reports', and 'Actions'. The user 'Amy Drap' is logged in. The form contains the following fields and sections:

- Request Information:**
 - Request Number: 15418
 - Organization Name: Company ABC
 - Resource Id: 142450
 - Obligation Period: 2017 - Summer
- Meter Point IDs:** DRAT4243178740, DRAC4243178740
- Resource Name:** ALLANBURG-LT.COMPANY-ABC_DRA
- Submission Due Date:** June 23, 2017
- Select Demand Response Resource:** 142450 - NIAGARA - Auction - Residential
- Measurement Data Files Required:** May 10, 2017; May 20, 2017
- File Uploads:** Two 'Browse...' buttons for uploading CSV files for DRAT4243178740 and DRAC4243178740.
- Buttons:** 'Back' and 'Validate' buttons.

Step 12 (Res)

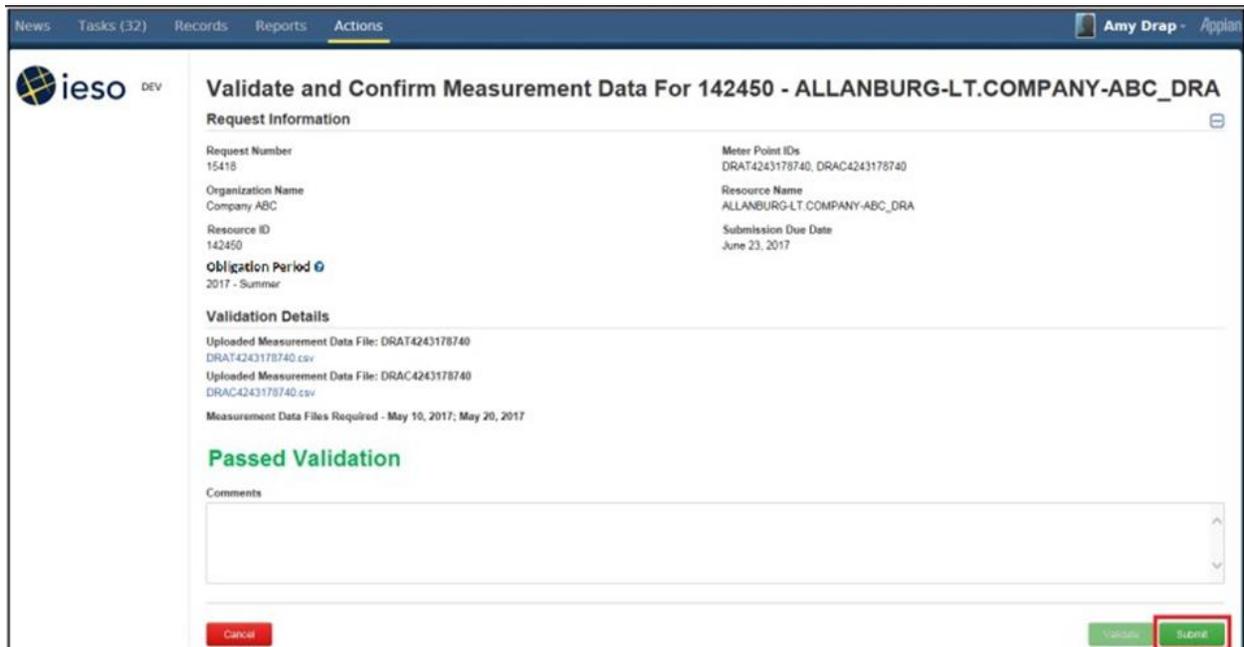
The screen is populated with results when the validation process is complete.

Note: This example is a passed validation.

The validation will check:

- That the file format meets requirements.
- That data is only submitted for the activation days.

Specific errors will be identified if the data does not pass validation.



The screenshot shows a web application interface for IESO. The top navigation bar includes 'News', 'Tasks (32)', 'Records', 'Reports', and 'Actions'. The user is logged in as 'Amy Drap'. The main content area is titled 'Validate and Confirm Measurement Data For 142450 - ALLANBURG-LT.COMPANY-ABC_DRA'. Below the title, there is a 'Request Information' section with the following details:

Request Number: 15418	Meter Point IDs: DRAT4243178740, DRAC4243178740
Organization Name: Company ABC	Resource Name: ALLANBURG-LT.COMPANY-ABC_DRA
Resource ID: 142450	Submission Due Date: June 23, 2017

Below this, the 'Obligation Period' is listed as '2017 - Summer'. The 'Validation Details' section shows two uploaded measurement data files: 'DRAT4243178740.DRAT4243178740.csv' and 'DRAC4243178740.DRAC4243178740.csv'. It also notes that measurement data files are required for May 10, 2017, and May 20, 2017. A large green banner indicates 'Passed Validation'. There is a 'Comments' section with a text area. At the bottom, there are three buttons: 'Cancel', 'Refresh', and 'Submit' (highlighted with a red box).

Step 13 (Res)

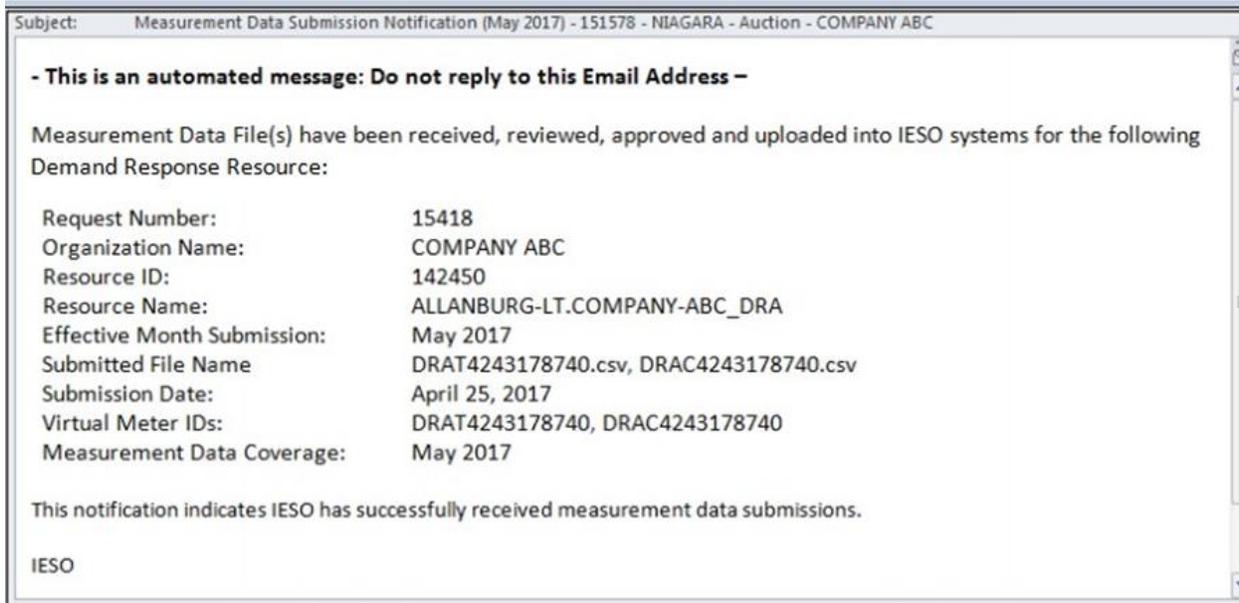
A confirmation page is displayed after the file has been successfully validated.

Click Finish to complete the process.



Step 14 (Res)

An email confirmation notification is sent after the IESO has implemented and approved the measurement data submission.



Step 15 (Res)

To view measurement submissions for each zone/Demand Response Resource by activation, select Demand Response Auction Measurement Data Submission Report in the Reports tab.

Note: You can view all the details of your submissions for any previous activations.

Select Export Results to Excel to export the Contributors Report to Excel.

The Contributors Report is now available for download as an Excel workbook.

Demand Response - Measurement Data Submission Report

Report Filters:

Submission Year: DRMP Name:

Effective Submission Month:

*Note: "Obligation Period" refers to each of the two six-month seasonal periods, the same as seasonal commitment period defined in the Demand Response Auction. In the Transitional Capacity Auction, the term "Commitment Period" refers to the entire length of time (i.e. 1 year) over which each auction commits capacity.

DRMP Name	Zone Name	Resource ID	Resource Name	Virtual Meter Point ID	SRR Effective Date	Measurement File Type	Final Status	Submission Date	Re-Submission Date	Obligation Id	Obligation Period*	Effective submission date
ENERGY ABC	TORONTO	183416	CHERRYWOOD-LT.ENERGYABC_DRA	DRA1000033970	4/1/2017	Three Month	Not Submitted				SUMMER 2019	5/1/2019
ENERGY ABC	TORONTO	183423	LAKEHEAD-LT.NRGCS_DRA	DRAC1000033920	11/1/2018	N/A	Not Submitted				SUMMER 2019	5/1/2019

[EXPORT RESULTS TO EXCEL](#)