MECT USER GUIDE

MECT User Guide
11-10-2025

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I. DISCLAIMER

The following materials have been developed for use as training materials only. These materials do not and are not intended to support, govern, or affect in any way market or other activities; other than the training for which these materials were developed. Those seeking governance or business practice guidance are urged to consult relevant sections of the MISO Tariff and Business Practice Manuals available through the MISO website.

Any data used in these materials or in training scenarios is test data developed solely for use in a test environment for training purposes. None of this data should be relied upon for any purpose other than the training for which it was developed.

Any questions related to appropriate use of these materials should be directed through a ticket in the Help Center.

1. INTRODUCTION

The objective of the MISO Module E-1 Capacity Tracking (MECT) User's Guide is to provide Market Participants (MPs) with a detailed overview of the components within the MECT tool. This document details the execution steps for each component.

This material is subject to change as the market matures.

This document assumes you are familiar with the MISO Business Practice Manuals (BPMs). Additionally, this document assumes you have fundamental MISO Market knowledge, while building upon that knowledge to interact with the MECT application. This reference should assist customers in:

• Reproducing specific tasks within the MECT tool.
• State what resource adequacy concepts are addressed by each screen.
• Identify some of the validations performed by the MECT tool.

1.1 PURPOSE

This overview document is comprised of sections to provide an organized, coherent guide to the MISO MECT application. These first sections offer basic background information. The second section provides a step-by-step guide for each of the application screens.

2. MECT APPLICATION ENVIRONMENTS

There are two environments available to interact with the MECT tool, Customer Connectivity Environment, often referred to as the CCE(Test) and Production. The CCE environment is used to allow MISO Market Participants to test new features and functionality in the MECT tool. The Production environment is where live business functions take place. **Google Chrome or Microsoft Edge are the recommended browsers for MECT. Other web browsers are not supported.**

2.1 ACCESSING CCE (TEST) ENVIRONMENT

Access to the Module E Capacity Tracking (MECT) application in MISO's Customer Connectivity Environment (CCE) requires a Local Security Administrator (LSA) to provision access using the Self-Service LSA tool in CCE. This is a separate instance of the tool from what is used in production.

To access the Self-Service LSA Tool in CCE, go to:

https://cce.midwestiso.org/marketportal/

The LSA will be prompted to select the digital certificate that is registered to the LSA account. Once in the CCE Market Portal, navigate to the Self-Service LSA (SSLSA) card and select the Create/Manage Portal Users link.

To manage user access, choose the Create/Manage Portal User link. The LSA can choose to update an existing user or create a new user for access to systems in CCE.

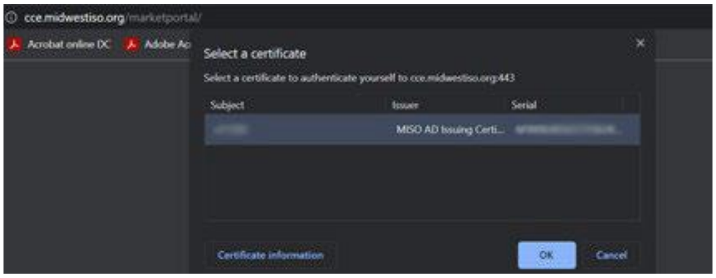
For access to MECT, the following roles are available for provisioning. These roles can be found in the Market Participant User Roles section:

• Module E Capacity Tracking (MECT) (Submit)
• Module E Capacity Tracking (MECT) (View)

For more information on user provisioning, reference the Self-Service LSA Tool User Guide.

Having Trouble Accessing CCE?
If you do not have access to MECT in CCE, please contact your company's registered LSA. If you are unsure who your LSA is for your company, please reach out to the Client Services & Readiness team at Help Center.

STEP-BY-STEP INSTRUCTIONS
1) Go to: https://cce.midwestiso.org/marketportal/
2) Select a certificate to authenticate yourself and click OK.



Note: If you do not have access to the system, you will need to contact your organization's LSA with the information above to be provisioned access.

2.2 ACCESSING MECT PRODUCTION ENVIRONMENT

Access to the Module E Capacity Tracking (MECT) application requires a Local Security Administrator (LSA) to provision access using the Self-Service LSA tool.

Access via the MISO Market Portal:
https://markets.midwestiso.org/marketportal/

The LSA will be prompted to select the digital certificate that is registered to the LSA account. Once in the Market Portal, navigate to the Self-Service LSA (SSLSA) card and select the Create/Manage Portal Users link.

To manage user access, choose the Create/Manage Portal User link. The LSA can choose to update an existing user or create a new user for access to systems.

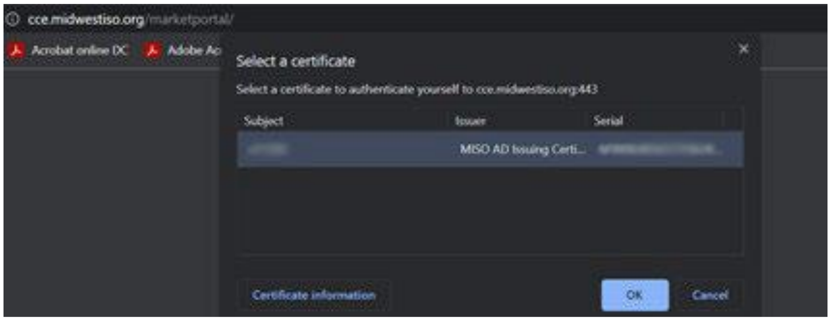
For access to MECT, the following roles are available for provisioning. These roles can be found in the Market Participant User Roles section:

- Module E Capacity Tracking (MECT) (Submit)
- Module E Capacity Tracking (MECT) (View)

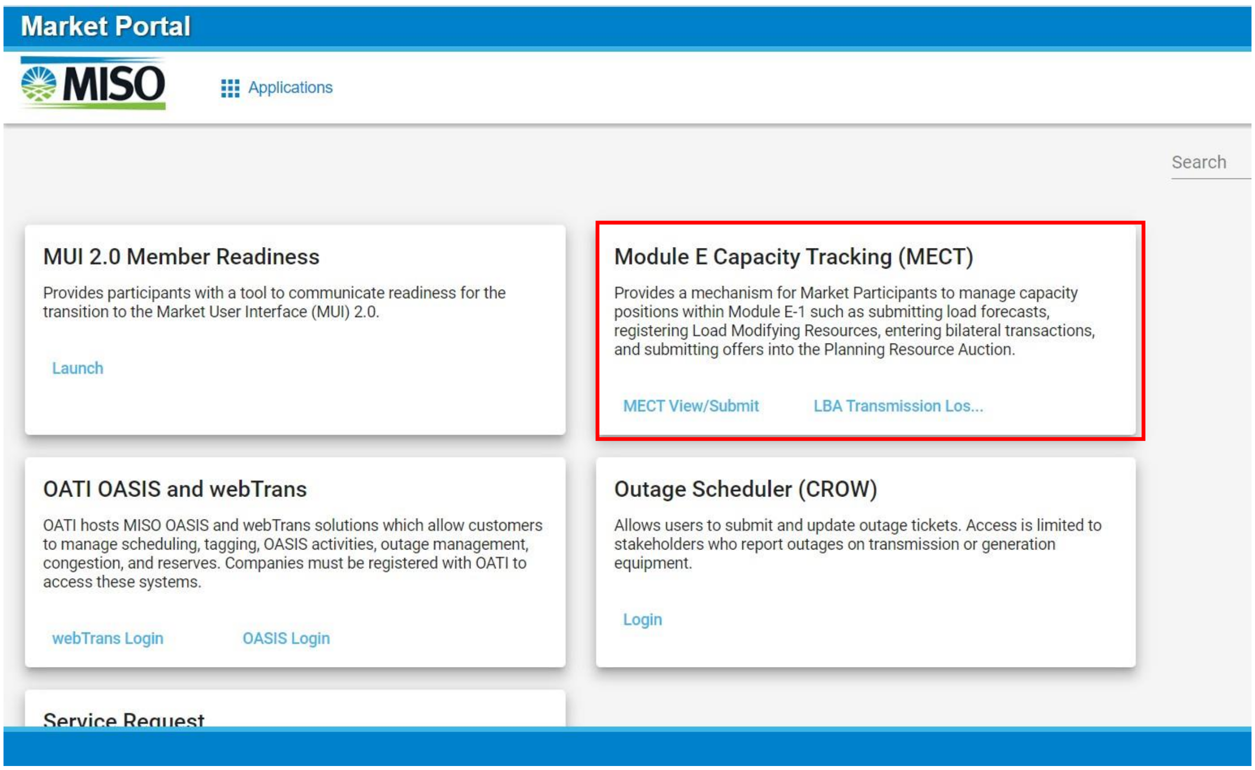
For more information on user provisioning, reference the Self-Service LSA Tool User Guide.

Having Trouble Accessing MECT?
If you do not have access to MECT, please contact your company's registered LSA. If you are unsure who your organization's LSA is for your company, please reach out to the Client Services & Readiness team via the Help Center - https://help.misoenergy.org/ .

STEP-BY-STEP INSTRUCTIONS
1) Go to: https://midwestiso.org/marketportal/
2) Select a certificate to authenticate yourself and click OK.



Note: If you do not have access to the system, you will need to contact your LSA with the information above to be provisioned access.



3. ROLES

Roles in the MECT tool are assigned at the Market Participant or Electric Distribution Company (EDC) level. As a result, a role provisioned to a Market Portal user allows that user to access information pertaining to all Asset Owners under the Market Participant. EDCs do not have Asset Owners and thus this distinction does not apply.

An entity's Local Security Administrator (LSA) is responsible for assigning roles to their Market Portal users. Refer to the 'Local Security Administrator User Guide' on the MISO public website (Market Operations>Technical Infrastructure>Related Documents>Local Security Administrator User Guide).

Operator Submit: Allows the user to submit and view data on behalf of each one of the Market Participant's Asset Owners.

Operator View: Allows the user to view data on behalf of each one of the Market Participant's Asset Owners.

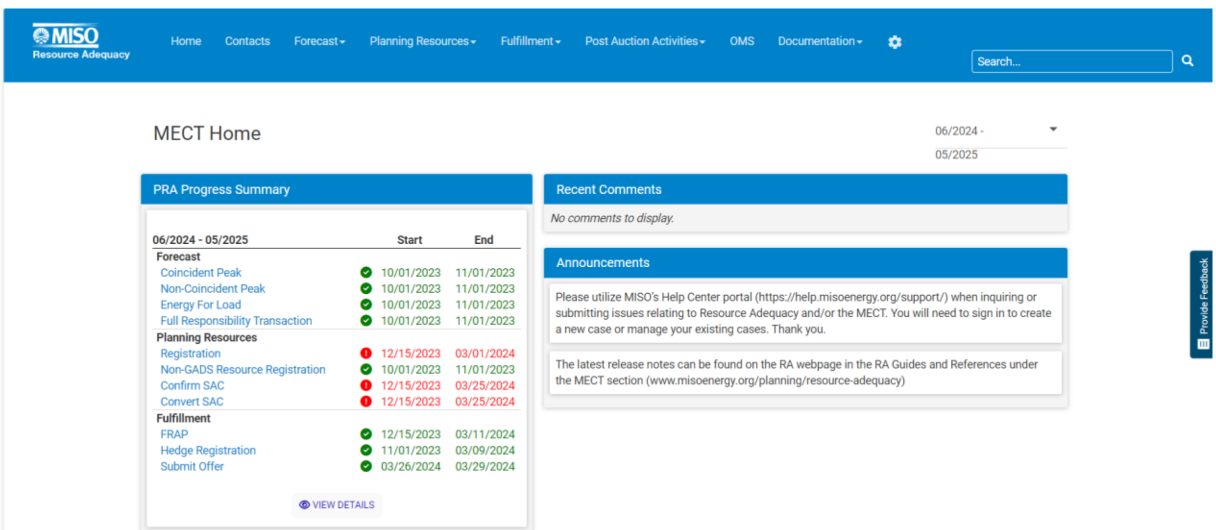
EDC Submit: Allows the user to submit and view data on behalf of the Electric Distribution Company.

EDC View: Allows the user to view data on behalf of the Electric Distribution Company.

4. MECT HOME PAGE

Once the user selects the MECT menu item the system will present them with a new browser window or tab. This new window or tab will contain the MECT tool.

Depending on the user's company and its profile in participating in the Module E-1, users may be granted various types of access in the MECT application. As an example, a user who is representing a company that has asset ownership of capacity resources will have the ability to access the displays that allow them to administer the planning resources, offer them into the Planning Resource Auction (PRA) and/or utilize them in a Fixed Resource Adequacy Plan (FRAP). The top right-hand corner will display what environment of MECT you are in.



5. CONTACTS

Access and BPM Reference

Responsibility	Generator Owner/Operator, Load Serving Entity
User Role Requirement	Operator-Submit, EDC-Submit

Description

The adding of contacts is the responsibility of Load Serving Entities (LSEs). Users can enter one contact for all types. Alternatively, they can enter several contacts for each of the contact types. The screens listed below will not be editable until a contact has been entered for each screen or a contact with a type of "ALL":

Base PLC Data
SAC (Confirm and Convert)
Coincident Peak
ZRC Transaction
Energy for Load
Forecast (Total Area Forecast)
FRAP
Full Responsibility Transaction
Hedge Registration
Non-Coincident Peak
Registration
Submit Offer

6. CONTACT PROCESSES

Description

Users must submit a contact on the Contacts Page prior to making changes on related screens in the MECT tool. If the user creates a contact type using the type "All", then no additional contact types are required. If the user enters a specific contact for a specific screen, then only that screen is editable.

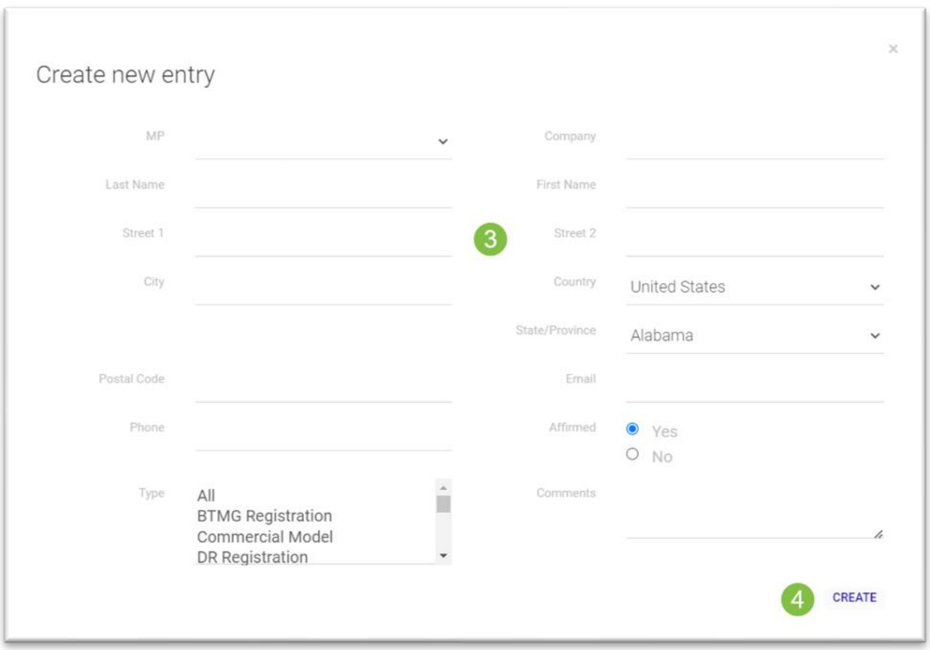
Contacts are not related to a particular planning resource auction and will carry over year to year. When a new auction is created the user will be required to affirm the contact, if nothing has changed, removing the need to create a new contact year to year. The user can add new contacts, delete, copy, or edit existing contacts.

6.1 HOW TO ADD A CONTACT

1) From the MECT Home screen, select **Contacts**.

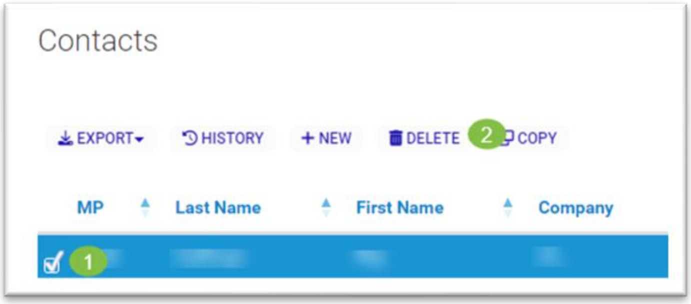
2) Click **New**.

3) Enter information into all the fields.
4) Click **Create**.



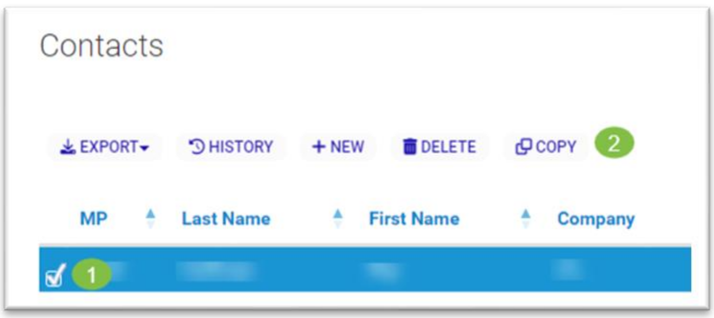
6.2 HOW TO DELETE CONTACT

1) From the Contact screen, **select box next to contact** you want to delete.
2) Click **Delete**.



6.3 HOW TO COPY A CONTACT

1) From the Contact screen, **select box next to contact** you want to copy.
2) Click **Copy**. The contact will be copied and editable.



7. COINCIDENT PEAK

Access and BPM Reference

Responsibility	Load Serving Entity
User Role Requirement	Operator-Submit, Operator-View
BPM-11 Resource Adequacy	3.2.2-Coincident Peak Demand Forecast Appendix N- Demand & Energy Forecast Characteristics

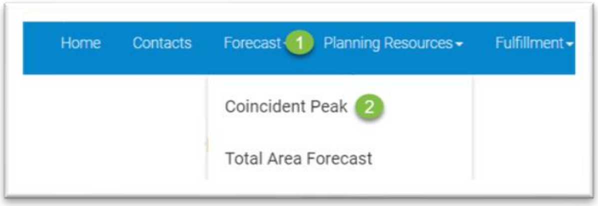
Description

This screen is used by MPs to submit Coincident Peak Demand forecast(s) for demand that is **NOT** subject to retail switching. Forecasts are provided by Asset Owner and Local Balancing Authority. Load that is pseudo tied from one MISO Local Balancing Authority to another should be reported to the Local Balancing Authority where the load is physically located. If that Asset Owner and Local Balancing Authority is not available for entry, please enter a ticket through the MISO Help Center.

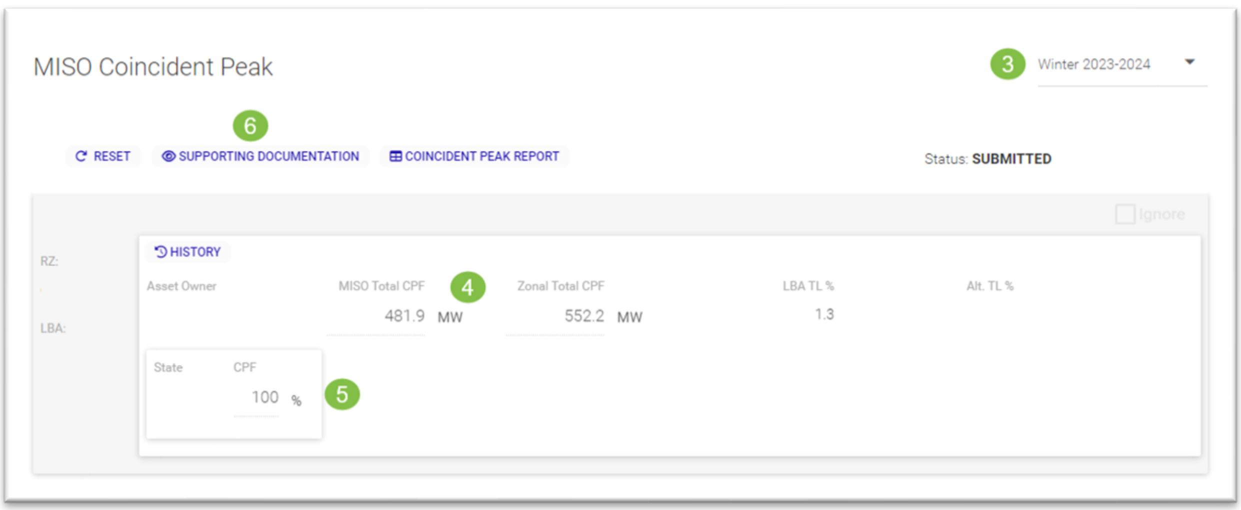
7.1 SUBMITTING A COINCIDENT PEAK FORECAST

1) From the MECT Home screen, select **Forecast**.

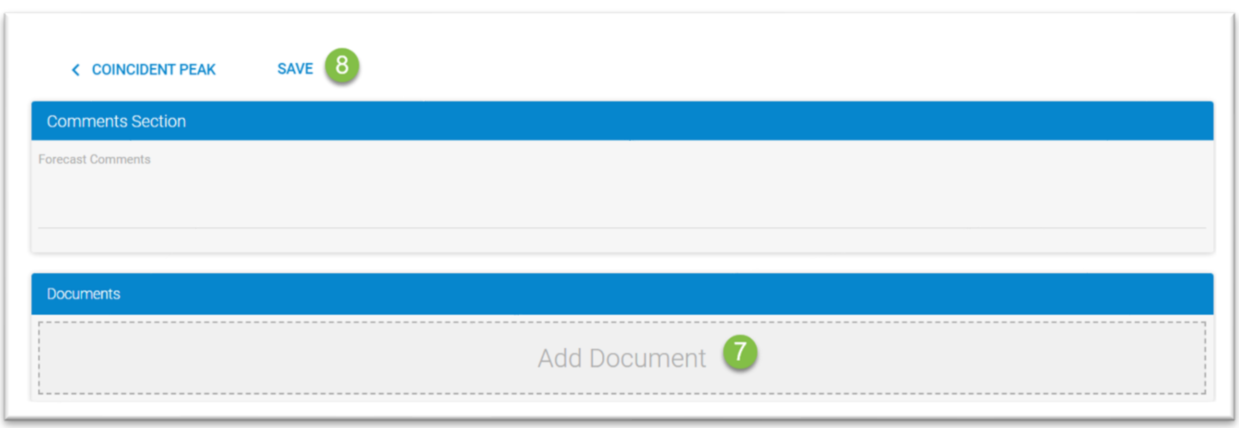
2) Select **Coincident Peak** from the drop-down menu.



3) Select which **Season** you are entering Coincident Peak for.
4) Enter the **MISO Total CPF** and **Zonal CPF.**
5) Enter the **Percentage of CPF** for applicable states. If the demand is only in a single state and are multiple state percentage boxes, simply enter 100 and then 0 for the states that are not applicable.
6) Click **Supporting Documentation.**



7) Click **Add Document** and upload required supporting documentation.
8) Click **Save.**

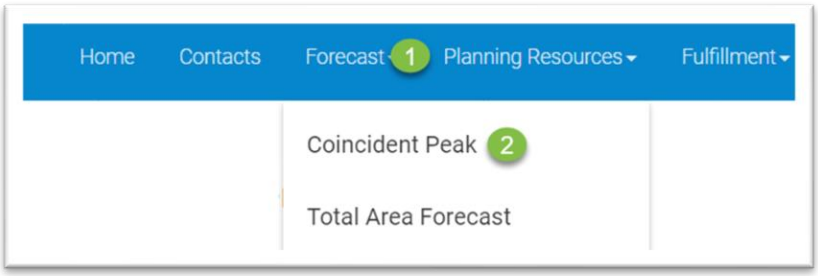


7.2 UPDATING A COINCIDENT PEAK FORECAST

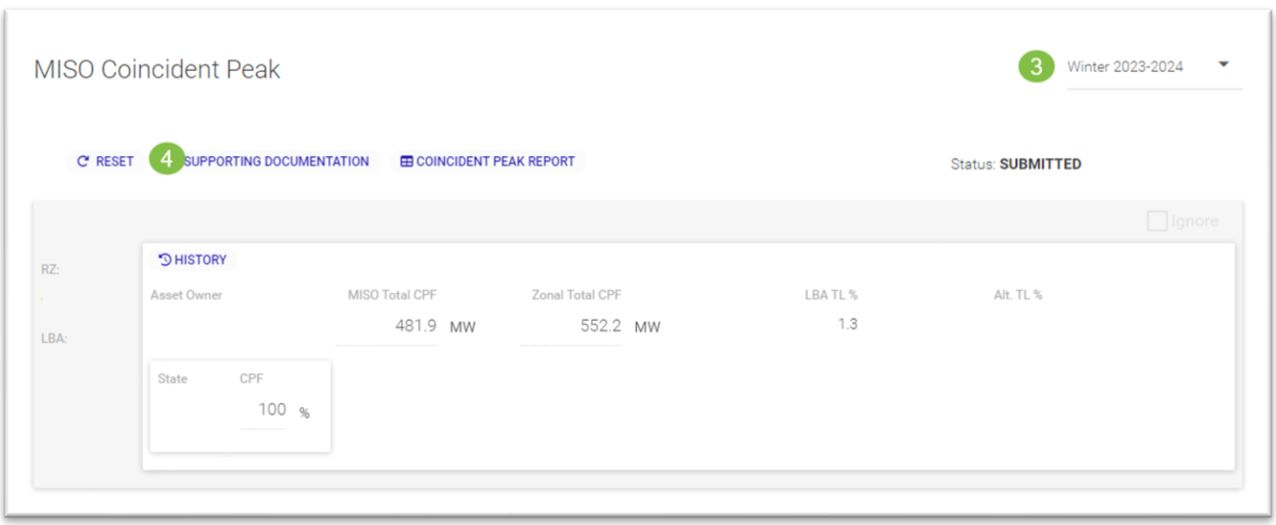
To update a previously entered Coincident Peak Forecast (CPF), simply adjust the desired field then click the “Submit” button. The screen will refresh with the entered data, indicating that the information has been submitted. If an update is needed after the November 1st deadline, the MP would need to contact MISO to enable an adjustment.

7.3 CANCELING A COINCIDENT PEAK UPDATE

1) From the MECT Home screen, select **Forecast**.
2) Click **Coincident Peak.**

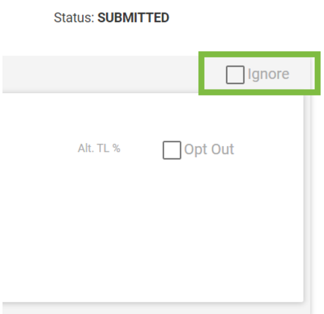


3) Select the **Season** you are cancelling Coincident Peak.
4) Click **Reset.**



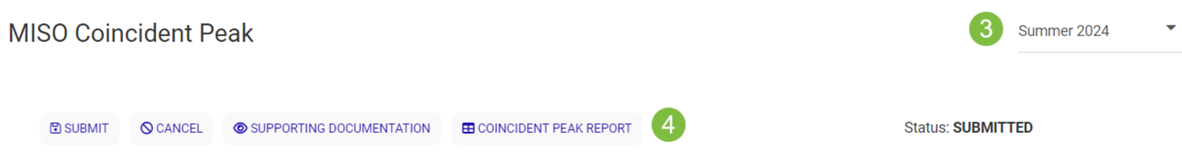
7.4 IGNORING A COINCIDENT PEAK FORECAST

1) From the MECT Home screen, select **Forecast**.
2) Click **Coincident Peak.**
3) Select the **Season** you are ignoring a Coincident Peak for.
4) Checking the “Ignore” box will immediately delete the values entered for a given seasonal if a given load no longer applies. If this is done in error, uncheck “Ignore” and re-enter the data.



7.5 COINCIDENT PEAK REPORT

1) From the MECT Home screen, select **Forecast**.
2) Click **Coincident Peak.**
3) Select the **Season** you want the report for.
4) Click **Coincident Peak Report.**



8. TOTAL AREA FORECAST

Access and BPM Reference

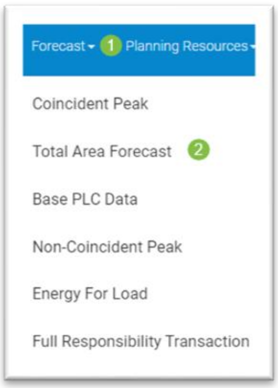
Responsibility	Electric Distribution Company
User Role Requirement	EDC-Submit
BPM-11 Resource Adequacy	3.2.3 Forecast Reporting Appendix O – Parties Responsible for Reporting Demand & Energy Forecast

Description

The Total Area Forecast screen allows an Electric Distribution Company (EDC) to enter their EDC Area Coincident Peak Forecast. Additionally, it allows for EDCs using the default method to submit peak load contribution and view retail choice switching information.

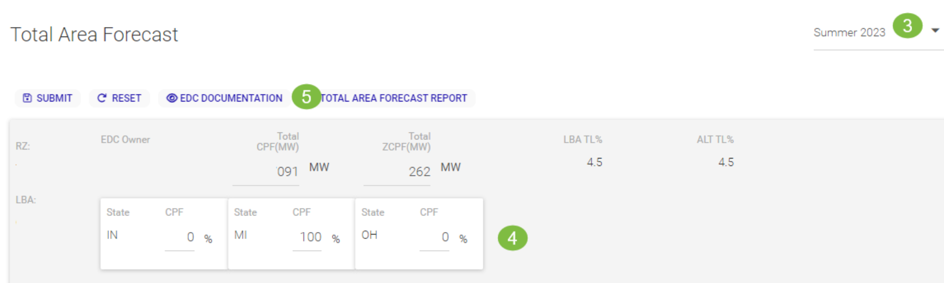
8.1 SUBMITTING TOTAL AREA FORECAST

1) From the MECT Home screen, select **Forecast**.
2) Click **Total Area Forecast**.

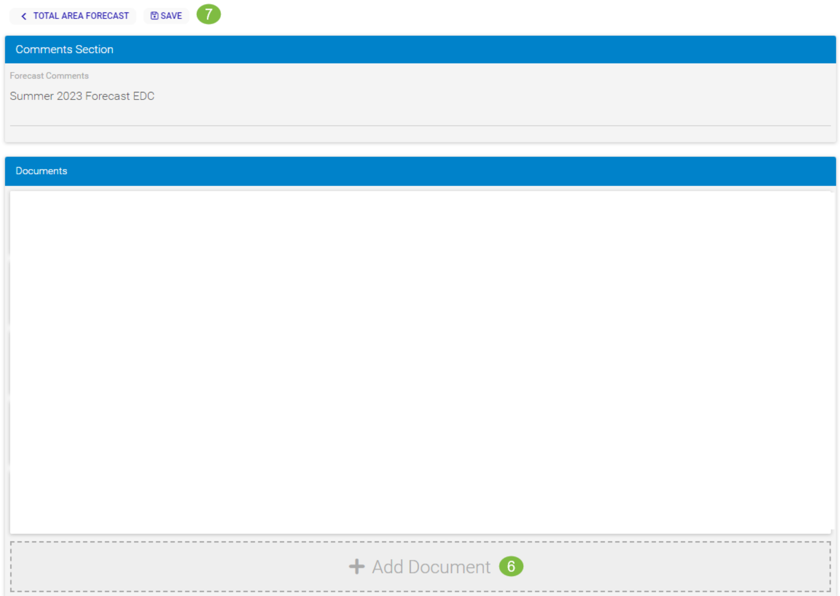


3) Select the correct **Season**.
4) Enter **EDC Area Coincident Peak Forecast** and view retail choice switching information.
5) Click **EDC Documentation**.

Note: Without EDC Documentation, EDCs will NOT be able to submit Total Area Forecast.

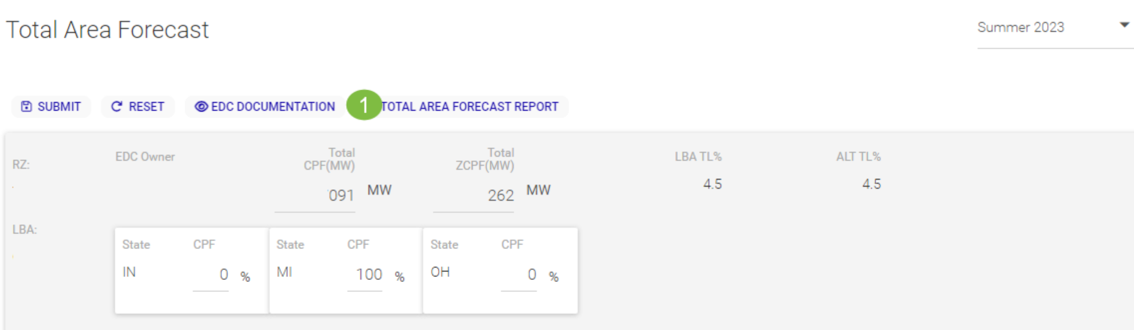


6) Select **Add Document** to upload information.
7) Click **Save**.

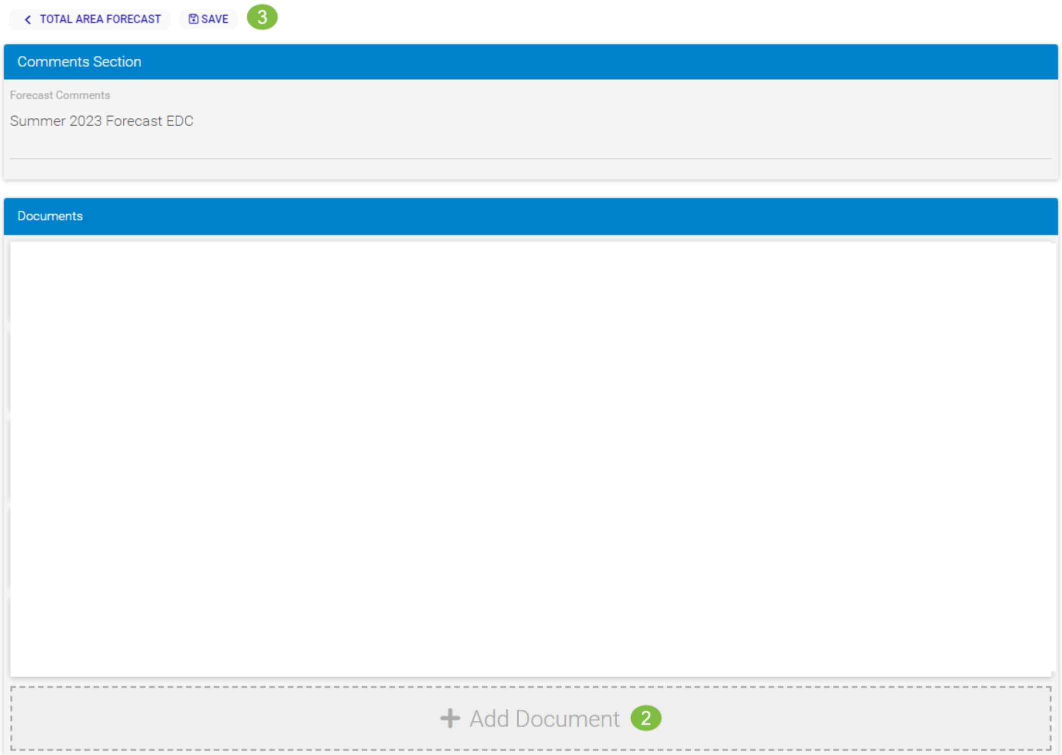


8.2 EDIT EDC DOCUMENTATION

1) Click **EDC DOCUMENTATION**.



2) Add **Document**.
3) Click **SAVE**.



NOTE: Without EDC Documentation submitted, EDCs will not be able to submit the Total Area Forecast.

9. BASE PLC DATA

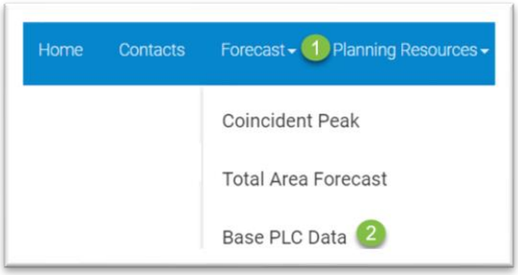
Access and BPM Reference

Responsibility	Electric Distribution Company
User Role Requirement	Operator- Submit, Operator- View, EDC-Submit
BPM-11 Resource Adequacy	5.7.3 Peak Load Contribution (PLC)

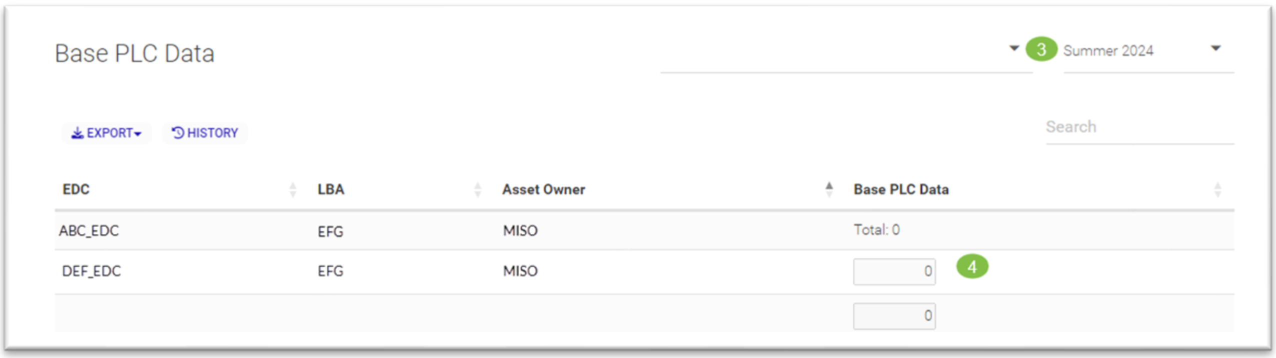
Description

The Base PLC Data screen allows EDCs using the default method to submit peak load contributions.

1) From the MECT home screen, select **Base PLC Data.**
2) Click **Base PLC Data.**



3) Select the **Season**.
4) Enter **Base PLC Data** into the corresponding boxes.



10. NON-COINCIDENT PEAK

Access and BPM Reference

Responsibility	Load Serving Entity
User Role Requirement	Operator-Submit, Operator-View
BPM-11 Resource Adequacy	3.2.1 Non-Coincident Peak Demand and Energy for Load Forecasts Appendix N – Demand & Energy Forecast Characteristics

Description

The Non-Coincident Peak Forecast screen is used by the Market Participant to submit non-coincident peak demand forecasts by Asset Owner and Local Balancing Authority for NERC MOD Standards, the OMS-MISO Survey and Long-Term Reliability Assessment (LRTA) report purposes, FERC 714 reporting and other downstream processes at MISO. When reporting the Non-Coincident Peak data, LSEs should include any estimated transmission losses in the data. The exception to including transmission losses is the value used for the annual ARR Allocation. LSEs under the Retail Choice program will not be required to submit the Non-Coincident Peak forecast as EDCs will be responsible for submitting the data for the EDC area.

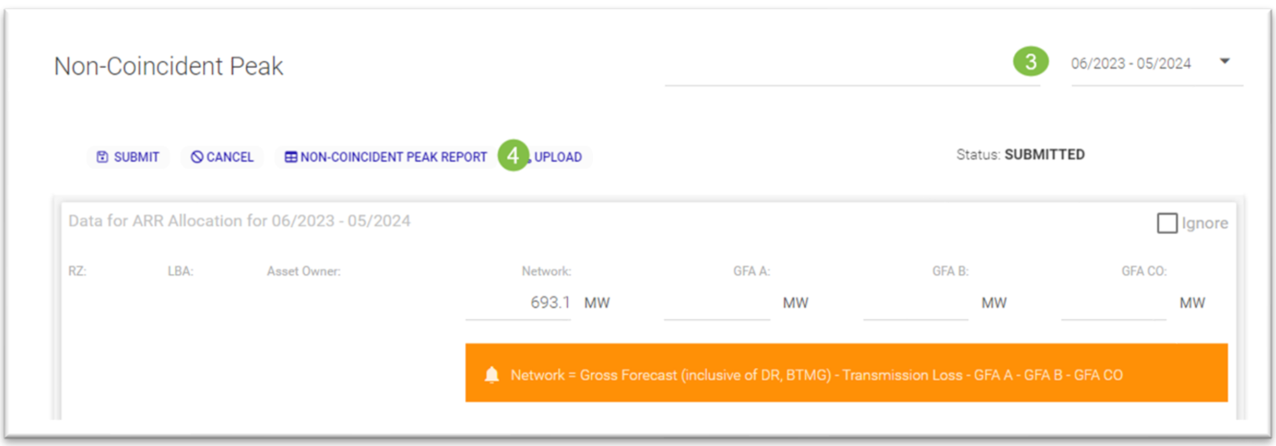
Load that is pseudo tied from one MISO Local Balancing Authority to another should be reported in the Local Balancing Authority where the load is physically located. If that Asset Owner and

Local Balancing Authority combination is not available for entry, contact the MISO Resource Adequacy team via the MISO Help Support portal.

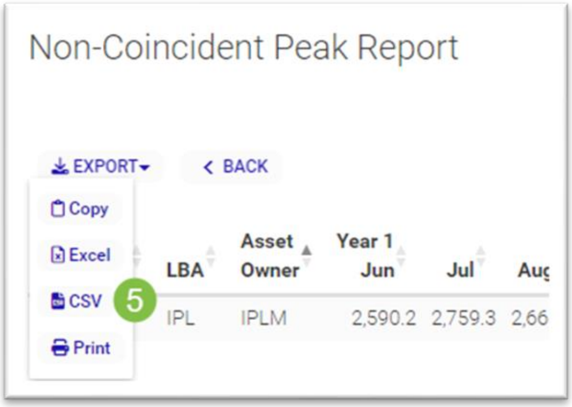
10.1 SUBMITTING NON-COINCIDENT PEAK FORECAST

1) From the MECT Home screen, select **Forecast.**
2) Click **Non-Coincident Peak.**

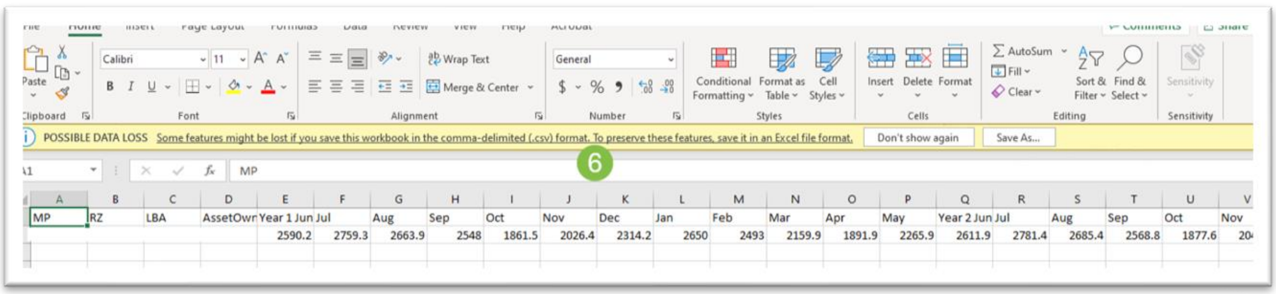
3) Select **Planning Year**.
4) Click **Non-Coincident Peak Report.**



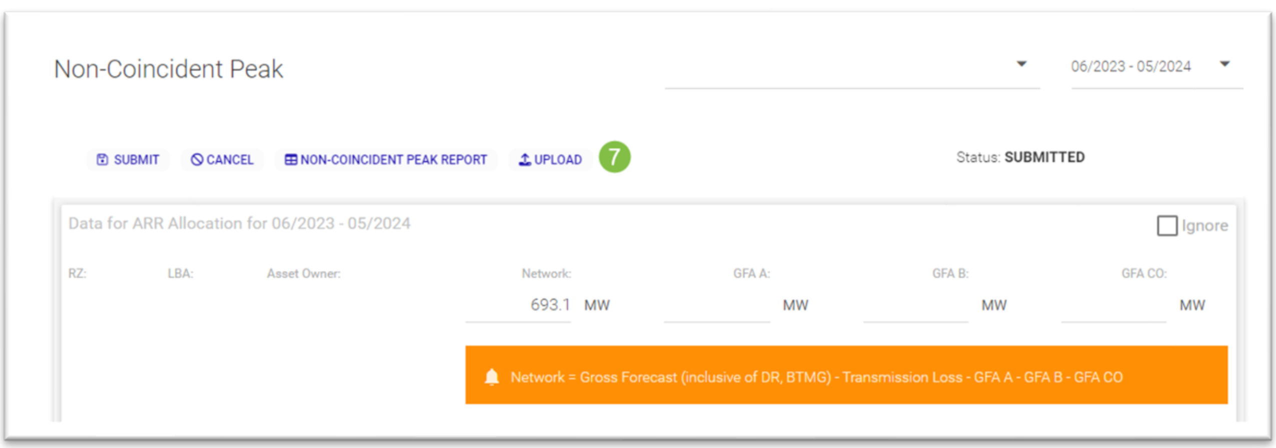
5) Export out as a **CSV** file.



6) Edit in **Excel** or other editor any information that needs update for any/all needed forecasts. A single file can be used to edit all Non-Coincident Peak forecasts at once. Save as a **.CSV file format.** {Note: System will only upload .CSV}

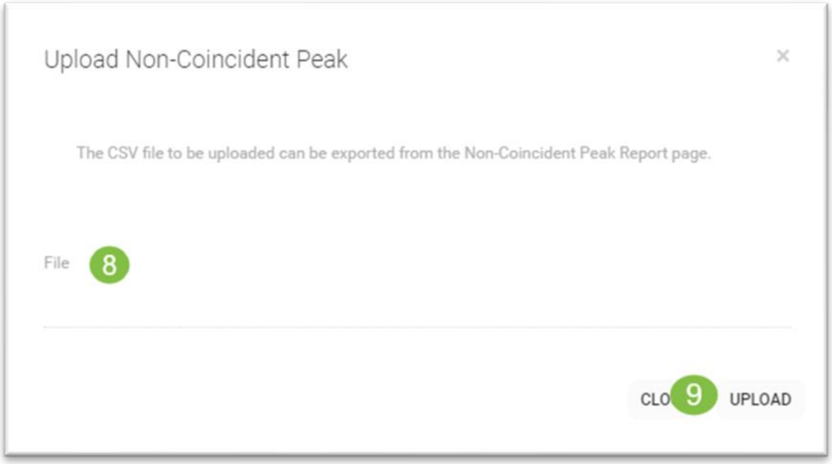


7) From the Main Screen, click **Upload.**

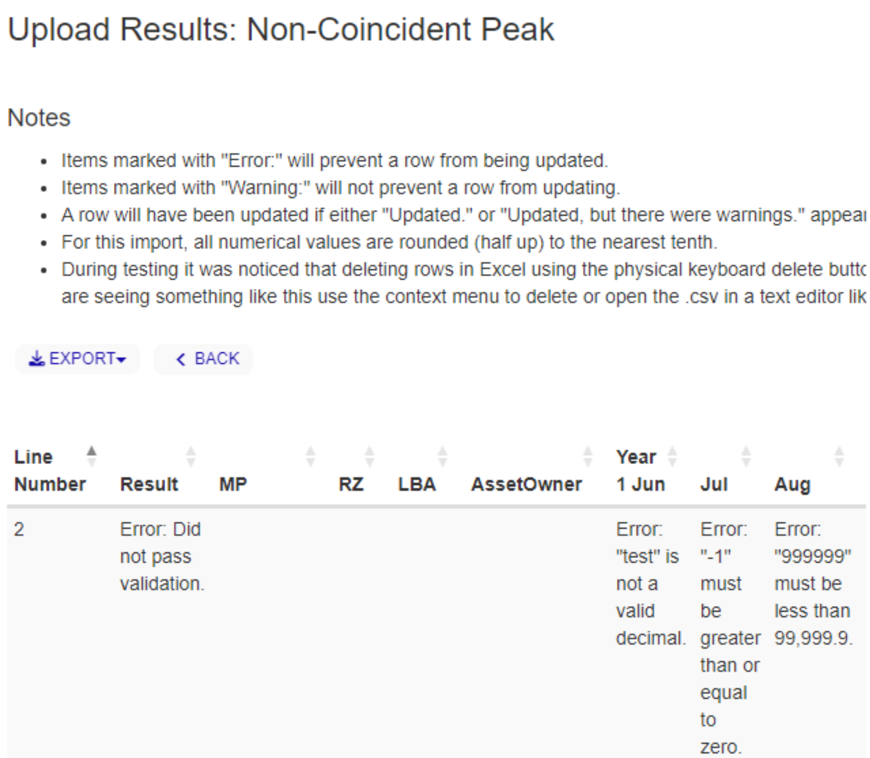


8) Click **File** and select the **CSV file** to upload or drag and drop the proper file into the pop-up modal.

9) Click **Upload.**



A report will display the results of the upload, which forecasts were edited, which were rejected and why, by cell if any given entry caused a validation error.



Minor edits can still be made in the interface for individual value corrections but are not the main way to enter the data in bulk.

10) Click **Submit.**

10.2 UPDATING NON-COINCIDENT PEAK FORECAST

MPs wishing to update a Non-Coincident Peak Forecast after the November 1st deadline must contact MISO Resource Adequacy to arrange an unlock of the screen. Once the screen has been unlocked the "Submit" button can be clicked. To update the Non-Coincident Peak, you will follow the same steps as section 10.1 Submitting Non-Coincident Peak by exporting and importing.

11. ENERGY FOR LOAD

Access and BPM Reference

Responsibility	Load Serving Entity
User Role Requirement	Operator-Submit, Operator-View
BPM-11 Resource Adequacy	3.2.1 Non-Coincident Peak Demand and Energy for Load Forecasts Appendix N – Demand & Energy Forecast Characteristics

Description

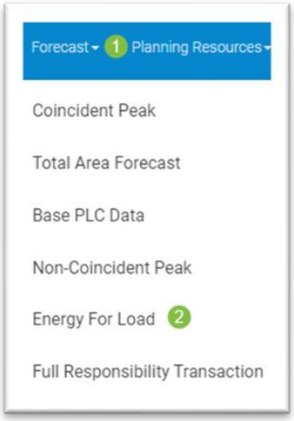
The Energy for Load Screen is used by Market Participants to submit their energy for load data by Asset Owner and Local Balancing Authority for NERC reporting purposes. LSEs under the Retail Choice program will not be required to submit the energy for load data as EDCs will be responsible for submitting the data for the EDC area.

Load that is pseudo tied from one MISO Local Balancing Authority to another should be reported in the Local Balancing Authority where the load is physically located. If that Asset Owner and Local Balancing Authority combination is not available for entry, please contact the MISO Resource Adequacy team.

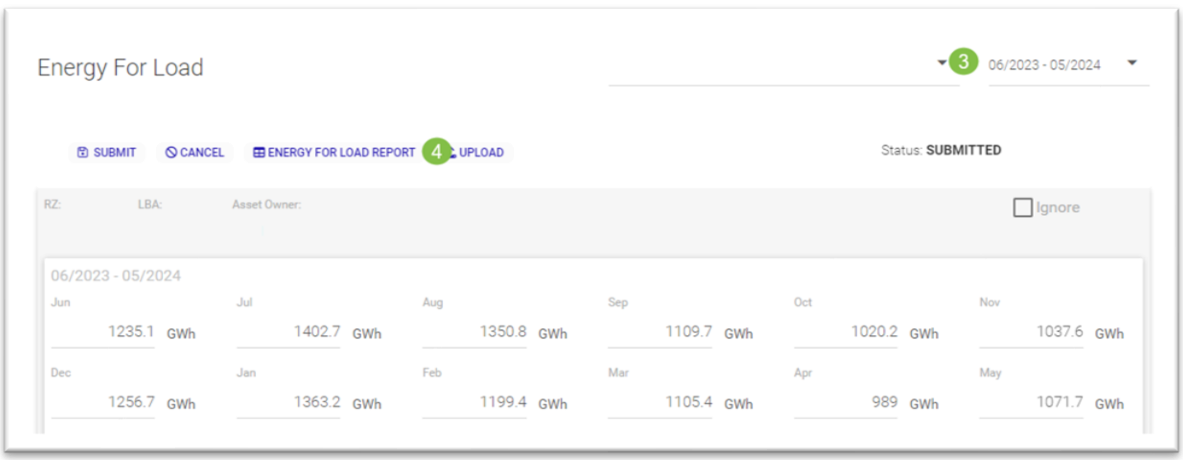
Energy for load reported on this screen is not subject to retail switching.

11.1 SUBMITTING ENERGY FOR LOAD DATA

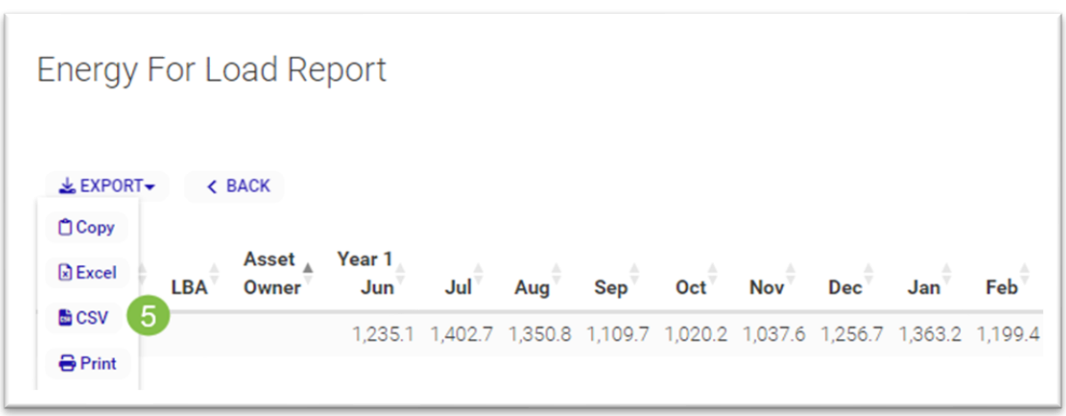
1) Navigate to **Forecast** in the header menu.
2) Select **Energy for Load.**



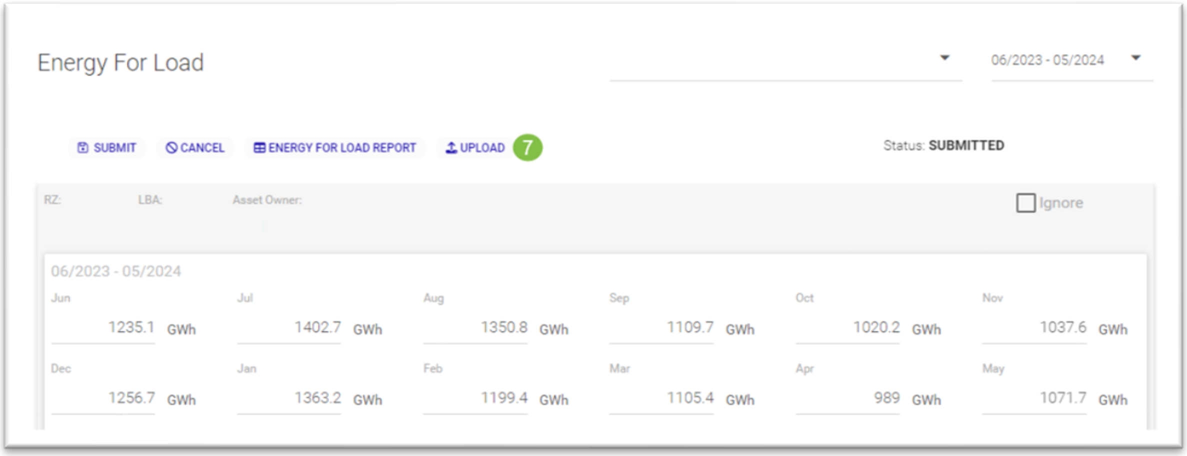
3) Select correct **Planning Year.**
4) Click **Energy for Load Report.**



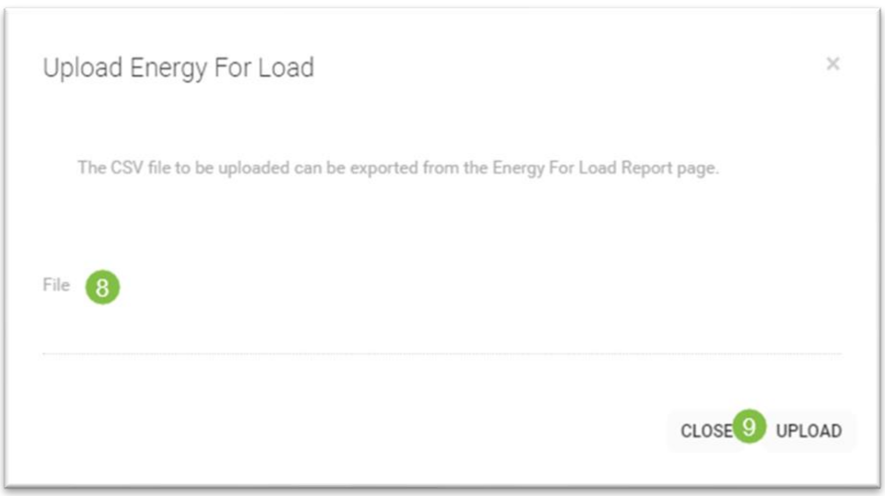
5) Export as a **CSV.**



6) Edit in **Excel** or other editor any information that needs update for any/all needed forecasts. A single file can be used to edit all Energy for Load forecasts at once. Save as a **.CSV file format** {Note: System will only upload .CSV}
7) From the main screen, click **Upload.**



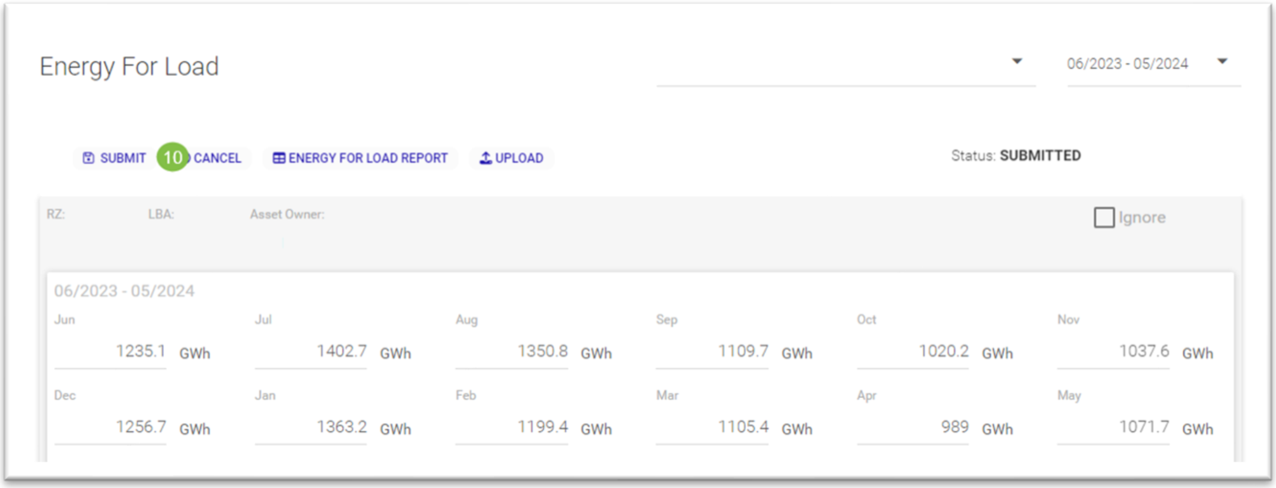
8) Click **File** and select the **CSV file** to upload or drag and drop the file into the pop-up modal.
9) Click **Upload.**



Similar to the Non-Coincident Peak upload, a report will load confirming the results of the upload and if any forecast were rejected, for what cells and for what reason.

Again, minor edits can still be made in the interface for individual value corrections but are not the main way to enter the data in bulk.

10) Click **Submit.**



Note: On the Energy for Load Report, by holding the “shift” key and mouse click on the sort icon of each column to be sorted. This works on any screen with a data table.

11.2 UPDATING ENERGY FOR LOAD DATA

MPs wishing to update Energy for Load data after the November 1st deadline will contact MISO Resource Adequacy to arrange an unlock of the screen. Once changes have been made, the “Submit” button can be clicked. Note: After clicking the “Submit” button, all subsequent changes will be considered submitted. You can update a single entry or use the export/import function detailed in 11.1 Submitting Energy for Load Data

12. FULL RESPONSIBILITY TRANSACTION

Access and BPM Reference

Responsibility	Load Serving Entity
User Role Requirement	Operator-Submit, Operator-View
BPM-11 Resource Adequacy	3.3 Full Responsibility Transactions

Description

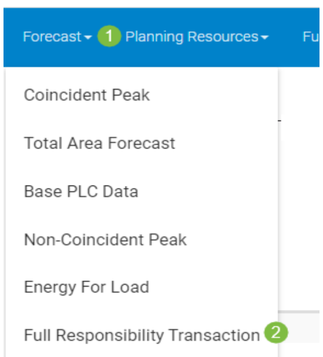
The Full Responsibility Transaction (FRT) screen allows a Market Participant to enter Full Responsibility Sales (FRS) and Full Responsibility Purchases (FRP). This screen allows both parties to view all FRTs that they are specified as a counter party on. Only the Buyer of an FRT may initiate the transaction.

The MW amount associated with a confirmed FRT is added to the respective Seller and subtracted from the Buyer's demand portion of the PRMR calculation. Approved FRTs will be reflected on the PRMR Calculation page. All MW amounts associated with pending FRTs are held in escrow until the FRT is confirmed, rejected, or deleted.

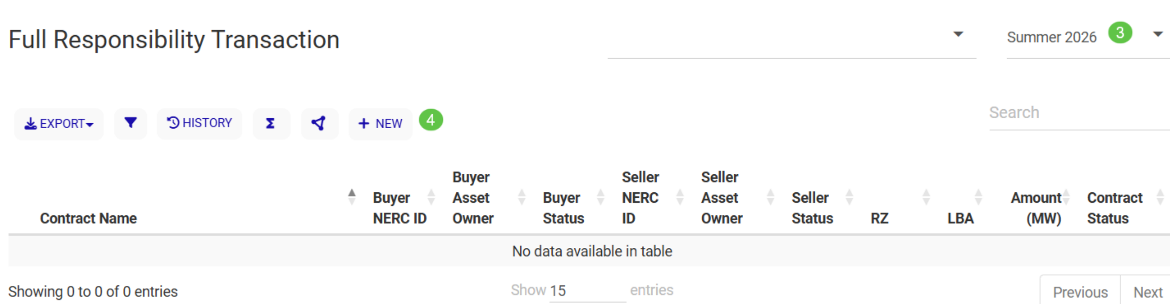
FRTs may only be entered up to the amount of the Coincident Peak Demand Forecast minus any pending or approved FRPs and/or plus an approved FRS.

12.1 SUBMIT A FULL RESPONSIBILITY TRANSACTION

1) Navigate to **Forecast** in the header menu.
2) From the drop-down select **Full Responsibility Transaction**.

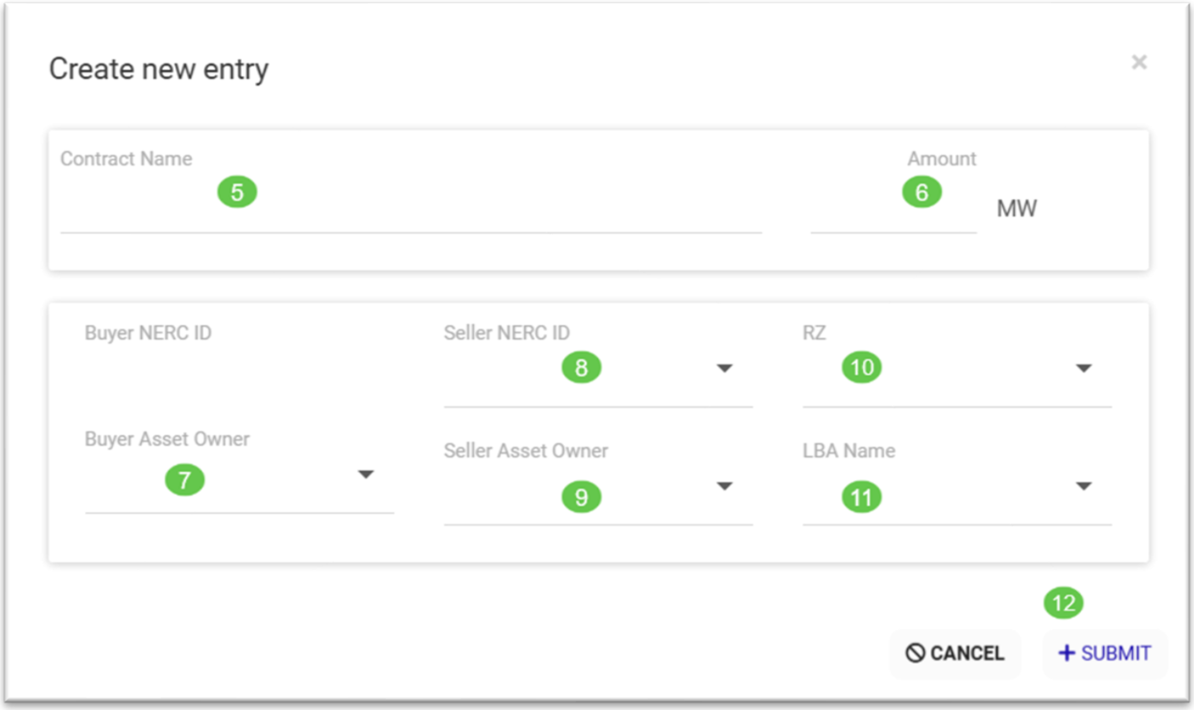


3) Use the drop-down to select season.
4) Select **New**.



5) Enter **Contract Name**.
6) Enter **Amount MW.**
7) Use drop-down to select **Buyer Asset Owner**.
8) Use drop-down to select **Seller NERC ID**.
9) Use drop-down to select **Seller Asset Owner**.
10) Use drop-down to select **Resource Zone**.
11) Use drop-down to select **LBA Name**.

12) Select **Submit** to save or **Cancel** to return without saving any changes.



12.2 COPY FULL RESPONSIBILITY TRANSACTION

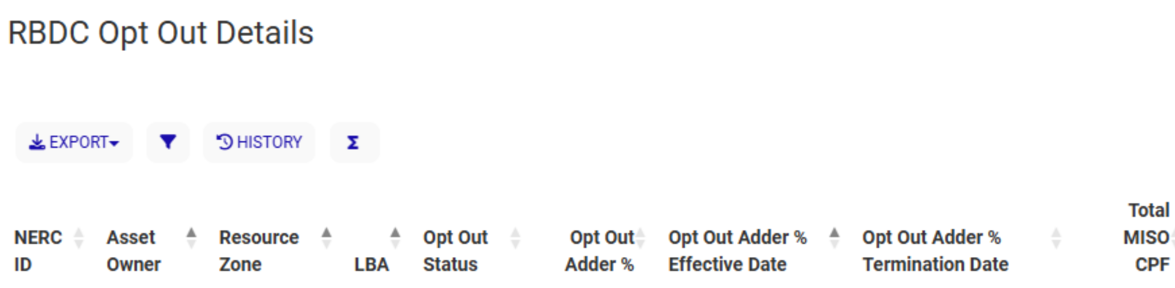
To copy an FRT, click on the down arrow next to the Contract Name in the list of FRTs and select "Copy". The system will copy that FRT into the FRT data entry fields. This FRT is then ready to submit.

To confirm or reject an FRT, click the down arrow to the left of the Contract Name in the FRT Transaction List with a buyer or seller status of Pending and choose "Accept" or "Reject". Upon doing so the tool will immediately increase the seller's demand in respective Local Balancing Authority or release the FRT amount back to the purchaser to choose to enter it into another FRT respectively.

13. RBDC OPT OUT DETAILS

Access and BPM Reference

Responsibility	Planning Resource Owner
User Role Requirement	Operator-Submit, Operator-View
BPM-11 Resource Adequacy	5.3.2 – RBDC Opt Out Appendix C – Energy Efficiency Resources Appendix D – Demand Resources Appendix E- BTMG Appendix F – External Resources



14. REGISTRATION

Access and BPM Reference

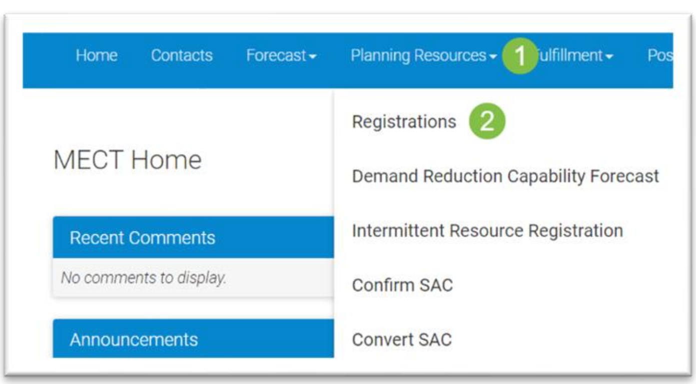
Responsibility	Planning Resource Owner
User Role Requirement	Operator-Submit, Operator-View
BPM-11 Resource Adequacy	Appendix C – Energy Efficiency Resources Appendix D – Demand Resources Appendix E- BTMG Appendix F – External Resources

Description

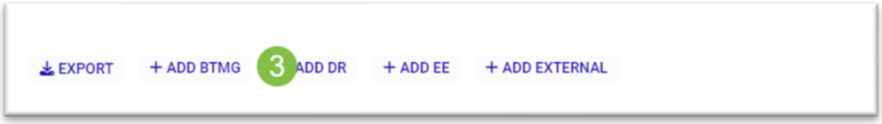
The Registration screen allows for management of Planning Resource registrations including Behind-the-Meter-Generation (BTMG), External Resources, Energy Efficiency Resources and Demand Resources.

14.1 HOW TO REGISTER A BTMG

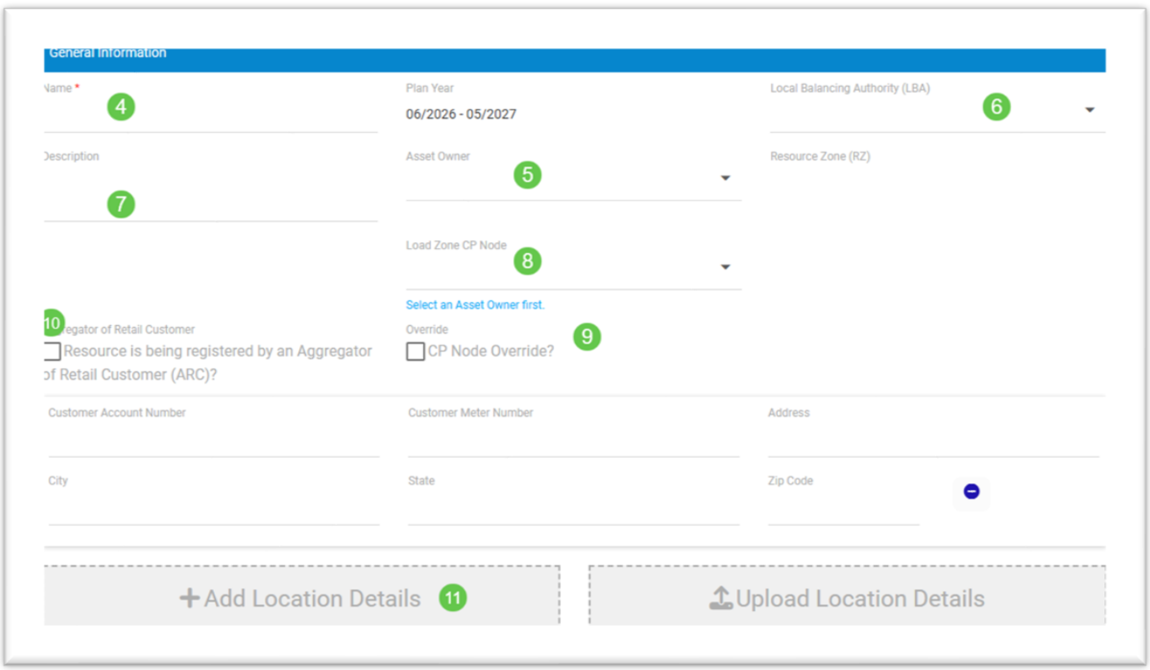
1) Navigate to **Planning Resources** in the header menu.
2) Select **Registrations.**



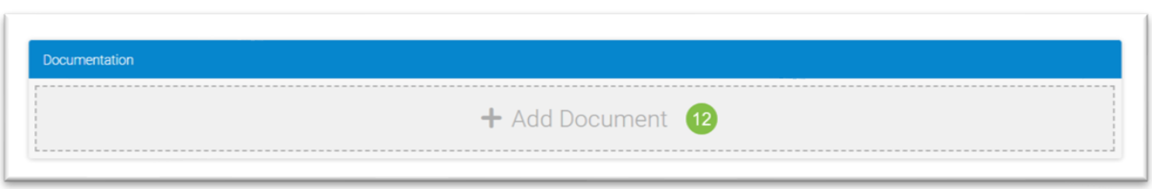
3) Select **Add BTMG.**



4) Enter the **Name** of the BTMG.
5) Use the drop-down to select **Asset Owner.**
6) Use the drop-down to select **Local Balance Authority (LBA).**
7) Enter **Description.**
8) Use drop-down to select **Load Zone CP Node.**
9) Check box to override CP Node (this is only if the default CP Node options are incorrect).
10) Check box is resource is being registered by an Aggregated Retail Customer (ARC).
11) Add Location Details.

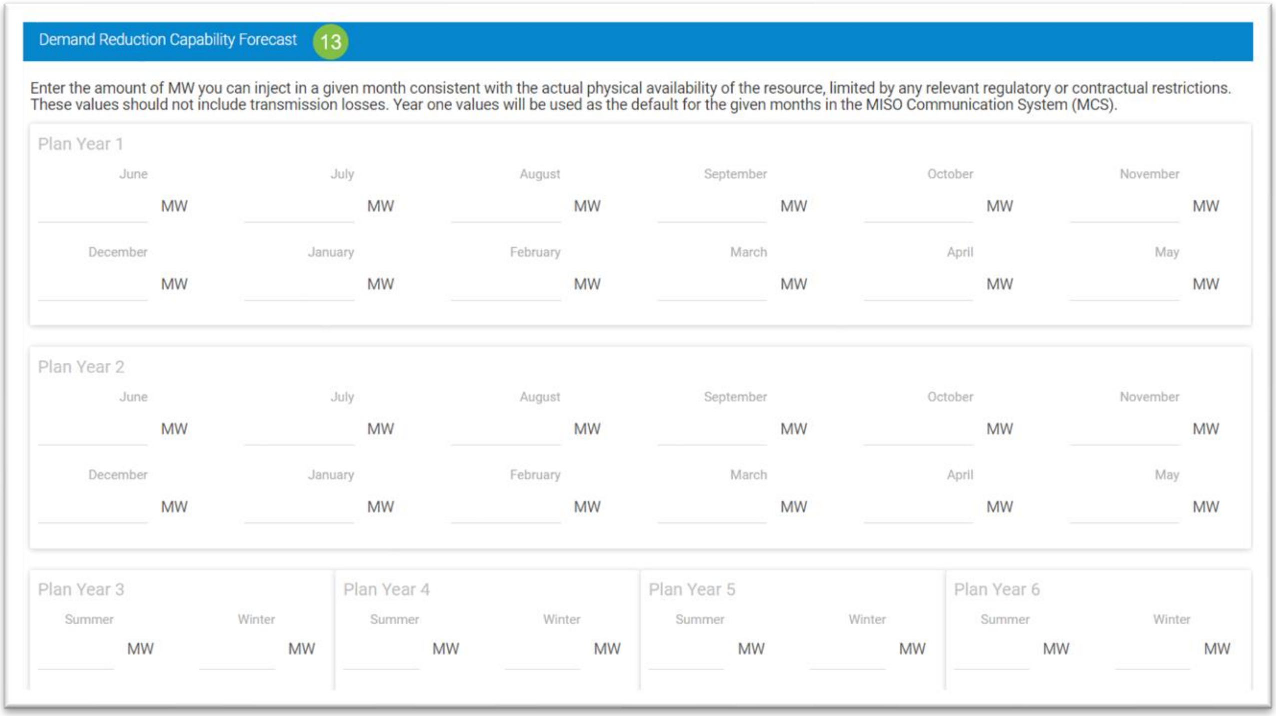


12) Add **Documentation.**

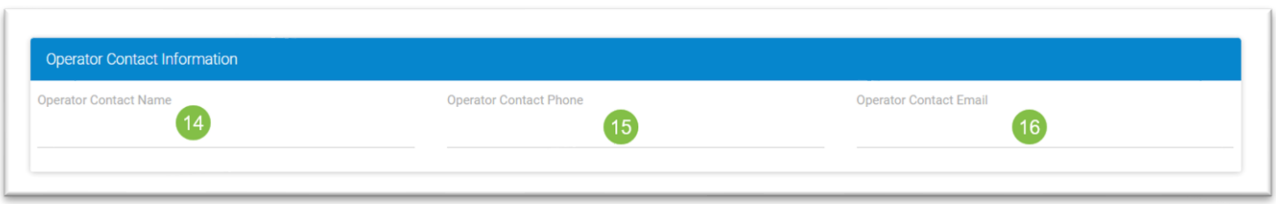


13) Enter the **Demand Reduction Capability Forecast**.

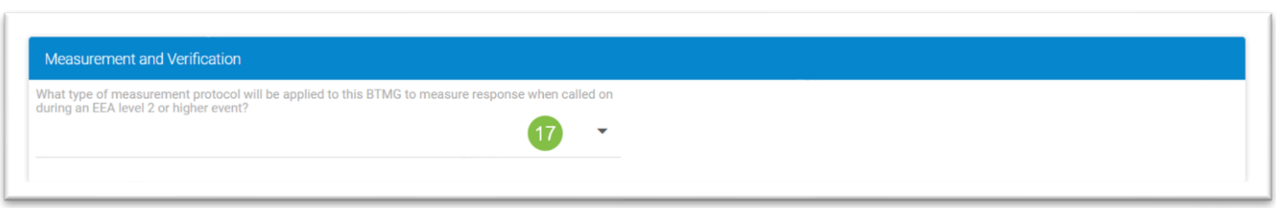
This section is not required in the initial registration submittal but will be required before the registration can be approved. These forecast details can be manually entered in the registration page or can be uploaded via the Demand Reduction Capability Forecasts screen for all LMRs at once.



14) Enter **Operator Contact Name**.
15) Enter **Operator Contact Phone.**
16) Enter **Operator Contact Email.**

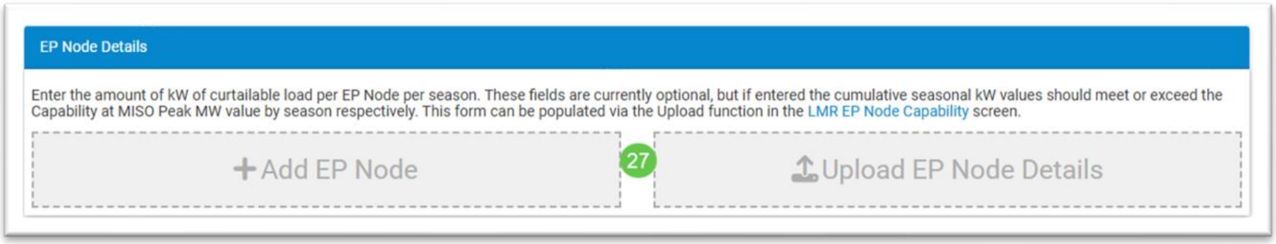


17) Use the drop-down to select **Measurement Protocol**.

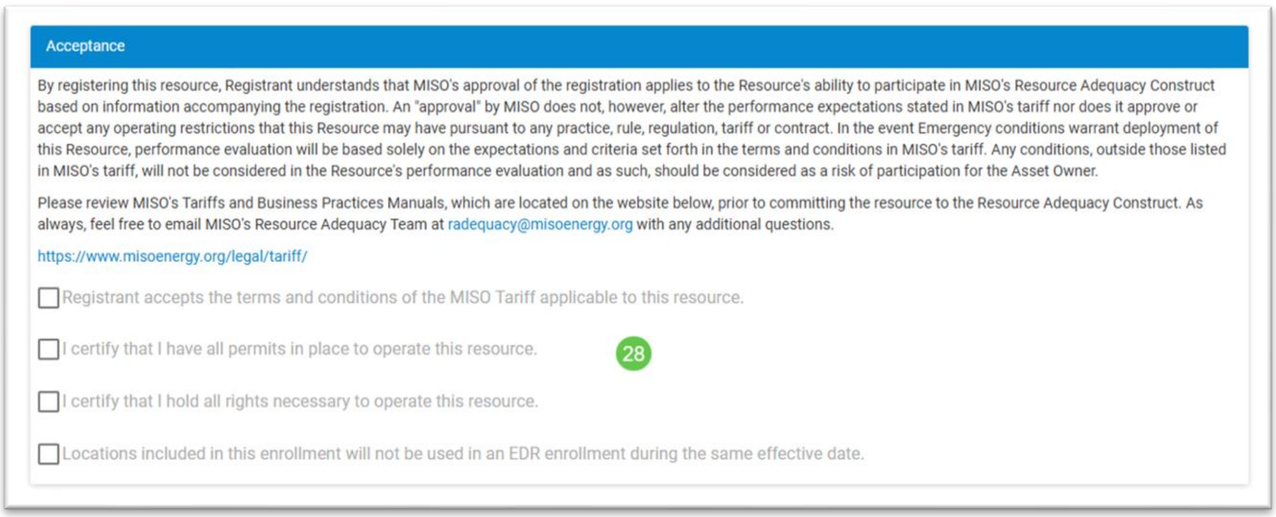


18) Select **Status Option.**
19) Check the box if asset is to be excluded from season.
20) Use drop-down to select **Generators**.
21) Enter **XEFORd Override.**
22) Enter **Max Interruptions**.
23) Use drop-down to select **Max Duration** hours.
24) Use the drop-down to select **Notification Time.**
25) Add **Notification.**

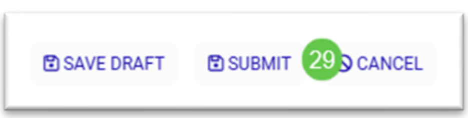
26) You will enter information for each season by repeating steps 18-25.
27) EP Node Details can be added either individually by Add EP Node or you can upload EP Node Details.



28) Check boxes to accept statements.



29) **Submit** if registration is complete. **Save Draft** if you need to finish later. **Cancel** to go back to the Registration Screen without making any changes.

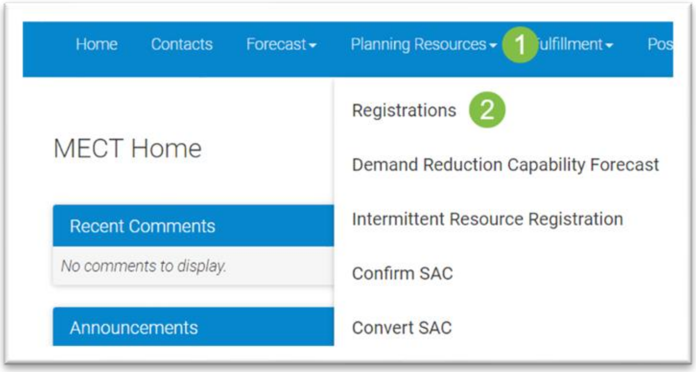


14.2 HOW TO RENEW A BTMG

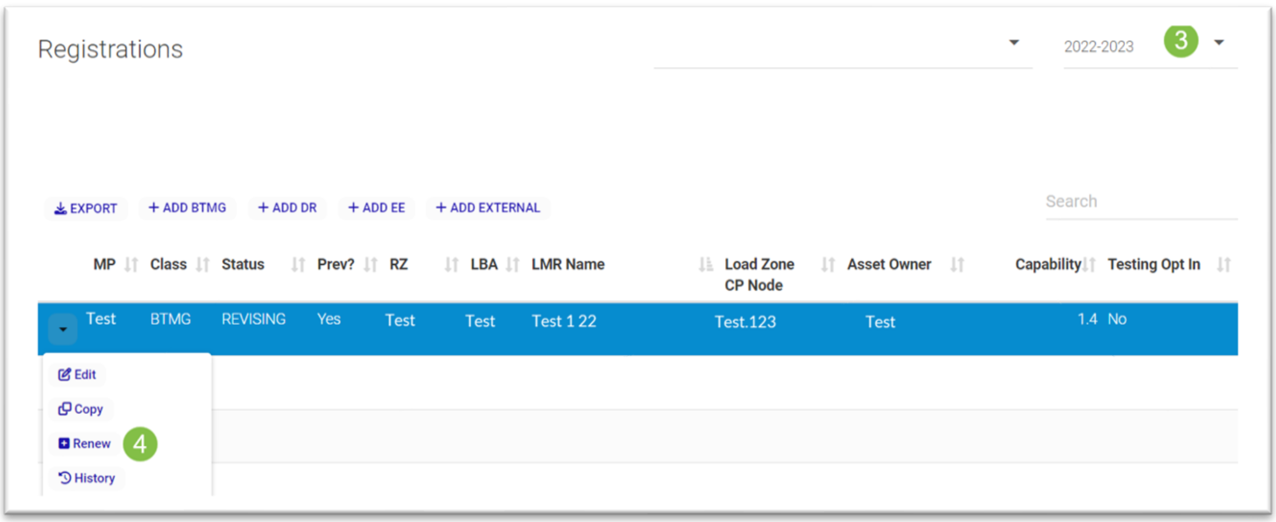
From the Market Portal homepage, click **Launch MECT View/Submit** from the Module E Capacity Tracking (MECT) box.

1) Navigate to **Planning Resources** in the header menu.

2) Select **Registrations.**

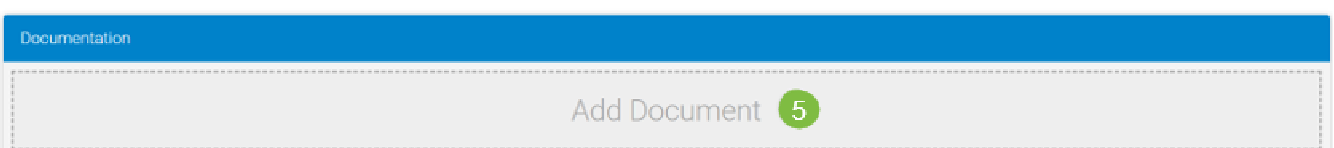


3) From the drop-down arrow next to the Planning Year, select the **PRIOR Planning Year**, from the one you are renewing for.
4) Under the list of your Registrations, find the BTMG you would like to renew. Click the **down arrow** by its name. The drop-down will appear, select **Renew**.

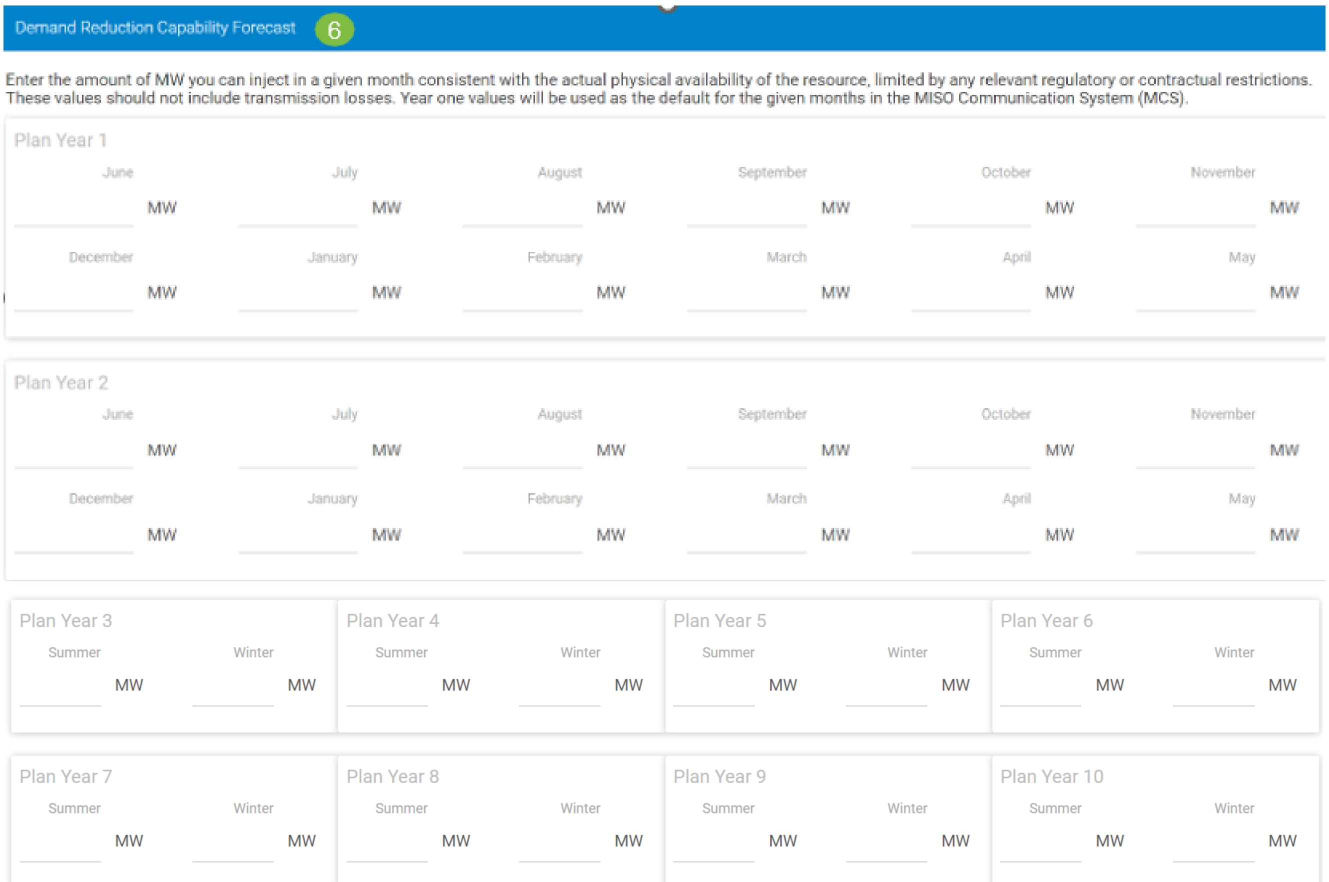


Note: Basic Information from when you registered asset will carry over, but you will need to do the following:

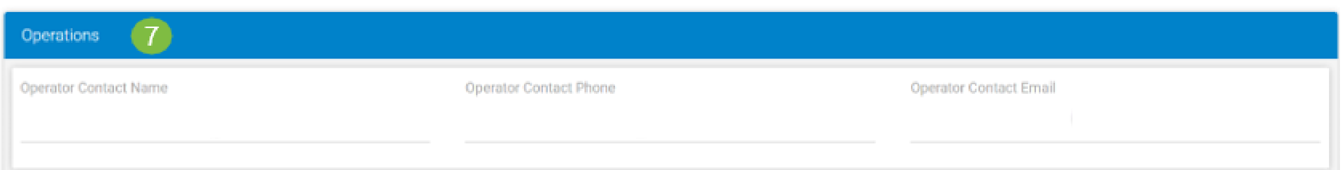
5) Add **Document.**



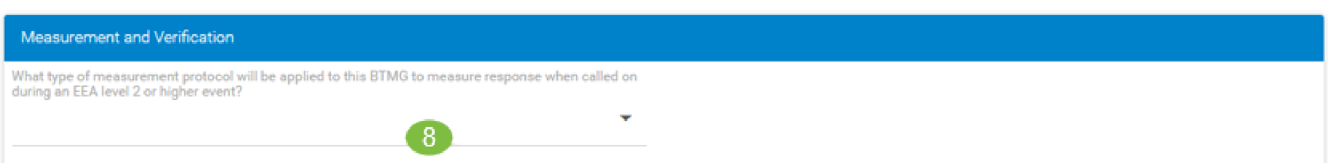
6) Double check that all the values are updated for the current registration. These values can be edited later or uploaded in bulk in the Demand Reduction Capabilities Forecast screen after saving draft values.



7) Double check that Operator information is correct.

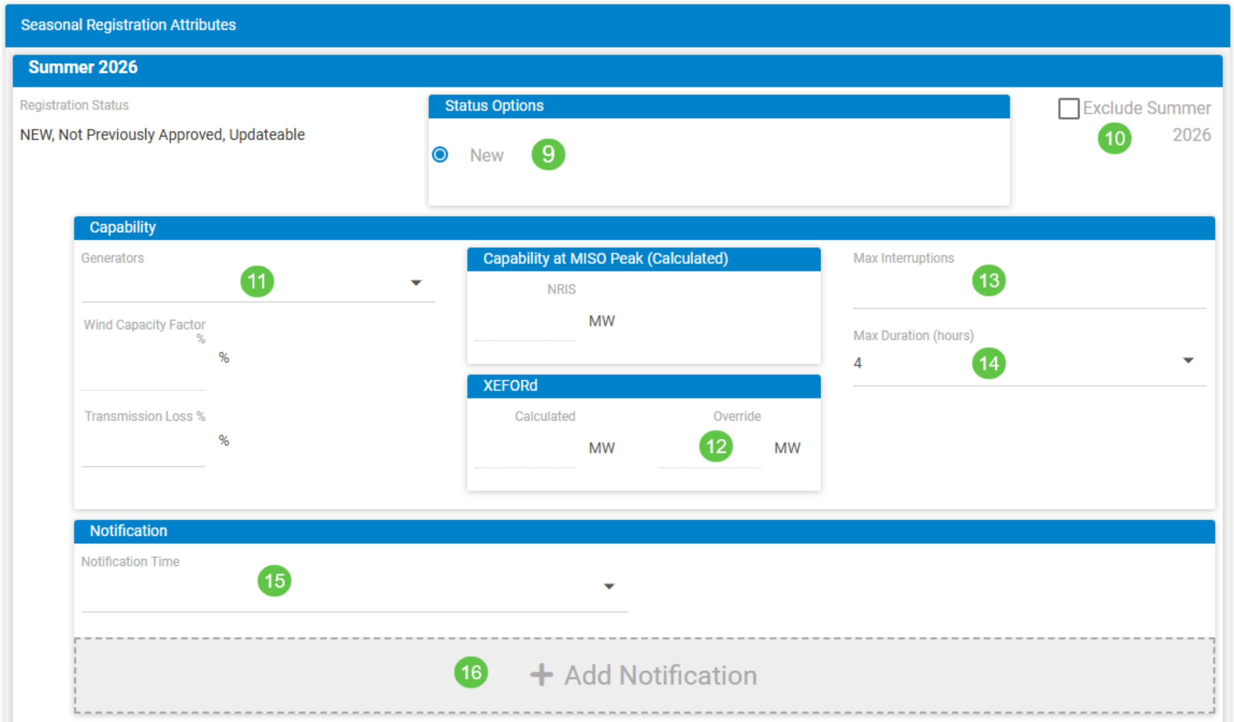


8) Use the drop-down to select **Measurement Protocol**.

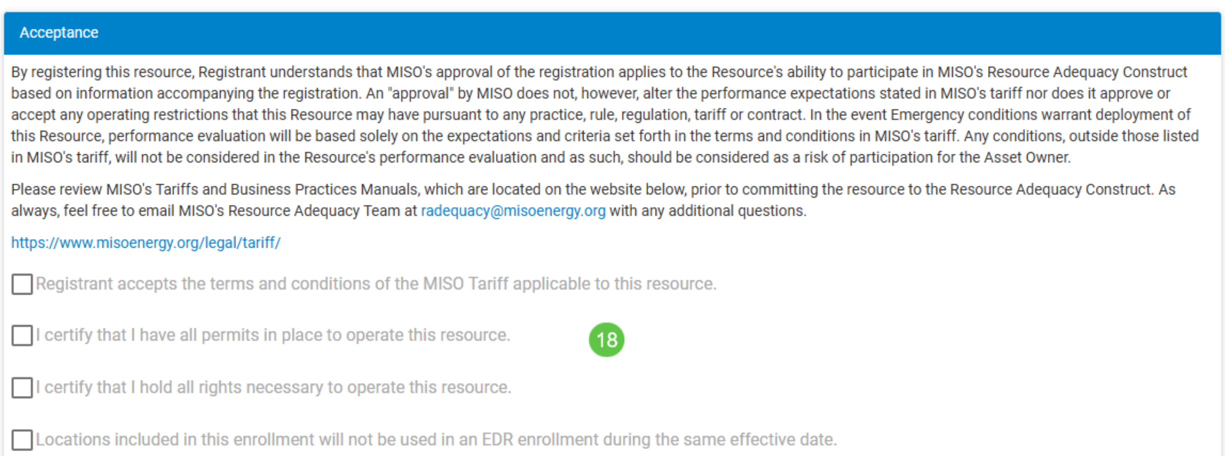


9) Select **Status Option.**
10) Check the box if asset is to be excluded from season.
11) Use drop-down to select **Generators**.
12) Enter **XEFORd Override.**
13) Enter **Max Interruptions**.

14) Use drop-down to select **Max Duration** hours.
15) Use drop-down to select **Notification Time**.
16) Add **Notification.**

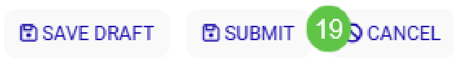


17) You will enter information for each season by repeating steps 9-16.
18) Check boxes to accept statements.



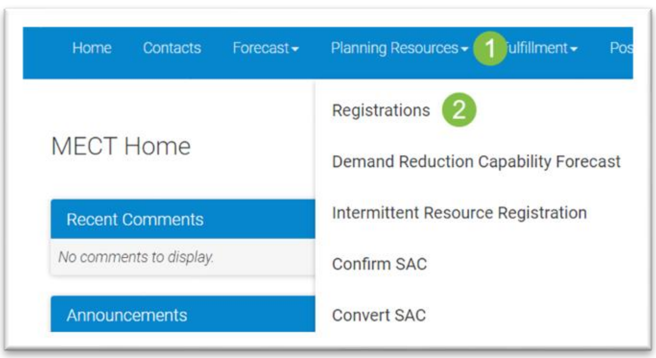
Note: You must accept at least two of the boxes in the acceptance statement to save draft.

19) **Submit** if renewal is complete. **Save Draft** if you need to finish later or to take advantage of the upload capabilities in the Demand Reduction Capabilities Forecast screen before submitting.

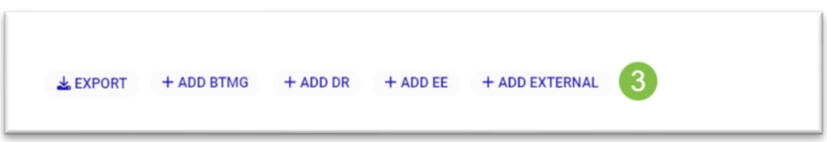


14.3 HOW TO REGISTER AN EXTERNAL RESOURCE

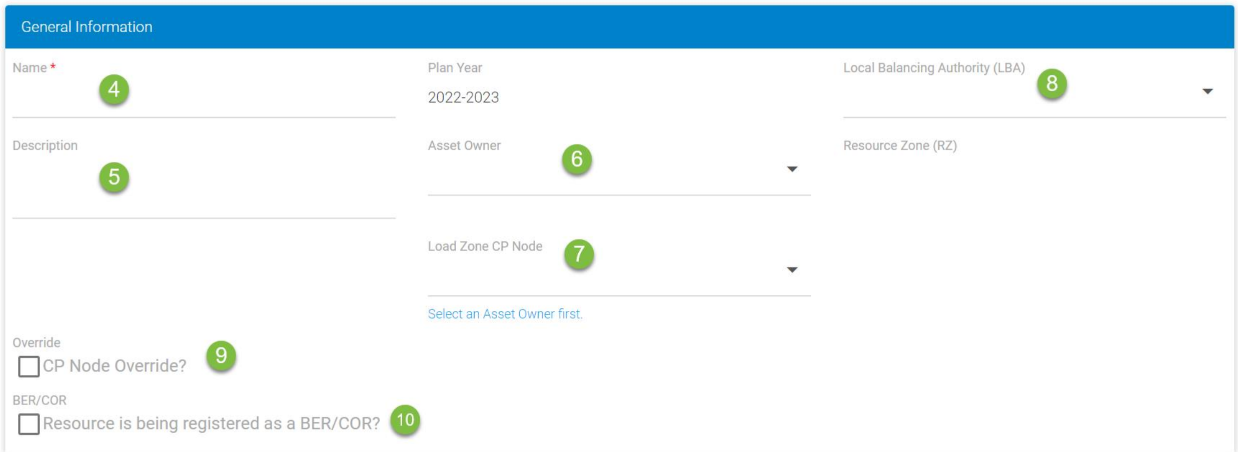
1) Navigate to Planning Resources in the header menu.
2) Select **Registrations.**



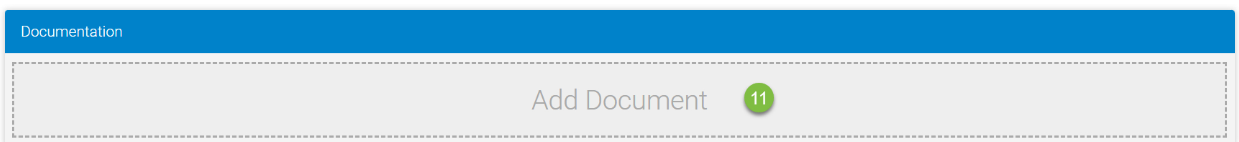
3) Select **Add External.**



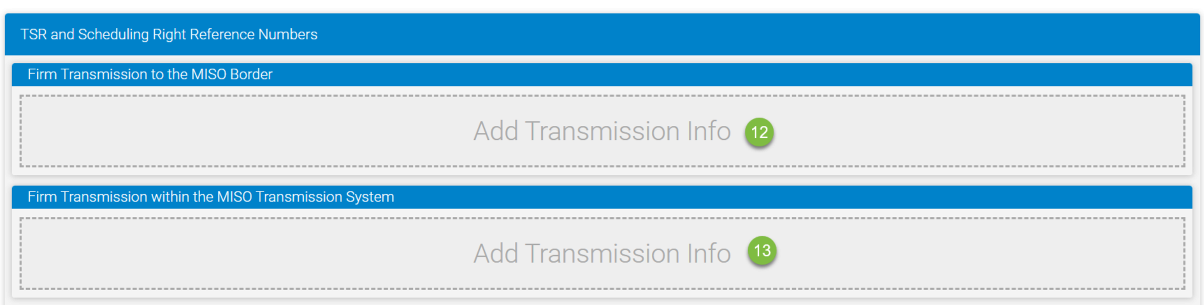
4) Enter the **Name** of the External Resource.
5) Enter **Description.**
6) Use drop-down to select **Asset Owner.**
7) Use drop-down to select **Load Zone CP Node.**
8) Use drop-down to select **Local Balance Authority (LBA).**
9) Check box if this is a **CP Node Override.**
10) Check box if Resource is being registered as a **BER/COR.**



11) Add **Document**.

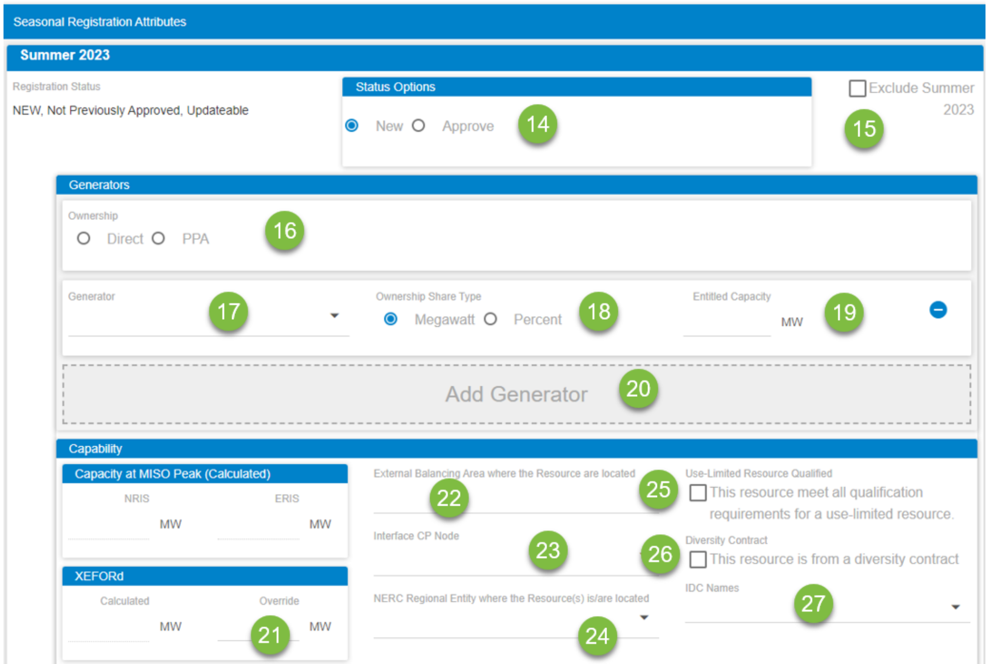


12) Add **Transmission Info** for Firm Transmission to the MISO Border.
13) Add **Transmission Info** for Firm Transmission within the MISO Transmission System.

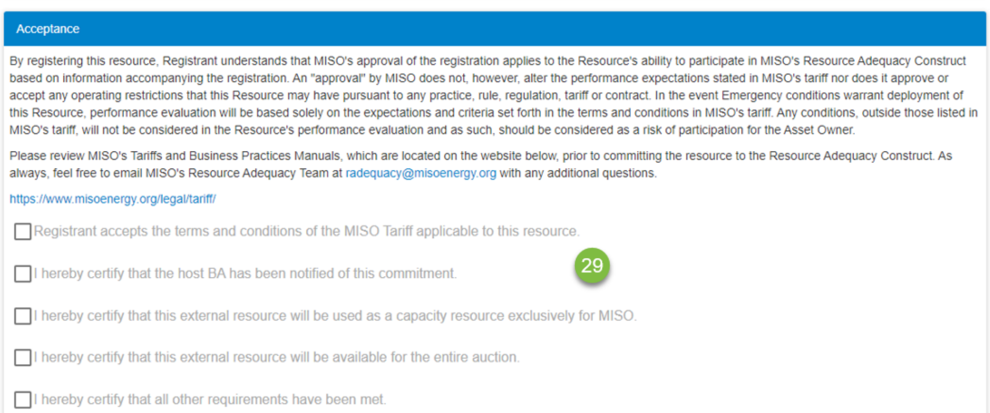


14.) Select **Status Options.**
15) Check box to Exclude Season**.**
16) Select **Generator Ownership.**
17) Use drop-down to select **Generator.**
18) Select **Ownership Share Type.**
19) Enter **Entitled Capacity.**
20) Add **Generator.**
21) Enter **Override** in MW.
22) Enter **External Balancing Area** where resource is located.
23) Use drop-down to select **Interface CP Node.**
24) Use drop-down to select **NERC Regional Entity** where resource is located.
25) Check box if this is a **Use-Limited Resource**.

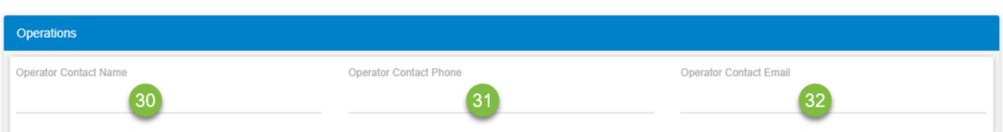
26) Check box if this resource is from a **Diversity Contract.**
27) Use drop-down to select **IDC Names.**



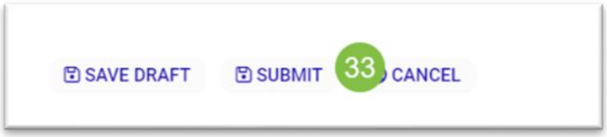
28) You will enter information for each season by repeating steps 14-27.
29) Select checkboxes for acceptance.



30) Enter **Operator Contact Name.**
31) Enter **Operator Contact Phone.**
32) Enter **Operator Contact Email.**



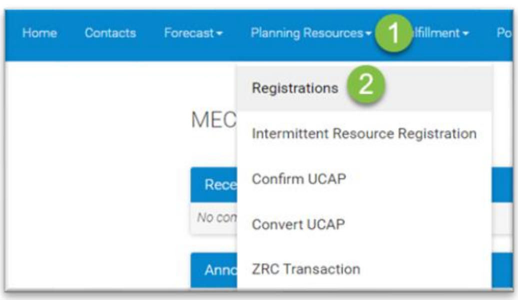
33) **Submit** if registration is complete. **Save Draft** if you need to finish later. **Cancel** to go back to the Registration Screen without making any changes.



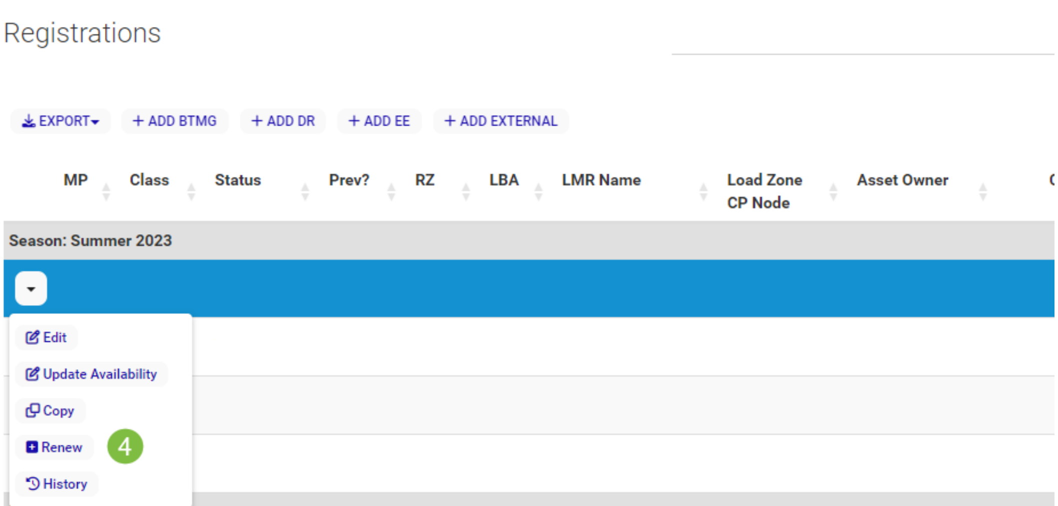
14.4 HOW TO RENEW AN EXTERNAL RESOURCE

From the Market Portal homepage, click **Launch MECT View/Submit** from the Module E Capacity Tracking (MECT) box.

1) Navigate to **Planning Resources** in the header menu.
2) Select **Registrations.**

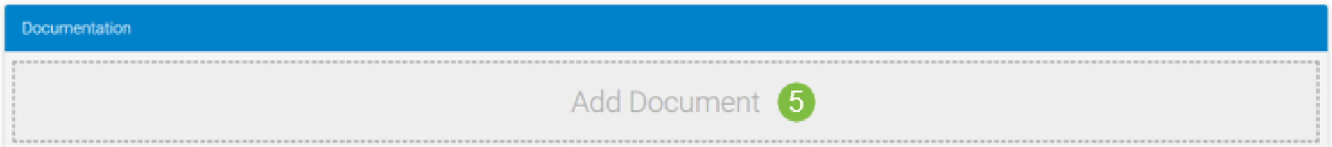


3) From the drop-down arrow next to the Planning Year, select the **PRIOR Planning Year**, from the one you are renewing for.
4) Under the list of your Registrations, find the External Resource (ER) you would like to renew. Click the **down arrow** by its name. The drop-down will appear, select **Renew**.

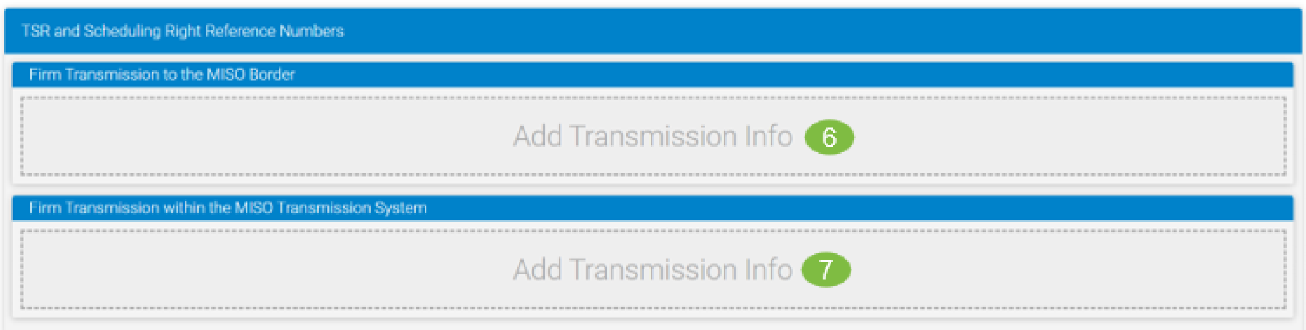


Note: Basic information from when you registered asset will carry over, but you will need to do the following:

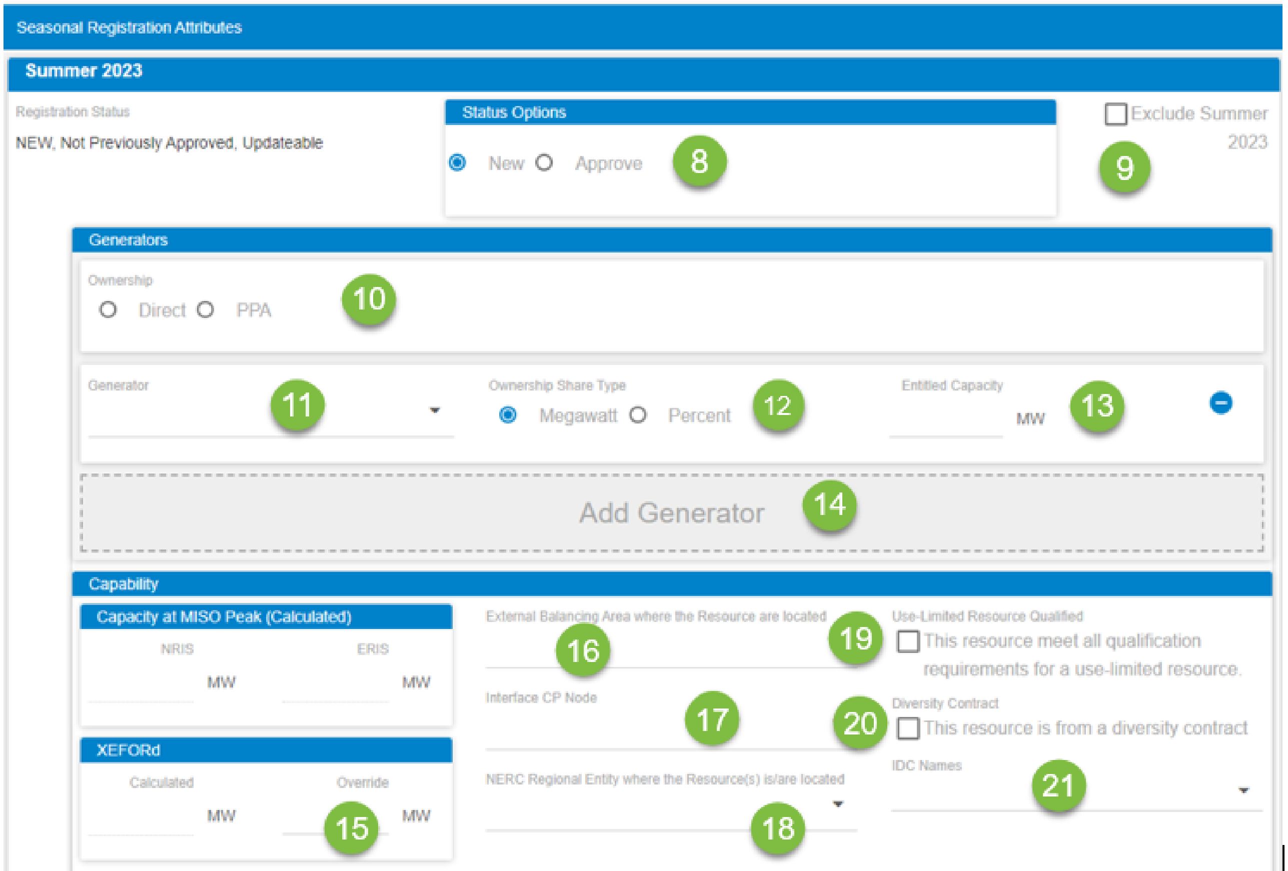
5) Add **Document**.



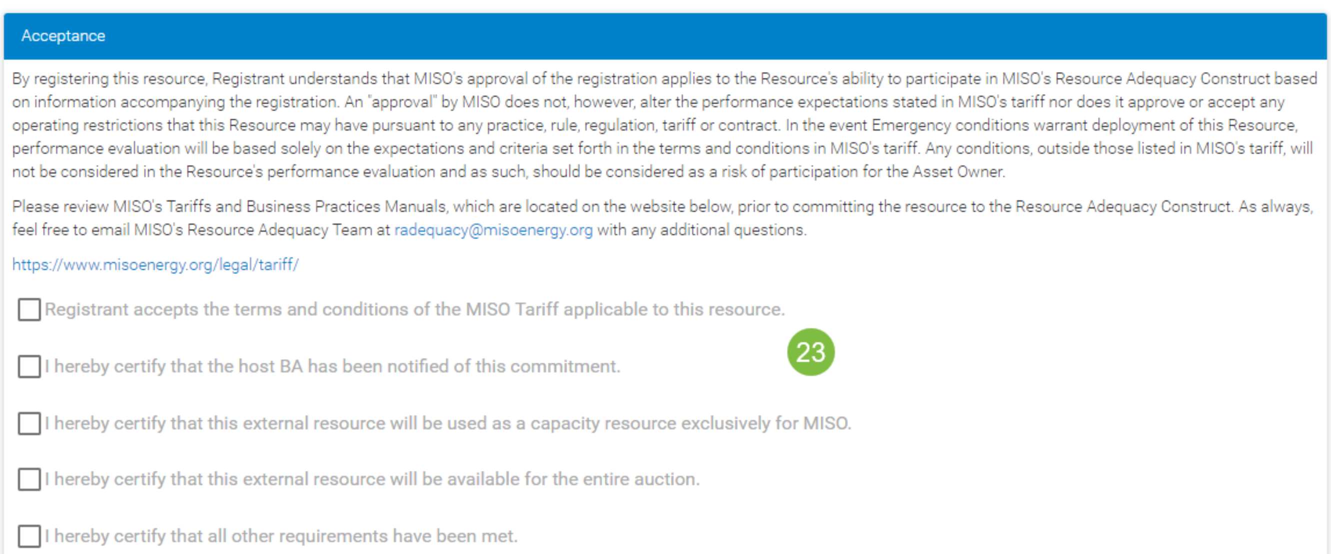
6) Add **Transmission Info** for Firm Transmission to the MISO Border.
7) Add **Transmission Info** for Firm Transmission within the MISO Transmission System.



8) Select **Status Options.**
9) Check box to Exclude Season**.**
10) Select **Generator Ownership.**
11) Use drop-down to select **Generator.**
12) Select **Ownership Share Type.**
13) Enter **Entitled Capacity.**
14) Add **Generator.**
15) Enter **Override** in MW.
16) Enter **External Balancing Area** where resource is located.
17) Use drop-down to select **Interface CP Node.**
18) Use drop-down to select **NERC Regional Entity** where resource is located.
19) Check box if this is a **Use-Limited Resource**.
20) Check box if this resource is from a **Diversity Contract.**
21) Use drop-down to select **IDC Names.**



22) You will enter information for each season by repeating steps 8-21.
23) Select checkboxes for acceptance.



Acceptance

By registering this resource, Registrant understands that MISO's approval of the registration applies to the Resource's ability to participate in MISO's Resource Adequacy Construct based on information accompanying the registration. An "approval" by MISO does not, however, alter the performance expectations stated in MISO's tariff nor does it approve or accept any operating restrictions that this Resource may have pursuant to any practice, rule, regulation, tariff or contract. In the event Emergency conditions warrant deployment of this Resource, performance evaluation will be based solely on the expectations and criteria set forth in the terms and conditions in MISO's tariff. Any conditions, outside those listed in MISO's tariff, will not be considered in the Resource's performance evaluation and as such, should be considered as a risk of participation for the Asset Owner.

Please review MISO's Tariffs and Business Practices Manuals, which are located on the website below, prior to committing the resource to the Resource Adequacy Construct. As always, feel free to email MISO's Resource Adequacy Team at radequacy@misoenergy.org with any additional questions.

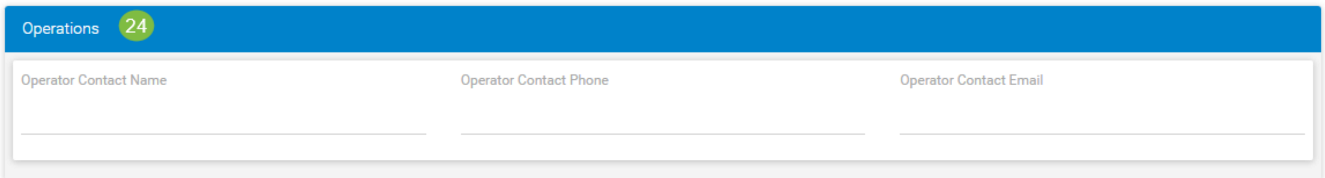
https://www.misoenergy.org/legal/tariff/

- [ ] Registrant accepts the terms and conditions of the MISO Tariff applicable to this resource.
- [ ] I hereby certify that the host BA has been notified of this commitment.
- [ ] I hereby certify that this external resource will be used as a capacity resource exclusively for MISO.
- [ ] I hereby certify that this external resource will be available for the entire auction.
- [ ] I hereby certify that all other requirements have been met.

23

Note: You must accept at least two of the boxes in the acceptance statement to save draft.

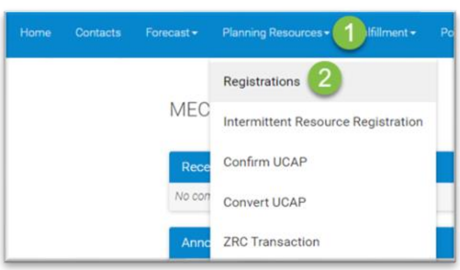
24) Double check that Operator information is correct.



25) **Submit** if renewal is complete. **Save Draft** if you need to finish later.

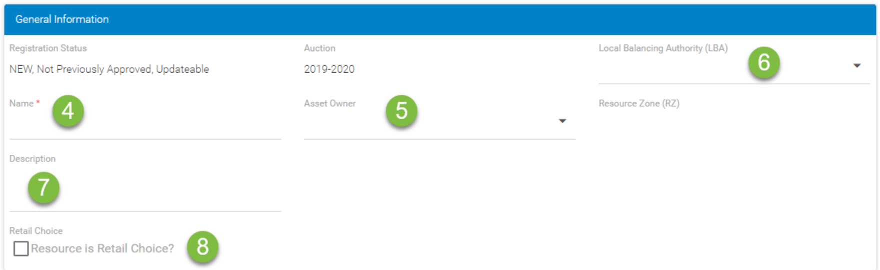
14.5 HOW TO REGISTER AN ENERGY EFFICIENCY

1) Navigate to **Planning Resources** in the header menu.
2) Select **Registrations.**

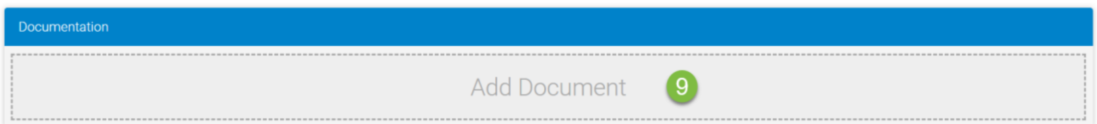


3) Select **Add EE**.

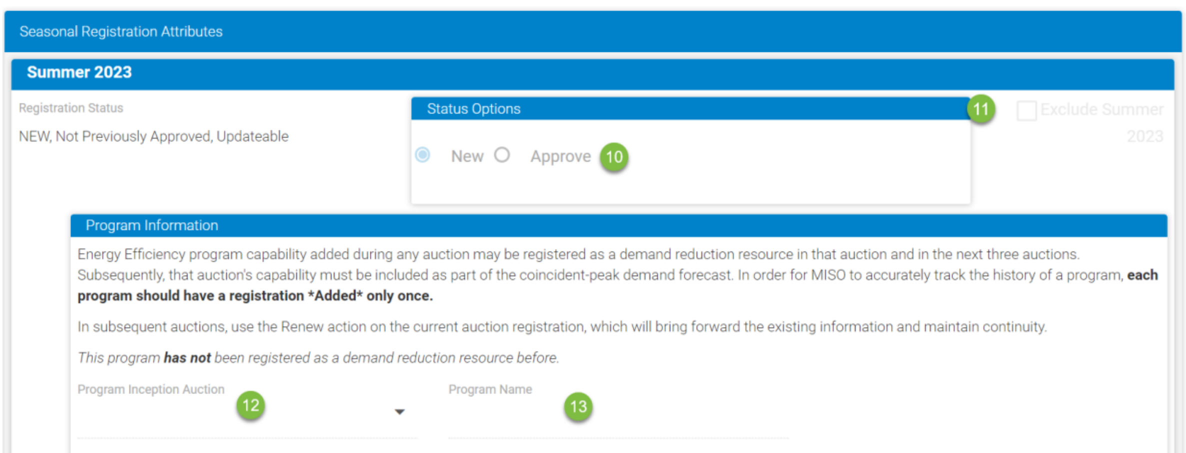
4) Enter the **Name of the EE**.
5) Use the dropdown to select **Asset Owner**.
6) Use the dropdown to select **Local Balance Authority (LBA)**.
7) Enter **Description**.
8) Check box if Resource is Retail Choice.



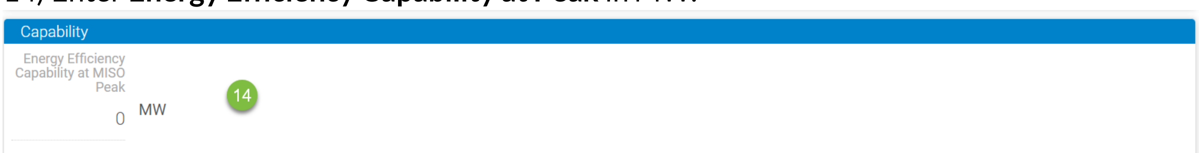
9) Add **Document**.



10) Select **Status Option**.
11) Click checkbox to **Exclude** from season.
12) Use drop-down to select **Program Inception Auction**.
13) Enter **Program Name.**



14) Enter **Energy Efficiency Capability at Peak** in MW.



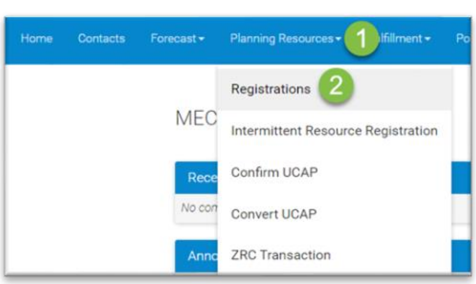
15) You will enter information for each season by repeating steps 11-14.
16) Check acceptance statement boxes.

17) **Submit** if registration is complete. **Save Draft** if you need to finish later. **Cancel** to go back to the Registration Screen without making any changes.

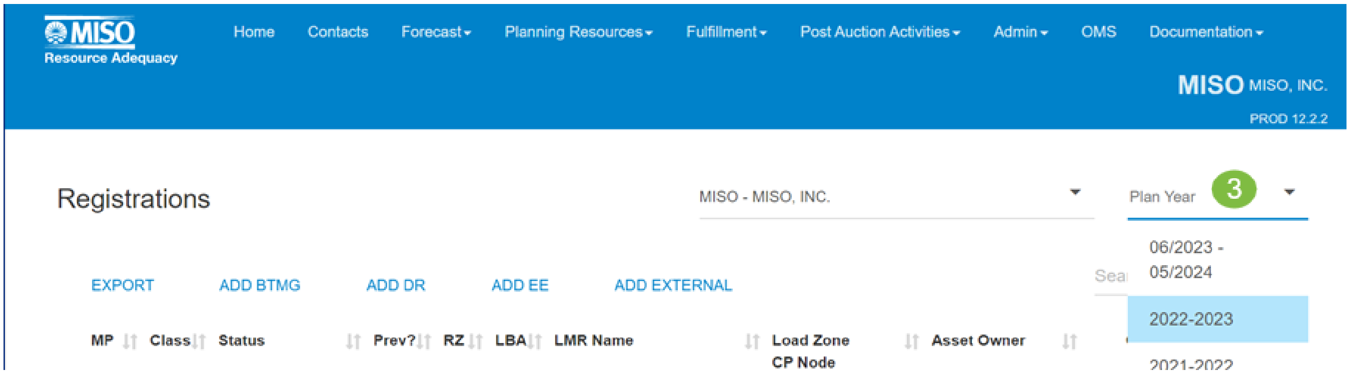
14.6 HOW TO RENEW AN ENERGY EFFICIENCY

From the Market Portal homepage, click **Launch MECT View/Submit** from the Module E Capacity Tracking (MECT) box.

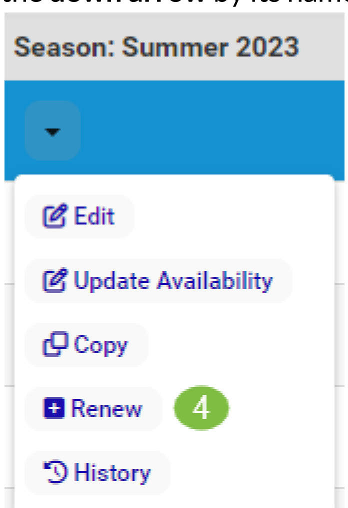
1) Navigate to **Planning Resources** in the header menu.
2) Select **Registrations.**



3) From the drop-down arrow next to the Planning Year, select the **PRIOR Planning Year**, from the one you are renewing for.

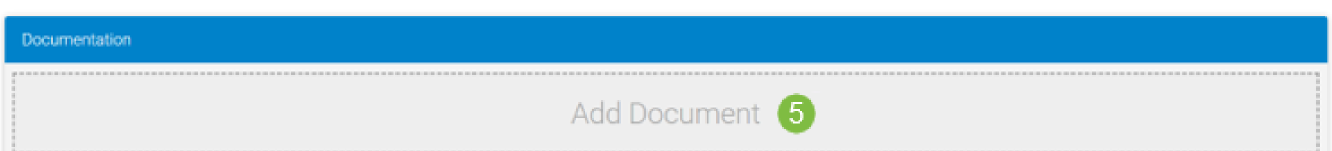


4) Under the list of your Registrations, find the Energy Efficiency you would like to renew. Click the **down arrow** by its name. The drop-down will appear, select **Renew**.

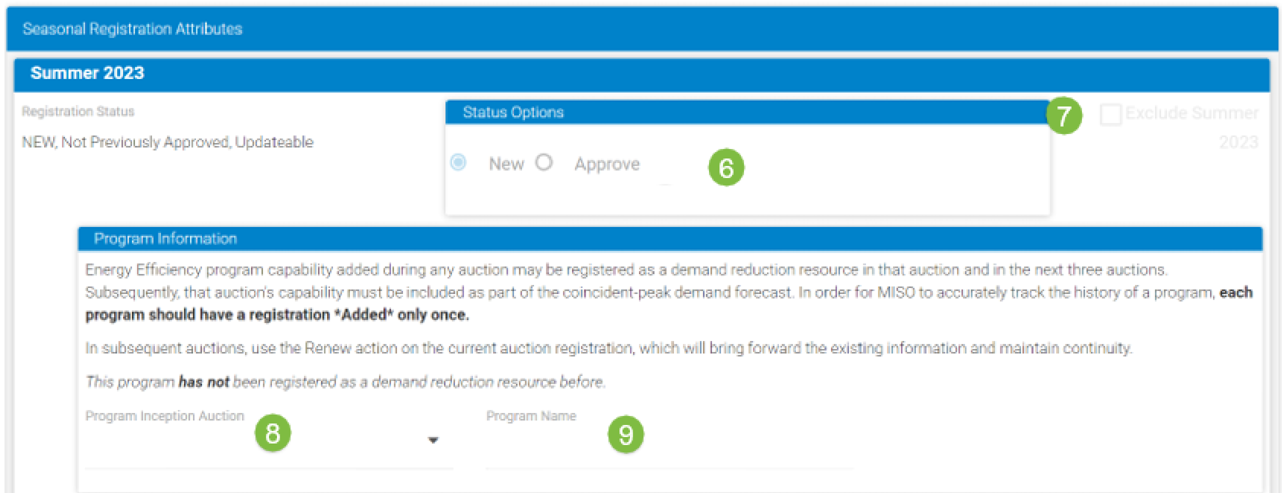


Note: Basic Information from when you registered asset will carry over, but you will need to do the following:

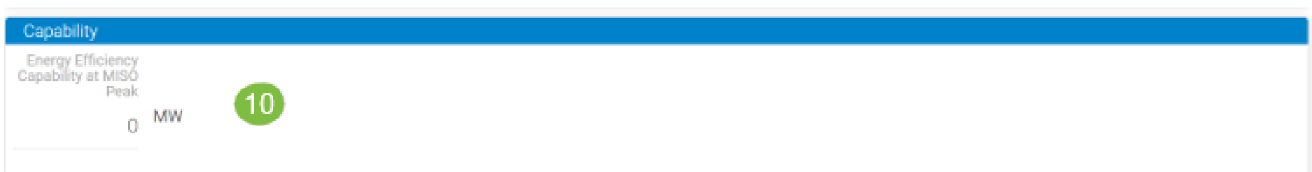
5) Add **Document**.



6) Select **Status Option**.
7) Click checkbox to exclude from season.
8) Use drop-down to select **Program Inception Auction**.
9) Enter **Program Name.**



10) Enter **Energy Efficiency Capability at Peak** in MW.

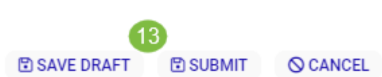


11) You will enter information for each season by repeating steps 5-10.

12) Check acceptance statement boxes.

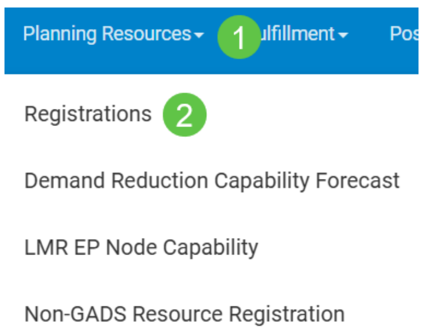
Note: You must accept both boxes in the acceptance statement to save draft.

13) **Submit** if renewal is complete. **Save Draft** if you need to finish later.



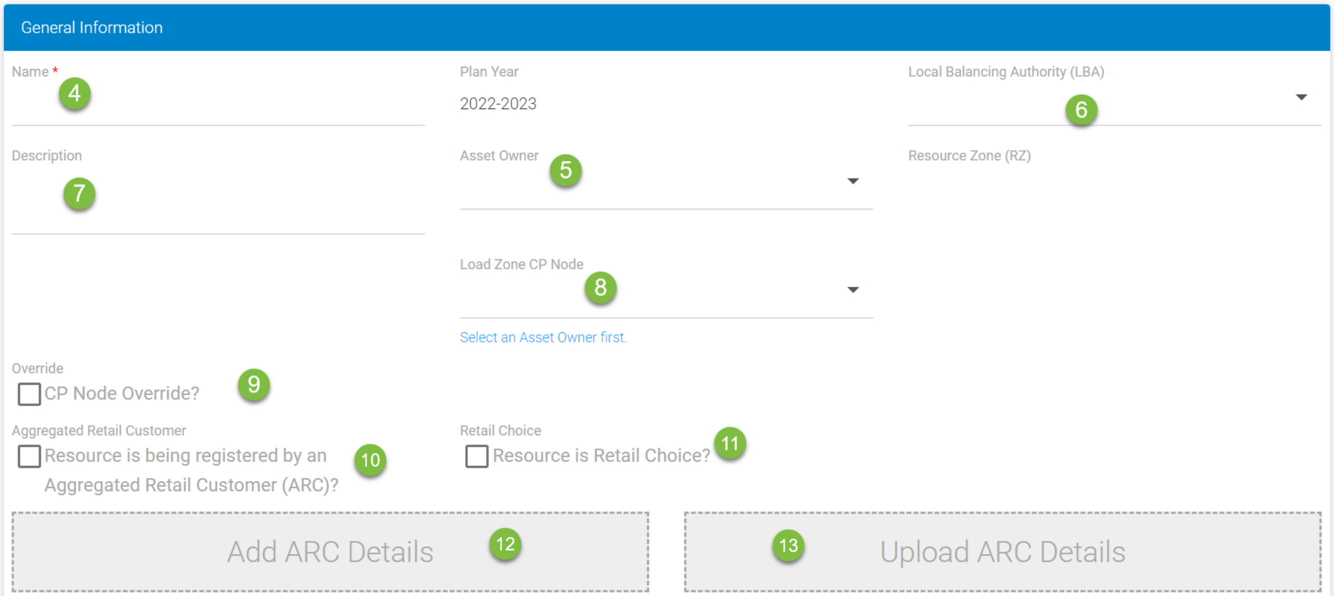
14.7 HOW TO REGISTER A DEMAND RESPONSE RESOURCE (DRR)

1) Navigate to **Planning Resources** in the header menu.
2) Select **Registrations.**

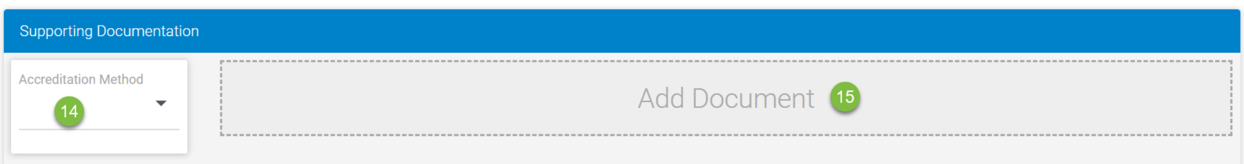


3) Select **Add DR.**

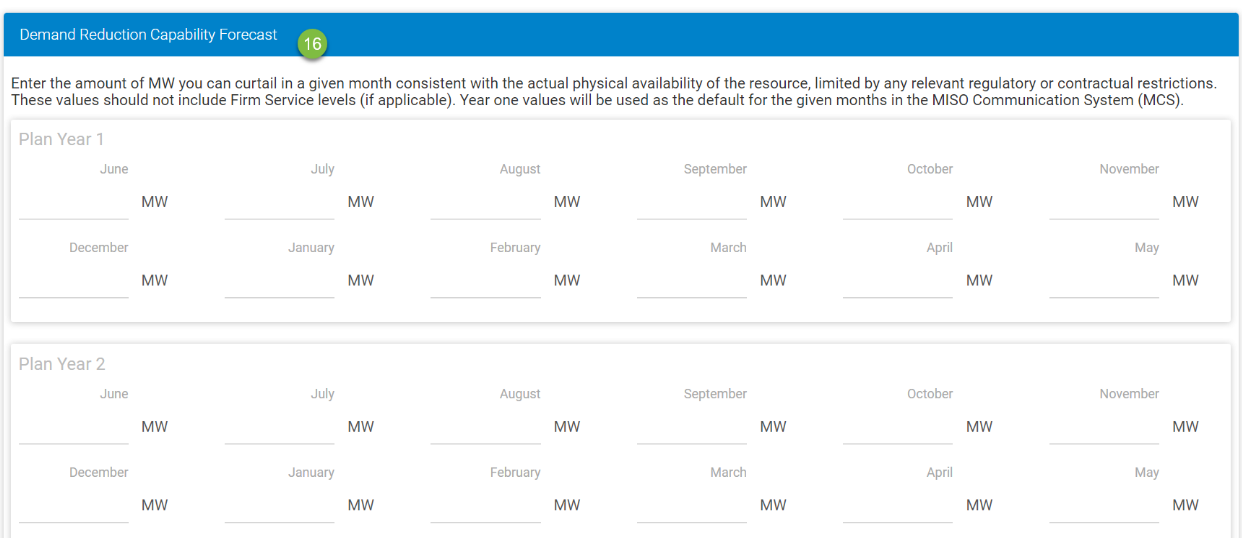
4) Enter the Name of the **DR.**
5) Use the drop-down to select **Asset Owner.**
6) Use the drop-down to select **Local Balance Authority (LBA).**
Resource Zone will auto-populate based on the LBA/Asset Owner selection.
7) Enter **Description.**
8) Use drop-down to select **Load Zone CP Node.**
9) Check box to override **CP Node.**
10) Check box if resource is being registered by an **Aggregated Retail Customer (ARC).**
11) Check box if **Resource is Retail Choice.**
12) Add **ARC Details.**
13) Upload **ARC Details.**

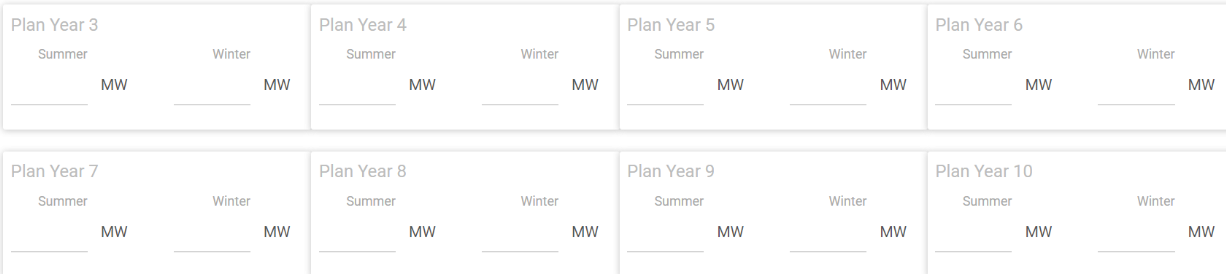


14) Use drop-down to select **Accreditation Method.**
15) Add **Document**. Please reference BPM-11, Section 4.2.9 for more information.

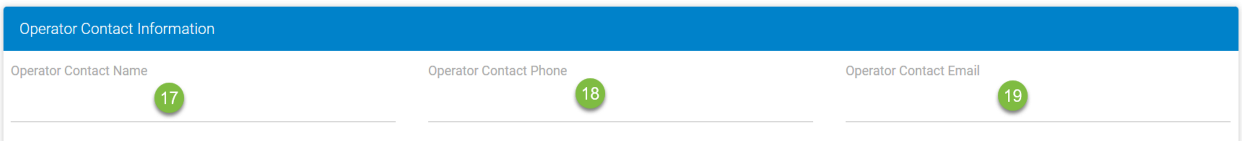


16) Enter **Demand Reduction Capability Forecast** manually here or save draft and take advantage of the bulk-upload capability in the Demand Reduction Capability Forecast screen for all resources at once after all resources are drafted, prior to submitting.

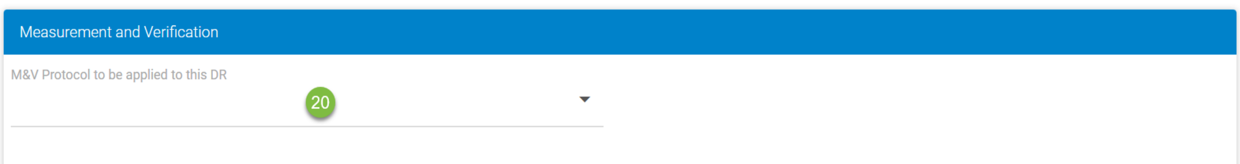




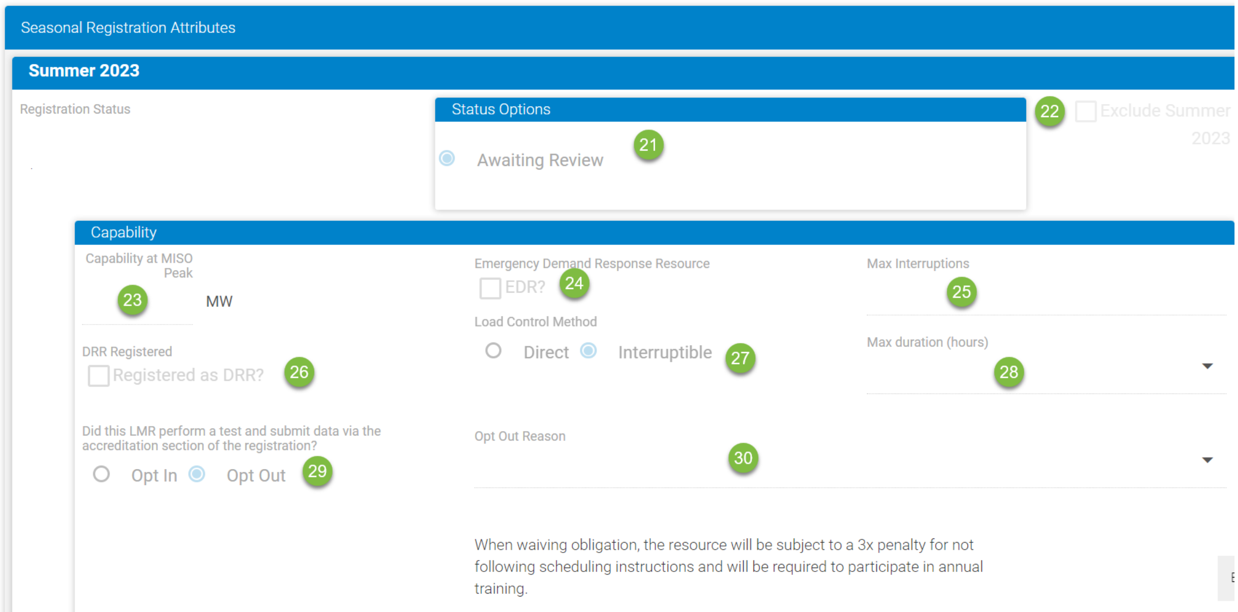
17) Enter **Operator Contact Name.**
18) Enter **Operator Contact Phone.**
19) Enter **Operator Contact Email**.



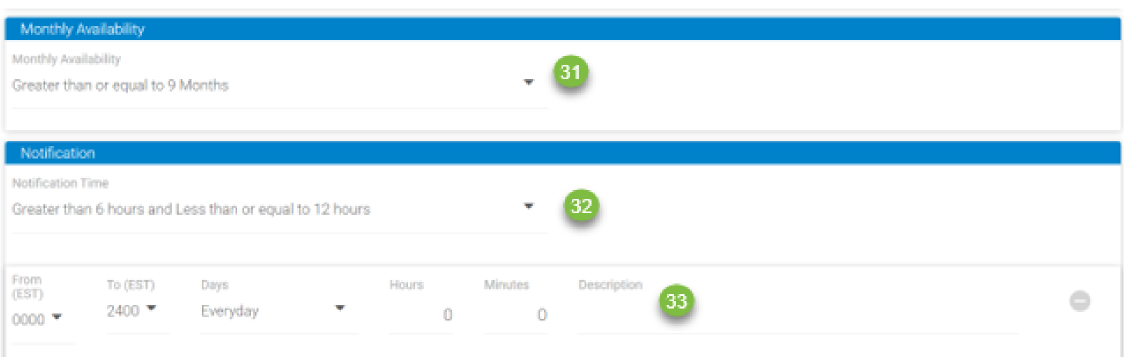
20) Use drop-down to select **Measurement and Verification** applied to DR.



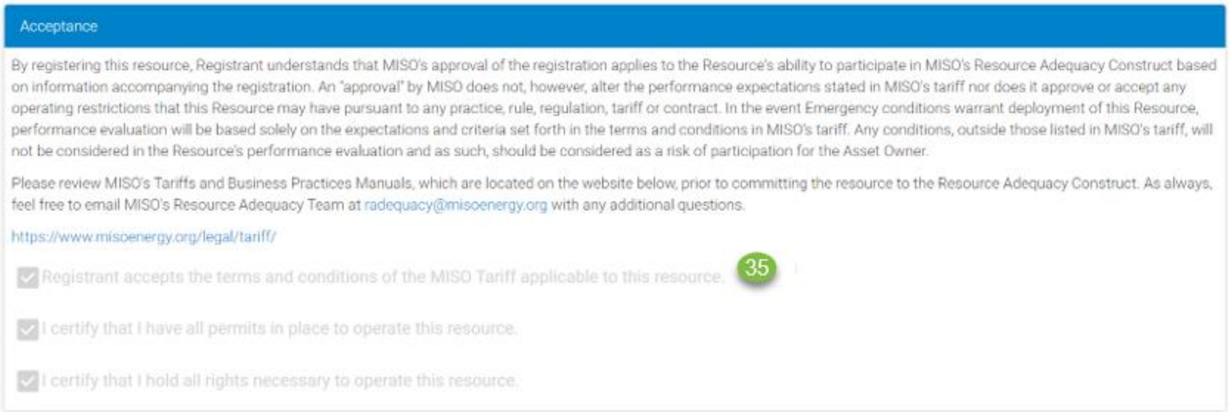
21) Select **Status Option.**
22) Check the box if asset is to be excluded from season.
23) Enter **Capability at MISO Peak** in MWs.
24) Check box if asset is an **Emergency Demand Response Resource**.
25) Enter **Max Interruptions**.
26) Check box if asset is registered as a **DRR**.
27) Select **Load Control Method**.
28) Select drop-down for **Max duration** (hours).
29) Select if the LMR performed a test and submitted data via the accreditation section of the registration.
30) Enter **Opt Out Reason** if applicable.



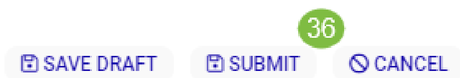
31) Use the drop-down to select **Monthly Availability.**
32) Use the drop-down to select **Notification Time.**
33) You can specify time by entering the **From (EST), To(EST), Days, Hours, Minutes** and **Description**.



34) You will enter information for each season by repeating steps 21-33.
35) Select checkboxes for acceptance.

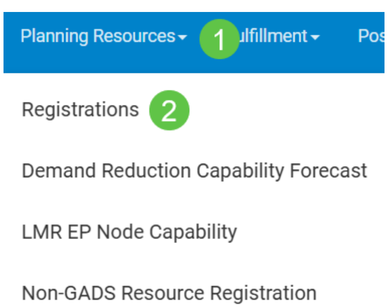


36) **Submit** if registration is complete. **Save Draft** if you need to finish later. **Cancel** to go back to the Registration Screen without making any changes.

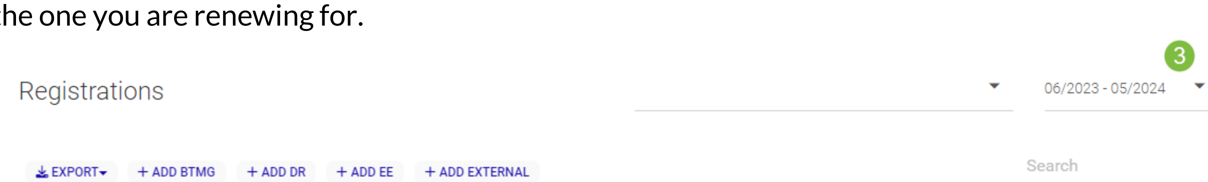


14.8 HOW TO RENEW A DEMAND RESPONSE RESOURCE (DRR)

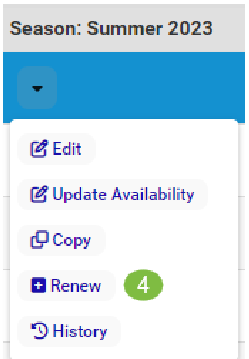
1) Navigate to **Planning Resources** in the header menu.
2) Select **Registrations.**



3) From the drop-down arrow next to the Planning Year, select the **PRIOR Planning Year**, from the one you are renewing for.

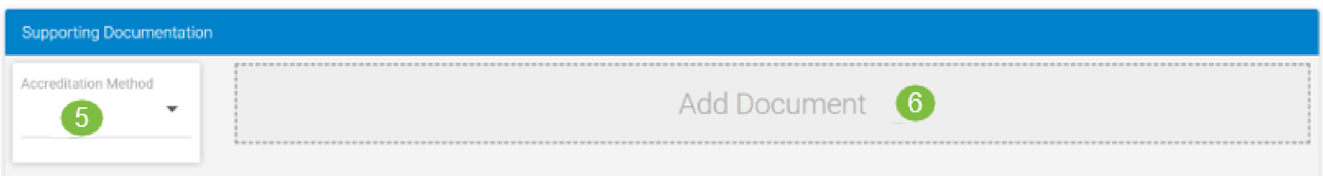


4) Under the list of your Registrations, find the Demand Response Resource (DR) you would like to renew. Click the **down arrow** by its name. The drop-down will appear, select **Renew**.

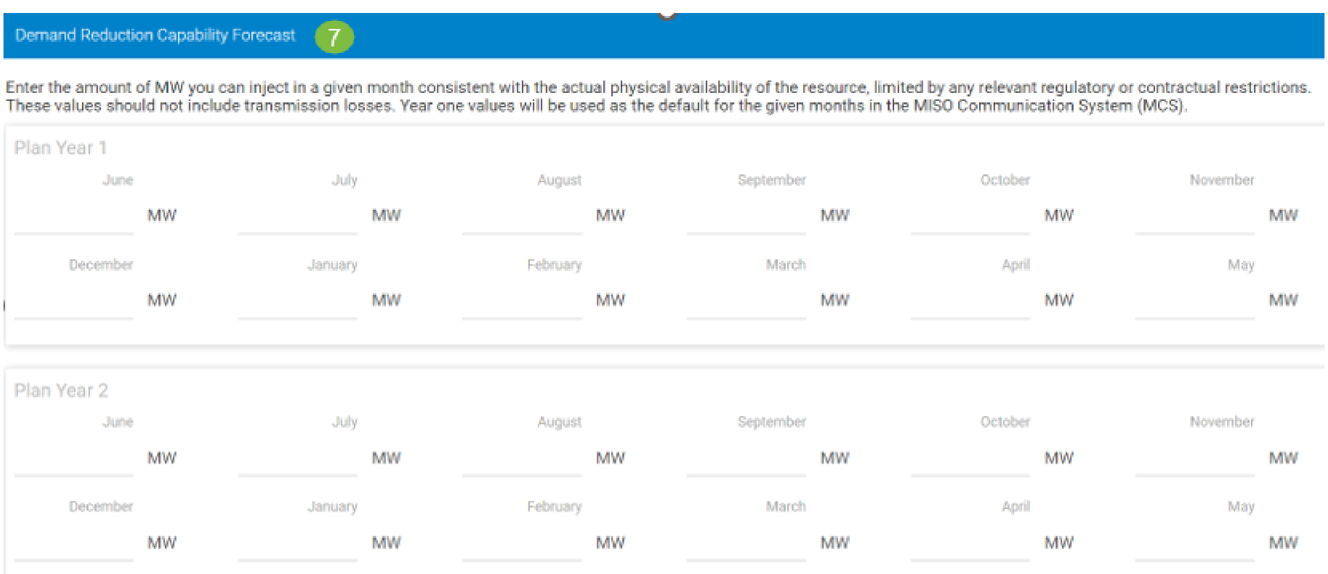


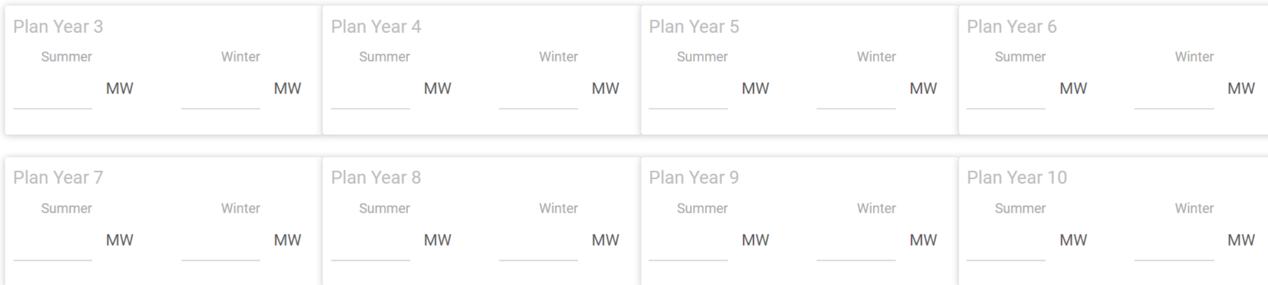
Note: Basic Information from when you registered asset will carry over, but you will need to do the following:

5) Use drop-down to select **Accreditation Method**.
6) Add **Documentation.** (This can be waivers, retail contracts and all other information required for registration) For more information refer to Attachment TT of the Tariff, BPM-026 Demand Response. BPM 11 – 4.2.7.8 Demand Resource – Testing Requirements

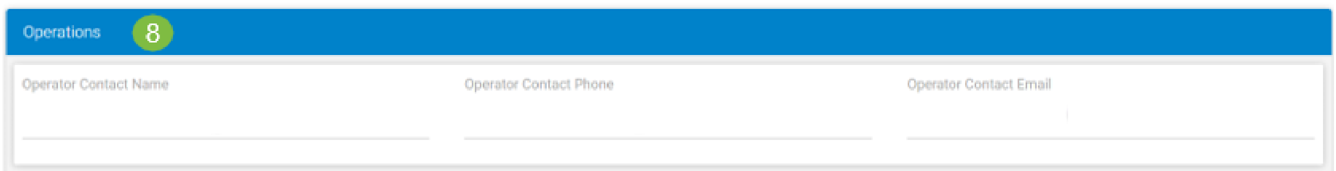


7) Double check that all the values are updated for the current registration. One-off updates can be made here or via the bulk-upload capability in the Demand Reduction Capability Forecast screen.

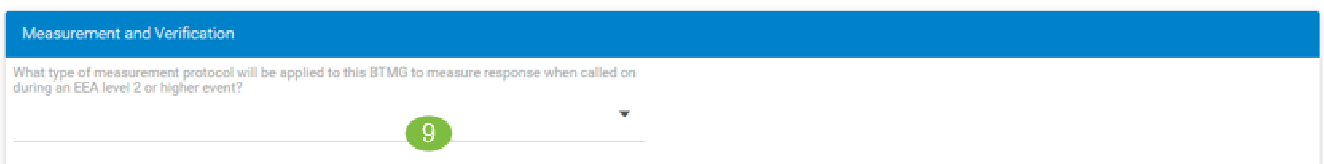




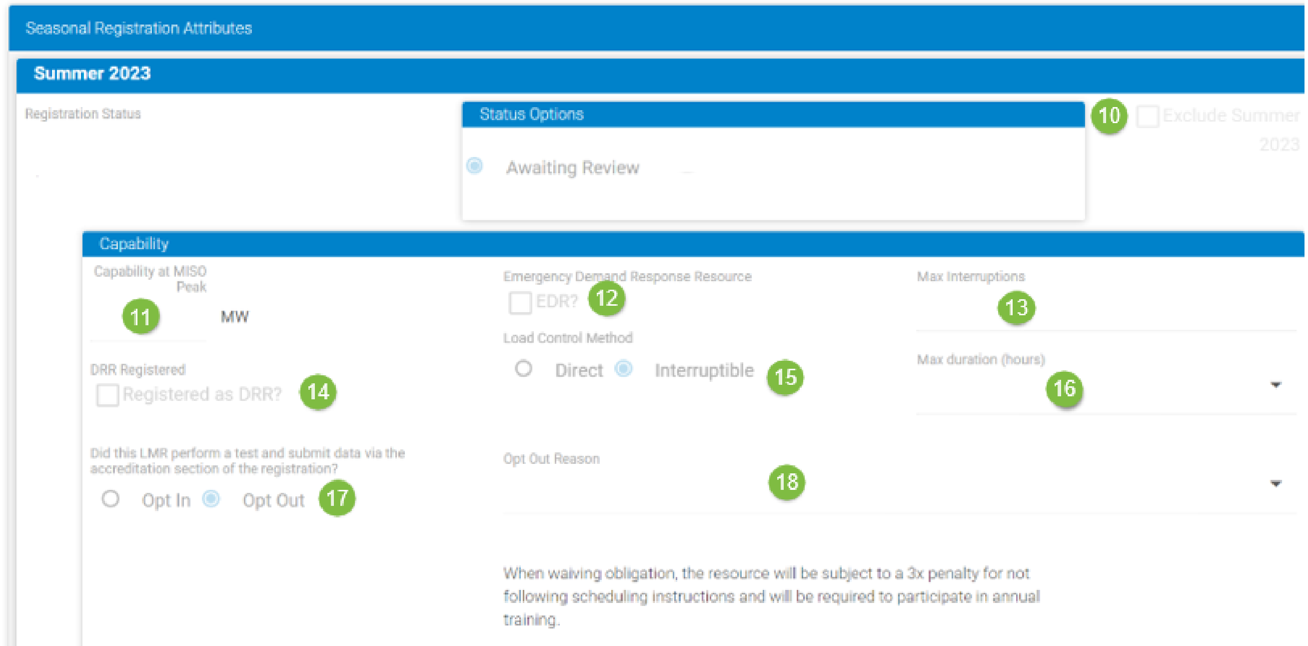
8) Double check that Operator information is correct.



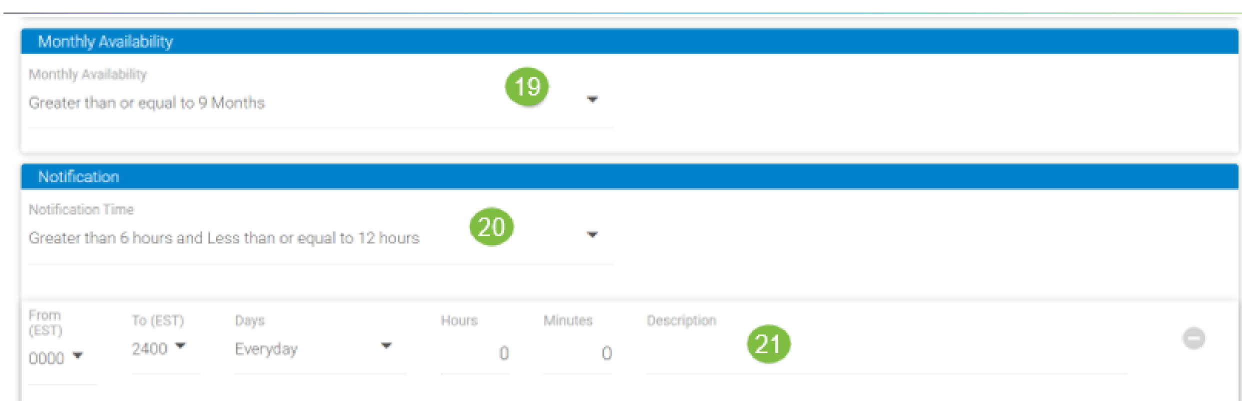
9)Use drop-down to select **Measurement and Verification** applied to DR.



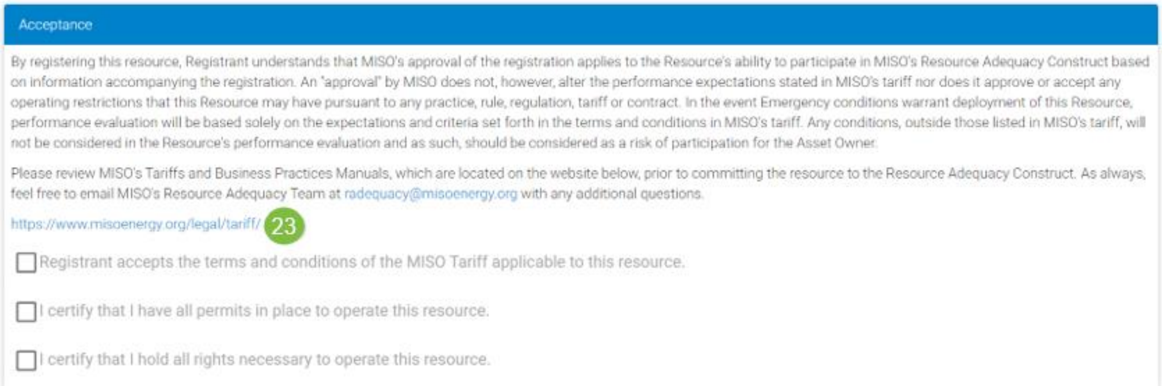
10) Check the box if asset is excluded from season.
11) Enter **Capability at MISO Peak** in MWs.
12) Check box if asset is an **Emergency Demand Response Resource.**
13) Enter **Max Interruptions.**
14) Check box if asset is registered as a DRR.
15) Select **Load Control Method.**
16) Select drop-down for **Max duration (hours).**
17) Select if the LMR performed a test and submitted data via the accreditation section of the registration.
18) Enter **Opt Out Reason** if applicable.



19) Use drop-down to select **Monthly Availability**.
20) Use drop-down to select **Notification Time.**
21) You can specify time by entering the **From(EST)**, **To(EST), Days, Hours, Minutes** and **Description.**



22) You will enter information for each season by repeating steps 10-21.
23) Select checkboxes for acceptance.



Note: You must accept at least two of the boxes in the acceptance statement to save draft.

24) **Submit** if renewal is complete. **Save Draft** if you need to finish later.

15. LMR EP NODE CAPABILITY

Access and BPM Reference

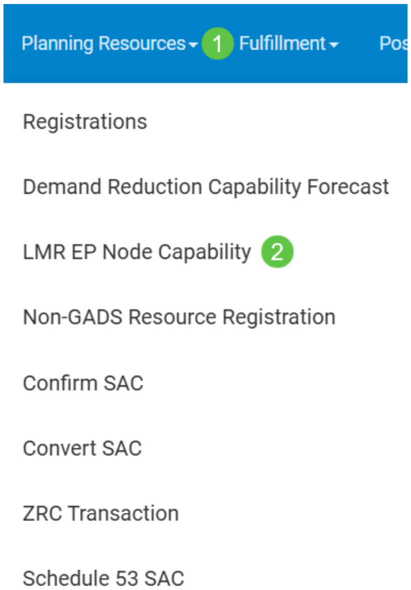
Responsibility	Planning Resource Owner
User Role Requirement	Operator-Submit, Operator-View

Description

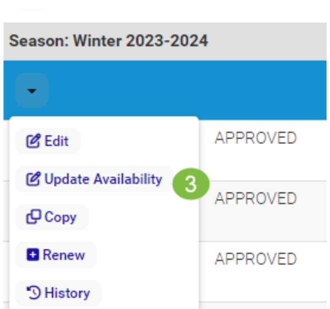
MISO will update LMR Availability in the DSRI once a month with the monthly availability submitted for the LMR at the time of registration as the default values. MPs should always update these values to ensure the availability is accurate as Scheduling Instructions will be based on the LMR Availability in the DSRI. Immediate availability updates should be made directly in the DSRI, but if MPs need to update availability for future months, it can be done in MECT.

The update availability screen is available once the resource has been approved and is only available for BTMGs and Demand Response Resources.

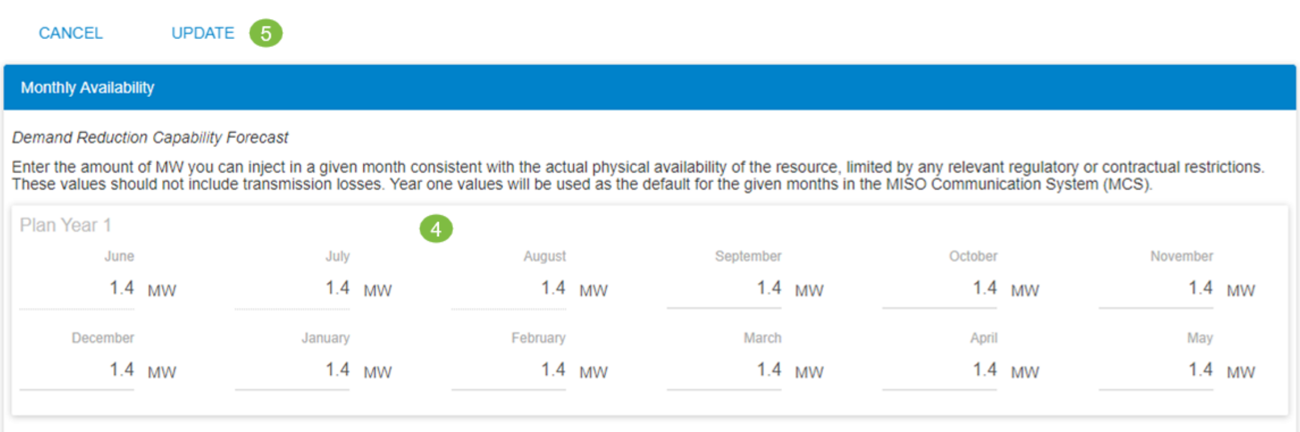
1) Navigate to **Planning Resources** in the header menu.
2) Select **LMR EP Node Capability.**



3) Click down arrow next to asset and select **Update Availability.**



4) Enter **Availability.**
5) Click **Update** to save or **Cancel** to go back without making changes.



16. NON-GADS RESOURCE REGISTRATION

Access and BPM Reference

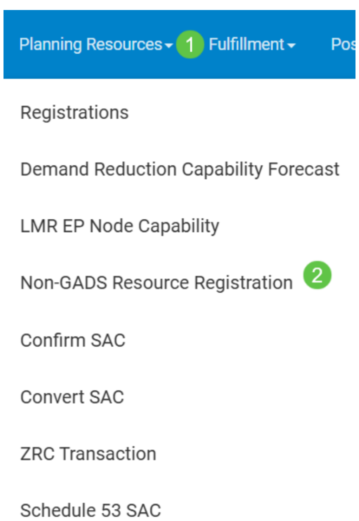
Responsibility	Planning Resource Owner
User Role Requirement	Operator-Submit, Operator-View

Description

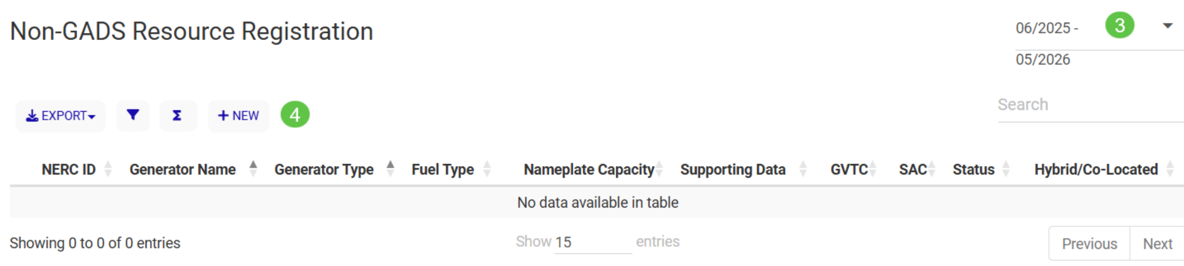
The Intermittent Resource Registration screen allows Market Participants to submit the required data included in the Intermittent Data Template into MECT. MPs will have the option of creating a new intermittent resource or renewing an existing one from a previous season.

16.1 HOW TO REGISTER A NON-GADS RESOURCE

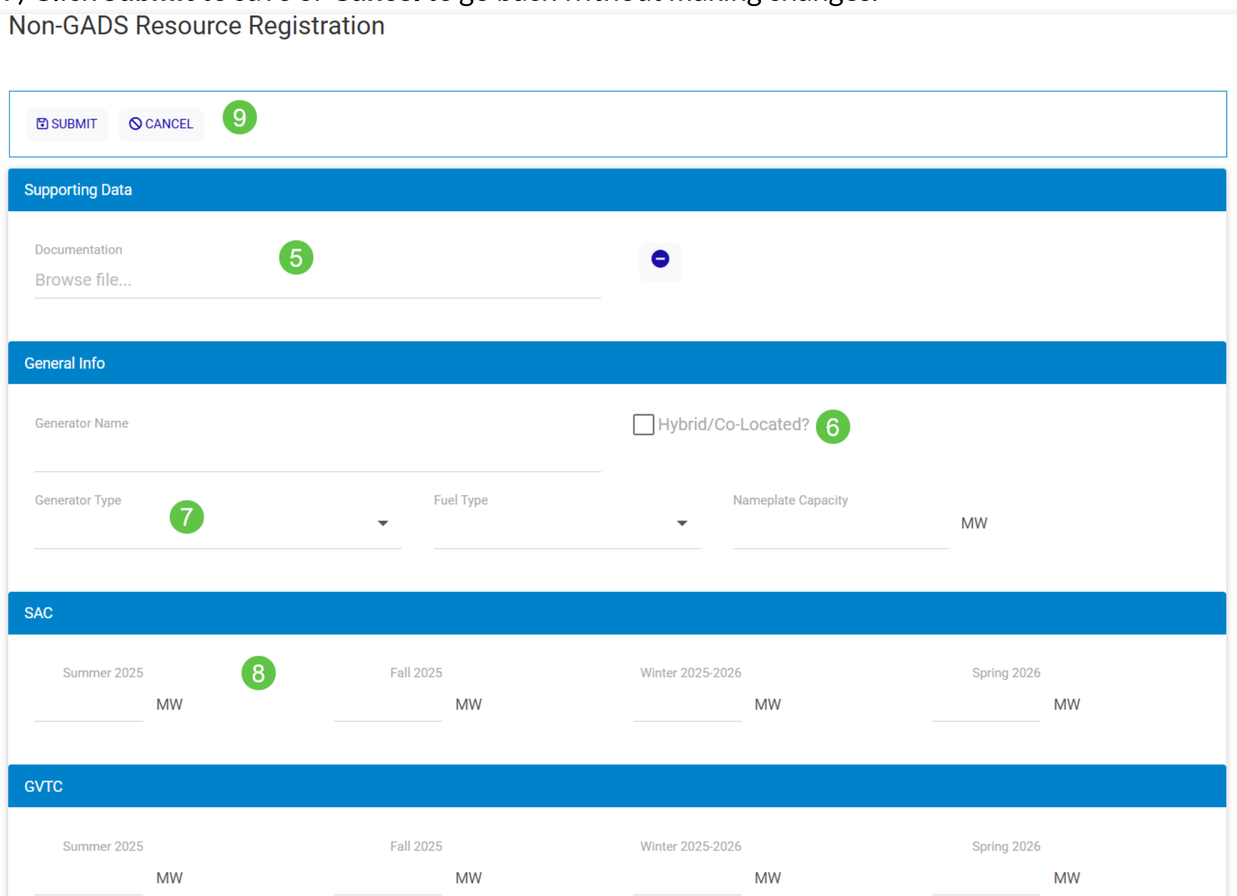
1) Click **Planning Resources** from the header menu**.**
2) Select **Non-GADS Resource Registration.**



3) Use drop-down to select **Season**.
4) Click **New.**

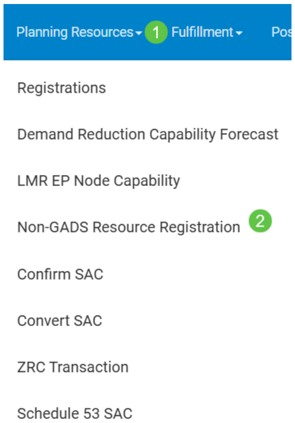


5) Attach Documentation for Reporting Data. The document import process may take a few seconds. It will autofill the Generator Name, Nameplate Capacity, Fuel Type and GVTC fields for you.
6) Check box if Hybrid/Co-Located.
7) Use drop-down to select **Generator Type**.
8) Enter **SAC** MW per Season.
9) Click **Submit** to save or **Cancel** to go back without making changes.

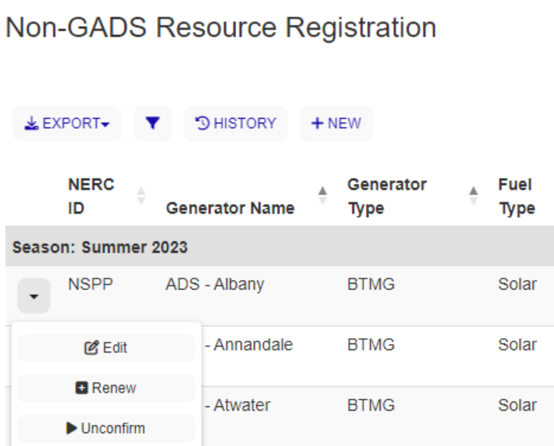


16.2 HOW TO RENEW A NON-GADS RESOURCE

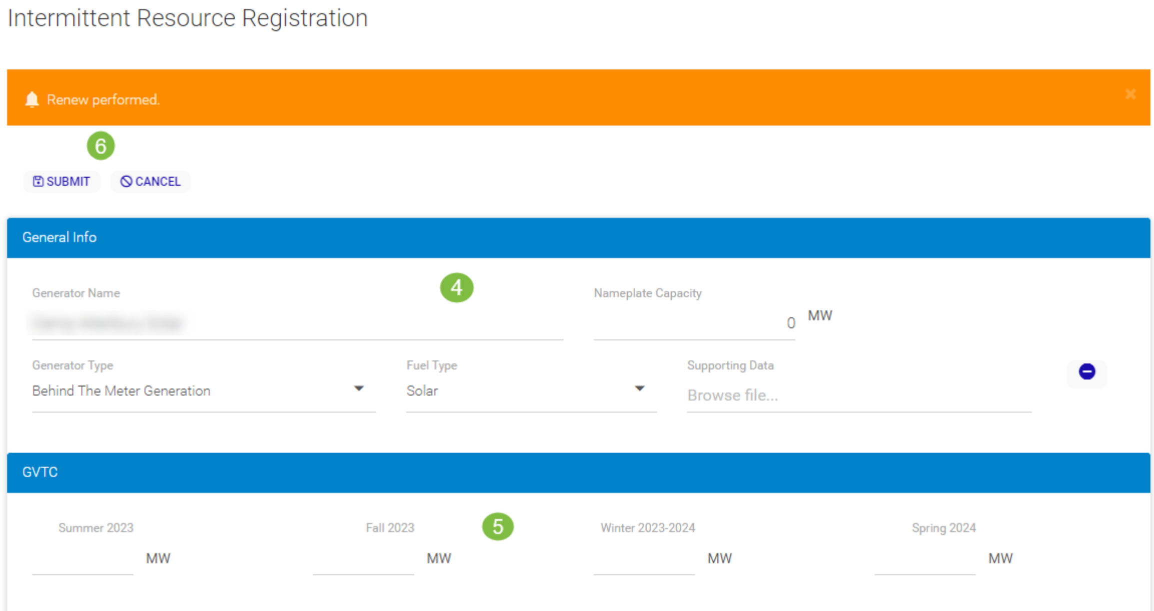
1) Click **Planning Resources** from the header menu.
2) Select **Non-GADS Resource Registration.**



3) Use drop-down arrow on the asset you want to renew and click **Renew**.



4) Check that all General Info is accurate.
5) Enter **GVTC MW** for each season.
6) Click **Submit.**



17. CONFIRM SAC

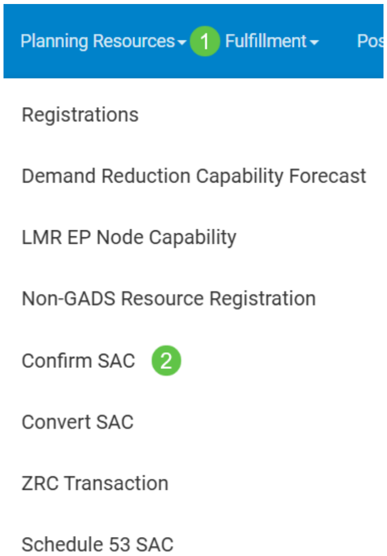
Access and BPM Reference

Responsibility	Planning Resource Owner
User Role Requirement	Operator – Submit, Operator – view
BPM 11 Resource Adequacy	5.5.3 Conduct of the PRA

Description

The Confirm SAC screen allows MPs to view the calculated Seasonal Accredited Capacity (SAC) values, along with other relevant information including ICAP, GVTC, NRIS, ERIS and XEFORDs for each registered resource.

1Navigate to **Planning Resources** in the header menu. .
2) Select **Confirm SAC.**



3) Select **Season** from the drop-down menu.
4) Click the **Confirm SAC box.**
5) Click **Submit.**

18. CONVERT SAC

Access and BPM Reference

Responsibility	Planning Resource Owner
User Role Requirement	Operator – Submit, Operator – view
BPM 11 Resource Adequacy	4.3 Confirmation & Conversion of SAC MW

Description

The Convert SAC page is used by MPs to convert all or a portion of the confirmed SAC MW to Zonal Resource Credits (ZRCs). Must Offer Compliance apply to all Capacity Resources that have converted to ZRCs. SAC MW associated with ERIS requires the evidence of deliverability by submitting the transmission reservation information.

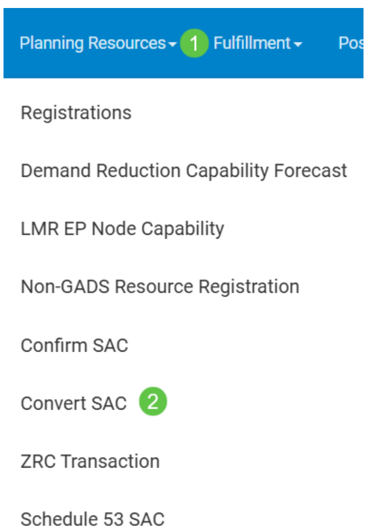
The first step to convert SAC to ZRCs is to make sure the resource is confirmed in the Confirm SAC screen. All resources with Confirmed SAC will be displayed in either the Total NRIS SAC or Total ERIS SAC fields. The Convert fields will initially display the default value of zero. MPs can enter the ZRC amount (s) in the Convert fields if the entered value does not exceed the value of available SAC. System decrements or increments the available SAC amount entering the Conv SAC field.

Resources with Energy Resource Interconnection Service (ERIS) are required to submit the OASIS transmission reservation's sink to match the LRZ of the ERIS SAC, if the reservation amount covers the amount of the ZRC.

Multiple TSRs may be linked together to cover the entire Planning Year. Multiple TSRs may also be stacked on top of each other to increase the MW amount for the entire Planning Year.

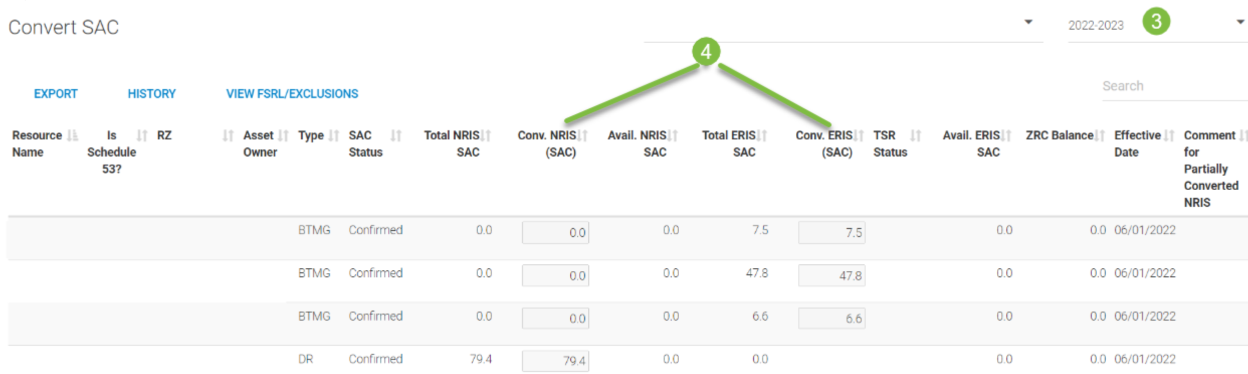
The ZRC Balance field will display the resource's ZRC available for use. If the ZRC was used for the purpose of FRAP, ZRC transaction (sale), or auction, the ZRC Balance will be decremented accordingly.

1) Navigate to **Planning Resources** from menu header.
2) Select **Convert SAC**.



3) Select **Season** from the drop-down menu.
4) Edit the **Conv NRIS(SAC)** or **CONV ERIS (SAC)** field, depending upon which asset you wish to convert.

5) Click **Submit.**



19. ZRC TRANSACTIONS

Access and BPM Reference

Responsibility	Planning Resource Owner
User Role Requirement	Operator – Submit, Operator – view
BPM 11 Resource Adequacy	4.4 ZRC Transactions

Description

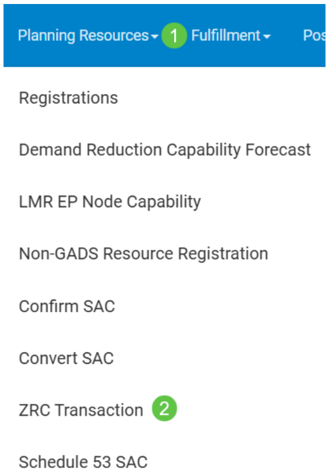
The ZRC Transactions screen allows Market Participants to either view or assign Zonal Resource Credit balances for the purpose of transaction with other MPs. The screen will also allow Sellers to set up the sale of available ZRCs and the Buyer designated by the Seller to either accept or reject the ZRC Transaction.

Note: Until the Buyer either accepts or rejects the ZRC transaction, the Seller cannot use the ZRCs from the designated Planning Resource for another use.

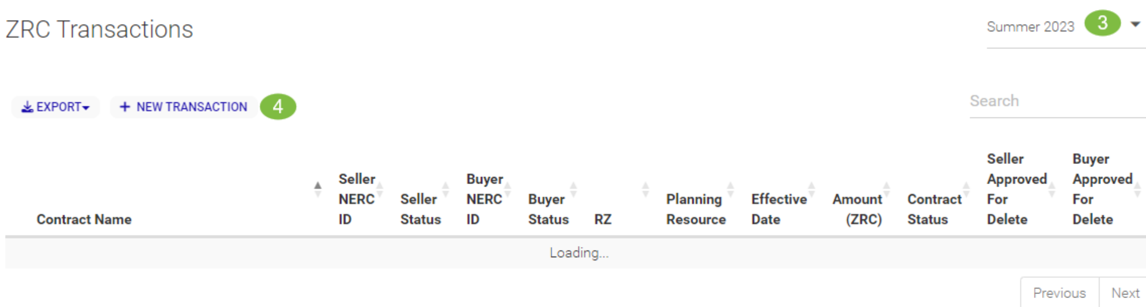
New ZRC transactions can only be set up by the owner of the ZRCs.

19.1 CREATING A ZRC TRANSACTION

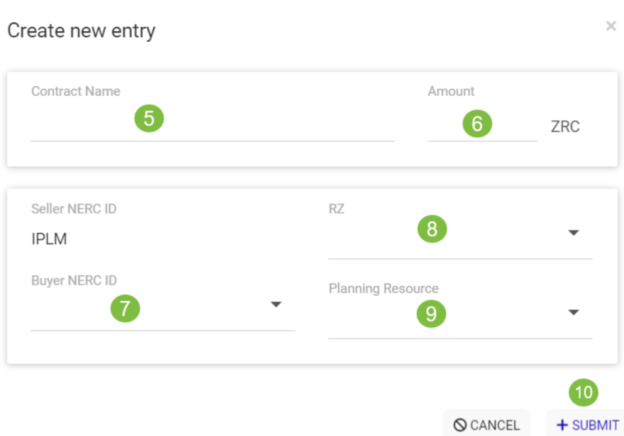
1) Navigate to **Planning Resources** from the menu header.
2) Select **ZRC Transaction.**



3) Select correct **Planning Year**.
4) Click **New Transaction.**



5) Enter **Contract Name.**
6) Enter **Amount of ZRC**.
7) Use drop-down to select **Buyer NERC ID**.
8) Use drop-down to select **RZ.**
9) Use drop-down to select **Planning Resource**.
10) Click **Submit** to save or **Cancel** to go back without making changes.



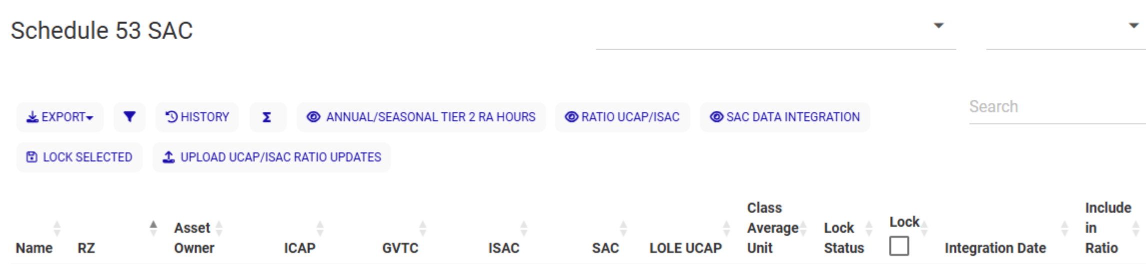
20. SCHEDULE 53 (SAC)

Access and BPM Reference

Responsibility	Planning Resource Owner
User Role Requirement	Operator – Submit, Operator – view
BPM 11 Resource Adequacy	

Description

The Schedule 53/SAC screen only displays Schedule 53 resources. This screen gives access to Annual/Seasonal Tier 2 RA Hours. You can drill down to find more detailed information about each season. It also provides RATIO UCAP/ISAC values.



21. PLANNING RESERVE MARGIN REQUIREMENT CALCULATION (PRMR)

Access and BPM Reference

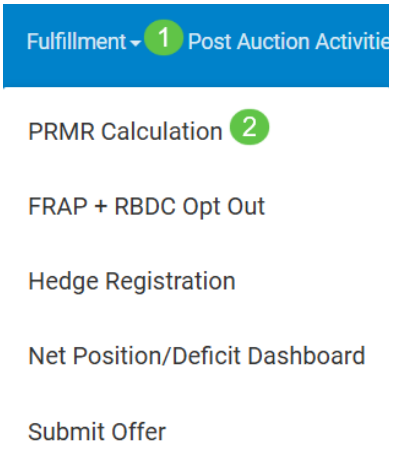
Responsibility	Market Participant
User Role Requirement	Operator – Submit, Operator – view
BPM 11 Resource Adequacy	2.1 Planning Reserve Requirement Overview

Description

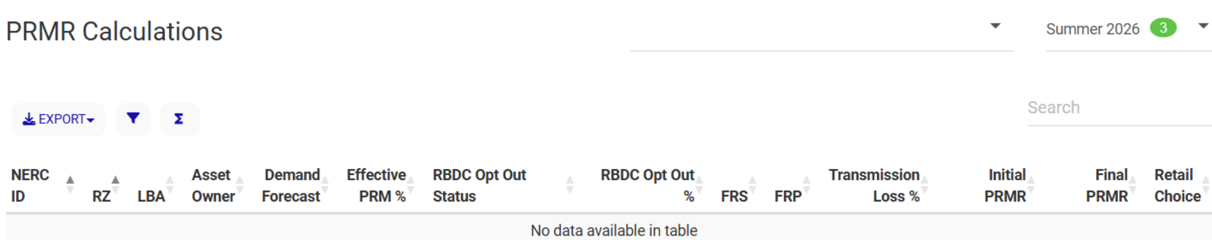
The PRMR Calculation screen is used by the Market Participant to view their current PRMR obligations by Asset Owner, Local Resource Zone (LRZ), and Local Balancing Authority (LBA). The data is updated whenever components to the PRMR formula are updated. All the components of the PRMR calculation are provided such that the Market Participant can recalculate the PRMR manually should they wish to do so.

21.1 PRMR CALCULATIONS

1) Navigate to **Fulfillment** in the menu header.
2) Select **PRMR Calculation.**



3) Select **Season** from the drop-down menu.



22. FIXED RESOURCE ADEQUACY PLAN (FRAP) & RBDC OPT OUT

Access and BPM Reference

Responsibility	Load Serving Entity
User Role Requirement	Operator – Submit, Operator – view
BPM 11 Resource Adequacy	5.3.1 Fixed Resource Adequacy Plan (FRAP)

Description

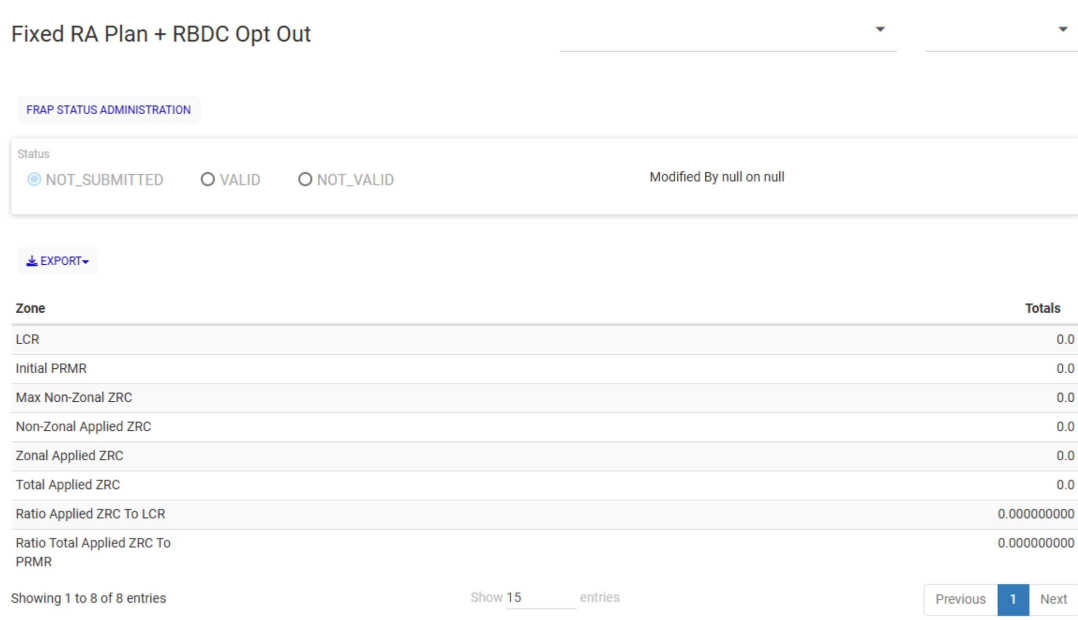
The FRAP screen allows Asset Owners to designate specific Planning Resources to meet their PRMR. This may be done using an Asset Owner's Planning Resources PRMR. This may be done using Asset Owner's Planning Resources or other Planning Resources obtained through ZRC transactions.

22.1 DESIGNATE AN UNDESIGNATED PLANNING RESOURCE TO A PRMR

To designate planning resources to a PRMR first click the Resources button in the desired LRZ row. This will bring up a pop-up screen that will display all the planning resources for which the

Market Participant has ZRCs from. This included both planning resources owned by the Market Participant and those acquired through Zonal Resource Credit transactions. To apply a Planning Resource's ZRC to a FRAP, enter the amount of remaining ZRCs that will be used in the Total Applied ZRC field.

For instance, if 10.0 ZRCs are being designated from the planning resource to the PRMR, enter 10.0 will designate 10.0 ZRCS to the PRMR. However, if 4.0 ZRCs are currently designated to the PRMR, then entering 10.0 will increase the amount to 14.0MW. Conversely to reduce a designation, enter a negative amount.



22.2 VIEW SUMMARY OF PRMR OBLIGATIONS

The Fixed RA Plan screen conveys the total PRMR for each Asset Owner by Local Resource Zone. Additionally, the remaining PRMR that has yet to have planning designated to it.

23. HEDGE REGISTRATION

Access and BPM Reference

Responsibility	Load Serving Entity
User Role Requirement	Operator – Submit, Operator – view
BPM 11 Resource Adequacy	5.4 Hedge and Zonal Delivery Benefit

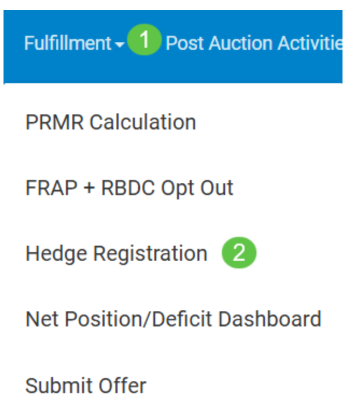
Description

The Hedge Registration screen allows for the submission of Zonal Deliverability Charge (ZDC) and Historical Unit Considerations (HUC) Hedge Registrations. LSE's can obtain ZDC Hedge as described herein as a financial protection from zonal price differences. Market Participants will be eligible for a hedge against congestion in the auction if the LSE invests in new or upgraded transmission to serve the LSE's load if located in a different LRZ. The participant that funds the upgrades and submits the transmission request is the participant who is eligible for the ZDC Hedge. A HUC is a financial hedge against ACP differentials between LRZs or between an LRZ and an ERZ. HUCs for existing LSEs will be eligible until the end of the original term of the arrangement, not including any evergreen extensions, or for two years -whichever is longer. Users can view saved, submitted, approved, rejected, awaiting review and registrations that have more information requested on this screen as well.

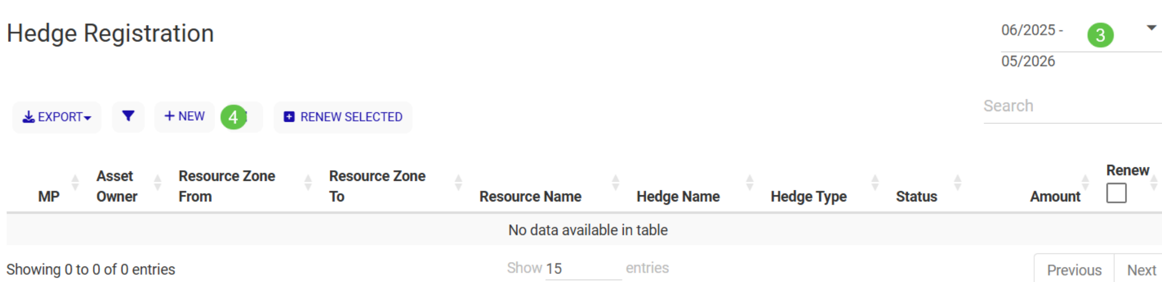
23.1 HEDGE REGISTRATION

Note: Partial owned resources will display in the drop-down menu.

1) Navigate to **Fulfillment** in header menu.
2) Select **Hedge Registration**.

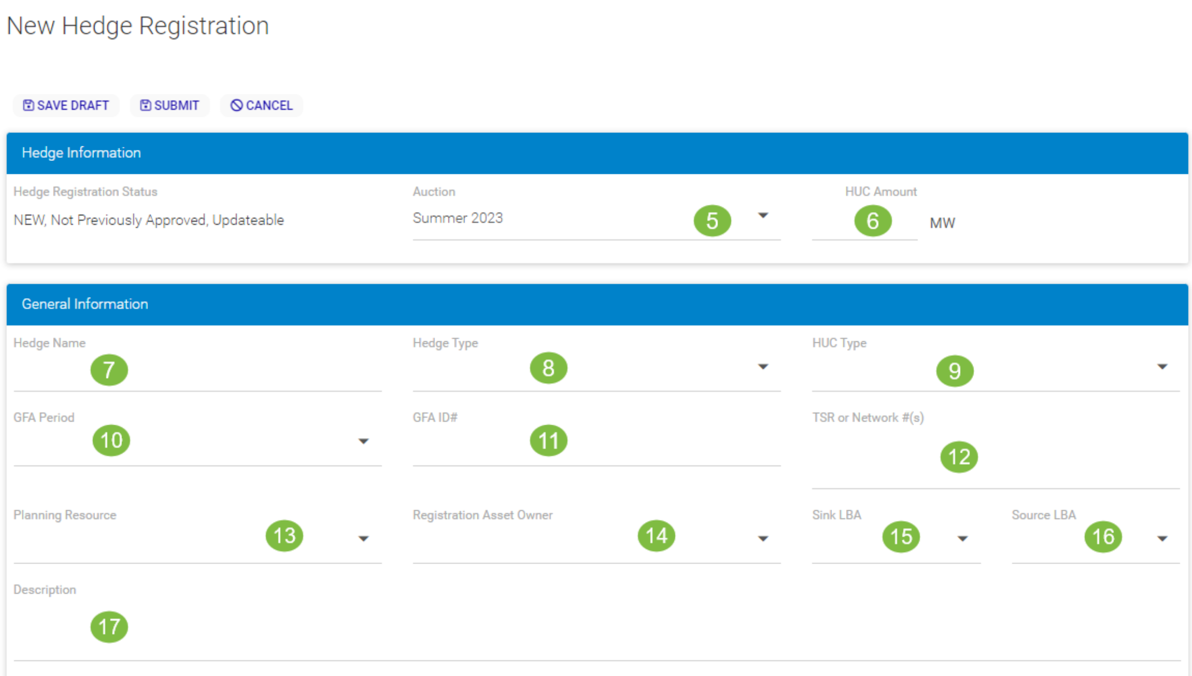


3) Use the drop-down to select **Season**.
4) Click **New**.

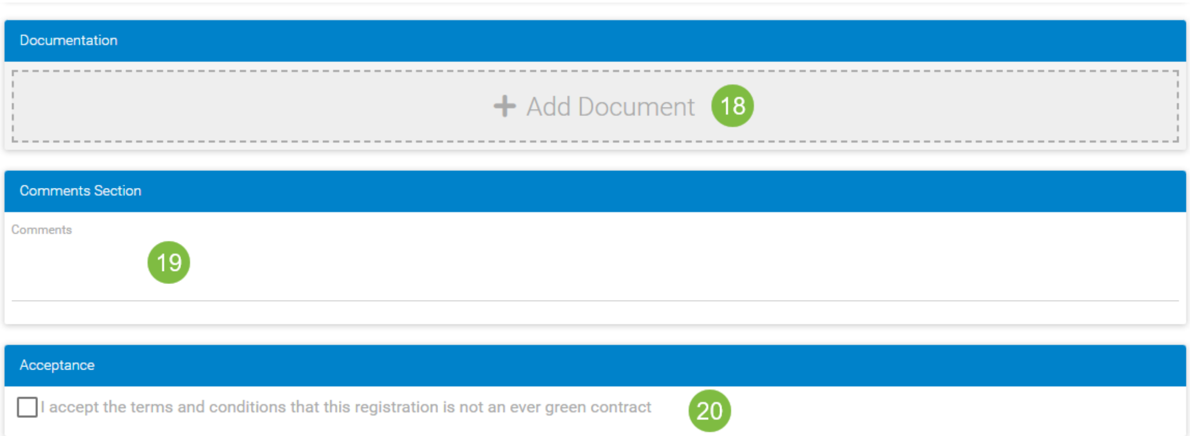


5) Use drop-down to select **Auction**.
6) Enter **HUC Amount in MW**.

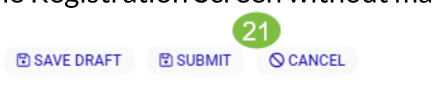
7) Enter **Hedge Name.** This must be unique across the MP and the Season.
8) Use drop-down to select **Hedge Type**.
9) Use drop-down to select **HUC Type**.
10) Use drop-down to select **GFA Period.**
11) Enter **GFA ID#.**
12) Enter one of more **TSR or Network #(s)**.
13) The Planning Resource field will not be populated with resources until ZRCs have been created from a resource's UCAP.
14) Use drop-down to select **Registration Asset Owner**.
15) Use drop-down to select **Sink LBA**.
16) Use drop-down to select **Source LBA**.
17) Enter **Description.**



18) **Add Document** to upload.
19) Enter any **Comments**.
20) Check **Acceptance box** to accept terms.

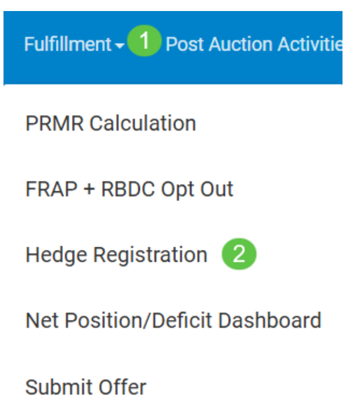


21) **Submit** if registration is complete. **Save Draft** if you need to finish later. **Cancel** to go back to the Registration Screen without making any changes

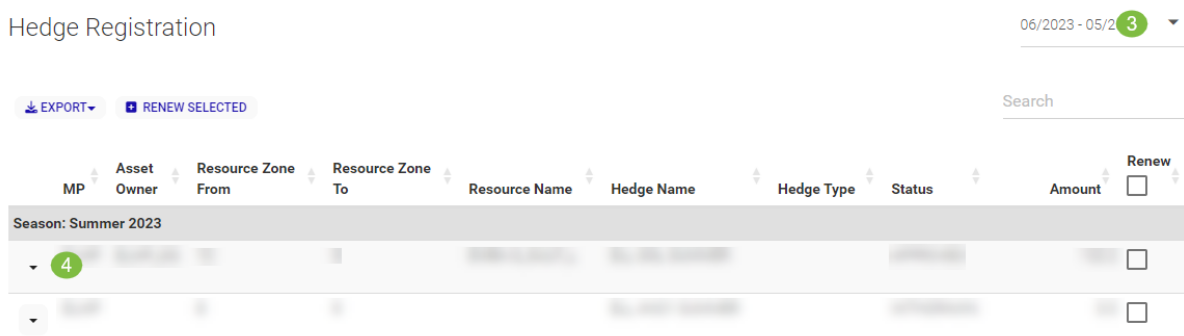


23.2 EDITING HEDGE

1) Navigate to **Fulfillment** in header menu.
2) Select **Hedge Registration**.



3) Use the drop-down to select **Season**.
4) Click **Arrow** next to Hedge you want to edit.



5) Click **Select.**

6) Edit **Hedge.**
7) Click **Submit.**

24. NET POSITION/DEFICIT DASHBOARD

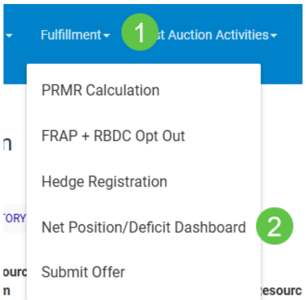
Access and BPM Reference

Responsibility	Load Serving Entity, Planning Resource Owner
User Role Requirement	Operator – Submit, Operator – View
BPM 11 Resource Adequacy	3. Establishing Planning Reserve Margin Requirement 5.3.1 Fixed Resource Adequacy Plan (FRAP) 2.3 Resource Adequacy Requirements Overview 5.5 Planning Resource Auction (PRA) 4.4 ZRC Transactions 4.3 Confirmation & Conversion of SAC MW

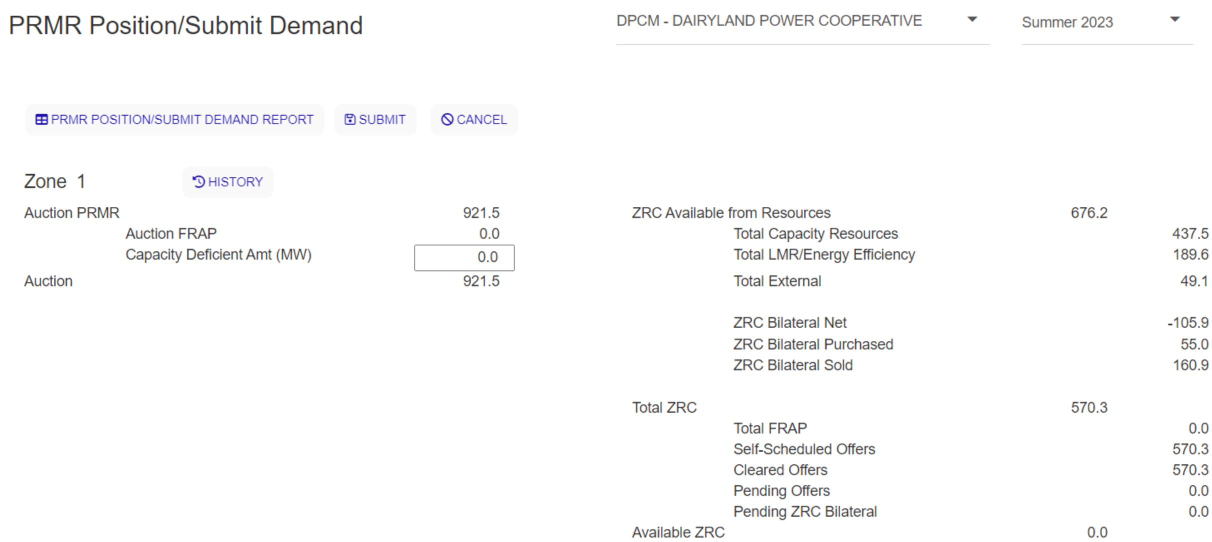
Description

The Net Position/Deficit Dashboard screen allows users to view how their initial PRMR is being fulfilled at the Market Participant level. Additionally, users may also use this screen to specify the amount of PRMR that they do not wish to fulfill and as result pay the Capacity Deficiency Charge.

1) Navigate to **Fulfillment** in header menu.
2) Select **NET Position/Deficit Dashboard**.

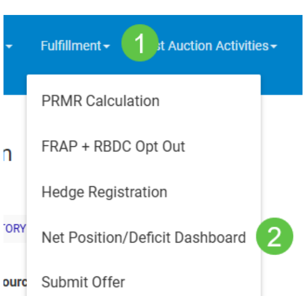


3) Select **Auction** from the drop-down menu.

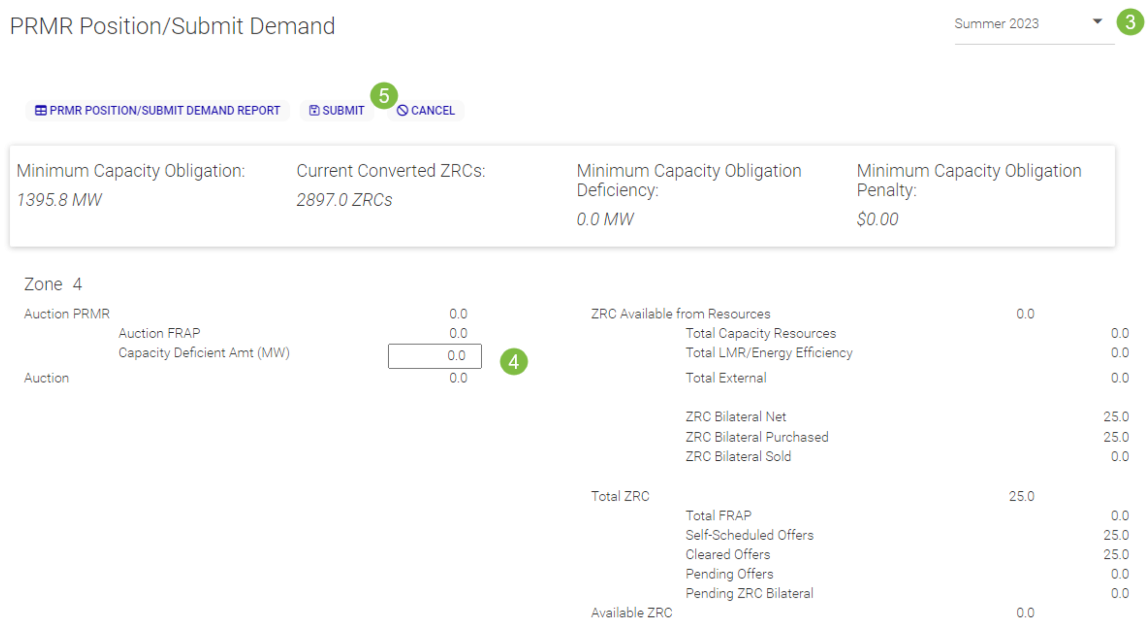


25. ELECTING TO PAY THE CAPACITY DEFICIENCY CHARGE

1) Navigate to **Fulfillment** in header menu.
2) Select **NET Position/Deficit Dashboard**.



3) From drop-down select **Auction**.
4) Enter **Capacity Deficient Amount** (MW)
5) Click **Submit** to save or **Cancel** to go back without making any changes.



26. SUBMIT OFFER

Access and BPM Reference

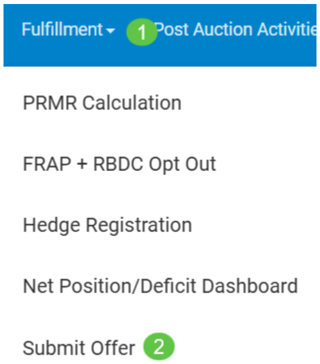
Responsibility	Load Serving Entity, Planning Resource Owner
User Role Requirement	Operator – Submit, Operator – View
BPM 11 Resource Adequacy	5.5 Planning Resource Auction (PRA)

Description

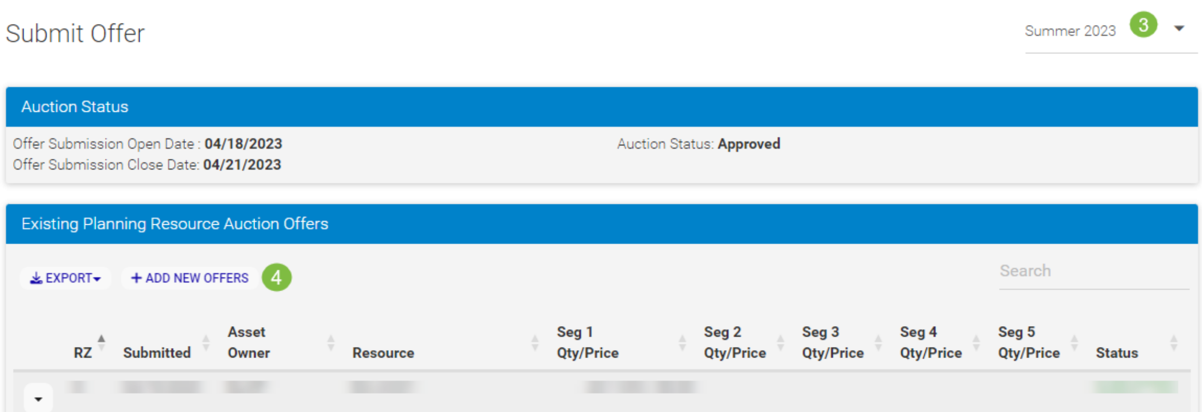
The Submit Offer screen allows for Market Participants to submit ZRC offers into the Planning Resource Auctions. Market Participants do not submit PRMR bids into the auction as all PRMR not fulfilled in the FRAP or elected to not participate is automatically modeled in the auction.

27. SUBMIT A ZRC OFFER

1) Navigate to **Fulfillment** in the header menu.
2) Select **Submit Offer**.



3) From the drop-down select **Season.**
4) Select **Add New Offers**.

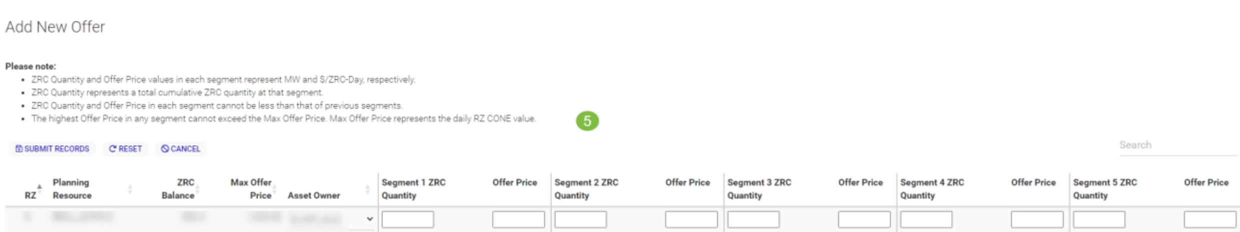


5) Select the desired Planning Resource and provide between one and five ZRC and Price Segments, then click **Submit**.

This section now includes the default population of new offers to assume all remaining ZRC Balance MWs at a $0 price to reflect the majority of self-schedule offers.

27.1 EDIT A ZRC OFFER

To edit a previously submitted offer, select the desired **Planning Resource Auction**. Click the **Edit** link under the **Action** column. The tool will then display the **Add New Offer** screen. After editing the offer, click the **Submit** button to save the changes.



27.2 WITHDRAW A ZRC OFFER

To withdraw a previously submitted offer, select the desired **Planning Resource Auction**, then click the **Withdraw** link on the **Submit Offer Index** screen.

28. AUCTION RESULTS

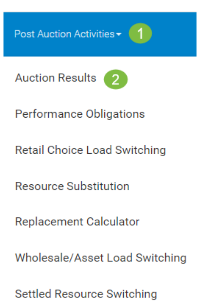
Access and BPM Reference

Responsibility	Load Serving Entity, Planning Resource Owner
User Role Requirement	Operator – Submit, Operator – View
BPM 11 Resource Adequacy	5.5.8 – Auction Results Posting

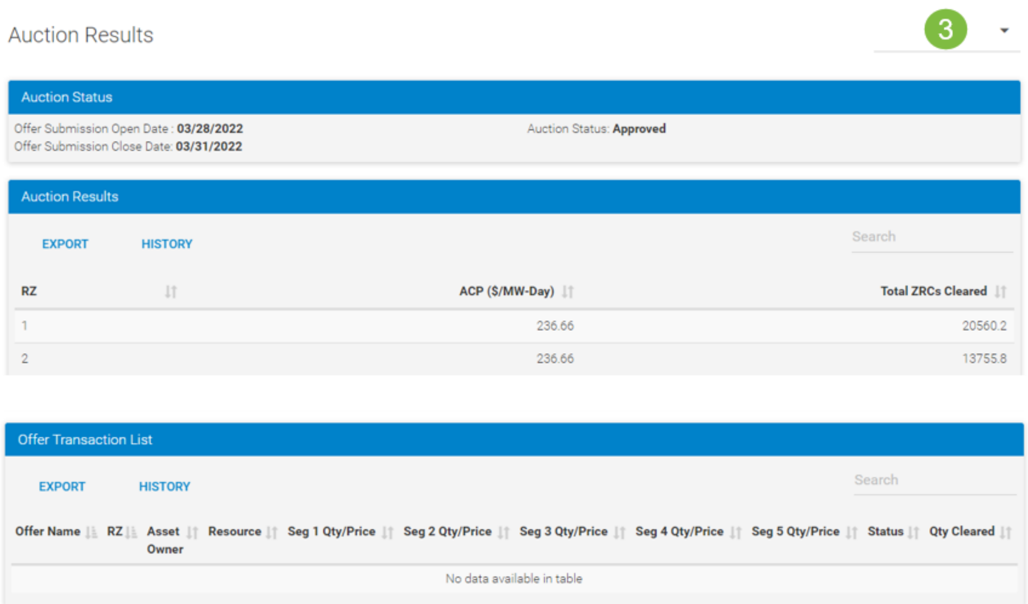
Description

The Auction Results screen is divided into three sections – "Auction Status" and "Offer Transaction List". The Auction Status field displays the auction open date, close date, and current status. The Auction Results section displays the Auction Clearing Price for each Local Resource Zone, and its respective Cleared Amount consists of both Fixed Resource Adequacy Plan (FRAP) MW and the total cleared ZRC amounts. The Offer Transaction List section displays the list of all offers submitted via the Submit Offer screen and the quantity of offers cleared during the Auction process. Any offers with the "Cleared" status indicates that the amount shown under "Qty Cleared" were entirely cleared by the Auction process.

1) Navigate to **Post Auction Activities** in the header menu.
2) Select **Auction Results**.



3) From the drop-down menu, select desired **Auction**.



29. PERFORMANCE OBLIGATIONS

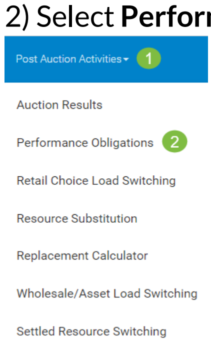
Access and BPM Reference

Responsibility	Planning Resource Owner
User Role Requirement	Operator – Submit, Operator – View
BPM 11 Resource Adequacy	6 - Performance Requirements

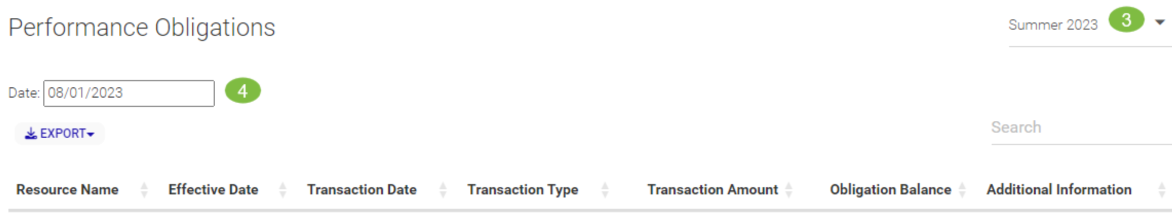
Description

The Performance Obligation screen displays the list of resources cleared or used in a FRAP and their obligation balance.

1) Navigate to **Post Auction Activities** in the header menu.
2) Select **Performance Obligations**.



3) From the drop-down select **Auction.**
4) Enter **Date** in textbox.



30. RETAIL CHOICE SWITCHING LOAD SWITCHING

Access and BPM Reference

Responsibility	Electric Distribution Company
User Role Requirement	EDC Submit
BPM 11 Resource Adequacy	5.7.4 Retail Load Switching

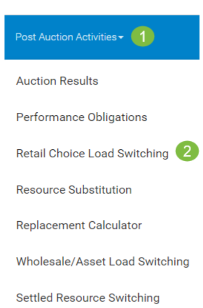
Description

The Retail Choice screen allows an Electric Distribution Company (EDC) to enter and view retail choice switching information.

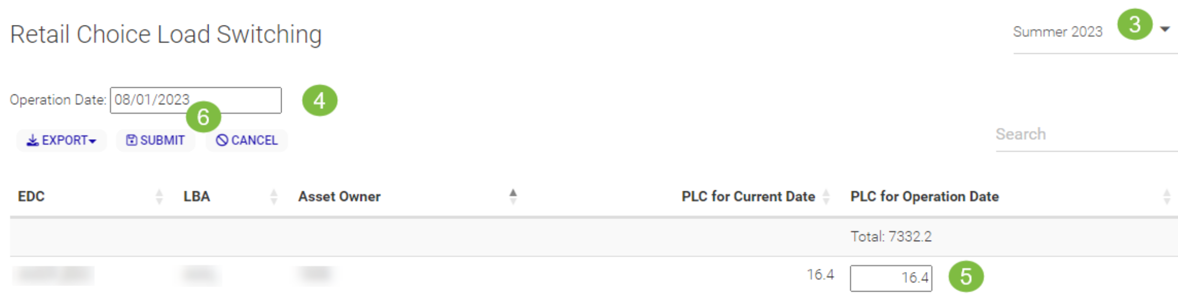
MPs with Asset Owners in an EDC's service territory that is using the default method can also view retail choice switching data.

30.1 SUBMIT RETAIL CHOICE SWITCHING

1) Navigate to **Post Auction Activities** in the header menu.
2) Select **Retail Choice Load Switching**.



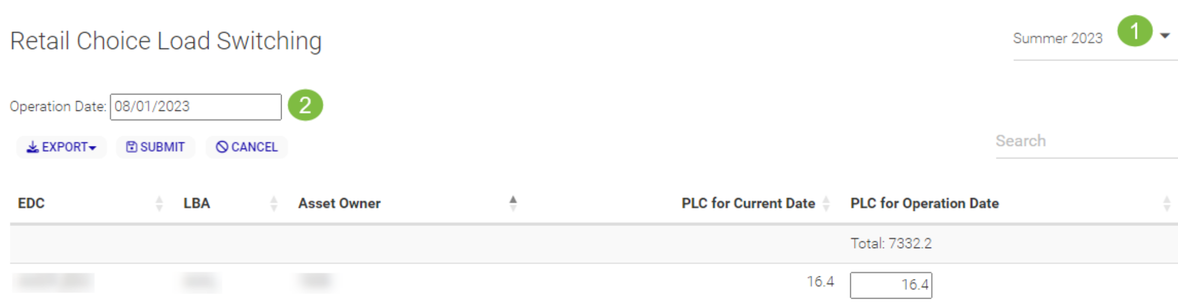
3) From the drop-down select **Auction.**
4) Enter desired **Operation Date.**
5) Check the PLC for Operation Date.
6) **Submit** if complete. **Cancel** to go back without making any changes.



30.2 VIEW RETAIL CHOICE SWITCHING

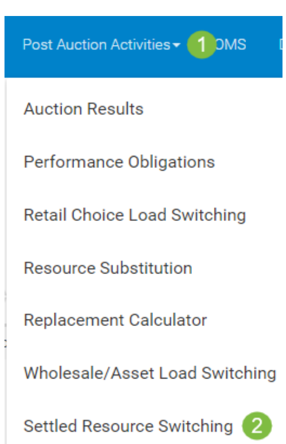
Market Participants with deregulated demand may view their respective retail switching information using the Retail Choice screen.

1) From the drop-down select **Auction**.
2) Enter **Operating Date** for which you would like to view your obligation.

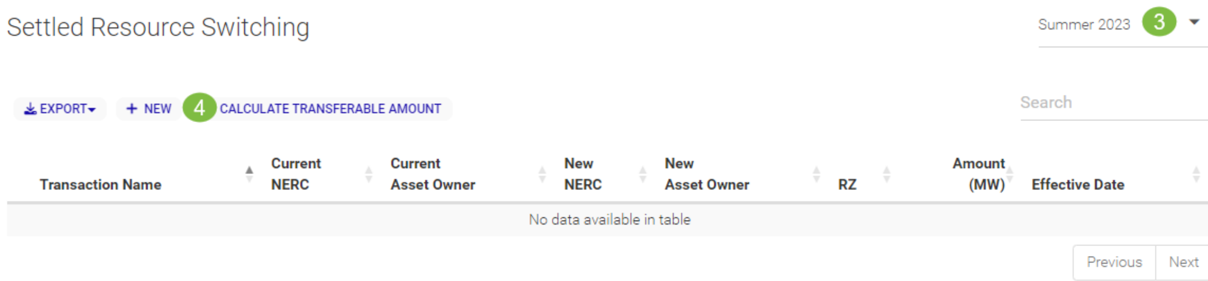


31. SETTLED RESOURCE SWITCHING

1) Navigate to **Post Auction Activities** in the header menu.
2) Select **Settled Resource Switching.**



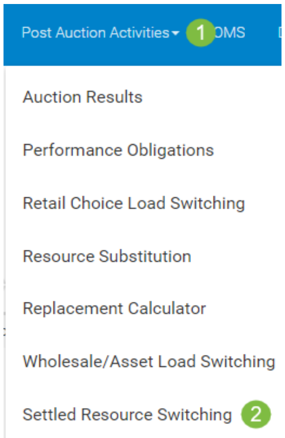
3) From the drop-down select **Auction**.
4) Select **Settled Resource Switching.**



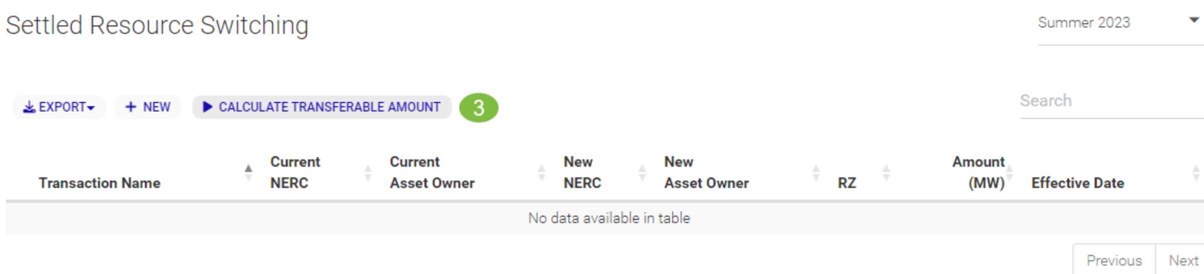
5) Enter **Transaction Name.**
6) Enter **MW Amount.**
7) Use drop-down to select **New NERC ID.**
8) Enter Resource Zone.
9) Use drop-down to select **Current Asset Owner.**
10) Use drop-down to select **New Asset Owner**.
11) Enter **Effective Date**.
12) Click **Submit**.

31.1 CALCULATING TRANSFERABLE AMOUNT

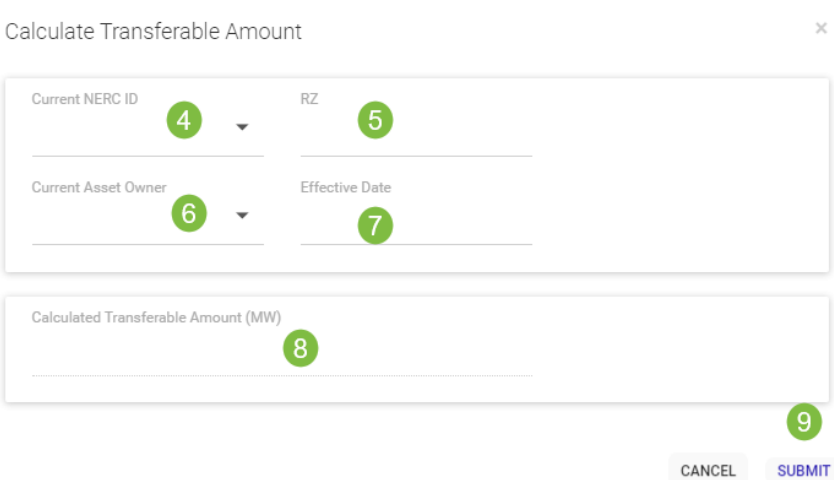
1) Navigate to **Post Auction Activities** in the header menu.
2) Select **Settled Resource Switching.**



3) Select **Calculate Transferable Amount**.



4) Use drop-down to select **Current NERC ID.**
5) Enter **Resource Zone.**
6) Use drop-down to select **Current Asset Owner.**
7) Enter **Effective Date.**
8) Enter **Calculated Transferable Amount (MW)**
9) Click **Submit.**



32. RESOURCE SUBSTITUTION

Access and BPM Reference

Responsibility	Asset Owner
User Role Requirement	Operator – Submit, Operator -View
BPM 11 Resource Adequacy	6.4 Replacement Resources

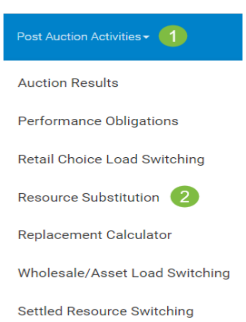
Description

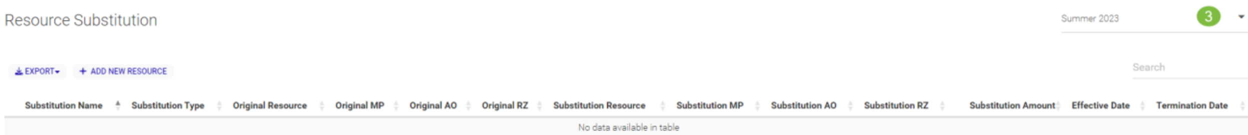
The Resource Substitution screen allows Market Participants to either view previously substituted Planning Resources or assign available Zonal Resource Credits (ZRCs) for the purpose of Resource Substitution. These ZRCs would have either cleared in the most recent Planning Resource Auction or were identified in a FRAP during the current Planning Year. The Planning Resource used for substitution must have "Available ZRCs" that are either owned by the MP or were procured through bilateral transactions. A Planning Resource located in a different Resource Zone (LRZ) as the Planning Resource that is being decommitted must meet the Local Clearing Requirement (LCR), which respecting Capacity Import Limits (CIL) and Capacity Export Limits (CEL) when it is submitted for the resource replacement purpose. These entered resource substitutions will also impact the performance obligations both when enacting a replacement and once the termination date of the replacement is reached.

Note: The Replacement Calculator in MECT can be used for verifying if the Planning Resource being used for the replacement will meet all the required LRZ parameters including LCR, CIL and CEL. See Section 32 – Replacement Calculator for more information.

32.1 VIEW RESOURCE SUBSTITUTION REGISTRATION

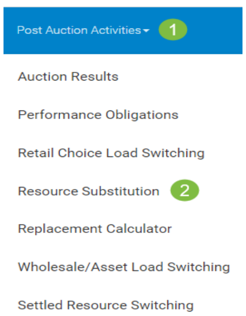
1) Navigate to **Post Auction Activities** in the header menu.
2) From the drop-down, select **Resource Substitution**.



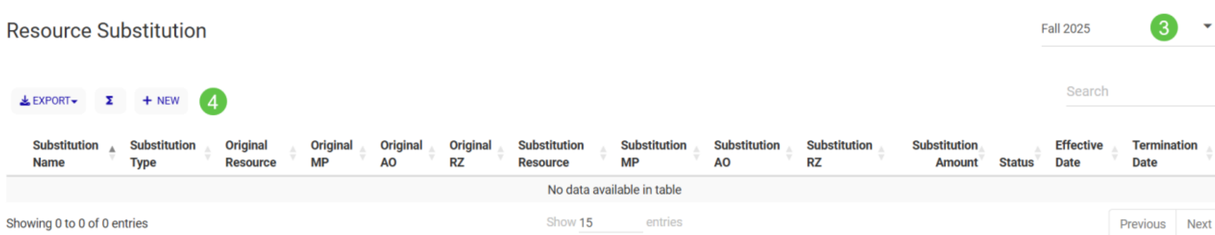


32.2 SUBMIT A NEW RESOURCE SUBSTITUTION REGISTRATION

1) Navigate to **Post Auction Activities** in the header menu.
2) From the drop-down, select **Resource Substitution**.

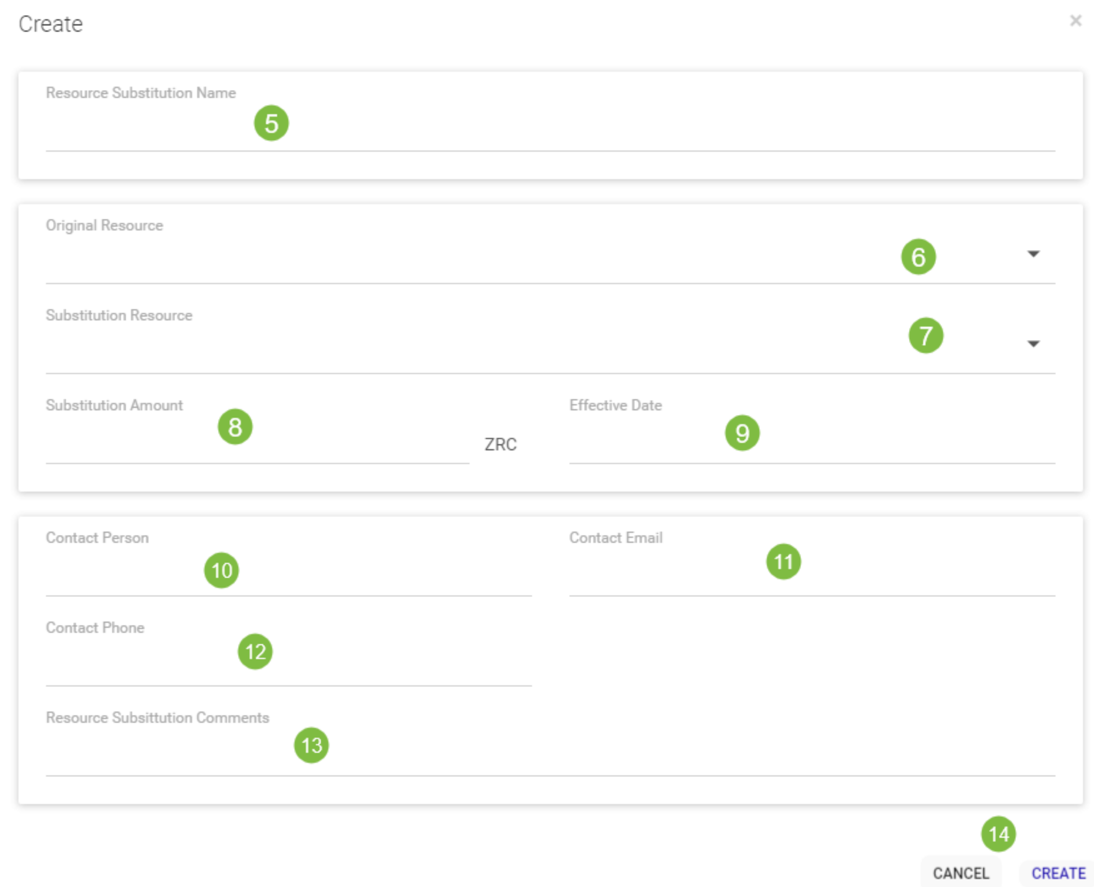


3) From drop-down menu, select **Season.**
4) Select **New.**



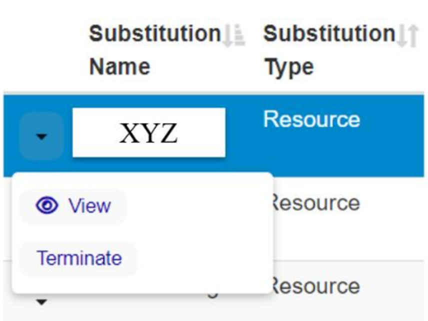
5) Enter **Resource Substitution Name.**
6) Use drop-down to select **Original Resource**.
7) Use drop-down to select **Substitution Resource**.
8) Enter **Substitution Amount** ZRC.
9) Enter **Effective Date.**
10) Enter **Contact Person.**
11) Enter **Contact Email.**
12) Enter **Contact Phone.**
13) Enter your Crow Ticket # in the **Resource Substitution Comments.**

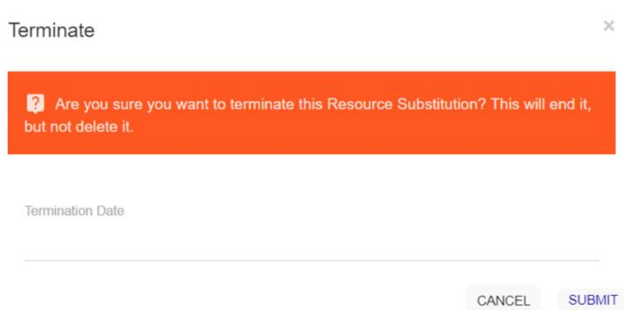
14) Select **Create** to submit or **Cancel** to leave without saving any information.



15) Resource substitutions can be viewed and deleted before the effective date if needed by selecting the dropdown arrow

16) After the effective date Market Participants can identify a termination date between the effective date and current date through the drop-down arrow and selecting **Termination Date**





33. VIEW ZONAL DATA

The Zonal Data section of the screen displays the PRMR, sum of cleared Offers and FRAPs, LCR, CIL, CEL, Auction Import, Auction Export, Replacement Import and Replacement Export for each LRZ from the Planning Resource Auction (PRA). Import Available and Export Available numbers are updated each time the Resource Substitution from another LRZ is completed. The Import Available number represents the maximum Zonal Resource Credits (ZRCs) allowed to import into the LRZ without violating the CIL. Import Available for the LRZ is calculated as:

Import Available = CIL – Total Import from PRA + (Sum of all Exports*-Sum of all Imports*)

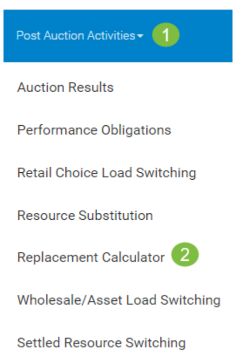
The Export Available number represents the maximum Zonal Resource Credits (ZRCs) allowed to export out of the LRZ without violating the CEL. Export Available for the LRZ is calculated as:

Export Available = CEL- Total Export from PRA + (Sum of all Imports* - Sum of all Exports*)

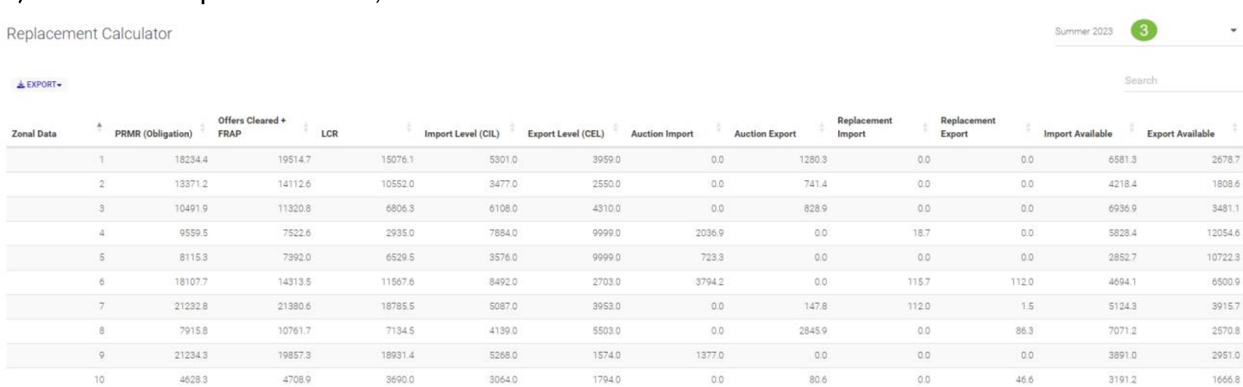
*Additional Imports or Exports from the Resource Substitution Process.

33.1 REPLACEMENT

1) Navigate to **Post Auction Activities** in the header menu.
2) From the drop-down, select **Replacement Calculator**.



3) From the drop-down menu, select **Season.**



Replacement Calculator

Summer 2023

EXPORT

Search

Zonal Data	PRMR (Obligation)	Offers Cleared + FRAP	LCR	Import Level (CIL)	Export Level (CEL)	Auction Import	Auction Export	Replacement Import	Replacement Export	Import Available	Export Available
1	18234.4	19514.7	15076.1	5301.0	3959.0	0.0	1280.3	0.0	0.0	6581.3	2678.7
2	13371.2	14112.6	10552.0	3477.0	2550.0	0.0	741.4	0.0	0.0	4218.4	1808.6
3	10491.9	11320.8	6806.3	6108.0	4310.0	0.0	828.9	0.0	0.0	6936.9	3481.1
4	9559.5	7522.6	2935.0	7884.0	9999.0	2036.9	0.0	18.7	0.0	5828.4	12054.6
5	8115.3	7392.0	6529.5	3576.0	9999.0	723.3	0.0	0.0	0.0	2852.7	10722.3
6	18107.7	14313.5	11567.6	8492.0	2703.0	3794.2	0.0	115.7	112.0	4694.1	6500.9
7	21232.8	21380.6	18785.5	5087.0	3953.0	0.0	147.8	112.0	1.5	5124.3	3915.7
8	7915.8	10761.7	7134.5	4139.0	5503.0	0.0	2845.9	0.0	86.3	7071.2	2570.8
9	21234.3	19857.3	18931.4	5268.0	1574.0	1377.0	0.0	0.0	0.0	3891.0	2951.0
10	4628.3	4708.9	3690.0	3064.0	1794.0	0.0	80.6	0.0	46.6	3191.2	1666.8

34. REPLACEMENT CALCULATOR

The Calculator is available for Market Participants to verify if the Planning resource planned for the resource replacement will meet all the required LRZ parameters including LCR, CIL and CEL. If the information entered passes the pertinent verification test then the message (s) will appear as "Pass" under LCR Test, Import Test and Export Test. A "Fail" message indicates that the verification test has failed to meet the test requirements.

EXAMPLE:
• Total MW needing replacement in Zone 1: = 200 MW (Original Resource = AAA.FAIR)
• Replacement ZRCs from the same zone: Of that 200 MW, 100 MW will be replaced by other Planning Resources located in Zone 1 (Substitution Resource = AAA.HARRIS)

• ZRCs from same zone after replacement: Zone 1's total ZRCs from Zone 1 after replacement = Offers Cleared + FRAP – Total MW needing replacement + Replacement ZRCs from the same zone = 18,661.2 – 200 + 100 = 18,561.2
• LCR Test: Since 18,561.2 < Zone 1's LCR of 16,588.7, LCR Test is "Pass"
• Amount Expected: Remaining Replacement ZRCs of 100 MW are imported from Zone 2 and Zone 3:

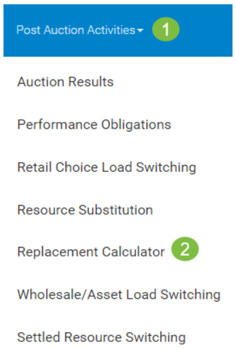
Zone 2's Exported ZRCs = 40 MW (Substitution Resource = BBB.MURRAY)
Zone 3's Exported ZRCs = 60 MW (Substitution Resource = CCC.GLEN)

• Import Test: Zone 1's total Imported ZRCs = 100 MW (40 MW + 60 MW). Since 100 MW < Import Available of 4040.3, Import Test is "Pass".
• Export Test: Since Zone 2's Export of 40 MW < Export Available of 917.8 MW and Zone 3's Export of 60 MW < Export Available of 4,080.2 MW, Export Test for Zone 2 and 3 are "Pass".
• This scenario will require the following 3 separate Resource Substitution Registrations to replace AAA.FAIR for the full amount of 200 MW in Zone 1:

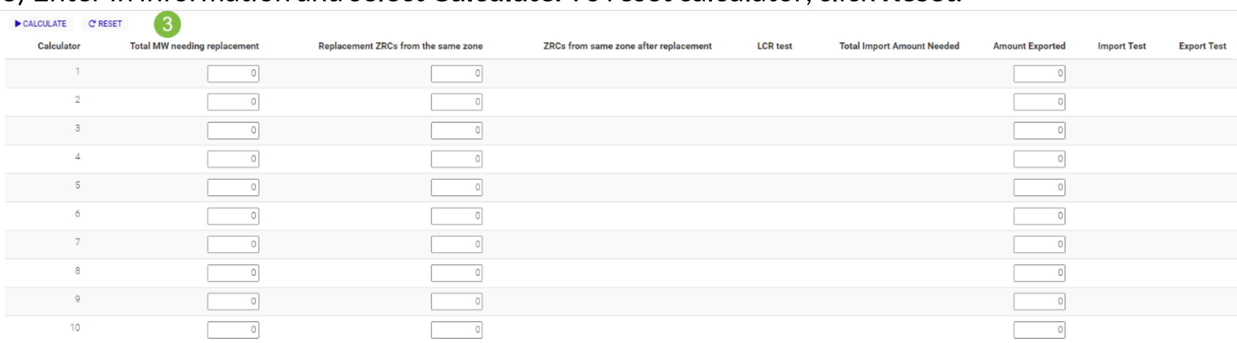
First 100 MW of AAA.FAIR:	Replaced AAA.HARRIS for 100 MW from Zone 1
Second 40 MW of AAA.FAIR:	Replaced by BBB.MURRAY for 40 MW from Zone 2
Remaining 60 MW of AAA.FAIR:	Replaced by CCC.GLEN 601 MW from Zone 3

34.1 ACCESSING REPLACEMENT CALCULATOR

1) Navigate to **Post Auction Activities** in the header menu.
2) From the drop-down, select **Replacement Calculator**.



3) Enter in information and select **Calculate.** To reset calculator, click **Reset**.



35. WHOLESALE/ASSET LOAD SWITCHING

Access and BPM Reference

Responsibility	Load Serving Entity
User Role Requirement	Operator – Submit, Operator -View
BPM 11 Resource Adequacy	5.7.2 Wholesale (Non-Retail) Load Switching

Description

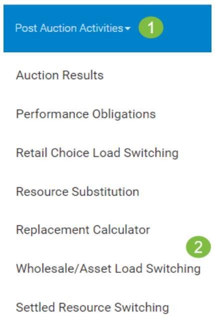
The Wholesale/Asset Load Switching screen allows Market Participants to enter Wholesale Load Switching transactions (WLST). These transactions allow for transferring of PRMR obligation after the execution of the applicable Planning Resource Auction. The result of a confirmed WLST will be reflected and adjusted to the RA_PRMR billing determinate in the Settlement statements.

Only the seller of WLST may initiate them. The transaction does not take effect until both counterparties have confirmed the transaction.

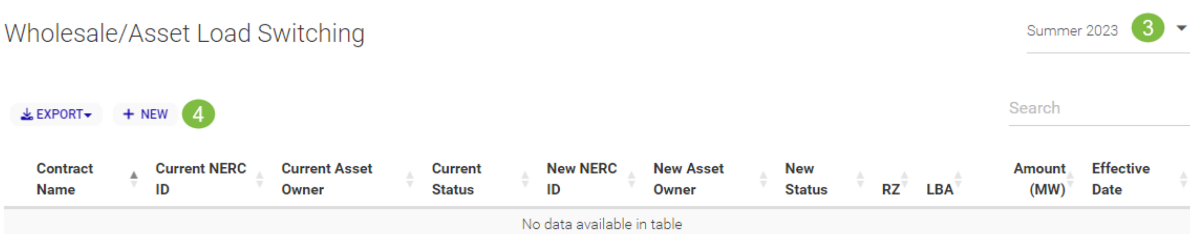
The amount entered into a WLST is validated against the current PRMR obligation for the seller. The amount must be less than or equal to the sum of all approved sales and purchases along with the sum of pending sales for the entire Planning Year and associated Planning Resource Auction. WLST are effective beginning at the specified date through the entire Planning Year.

35.1 SUBMIT A WHOLESALE LOAD SWITCHING

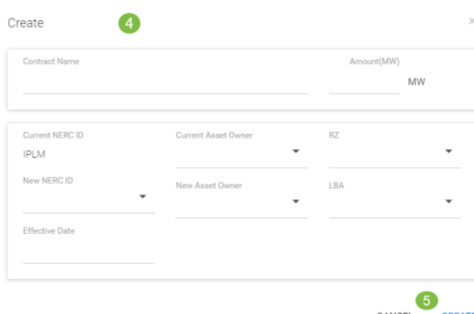
1) Navigate to **Post Auction Activities** in the header menu
2) From the drop-down menu select **Wholesale/Asset Load Switching.**



3) From drop-down make sure you are on the correct season.
4) Click **New.**

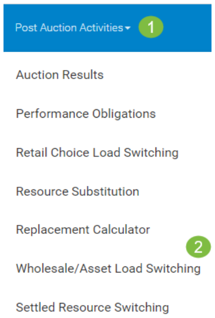


4) Enter information in all the fields.
5) Click **Create** to submit or **Cancel** to go back without making any changes.



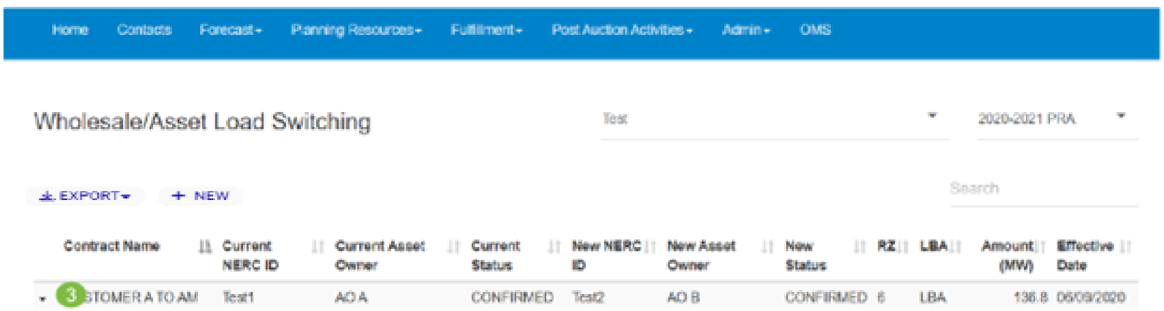
35.2 CONFIRM OR REJECT WHOLESALE LOAD SWITCHING TRANSACTION

1) Navigate to **Post Auction Activities** in the header menu
2) From the drop-down menu select **Wholesale/Asset Load Switching.**



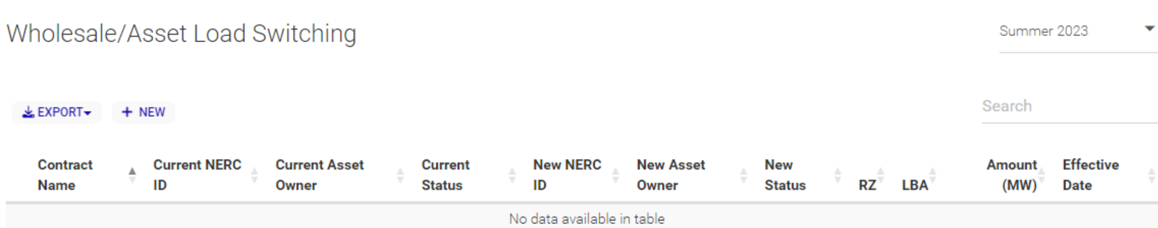
3) Click the arrow to the left of the **Contact Name** column and choose either **Confirm** or **Reject**.

Upon confirmation tool will immediately increase the buyer's cleared PRMR obligation and decrease the sellers for the MW being transferred. Additionally, any pending amounts withheld in escrow will be released back to the seller if a pending WLST is rejected.



35.3 VIEW WHOLESALE LOAD SWITCHING TRANSACTION

All previously entered Wholesale Load Switching Transactions are available for review in the Wholesale/Asset Load Switching table. This table will display pending, confirmed and rejected Wholesale Load Switching Transactions.

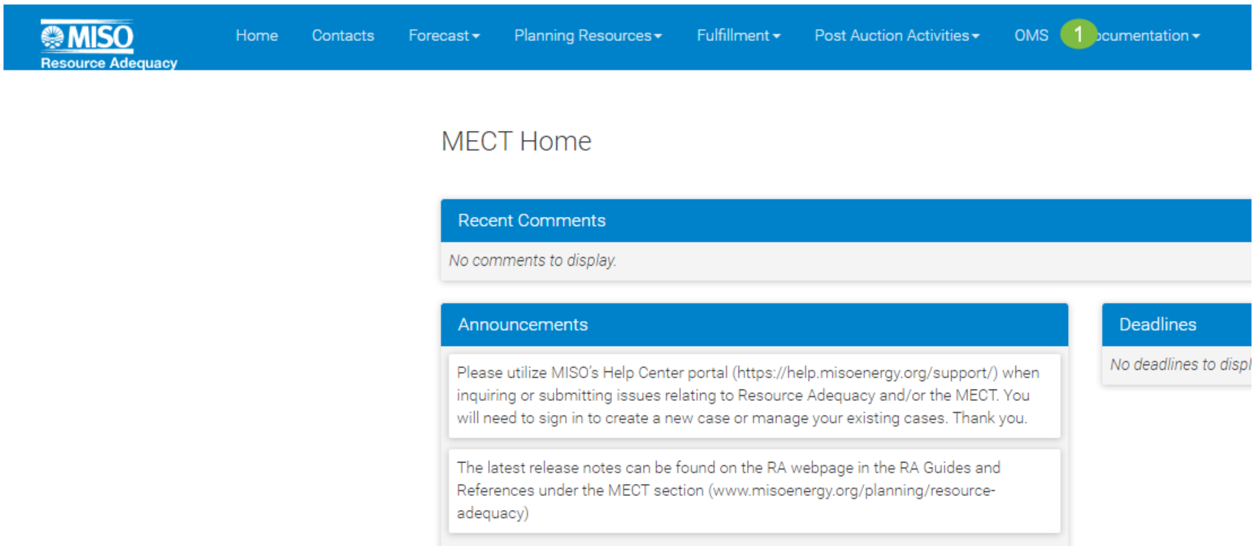


36. OMS-MISO SURVEY

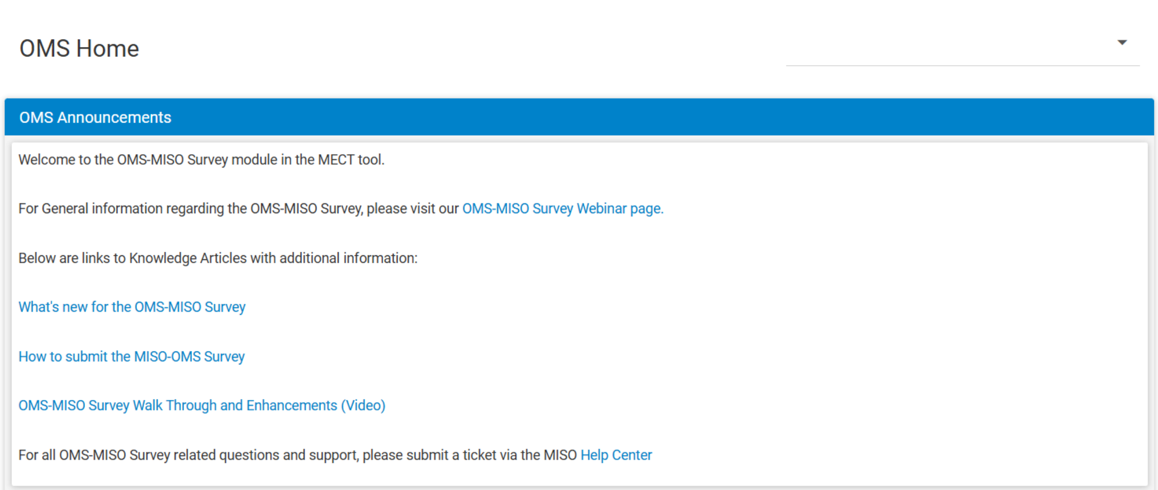
Prior to accessing the OMS-MISO Survey module in MECT, access must be granted by your organizations Local Security Administrator (LSA). If you are unsure who your organization's LSA is, please contact the MISO Help Center.

36.1 ACCESSING THE OMS-MISO SURVEY

1) From the MECT home screen, select **OMS.**

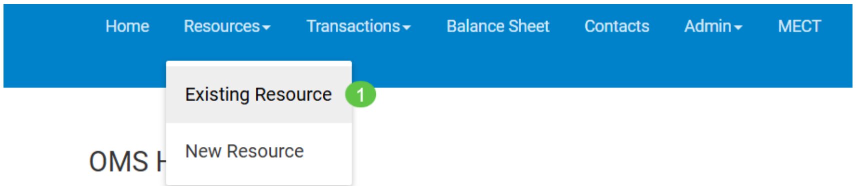


OMS-MISO Survey Main Screen

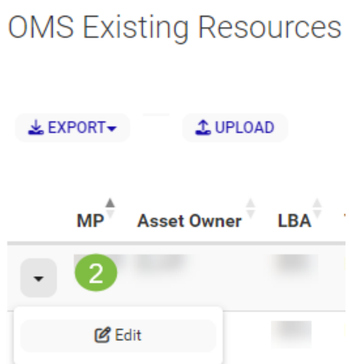


36.2 VIEW/MINOR ADDS & EDITS FOR EXISTING RESOURCES

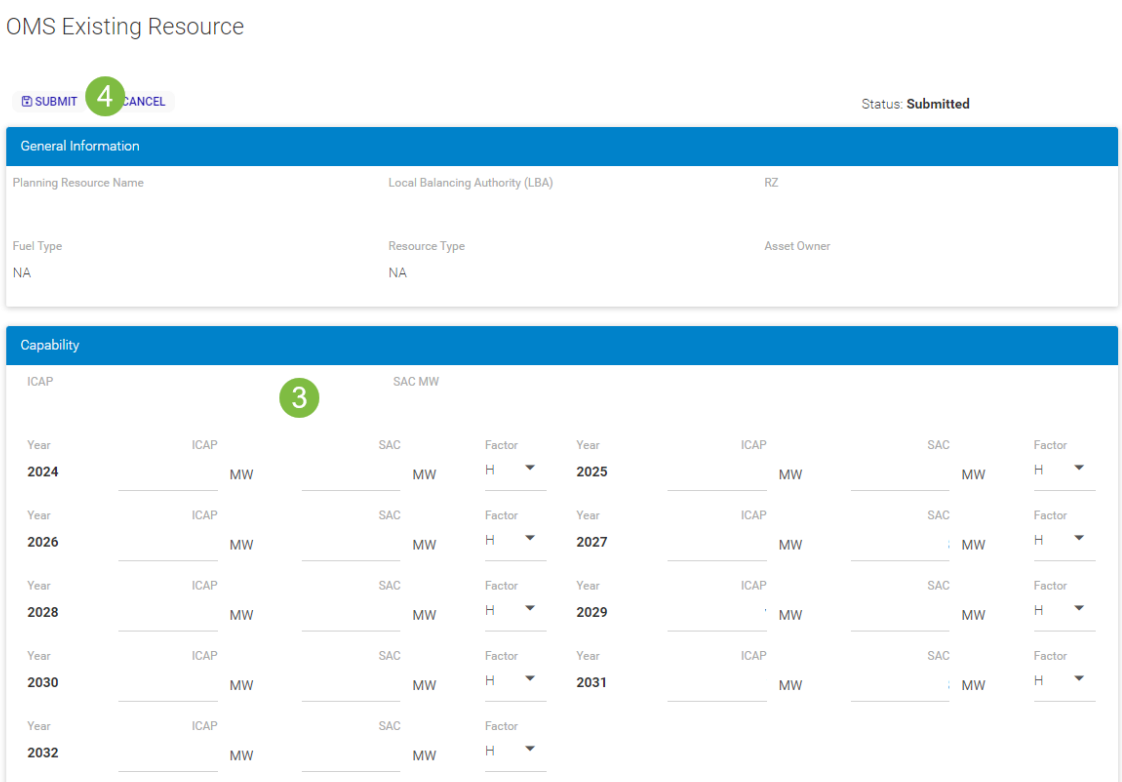
1) From the header menu, select **Resources**, then **Existing Resources**.



2) From list of resources, select the **down arrow** next to the resource you would like to edit, then click **Edit.**



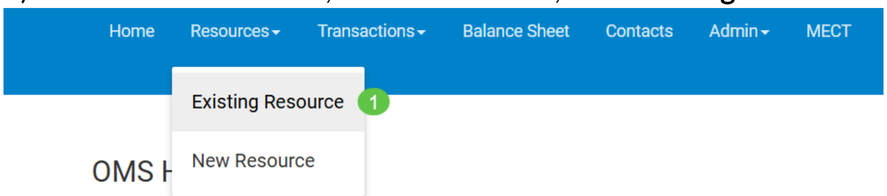
3) Edit information.
4) Click **Submit.**



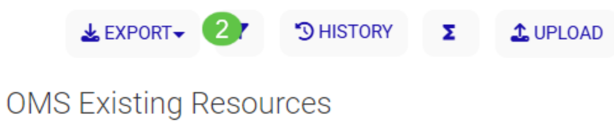
As with many of the pages, if any necessary fields have been left blank or populated with values not passing validation, red text should draw users' attention to needed updated.

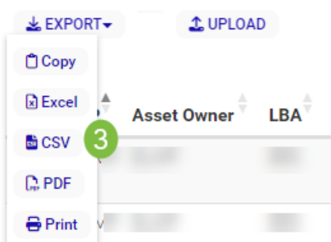
36.3 BULK ADDS OR EDITS FOR EXISTING RESOURCES

1) From the header menu, select **Resources**, then **Existing Resources**.



2) Click **Export.**
3) Select **CSV.**



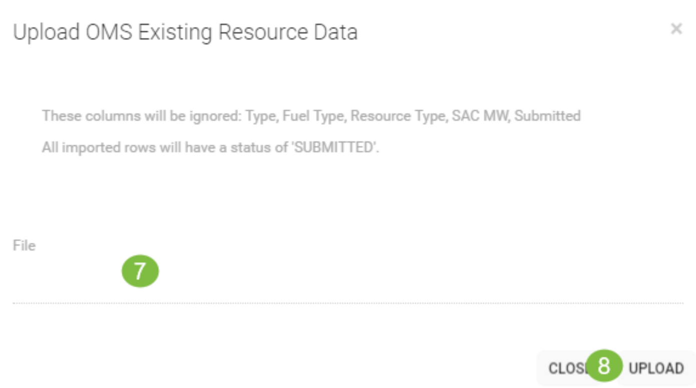


4) Open CSV file in Microsoft Excel and edit contents in rows K-AM that need updates.

Additional existing resources may be added if not auto populated. Resources show up in the Existing Resources tab of the OMS-MISO Survey module once converted and confirmed for the plan year auction in question. If they resource will not be relied upon in the current plan year, but is still a valid resource in MECT, it may be added in this upload step as long as the informational columns align with how it appears in the Confirm or Convert SAC screens with resource name, Local Resource Zone, Market Participant, Asset Owner, etc.

5) Save file as a CSV in order to Upload.
6) From the OMS Existing Resources screen, click **Upload.**

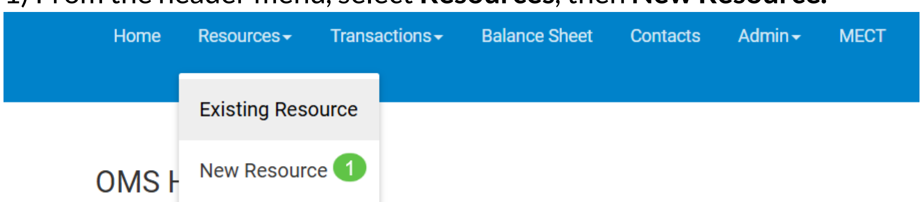
7) You can either click **File** or drag and drop file into box.
8) Click **Upload.**



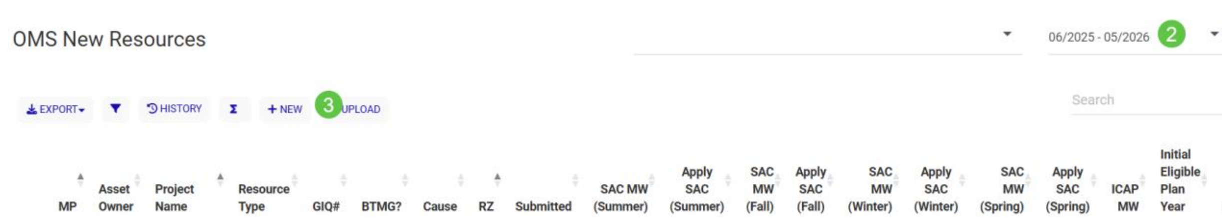
9) Uploaded results screen will appear and give you feedback if any of the data did not pass validation.

36.4 VIEW/ MINOR ADDS & EDITS TO NEW RESOURCES

1) From the header menu, select **Resources**, then **New Resource.**

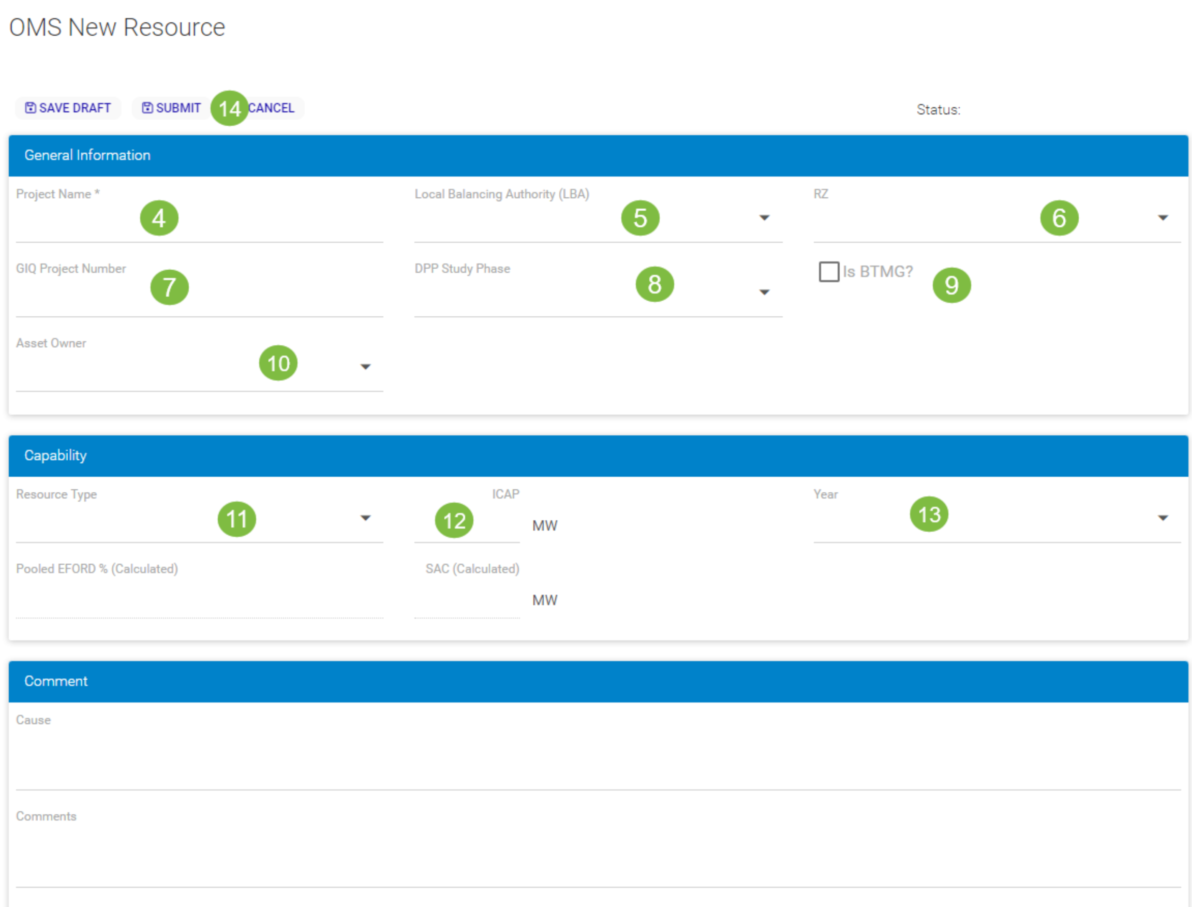


2) From the drop-down select the **Season.**
3) Select **New.**



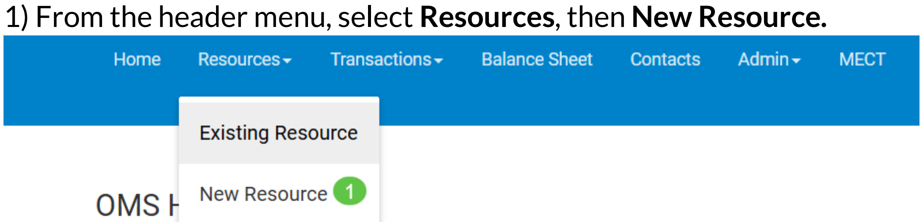
4) Enter Project Name.
5) Use drop-down menu to select **Local Balancing Authority (LBA).**
6) From drop-down select **RZ.**
7) Enter **GIQ Project Number.**
8) Use drop-down to select **DPP Study Phase.**
9) Check the box if resource is a BTMG.
10) Use drop-down to select **Asset Owner**.
11) Use drop-down to select **Resource Type.**
12) Enter **ICAP MW**. (For new resources, ICAP should be treated as nameplate)
13) Use drop-down to select **Year** the resource should qualify for capacity credit.

14) Click **Submit.**



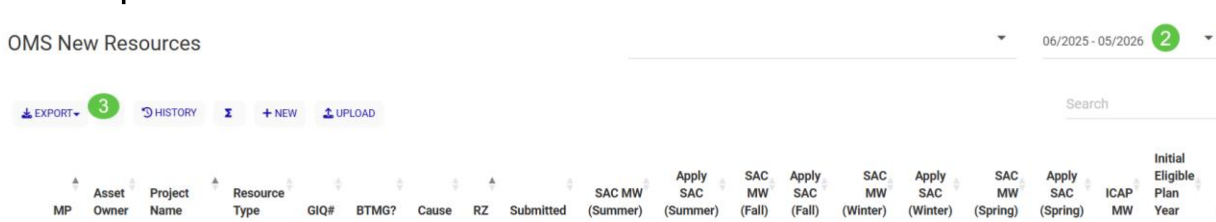
36.5 BULK ADDS OR EDITS TO NEW RESOURCES

1) From the header menu, select **Resources**, then **New Resource.**



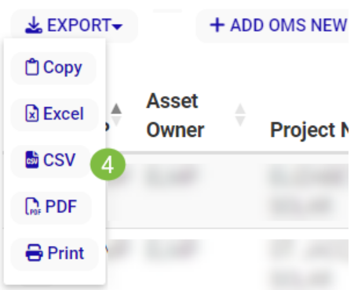
2) From the drop-down select the **Season.**

3) Select **Export.**

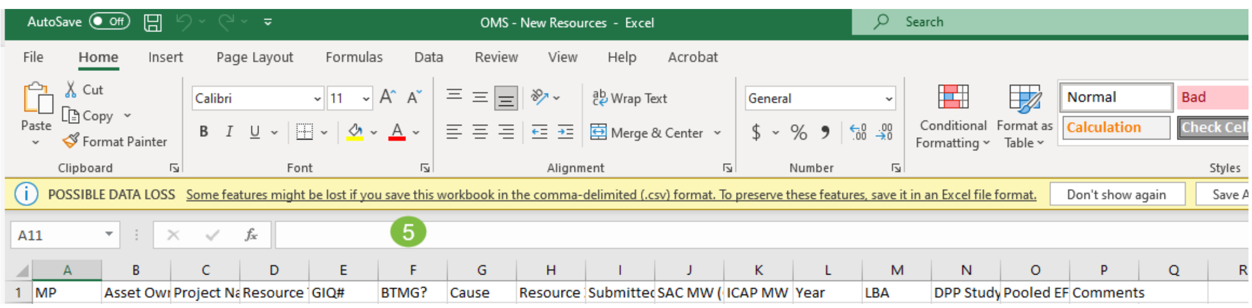


4) From the drop-down select **CSV.**

OMS New Resources

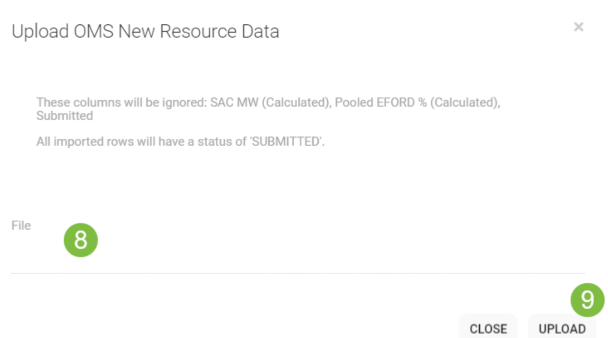


5) Open the CSV in Excel and edit.
6) Save file as a CSV in order to Upload.



7) From the OMS New Resource screen, click **Upload.**

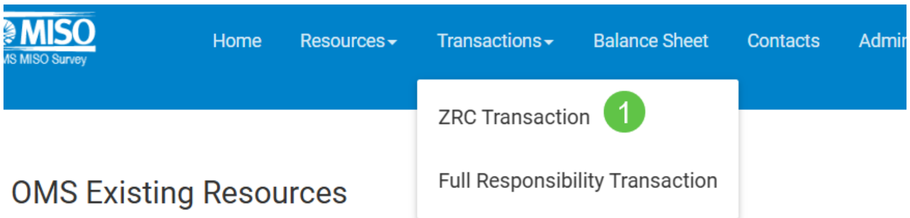
8) You can either click **File** or drag and drop file into box.
9) Click **Upload.**



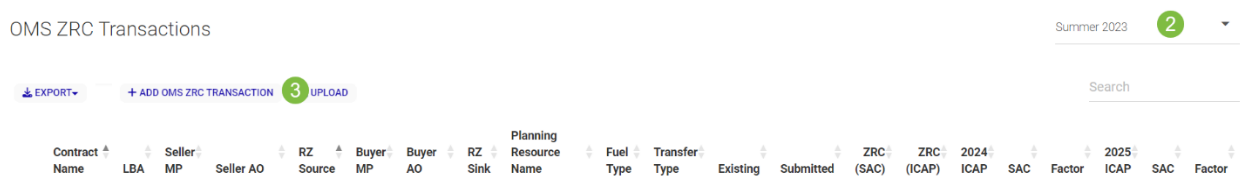
10) Uploaded results screen will appear and give you feedback if any of the data did not pass validation.

36.6 VIEW/MINOR ADDS & EDITS ZRC TRANSACTION

1) Select **Transactions** from the header menu., then **ZRC Transaction.**



2) From the drop-down select the **Season.**
3) Select **Add OMS ZRC Transaction.**

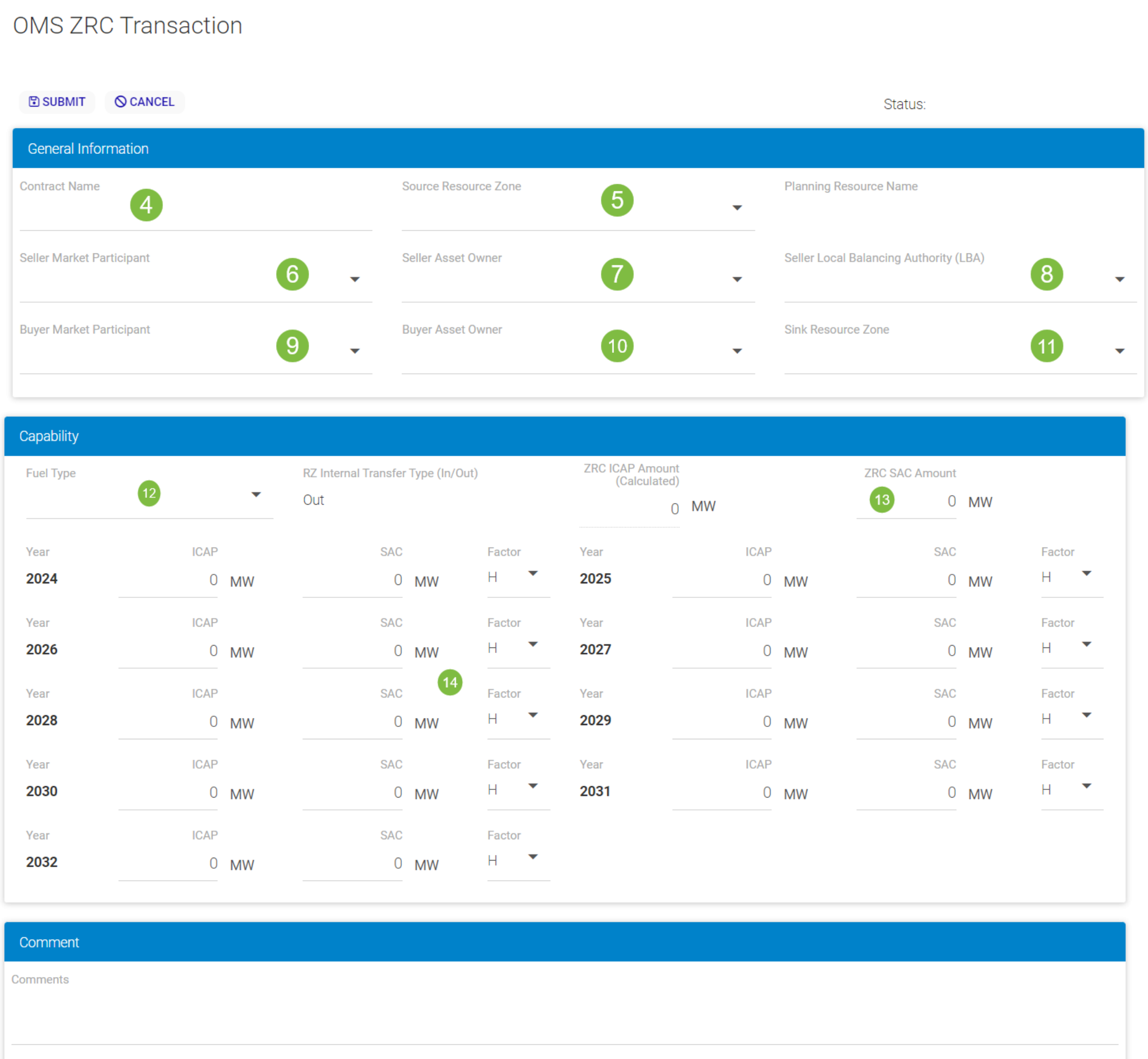


4) Enter **Contact Name.**
5) From the drop-down menu select **Source Resource Zone**.
6) From the drop-down menu select **Seller Market Participant**.
7) From the drop-down menu select **Seller Asset Owner.**
8) From the drop-down menu select **Seller Local Balancing Authority (LBA).**
9) From the drop-down menu select **Buyer Market Participant.**
10) From the drop-down menu select **Buyer Asset Owner.**

As with all Full-Responsibility Transactions, a transaction need only be entered once. Any entered transaction between two registered MISO Market Participants and associated asset owners will show up on both parties' surveys.

Existing Transactions only valid for the prompt plan year cannot be deleted in the survey interface but can be easily zeroed out using edits made in the bulk change upload as highlighted below.

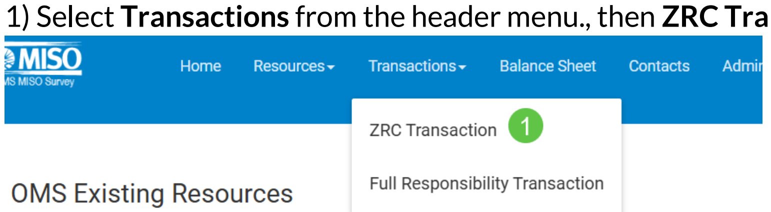
11) From the drop-down menu select **Sink Resource Zone.**
12) From the drop-down menu select **Fuel Type.**
13) Enter **ZRC SAV Amount (MW).**
14) Enter **ICAP, SAC and Factor.**



15) Click **Submit**.

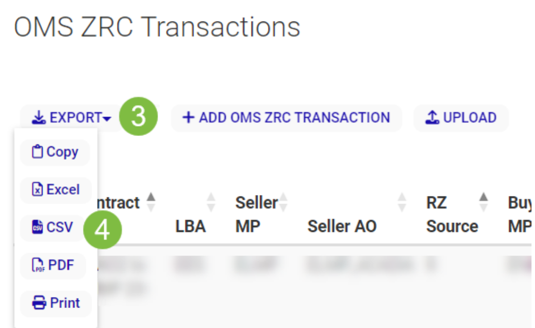
36.7 BULK ADDS OR EDITS - ZRC TRANSACTION

1) Select **Transactions** from the header menu., then **ZRC Transaction.**

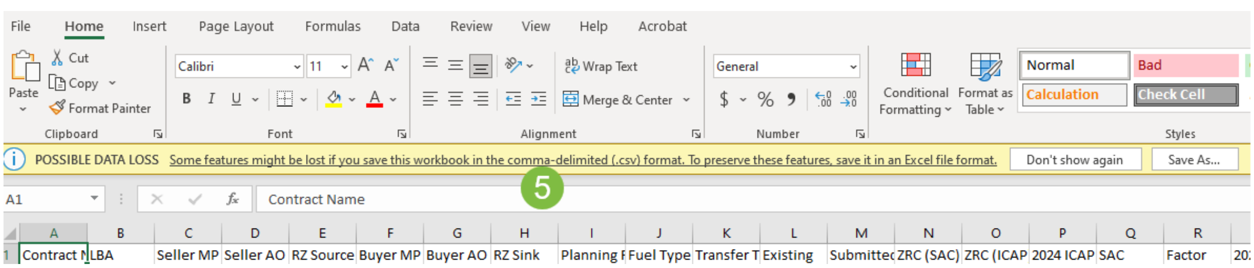


2) From the drop-down select the **Season.**

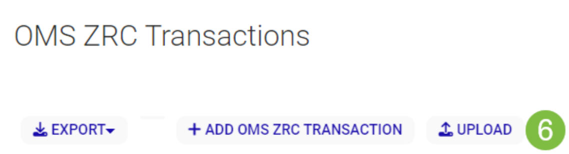
3) Select **Export.**
4) From the drop-down select **CSV.**



5) Open the CSV in Excel and edit.
6) Save file as a CSV in order to Upload.



7) From the ZRC Transaction screen, click **Upload.**



8) Uploaded results screen will appear and give you feedback if any of the data did not pass validation.

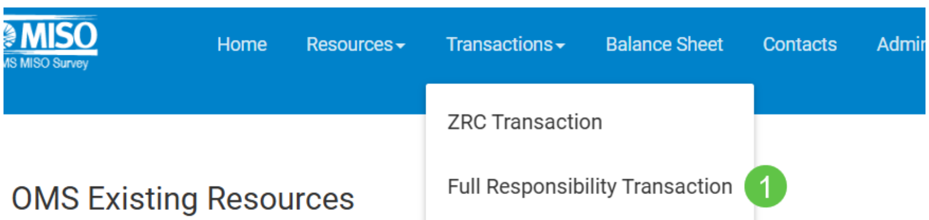
36.8 VIEW/MINOR ADDS & EDITS FULL RESPONSIBILITY TRANSACTION

In the context of FRTs, the Buyer is the one paying to have their load-serving obligation transferred to the Seller. The Seller is the one being paid to carry the additional load serving obligation and associated reserve requirements.

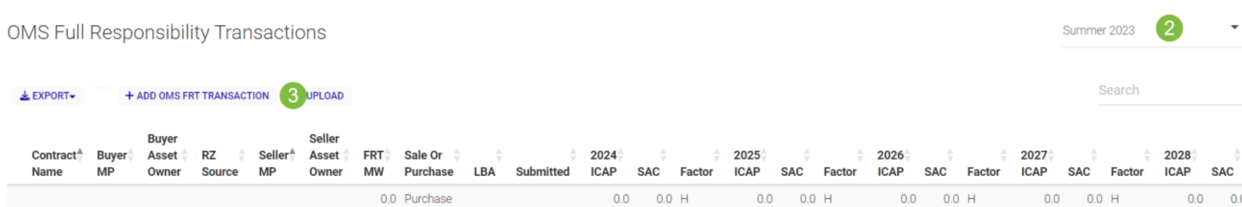
As with all ZRC transactions, a transaction need only be entered once. Any entered transaction between two registered MISO Market Participants and associated asset owners will show up on both parties' surveys.

Existing Transactions only valid for the prompt plan year cannot be deleted in the survey interface but can be easily zeroed out using edits made in the bulk change upload as highlighted below.

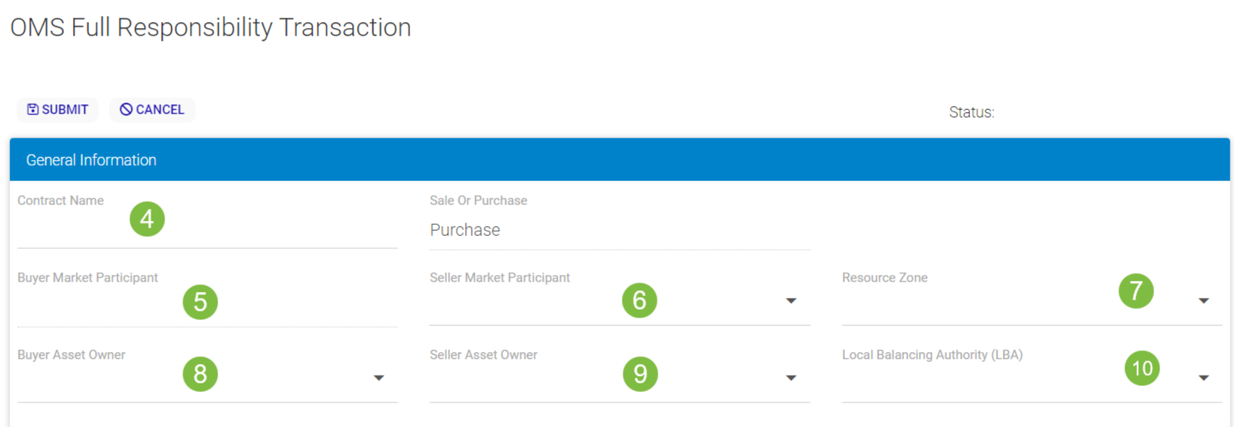
1) Select **Transactions** from the header menu, then select **Full Responsibility Transaction.**



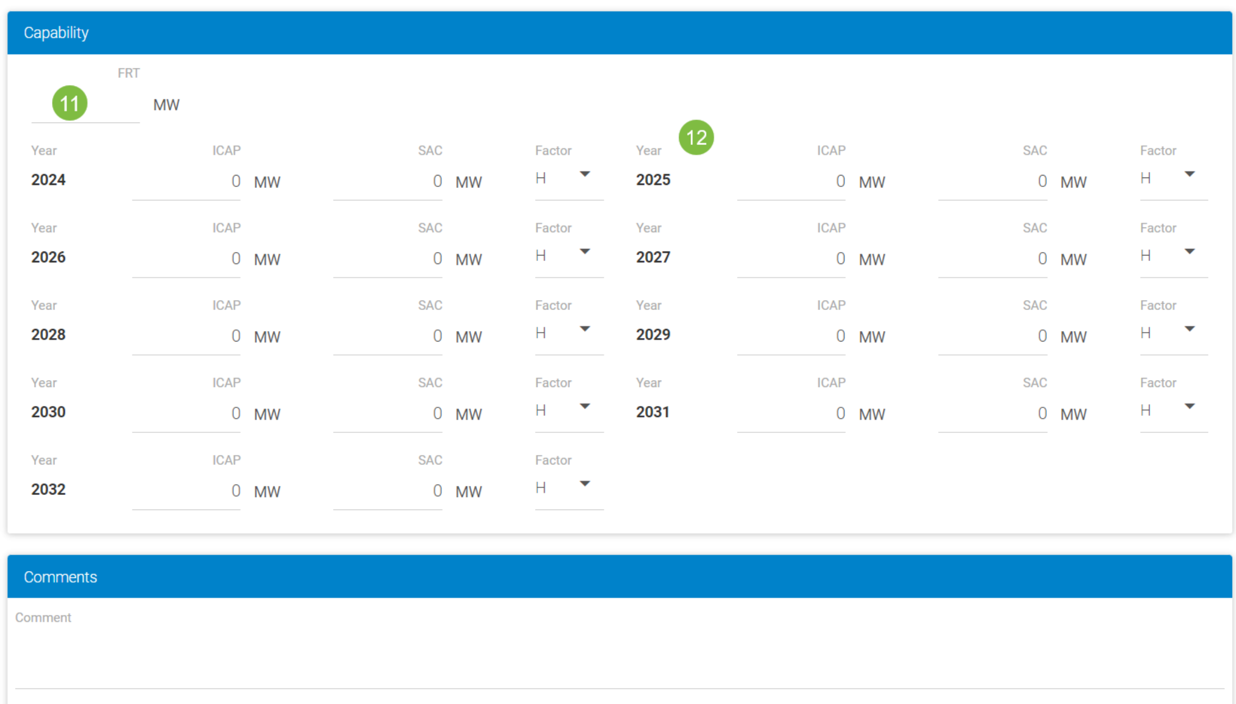
2) From the drop-down select the **Season.**
3) Select **Add OMS FTR Transaction.**



4) Enter **Contact Name.**
5) Enter **Buyer Market Participant.**
6) From the drop-down menu select **Seller Market Participant**.
7) From the drop-down menu select **Resource Zone.**
8) From the drop-down menu select **Buyer Asset Owner.**
9) From the drop-down menu select **Seller Asset Owner.**
10) From the drop-down menu select **Local Balancing Authority (LBA).**



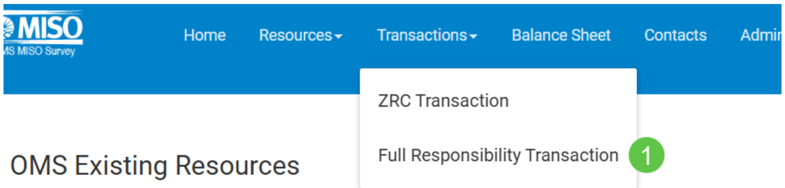
11) Enter **FRT MW.**
12) Enter **ICAP, SAC and Factor.**



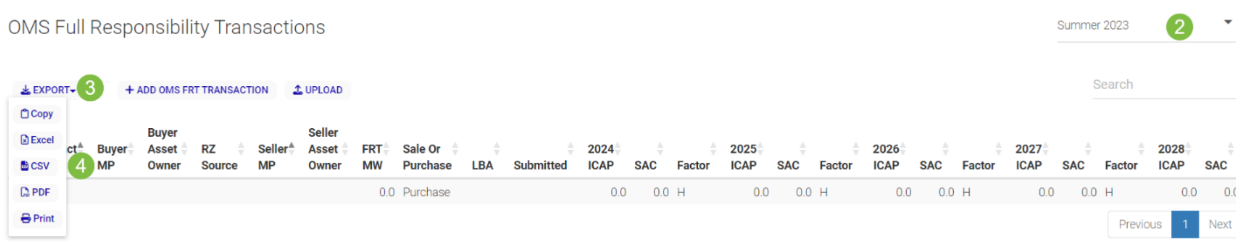
13) Click **Submit**.

36.9 BULK ADDS OR EDITS – FULL RESPONSIBILITY TRANSACTION

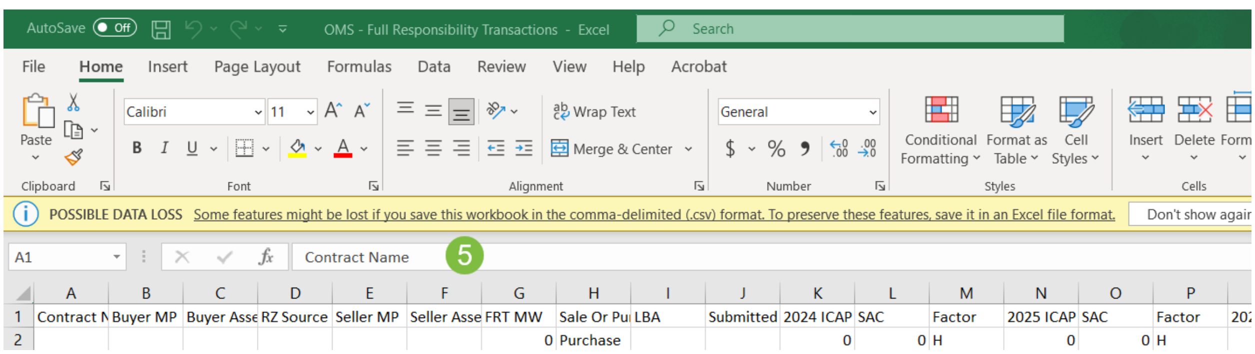
1) Select **Transactions** from the header menu, then select **Full Responsibility Transaction.**



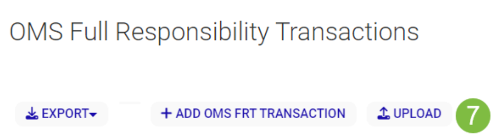
2) From the drop-down select the **Season.**
3) Select **Export.**
4) From the drop-down select **CSV.**



5) Open the CSV in Excel and edit.
6) Save file as a CSV in order to Upload.



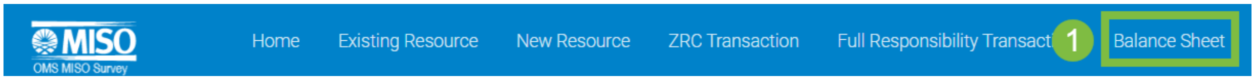
7) From the OMS Full Responsibility Transaction screen, click **Upload.**



8) Uploaded results screen will appear and give you feedback if any of the data did not pass validation.

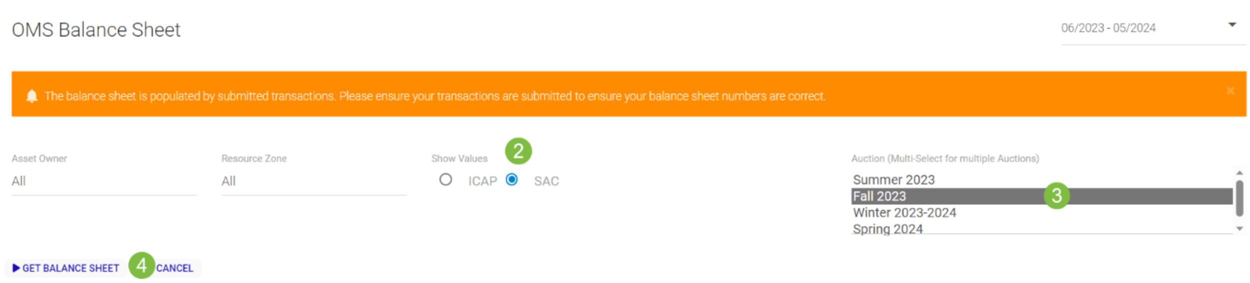
36.10 BALANCE SHEET

1) Select **Balance Sheet** from the header menu.

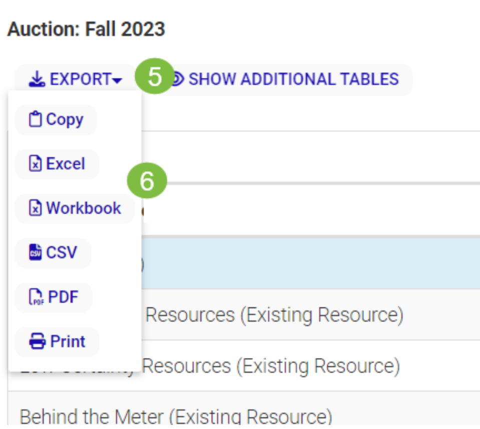


2) Under Show Values, select either ICAP or SAC radial button.
3) Select which auction you would like a balance sheet for. You can select one auction or multiple auctions by holding "ctrl" while selecting.

While selection of Asset Owner and Resource Zone is not required to get out-year Reserve Capacity values, selection of a Resource Zone is required to properly calculate out-year coincident peak forecasts and associated Reserve Margin Requirements.
4) Select **Get Balance Sheet.**

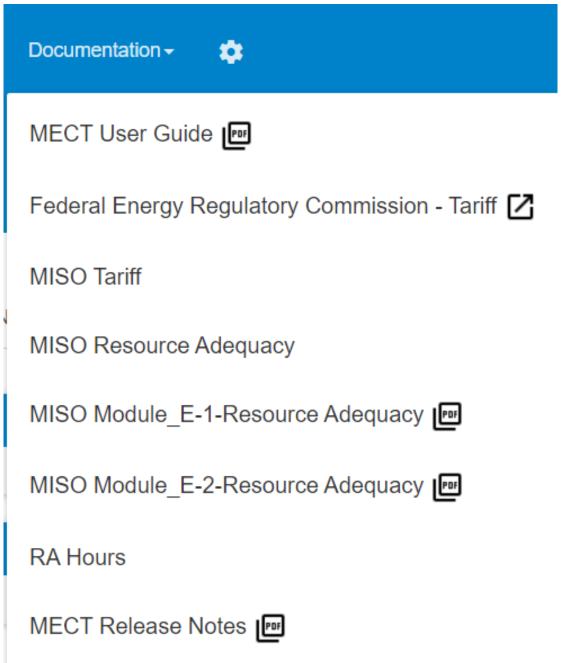


5) Once balance sheet has populated, you can select **Export.**
6) You have options on the file type to export. Selecting the Workbook option would give you a file with a tab for each season's input screens if you chose to select multiple seasons. The tabs will start with the respective first two letters of the season to discern which data set is being viewed.



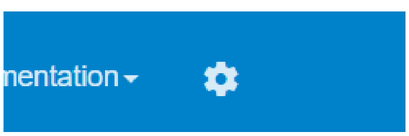
37. DOCUMENTATION

MECT Users may access relevant documents via the "Documentation" drop-down menu.



38. USER PREFERENCES

MECT has also been enhanced to include a "User Preferences" section that's accessible via the gear icon at the top right of the menu bar. This list of user preferences will continue to be refined, but in its initial roll-out includes customization of four main elements.



1. Data Tables Hover Highlight – Allows the user to better identify which row their cursor is on by highlighting the row selected across all MECT screens.

2. Data Tables Rows Shown – Users can set their preferred number of rows shown on any given MECT page. The option to change rows visible will still be found on any given page, but if a certain default is preferred, can be set here.

3. Data Tables Style – Offers a series of combinations of whether cells should be bordered, every-other row should be distinct shades, and whether rows should have more or less white space in a condensed or expanded view.

4. Shown Charts and Graphs By Default – Certain pages with graphable data are getting charts and graphs added throughout MECT. This setting allows the user to decide whether those should be shown or hidden by default. The charts will still be available and hidable on any given page individually, this just sets the default page load.

User Preferences

Preferences are automatically saved upon entering and leaving the field or clicking on the Check icon.

Search

Preference	Preference Setting (editable)	Description
DataTables Hover Highlight	Yes	Yes instructs DataTables to highlight a row when the mouse is hovered over it.
DataTables Rows Shown	15	Select the # of rows to show by default.
DataTables Style	Default	Select the style for the DataTable components. Cell Borders: puts a border around the table cells. Striped: shades every other row in the table. Condensed: lessens the amount of white space.
Show Charts and Graphs By Default	Yes	Select to have Charts visible or hidden by default.

Showing 1 to 4 of 4 entries   Show 15 entries   Previous 1 Next

RELATED DOCUMENTS

[BPM-11 Resource Adequacy]
[MISO Tariff Module E-1]
NERC MOD Standards
FERC 714 Reporting
Appendix A – Acronym List

APPENDIX A – ACRONYM LIST

ACP	Auction Clearing Price
ARC	Aggregated Retail Customer
ARR	Annual Revenue Rights
BPM	Business Practice Manual
BTMG	Behind-the-Meter-Generation
CCE	Customer Connectivity Environment
CEL	Capacity Export Limits
CIL	Capacity Import Limits
CPF	Coincident Peak Forecast
DSRI	Demand Side Resource Interface
EDC	Electric Distribution Company
ERZ	Emergency Response Coordinator
FRAP	Fixed Resource Adequacy Plan
FRP	Full Responsibility Purchases
FRS	Full Responsibility Sales
FRT	Full Responsibility Transaction
HUC	Historical Unit Considerations
LBA	Local Balancing Authority
LCR	Local Clearing Requirement
LRTA	Long-Term Reliability Assessment
LSA	Local Security Administrator
LSE	Load Serving Entity
MECT	Module E-1 Capacity Tracking
MP	Market Participant
PLC	Peak Load Contribution
PRA	Planning Resource Auction
PRMR	Planning Reserve Margin Requirement
RBDC	Reliability Based Demand Curve
SAC	Seasonal Accredited Capacity
SSLSA	Self-Service Local Security Administrator
TSR	Transmission Service Request
WLST	Wholesale Load Switching Transactions
ZDC	Zonal Deliverability Charge
ZRC	Zonal Resource Credit