

Information Document

Energy Trading System Pool Participant Manual: Submissions

ID #2013-001R



Information documents are not authoritative. Information documents are for information purposes only and are intended to provide guidance. In the event of any discrepancy between the information document and any authoritative document¹ in effect, the authoritative document governs.

1 Purpose

This information document relates to the following authoritative documents:

- Section 201.4 of the ISO rules, *Energy Market Submission Methods and Coordination of Submissions* ("Section 201.4");
- Section 202.4 of the ISO rules, *Managing Long Lead Time Assets* ("Section 202.4");
- Section 203.1 of the ISO rules, *Offers and Bids for Energy* ("Section 203.1");
- Section 203.3 of the ISO rules, *Energy Restatements* ("Section 203.3");
- Section 204.1 of the ISO rules, *Offers for Dispatch Down Service*;
- Section 204.3 of the ISO rules, *Dispatch Down Service Restatements*
- Section 306.5 of the ISO rules, *Generation Outage Reporting and Coordination* ("Section 306.5"); and
- Section 306.7 Mothball Outage Reporting ("Section 306.7").

The purpose of this information document is to provide pool participants with the AESO submission procedures pursuant to subsection 2(1) of Section 201.4. This information document is likely of most interest to pool participants that use the Energy Trading System to submit information to the AESO.

2 Background

The Energy Trading System submission procedures are outlined in the Energy Trading System manual, included in this information document as Appendix 1. This information document is for general information purposes only; it is based upon information which is subject to change. While the AESO endeavours to keep this manual up-to-date, the AESO assumes no obligation to do so or to notify any party of any changes, updates or new versions of this manual. Under no circumstances is the AESO, its members, officers, employees, contractors or agents, or any of their respective affiliates, liable for any errors or omissions in, or any losses, damages or claims whatsoever, whether in contract, tort or otherwise, arising from use of or reliance upon, this manual or any information contained herein. Parties using or relying on this manual do so solely at their own risk, and all information contained in this manual should be independently verified.

Appendices

Appendix 1 – Energy Trading System Pool Participant Manual: Submissions

¹ "Authoritative document" is the general name given by the AESO to categories of documents made by the AESO under the authority of the Electric Utilities Act and associated regulations, and that contain binding legal requirements for either market participants of the AESO, or both. Authoritative documents include: the ISO rules, the Alberta reliability standards, and the ISO tariff.

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Revision History

| Posting Date | Description of Changes |
|--------------|--|
| 2023-06-28 | Amended to include Mothball Outages to subsection 7, in accordance to ISO Rule 306.7. Administrative amendments made throughout document to reduce red-tape, fix typographical errors, clarify language, and align document with current AESO drafting principles. |
| 2021-03-29 | Amended subsection 8.2 of Appendix 1 to provide clarity regarding minimum stable generation restatements. Amended subsection 15.1 of Appendix 1 to provide clarity regarding returning long lead-time assets from an offline state. Added section 16 of Appendix 1 to provide information on managing operating reserve and energy market offers. Administrative amendments made throughout document to reduce red-tape, fix typographical errors, clarify language, and align document with current AESO drafting principles. <i>(this 'Description of Changes' cell was updated April 1, 2021)</i> |
| 2020-03-19 | Amended the note in subsection 16.1 to provide clarity regarding the submission of Start Time for long-lead time energy. |
| 2019-11-14 | Amended to support updated ETS platform. Included new reason field in Section 13. Revised to provide clarity in Sections 6.1 and 16 and administrative amendments. |
| 2016-01-26 | Amended to include process to designate a default offer control party in the ETS Amended to include Internet 9 as a supported platform Removed reference to planned outages, testing or commissioning of the pool asset, or any changes within plus or minus five MW in section 8 Administrative updates |
| 2013-01-08 | Initial release. |

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Appendix 1 – Energy Trading System Pool Participant Manual: Submissions

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1 System Requirements and Digital Certificates

The supported platform for the Energy Trading System is Microsoft Edge.

Certain communication with the AESO is handled through the internet, including the process to submit bids and offers, register or accept net settlement instructions, and retrieve statements. To ensure that the internet-based communication between pool participants and the AESO is secure, pool participants cannot receive access to the Energy Trading System without purchasing a digital certificate.

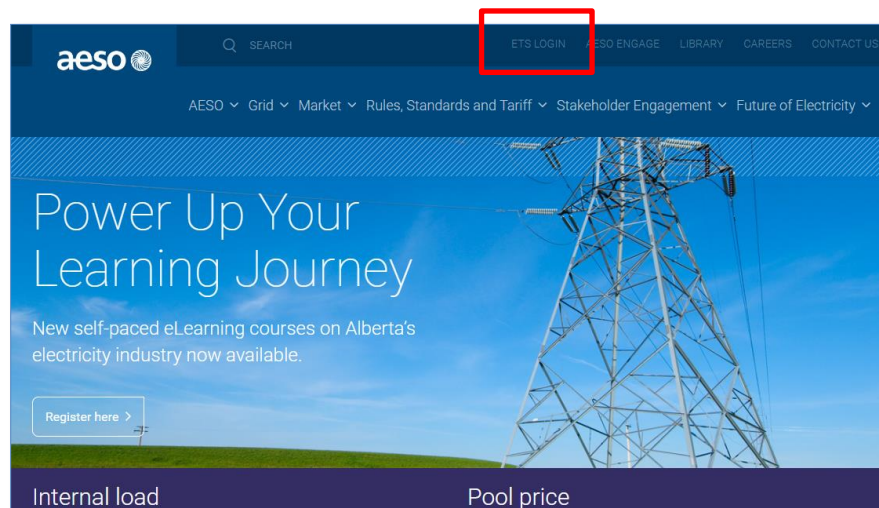
2 Contact Information

For information on accessing the Energy Trading System, you may contact info@aeso.ca.

3 Create a New Energy Submission from Scratch

3.1 Navigate to the Submission Screen

- (a) Through the [AESO website](#), log on to the system by clicking on the [ETS Login] icon on the top right corner of the screen.



- (b) Select the desired digital certificate and click on the [OK] button.
- (c) Select the ETS menu.

Note: The left side of the screen populates with links to which the pool participant has access.

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Welcome Training1 TRAINING ABCE Training1 of ABC Electric Ltd.

Version: 11.9.0.84

ETS Reports

NSI

File Upload

Submission

If disconnected from ETS, please try refreshing your browser to reconnect. If problem persists contact

AIES Event Log
Click here for information about Energy Emergency Alerts!
[Date/Time] [Comments]

Report Disclaimer
The above information represents a log of non-confidential system events of public interest that impact the AIES. It is a manual communications tool updated by the AESO on a reasonable efforts basis.

Estimated Cost of Constraint Report

| Date (HE) | Estimated Cost (\$) | Estimated TCR Charge (\$/MWh) | Location of Constraints |
|---------------|---------------------|-------------------------------|-------------------------|
| 04/20/2023 16 | - | - | - |
| 04/20/2023 15 | 0.00 | 0.00 | - |
| 04/20/2023 14 | - | - | - |
| 04/20/2023 13 | 0.00 | 0.00 | - |
| 04/20/2023 12 | 0.00 | 0.00 | - |

Supply Surplus Report
There is no data retrieved.
[Date (HE)] [Status]

System Marginal Price
Projected Pool Price for Hour Ending 16 is \$0.00 as of 15:51.
[Date (HE)] [Time] [Price (\$)] [Volume (MW)]

NOTE REMINDER: The information, including prices, posted on this page are subject to the AESO's website "Legal" notice. That "Legal" notice includes the following:
Currency of Web site: The AESO updates the information on this Web site regularly. However, the AESO cannot guarantee the accuracy, currency or completeness of the information at all times. The AESO may revise, supplement or delete information, services and/or the resources contained in the Web site and reserves the right to make such changes without prior notification to past, current or prospective visitors.
Exclusion of liability: The AESO shall not be liable for any claims, expenses, damages (including direct, indirect, special or consequential damages), loss of profits, opportunities or information arising from

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DDS Market Report
[Date/Time] [Available DDS (MW)]

NOTE REMINDER: The information posted on this page is subject to the AESO's website "Legal" notice.

Pool Price
There is no data retrieved.
[Date (HE)] [Price (\$)] [50Ravg (\$)] [AIL Demand (MW)]

Use of this site governed by these Terms © 2000 All rights reserved.

3.2 Create a New Energy Submission

- (a) Under the ETS menu, select [Submission] tab.

Note: The screen opens to the [Submission Information] tab by default.

- (b) Click on the [Energy Submission] tab.

Submission Information | **Energy Submission** | Ancillary Service | DDS Submission | Maintenance | Constraints | Outage Scheduling | Offer Control Maintenance

Start

1. Select Submission Type:
New Submission

2. Select Submission Action:
Create New from Scratch

3. Select Dispatch Date:
04/08/2023

4. Choose Asset Type:
☐ Sink ☐ Source

Next

- (c) From the [Select Submission Type] list box, choose [New Submission] from the list.

- (d) From the [Select Submission Action] list box, choose Create [New from Scratch] from the list.

Note: From the [Select Submission Action] list, the user also has the option to modify an existing submission, create a new submission from an existing one, or edit an existing energy submission.

- (e) From the [Select Dispatch Date] list box, choose a date.

Note: The dispatch date defaults to the next effective submission date. The next 7 days are accessible to create new from scratch, create new from existing and edit existing for energy submissions. These 7 days are deemed the forecast scheduling period.

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- (f) Under [Choose Asset Type], click on the [Sink] or [Source] radio button. Click the [Next] button.
- (g) From the [Select Asset] list box, choose the desired pool asset.

Start Result **Data Entry**

Enter New Submission for ABC Electric Ltd., AB1 T

Begin (hour ending): 01
End (hour ending): 24

6. Enter Pricing Block 0
Price(\$):
Amount(MW):

Offer Control Parties linked to this Asset:
No Offer Control Parties are linked.
Please use the Offer Control Maintenance tab to map Offer Control Parties to this asset.
Fill Price & MW and/or Offer Control
Clear Offer Control

7. Enter Availability
AC(MW):
MSG(MW):
Reason:
Fill AC/MSG

| | Block 0 | Offer Control | Block 1 | Offer Control | Block 2 | Offer Control | Block 3 | Offer Control | Block 4 | Offer Control |
|----|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|
| | \$/MWh | MW | \$/MWh | MW | \$/MWh | MW | \$/MWh | MW | \$/MWh | MW |
| 01 | 0.0 | 0 | | | | | | | | |
| 02 | 0.0 | 0 | | | | | | | | |
| 03 | 0.0 | 0 | | | | | | | | |
| 04 | 0.0 | 0 | | | | | | | | |
| 05 | 0.0 | 0 | | | | | | | | |
| 06 | 0.0 | 0 | | | | | | | | |
| 07 | 0.0 | 0 | | | | | | | | |
| 08 | 0.0 | 0 | | | | | | | | |
| 09 | 0.0 | 0 | | | | | | | | |
| 10 | 0.0 | 0 | | | | | | | | |
| 11 | 0.0 | 0 | | | | | | | | |
| 12 | 0.0 | 0 | | | | | | | | |
| 13 | 0.0 | 0 | | | | | | | | |
| 14 | 0.0 | 0 | | | | | | | | |
| 15 | 0.0 | 0 | | | | | | | | |
| 16 | 0.0 | 0 | | | | | | | | |
| 17 | 0.0 | 0 | | | | | | | | |
| 18 | 0.0 | 0 | | | | | | | | |
| 19 | 0.0 | 0 | | | | | | | | |
| 20 | 0.0 | 0 | | | | | | | | |
| 21 | 0.0 | 0 | | | | | | | | |
| 22 | 0.0 | 0 | | | | | | | | |
| 23 | 0.0 | 0 | | | | | | | | |
| 24 | 0.0 | 0 | | | | | | | | |

Standing Submission ☐ Yes ☐ No Maximum Capability(MW) 387

Submit Clear All Reset

Note: The [Data Entry] tab screen displays the submission filler to the left and the submission entry grid is enabled when all fields are empty. Pool participants may optionally use the filler to enter its price and real power output offer, and then select offer control parties², available capability, minimum stable generation, and acceptable operational reason.

Offer Control Parties linked to this Asset:

No Offer Control Parties are linked.
Please use the Offer Control Maintenance tab to map Offer Control Parties to this asset.

Fill Price & MW and/or Offer Control
Clear Offer Control

Note: The user will see the above message if there are no offer control parties linked to the asset. The user must map offer control parties to the asset before an offer

² See section 16 of this Appendix to determine how to identify one or more offer control party

control party will be available for selection in the filler area. Offer control parties are linked using the [Offer Control Maintenance] tab.

3.3 Link Offer Control and Default Offer Control Parties to Asset

- (a) Click on the [Offer Control Maintenance] tab and select the asset using the adjacent checkboxes. All active offer control parties are listed and are not specific to any one company.

Submission Information | Energy Submission | Ancillary Service | DDS Submission | Maintenance | Constraints | Outage Scheduling | **Offer Control Maintenance**

Result | DataEntry

Edit Asset to Offer Control Parties for AB1 Training Asset (AB1)

| Offer Control Parties | | | |
|--------------------------|------|--------|--|
| Select | ID | Status | Legal Name |
| <input type="checkbox"/> | ABCD | ACTIVE | ABC Power Ltd. |
| <input type="checkbox"/> | ABCE | ACTIVE | ABC Electric Ltd. |
| <input type="checkbox"/> | ABUS | ACTIVE | Active Business Services |
| <input type="checkbox"/> | ACE | ACTIVE | Alberta Cooperative Energy |
| <input type="checkbox"/> | ACEY | ACTIVE | Alberta Cooperative Energy |
| <input type="checkbox"/> | ACRL | ACTIVE | Canadian Natural Resources Limited |
| <input type="checkbox"/> | ADM | ACTIVE | ADM Agri-Industries Company |
| <input type="checkbox"/> | AECO | ACTIVE | AECO Gas Storage Partnership |
| <input type="checkbox"/> | AKMK | ACTIVE | Akamihk Energy Inc. |
| <input type="checkbox"/> | ALC | ACTIVE | Air Liquide Canada Inc. |
| <input type="checkbox"/> | ALP | ACTIVE | AltaGas Ltd. |
| <input type="checkbox"/> | ALPL | ACTIVE | Alberta Power (2000) Ltd. |
| <input type="checkbox"/> | ALPT | ACTIVE | Alberta Power (2000) Ltd. |
| <input type="checkbox"/> | ANC | ACTIVE | Alberta Newsprint Company |
| <input type="checkbox"/> | ANCP | ACTIVE | ANC Power Inc. |
| <input type="checkbox"/> | APC | ACTIVE | Heartland Generation Ltd. |
| <input type="checkbox"/> | APF | ACTIVE | Alberta Pacific Forest Industries |
| <input type="checkbox"/> | APL | ACTIVE | ATCO Electric Ltd. |
| <input type="checkbox"/> | APNC | ACTIVE | Heartland Generation Ltd. (J.V. with Nova) |
| <input type="checkbox"/> | APSH | ACTIVE | Heartland Generation Ltd. - Seaford |

| Offer Control Parties assigned to the Asset | | | | |
|---|----|--------|------------|---------|
| Select | ID | Status | Legal Name | Default |

Submit Reset

- (b) Select one or more offer control party from the [Offer Control Parties] list and use the arrows to remove and add an offer control party, as applicable. The offer control parties listed have been active in the last 30 days.
- (c) Select the [Submit] button. The Offer Control Party or Parties are now mapped to the asset.

Note: Offer control parties are to be linked to specific assets, including import and export assets, prior to inputting energy submissions, dispatch down service submissions or historical offer control party submissions in the Energy Trading System.

Submission Information | Energy Submission | Ancillary Service | DDS Submission | Maintenance | Constraints | Outage Scheduling | Offer Control Maintenance

Result | DataEntry

Edit Asset to Offer Control Parties for AB1 Training Asset (AB1)

| Offer Control Parties | | | |
|--------------------------|------|--------|---|
| Select | ID | Status | Legal Name |
| <input type="checkbox"/> | ABUS | ACTIVE | Active Business Services |
| <input type="checkbox"/> | ACE | ACTIVE | Alberta Cooperative Energy |
| <input type="checkbox"/> | ACEY | ACTIVE | Alberta Cooperative Energy |
| <input type="checkbox"/> | ACRL | ACTIVE | Canadian Natural Resources Limited |
| <input type="checkbox"/> | ADM | ACTIVE | ADM Agri-Industries Company |
| <input type="checkbox"/> | AECO | ACTIVE | AECO Gas Storage Partnership |
| <input type="checkbox"/> | AKMK | ACTIVE | Akamihk Energy Inc. |
| <input type="checkbox"/> | ALC | ACTIVE | Air Liquide Canada Inc. |
| <input type="checkbox"/> | ALP | ACTIVE | AltaGas Ltd. |
| <input type="checkbox"/> | ALPL | ACTIVE | Alberta Power (2000) Ltd. |
| <input type="checkbox"/> | ALPT | ACTIVE | Alberta Power (2000) Ltd. |
| <input type="checkbox"/> | ANC | ACTIVE | Alberta Newsprint Company |
| <input type="checkbox"/> | ANCP | ACTIVE | ANC Power Inc. |
| <input type="checkbox"/> | APC | ACTIVE | Heartland Generation Ltd. |
| <input type="checkbox"/> | APF | ACTIVE | Alberta Pacific Forest Industries |
| <input type="checkbox"/> | APL | ACTIVE | ATCO Electric Ltd. |
| <input type="checkbox"/> | APNC | ACTIVE | Heartland Generation Ltd. (J.V. with Nova) |
| <input type="checkbox"/> | APSU | ACTIVE | Heartland Generation Ltd. Scotford Upgrader |
| <input type="checkbox"/> | APTN | ACTIVE | ATCO Power (2010) Ltd. |

| Offer Control Parties assigned to the Asset | | | | |
|---|------|--------|-------------------|--------------------------|
| Select | ID | Status | Legal Name | Default |
| <input type="checkbox"/> | ABCD | ACTIVE | ABC Power Ltd. | <input type="checkbox"/> |
| <input type="checkbox"/> | ABCE | ACTIVE | ABC Electric Ltd. | <input type="checkbox"/> |

Submit Reset

- (d) A pool participant may also optionally select one or more of the linked offer control parties selected, using procedure described in subsection 2.3(c) of this appendix, to be designated as default offer control parties for energy submissions and dispatch down service submissions.

This is done by: checking the [Default] checkbox beside each linked offer control party that is to be designated as a default Offer Control Party; and selecting the [Submit] button.

Submission applies all default offer control party designations.

For Asset: AB1 - AB1 Training Asset, default Offer Control has been updated to:

- ABCD - ABC Power Ltd.
- ABCE - ABC Electric Ltd.

OK

Note: If any default Offer Control Party is designated, the Energy Trading System will apply the default Offer Control Party to future energy submissions and dispatch down service submissions where no offer control party is specified in the Energy Trading System submission or restatement. The default offer control party will not

be applied to any offer for which the offer control party has already been specified at the time of submission.

Note: The application of a default offer control party at the time of submission will be evident from the Energy Trading System submission acknowledgement window.

Note: The designation of default offer control parties does not add offer control parties to any current submissions that are missing offer control, nor does it add offer control parties to historical submissions. Details on updating historical offer control can be found in Section 6 of this appendix.

Note: The default offer control party will not be applied to offers for operating reserve as there is a separate process in the Energy Trading System for making this specification. See the Ancillary Services Restatements and Substitutions manual which can be found on the AESO website using the following path: www.aeso.ca > Market > Market Participation > System Tools > Energy Trading System (ETS) > ETS manuals.

3.4 Enter the Submission Data for each Applicable Operating Block

- (a) Click on [Energy Submission] tab.
- (b) From the [Select Submission Type] list box, choose [New Submission] from the list.
- (c) Under [Select Submission Action], choose [Create New from Scratch] from the list.
- (d) Under [Select Dispatch Date], choose a date.
- (e) Under [Choose Asset Type], click on the [Sink] or [Source] radio button. Click the [Next] button.

Note: In the example below, the asset is a source asset.

- (f) From the [Select Asset] list box, choose the desired pool asset.
- (g) From [Begin and End (hour ending)] list boxes on the [Filler] tab, choose the desired begin and end time for the desired operating block.

Note: Hour ending 01 and 24 are the default begin and end times.

- (h) From the [Enter Pricing] section on the [Filler] tab, choose an operating block number.

Note: [Block 0] is the initial default operating block number. In this example Block 0.

- (i) Enter pricing under [Price (\$)]. Press the [Tab] key to move to the next field. In the [Amount (MW)] field, enter an energy quantity, referred to as MW amount.

Note: MW amounts must be entered in whole numbers, while prices can have up to 2 decimal places.

- (j) Select offer control party using the checkboxes under [Offer Control Parties linked to this Asset], then select the [Fill Price & MW and/or Offer Control] button.

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Enter New Submission for ABC Electric Ltd., AB

Begin (hour ending): 01
End (hour ending): 24

6. Enter Pricing Block 1
Price(\$):
Amount(MW):

Offer Control Parties linked to this Asset:

| Select | ID | Legal Name |
|--------------------------|------|-------------------|
| <input type="checkbox"/> | ABCE | ABC Electric Ltd. |
| <input type="checkbox"/> | ABCD | ABC Power Ltd. |

7. Enter Availability
AC(MW):
MSG(MW):
Reason:

| Block 0 | | Offer Control | Block 1 | | Offer Control | Block 2 | | Offer Control | Block 3 | | Offer Control | Block 4 | | Offer Control |
|---------|----|---------------|---------|----|---------------|---------|----|---------------|---------|----|---------------|---------|----|---------------|
| \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | |
| 01 | 0 | 100 | ABCE | | | | | | | | | | | |
| 02 | 0 | 100 | ABCE | | | | | | | | | | | |
| 03 | 0 | 100 | ABCE | | | | | | | | | | | |
| 04 | 0 | 100 | ABCE | | | | | | | | | | | |
| 05 | 0 | 100 | ABCE | | | | | | | | | | | |
| 06 | 0 | 100 | ABCE | | | | | | | | | | | |
| 07 | 0 | 100 | ABCE | | | | | | | | | | | |
| 08 | 0 | 100 | ABCE | | | | | | | | | | | |
| 09 | 0 | 100 | ABCE | | | | | | | | | | | |
| 10 | 0 | 100 | ABCE | | | | | | | | | | | |
| 11 | 0 | 100 | ABCE | | | | | | | | | | | |
| 12 | 0 | 100 | ABCE | | | | | | | | | | | |
| 13 | 0 | 100 | ABCE | | | | | | | | | | | |
| 14 | 0 | 100 | ABCE | | | | | | | | | | | |
| 15 | 0 | 100 | ABCE | | | | | | | | | | | |
| 16 | 0 | 100 | ABCE | | | | | | | | | | | |
| 17 | 0 | 100 | ABCE | | | | | | | | | | | |
| 18 | 0 | 100 | ABCE | | | | | | | | | | | |
| 19 | 0 | 100 | ABCE | | | | | | | | | | | |
| 20 | 0 | 100 | ABCE | | | | | | | | | | | |
| 21 | 0 | 100 | ABCE | | | | | | | | | | | |
| 22 | 0 | 100 | ABCE | | | | | | | | | | | |
| 23 | 0 | 100 | ABCE | | | | | | | | | | | |
| 24 | 0 | 100 | ABCE | | | | | | | | | | | |

Standing Submission ☐ Yes ☐ No Maximum Capability(MW) 387

- (k) If required, repeat steps a) through j) above until the desired operating blocks are completed.

Note: Using the [Fill Price & MW and/or Offer Control] button will automatically advance the filler to the next block.

- (l) Enter the available capacity in the [AC (MW)] field.
- (m) Enter the minimum stable generation in the [MSG (MW)] field.
- (n) Enter the reason in the [Reason] field. Select the [Fill AC/MSG] button.

Note: To add data individually to each cell, click on the cell and add the data. Remember to exit that cell before exiting the screen, or the data from that cell will not be added.

Note: When utilizing multiple operating block offers, the price value is to be greater than the price in the previous operating block. The MW amount is to be equal to or greater than the previous MW amount operating block offer.

Note: The pool asset's available capacity must be equal to the maximum capability unless the pool participant has submitted an acceptable operational reason. The maximum capability is displayed below the entry grid.

The final operating block of the offer must equal the maximum capability of the pool asset.

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The following is a one-block example where the maximum capability of the asset is 387 MW.

Enter New Submission for ABC Electric Ltd., AB1

Begin (hour ending): 01
End (hour ending): 24

6. Enter Pricing Block 1

Price(\$):
Amount(MW):

Offer Control Parties linked to this Asset:

| Select | ID | Legal Name |
|--------------------------|------|-------------------|
| <input type="checkbox"/> | ABCE | ABC Electric Ltd. |
| <input type="checkbox"/> | ABCD | ABC Power Ltd. |

Fill Price & MW and/or Offer Control
Clear Offer Control

7. Enter Availability

AC(MW):
MSG(MW):
Reason:

Fill AC/MSG

| Block | Offer Control | \$/MWh | MW |
|---------|-------------------------------------|--------|----|
| Block 0 | <input checked="" type="checkbox"/> | | |
| Block 1 | <input checked="" type="checkbox"/> | | |
| Block 2 | <input checked="" type="checkbox"/> | | |
| Block 3 | <input checked="" type="checkbox"/> | | |
| Block 4 | <input checked="" type="checkbox"/> | | |

| | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW |
|----|--------|-----|------|--------|----|--|--------|----|--|--------|----|--|--------|----|
| 01 | 0 | 387 | ABCE | | | | | | | | | | | |
| 02 | 0 | 387 | ABCE | | | | | | | | | | | |
| 03 | 0 | 387 | ABCE | | | | | | | | | | | |
| 04 | 0 | 387 | ABCE | | | | | | | | | | | |
| 05 | 0 | 387 | ABCE | | | | | | | | | | | |
| 06 | 0 | 387 | ABCE | | | | | | | | | | | |
| 07 | 0 | 387 | ABCE | | | | | | | | | | | |
| 08 | 0 | 387 | ABCE | | | | | | | | | | | |
| 09 | 0 | 387 | ABCE | | | | | | | | | | | |
| 10 | 0 | 387 | ABCE | | | | | | | | | | | |
| 11 | 0 | 387 | ABCE | | | | | | | | | | | |
| 12 | 0 | 387 | ABCE | | | | | | | | | | | |
| 13 | 0 | 387 | ABCE | | | | | | | | | | | |
| 14 | 0 | 387 | ABCE | | | | | | | | | | | |
| 15 | 0 | 387 | ABCE | | | | | | | | | | | |
| 16 | 0 | 387 | ABCE | | | | | | | | | | | |
| 17 | 0 | 387 | ABCE | | | | | | | | | | | |
| 18 | 0 | 387 | ABCE | | | | | | | | | | | |
| 19 | 0 | 387 | ABCE | | | | | | | | | | | |
| 20 | 0 | 387 | ABCE | | | | | | | | | | | |
| 21 | 0 | 387 | ABCE | | | | | | | | | | | |
| 22 | 0 | 387 | ABCE | | | | | | | | | | | |
| 23 | 0 | 387 | ABCE | | | | | | | | | | | |
| 24 | 0 | 387 | ABCE | | | | | | | | | | | |

Standing Submission ☐ Yes ☐ No

Maximum Capability(MW) 387

The following is a multiple-block example where the maximum capability of the asset is 387 MW.

Enter New Submission for ABC Electric Ltd., AB1

Begin (hour ending): 01
End (hour ending): 24

6. Enter Pricing Block 3

Price(\$):
Amount(MW):

Offer Control Parties linked to this Asset:

| Select | ID | Legal Name |
|--------------------------|------|-------------------|
| <input type="checkbox"/> | ABCE | ABC Electric Ltd. |
| <input type="checkbox"/> | ABCD | ABC Power Ltd. |

Fill Price & MW and/or Offer Control
Clear Offer Control

7. Enter Availability

AC(MW):
MSG(MW):
Reason:

Fill AC/MSG

| Block | Offer Control | \$/MWh | MW |
|---------|-------------------------------------|--------|----|
| Block 0 | <input checked="" type="checkbox"/> | | |
| Block 1 | <input checked="" type="checkbox"/> | | |
| Block 2 | <input checked="" type="checkbox"/> | | |
| Block 3 | <input checked="" type="checkbox"/> | | |
| Block 4 | <input checked="" type="checkbox"/> | | |

| | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW |
|----|--------|-----|------|--------|-----|------|--------|-----|------|--------|----|--|--------|----|
| 01 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 02 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 03 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 04 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 05 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 06 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 07 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 08 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 09 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 10 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 11 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 12 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 13 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 14 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 15 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 16 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 17 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 18 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 19 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 20 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 21 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 22 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 23 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 24 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |

Standing Submission ☐ Yes ☐ No

Maximum Capability(MW) 387

Note: For reference purposes, all existing Mothball Outages (MBO) currently affecting the asset will be displayed in the MBO column. The maximum AC entered must be no greater than the maximum capability of the pool asset less any submitted MBO.

| Block 0 | | Offer Control | Block 1 | | Offer Control | Block 2 | | Offer Control | Block 3 | | Offer Control | Block 4 | | Offer Control | Block 5 | | Offer Control | Block 6 | | Offer Control | DOS Offer | AC | MBO | HSG |
|---------|-----|---------------|---------|-------|---------------|---------|--------|---------------|---------|----|---------------|---------|----|---------------|---------|----|---------------|---------|----|---------------|-----------|----|-----|-----|
| \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | | | | |
| 01 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 02 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 03 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 04 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 05 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 06 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 07 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 08 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 09 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 10 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 11 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 12 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 13 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 14 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 15 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 16 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 17 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 18 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 19 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 20 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 21 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 22 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 23 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 24 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |

Standing Submission ☐ Yes ☐ No Maximum Capability(MW) 387

Note: Above each operating block is a [Flex Block] flag button, which indicates whether an operating block can be partially dispatched. A pool participant must submit whether an operating block is flexible or inflexible as per subsection 3(3)(c) of Section 203.1.

When checked, the “flex block” status applies to the entire operating block for all hours of the submission; it is checked by default. Uncheck the [Flex Block] flag to deselect it indicating the operating block is inflexible.

| Block 0 | | Offer Control | Block 1 | | Offer Control | Block 2 | | Offer Control | Block 3 | | Offer Control | Block 4 | | Offer Control | Block 5 | | Offer Control | Block 6 | | Offer Control | DOS Offer | AC | MBO | HSG |
|---------|-----|---------------|---------|-------|---------------|---------|--------|---------------|---------|----|---------------|---------|----|---------------|---------|----|---------------|---------|----|---------------|-----------|----|-----|-----|
| \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | | | | |
| 01 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 02 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 03 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |
| 04 | 0.0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | | | | | | | | 387 | 0 | 10 | |

Note: Located below the entry grid is the [Clear All] and [Reset] buttons. The [Clear All] button removes all entries on the existing screen. The [Reset] button removes any changes made to the entries and returns them to their original values.

Standing Submission ☐ Yes ☐ No Maximum Capability(MW) 387

Submit Clear All Reset

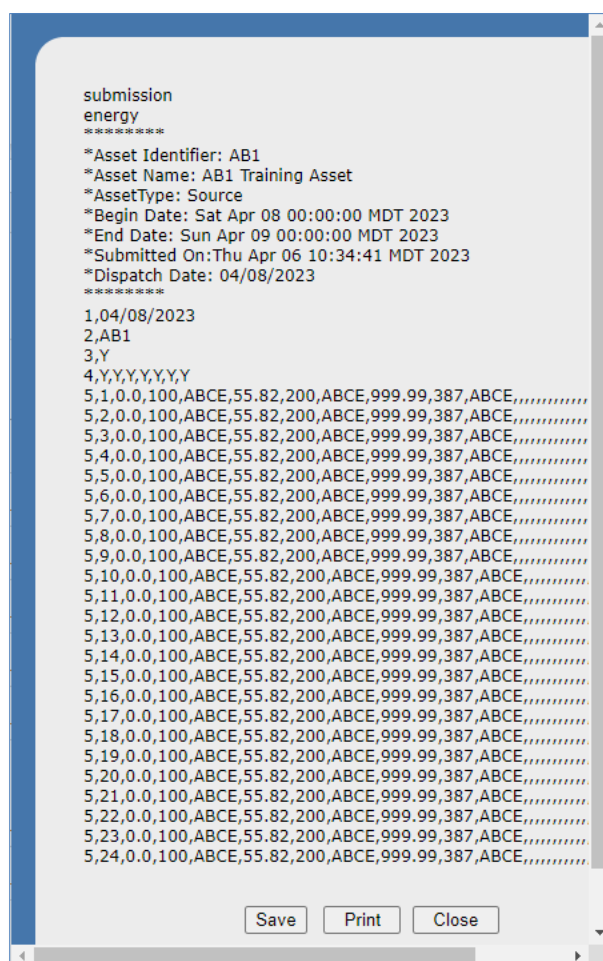
- (o) Click on the [Yes] or [No] radio button beside [Standing Submission] at the bottom of the screen.

Selecting [Yes] allows this submission to be used as a default for future submissions. This includes the price and MW amount offer structure, as well as any declared offer control parties, and the Minimum Stable Generation (MSG) values. These standing submissions can be restated closer to the actual dispatch date.

Note that the Available Capability (AC) values and the associated reason(s) are not included as part of a standing submission.

Note: In order to set up a standing submission, the entire forecast scheduling period must have offers entered, and [Yes] standing submission must be selected on every day within the forecast scheduling period. However, the price and MW amount offer structure on the 7th day of the forecast scheduling period is the standing submission that becomes the new default offer structure.

- (p) Select the [Submit] button.



The screenshot shows a confirmation window titled "submission energy" with a scrollable text area containing the following information:

```

=====
*Asset Identifier: AB1
*Asset Name: AB1 Training Asset
*AssetType: Source
*Begin Date: Sat Apr 08 00:00:00 MDT 2023
*End Date: Sun Apr 09 00:00:00 MDT 2023
*Submitted On: Thu Apr 06 10:34:41 MDT 2023
*Dispatch Date: 04/08/2023
=====
1,04/08/2023
2,AB1
3,Y
4,Y,Y,Y,Y,Y,Y
5,1,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,2,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,3,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,4,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,5,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,6,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,7,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,8,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,9,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,10,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,11,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,12,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,13,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,14,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,15,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,16,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,17,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,18,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,19,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,20,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,21,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,22,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,23,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,24,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
    
```

At the bottom of the window are three buttons: "Save", "Print", and "Close".

Once the [Submit] button has been selected, a confirmation screen appears containing the acknowledgement results of the submission.

Error messages are generated if data is not correct upon submission of the values and the submission is not accepted.

- (q) Select the [Save], [Print], or [Close] button. The AESO recommends each pool participant retain a copy of the acknowledgement for its records.

3.5 Troubleshooting

Why can't I access the Energy Trading System?

A valid digital certificate is required to access the Energy Trading System. Please view our website for more information about digital certificates using the following path: www.aeso.ca > Market > Market Participation > System Tools > Energy Trading system (ETS) > Accessing ETS.

The acknowledgement indicates that the submission failed and that there was a validation error. What does this mean?

A validation error is displayed when the submission did not meet the correct criteria. The cause of the error will be displayed in the confirmation. For example, if the final operating block does not equal the maximum capability, a validation error will occur. Even if the available capability is lower than the maximum capability, the last operating block offer must always offer the full maximum capability as per subsection 3(4)(a) of Section 203.1.

I tried using the [Fill Price & MW] function and received an error. Why?

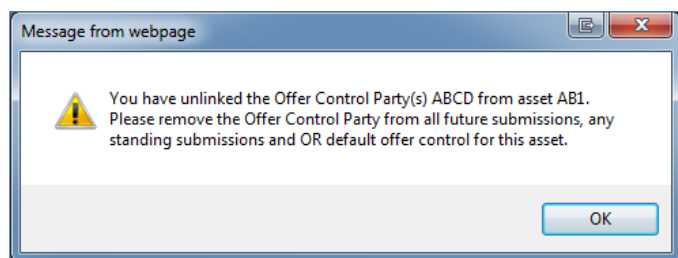
When utilizing multiple operating block the price value must be greater than the previous operating block price. The MW amount must be equal to or greater than the previous MW amount operating block.

An offer control party is no longer active, but it is showing up in the Offer Control Parties List. Why?

It is up to pool participants to contact the AESO via info@aesocanada.com and advise of the “inactive” status of its offer control party. The change is implemented by the AESO as soon as practicable, but it is the sole responsibility of the pool participant to ensure that it cleans up any future submissions, standing submissions, and operating reserve default offer control information where the inactive offer control party resides.

I've removed a default offer control party from a pool asset, but it is still showing up in the pool asset standing submission?

When a pool participant removes, or un-maps, an offer control party from a pool asset, it receives a message similar to the one below. Each pool participant should ensure that it removes the offer control party from all future submissions, any standing submissions, and operating reserves default offer control.



4 Create a New Energy Offer from an Existing Offer

4.1 Create a New Submission using an Existing Submission

- Click on [Energy Submission] tab.
- From the [Select Submission Type] list box, choose [New Submission] from the list.
- Under [Select Submission Action] choose [Create New using Existing] from the list.
- Under [Select Dispatch Date] choose a date.

Note: The dispatch date defaults to the next available submission date. In this example, the new energy offer is being created for April 9, 2023.



Submission Information | **Energy Submission** | Ancillary Service | DDS Submission | Maintenance | Constraints | Outage Scheduling | Offer Control Maintenance

Start

1. Select Submission Type:
New Submission

2. Select Submission Action:
Create New using Existing

3. Select Dispatch Date:
04/09/2023

4. Choose Asset Type:
☐ Sink ☒ Source


Next

- Under [Choose Asset Type], click on the [Sink] or [Source] radio button. Click [Next].

Note: In this example, [Source] is being selected.

- From the [Select Asset] list box, choose the desired pool asset.
- Select the desired submission date from the selection box.

Note: The [Existing Submissions] screen appears on the right side and provides a listing of available historical submissions to select from.



Submission Information | **Energy Submission** | Ancillary Service | DDS Submission | Maintenance | Constraints | Outage Scheduling | Offer Control Maintenance

Start | **Result**

5. Select Asset:

| Identifier | Name | Submission Date |
|------------|--------------------|-----------------|
| AB1 | AB1 Training Asset | 04/07/2023 |
| | | 04/08/2023 |
| | | 04/09/2023 |

Note: The energy submission grid is populated with previously entered data for the selected date.

Information Document

Energy Trading System Pool Participant Manual:

Submissions

ID #2013-001R



Enter New Submission for ABC Electric Ltd., AB1

Begin (hour ending): 01
End (hour ending): 24

6. Enter Pricing
Block 3
Price(\$):
Amount(MW):

Offer Control Parties linked to this Asset:

| Select | ID | Legal Name |
|--------------------------|------|-------------------|
| <input type="checkbox"/> | ABCE | ABC Electric Ltd. |
| <input type="checkbox"/> | ABCD | ABC Power Ltd. |

Fill Price & MW and/or Offer Control
Clear Offer Control

7. Enter Availability
AC(MW):
MSG(MW):
Reason:
Fill AC/MSG

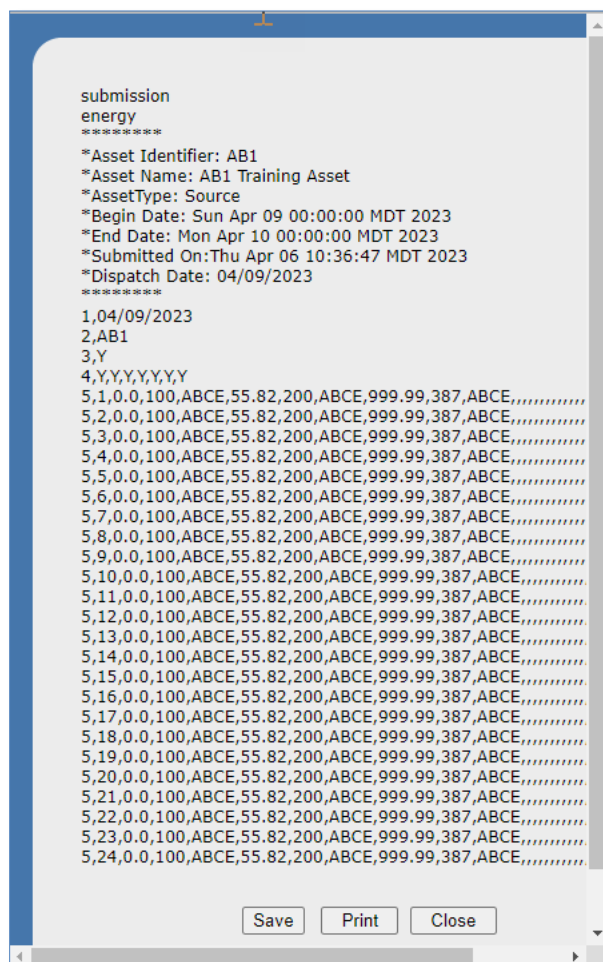
| Block 0 | | Offer Control | Block 1 | | Offer Control | Block 2 | | Offer Control | Block 3 | | Offer Control | Block 4 | | Offer Control |
|---------|----|---------------|---------|-------|---------------|---------|--------|---------------|---------|----|---------------|---------|----|---------------|
| \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | |
| 01 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 02 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 03 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 04 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 05 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 06 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 07 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 08 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 09 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 10 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 11 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 12 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 13 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 14 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 15 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 16 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 17 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 18 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 19 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 20 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 21 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 22 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 23 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |
| 24 | 0 | 100 | ABCE | 55.82 | 200 | ABCE | 999.99 | 387 | ABCE | | | | | |

Standing Submission ☐ Yes ☐ No Maximum Capability(MW) 387

Note: To add or modify data in an individual cell, click on the cell, add the data, and press [Enter]. Remember to exit the cell before exiting the screen or the data from that cell will not be added.

- (h) Select the [Submit] button.
- (i) [Save], [Print], or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.

Error messages are generated if data is not correct upon submission of the values and the submission is not accepted.



submission
energy

*Asset Identifier: AB1
*Asset Name: AB1 Training Asset
*AssetType: Source
*Begin Date: Sun Apr 09 00:00:00 MDT 2023
*End Date: Mon Apr 10 00:00:00 MDT 2023
*Submitted On: Thu Apr 06 10:36:47 MDT 2023
*Dispatch Date: 04/09/2023

1,04/09/2023
2,AB1
3,Y
4,Y,Y,Y,Y,Y,Y
5,1,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,2,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,3,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,4,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,5,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,6,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,7,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,8,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,9,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,10,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,11,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,12,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,13,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,14,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,15,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,16,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,17,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,18,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,19,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,20,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,21,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,22,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,23,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....
5,24,0.0,100,ABCE,55.82,200,ABCE,999.99,387,ABCE,.....

Save Print Close

4.2 Troubleshooting

If I make changes to an existing submission for a pool asset, does it change the standing submission going forward?

No, making an edit to an existing submission does not change the standing submission.

5 Energy Restatements

The following section details the steps involved for creating energy restatements.

5.1 Create an Available Capability Restatement

An available capability restatement consists of restating the pool asset's available capability when a pool participant is unable to provide the pool asset's maximum capability. A pool participant must provide an acceptable operational reason with the available capability restatement, pursuant to Section 203.3.

For further clarification on acceptable operational reasons, please refer to the AESO's *Consolidated Authoritative Document Glossary* and Information Document #2009-003R, *Acceptable Operational Reasons* ("ID #2009-003R").

Information Document

Energy Trading System Pool Participant Manual: Submissions

ID #2013-001R



- (a) Click on the [Energy Submission] tab.

Submission Information | **Energy Submission** | Ancillary Service | DDS Submission | Maintenance | Constraints | Outage Scheduling | Offer Control Maintenance

Start

1. Select Submission Type:
Restatement

2. Select Submission Action:
Edit Existing

3. Select Dispatch Date:
04/28/2023

4. Choose Asset Type:
☐ Sink ☒ Source

Next

- (b) From the [Select Submission Type] list box, choose a [Restatement] from the list.

- (c) From the [Select Submission Action] list box, choose [Edit Existing] from the list.

- (d) From the [Select Dispatch Date] list box, choose a date.

Note: Valid restatement dates are those within the current restatement period. For example, if the date is April 28, 2023, and it is before 12 p.m., restatements can only occur for April 28. However, if it is after 12 p.m., restatements can occur for April 28 and April 29.

- (e) Under [Choose Asset Type], click on the [Sink] or [Source] radio button. Click [Next].

Note: In this example, Source asset is being used.

- (f) From the [Select Asset Type] list box, choose the desired pool asset from the list.

Note: The restatement screen appears. In this example, the current time is 11:05 am.

Enter Restatement for ABC Electric Ltd., AB1 Training Asset(AB1) Source for Apr 28, 2023

| Block | Offer Control | Block | Offer Control | Block | Offer Control | Block | Offer Control | Block | Offer Control | Block | Offer Control | Block | Offer Control | Block | Offer Control | DDS Offer | AC | HBO | MSG |
|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-----------|----|-----|-----|
| 01 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 02 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 03 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 04 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 05 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 06 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 07 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 08 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 09 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 10 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 11 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 12 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 13 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 14 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 15 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 16 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 17 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 18 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 19 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 20 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 21 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 22 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 23 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |
| 24 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | 297 | 0 | 10 | |

Standing Submission ☒ Yes ☐ No Maximum Capability(MW) 297

Submit Reset

As shown in the above restatement screen, the Energy Trading System automatically greys out the cells in each operating block that are unavailable for modification. During the T-2 period, the current hour ending plus next 2 hours, the price values are greyed out, as pool participants are tied to prices for this duration.

On the [Filler] tab on the left, the [Enter Availability] section can be used to update available capability values. However, the [Begin (hour ending)] field is only accessible outside of the T-2 period. All available capability updates within T-2 must be manually entered on the grid under the [AC] column.

Note: For reference purposes, all existing Mothball Outages (MBO) currently affecting the asset will be displayed in the MBO column. The maximum AC entered must be no greater than the maximum capability of the pool asset less any submitted MBO.

- (g) Under the [AC] column, enter the desired restated available capability and the associated reason under the [Reason] column.

Enter Restatement for ABC Electric Ltd., AB1 Training Asset(AB1) Source for Apr 28,2023

| | Block 0 | | Offer Control | | Block 1 | | Offer Control | | Block 2 | | Offer Control | | Block 3 | | Offer Control | | Block 4 | | Offer Control | | Block 5 | | Offer Control | | Block 6 | | Offer Control | | DD5 Offer | AC | MBO | MSG | Reason |
|----|---------|-----|---------------|-------|---------|------|---------------|--|---------|----|---------------|--|---------|----|---------------|--|---------|----|---------------|--|---------|----|---------------|--|---------|----|---------------|--|-----------|----|-----|-------------------|--------|
| | \$/MWh | MW | | | \$/MWh | MW | | | \$/MWh | MW | | | \$/MWh | MW | | | \$/MWh | MW | | | \$/MWh | MW | | | \$/MWh | MW | | | | | | | |
| 01 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 02 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 03 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 04 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 05 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 06 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 07 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 08 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 09 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 10 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 11 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 12 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 200 | 0 | 10 | Detailed AOR | |
| 13 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 14 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 15 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 16 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 17 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 18 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 19 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 20 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 21 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 22 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 23 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |
| 24 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations | |

Standing Submission ☐ Yes ☒ No Maximum Capability(MW) 297

- (h) At the bottom of the screen, click on the [Submit] button to complete the submission.

WARNING: Confirm that this submission meets the applicable requirements as defined in the ISO rules. Press Yes to proceed with the submission.

Note: Pursuant to Section 203.3, enter an acceptable operational reason when restating the available capability of the asset as in the above example. If the submission meets the applicable requirements as defined in the ISO rules, select [Yes] button to continue with the submission. Select [No] button to return to the energy grid to edit or complete the acceptable operational reason requirement.

- (i) [Save], [Print], or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.

5.2 Troubleshooting

The [Filler] tool won't make the available capability change in the hour ending I require. How come?

The [Filler] tool does not work during the T-2 period. Click directly in the cell to be changed and manually enter the available capability amount and reason.

How much detail should I provide for my appropriate acceptable operational reason?

The Energy Trading System has up to 1024 characters to record and communicate an acceptable operational reason. AESO Compliance Monitoring should understand the purpose of the update and be able to differentiate the reasons from an available capability restatement, MW amount restatement or minimum stable generation restatement.

What is T-2?

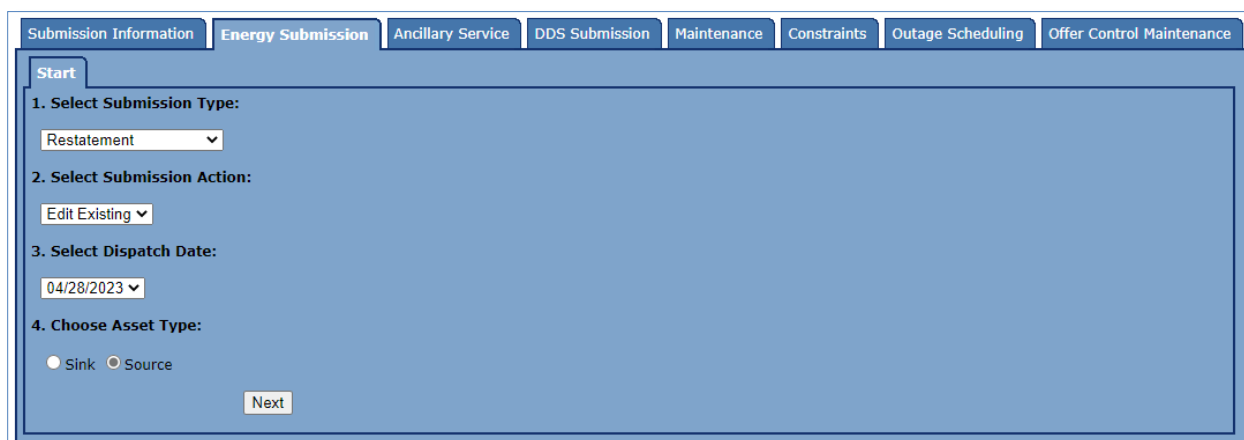
T-2 is the current hour ending plus 2 hours. For example, if the current time is 10:05 a.m. it is considered Hour Ending 11. Add 2 hours to the current hour ending; in this example the T-2 period is Hour Ending 11, 12, and 13.

5.3 Create a MW Restatement

This type of restatement is to be used when a pool participant has submitted an offer and needs to submit a revised offer for its pool asset by redistributing the amount (MW) to represent the operating state of the pool asset. Please see Section 203.3 for the conditions under which an amount (MW) restatement can be made.

For further clarification on acceptable operational reasons, please refer to the AESO's *Consolidated Authoritative Document Glossary* and ID #2009-003R.

- (a) Click on the [Energy Submission] tab.



- (b) From the [Select Submission Type] list box, choose Restatement from the list.
- (c) From the [Select Submission Action] list box, choose Edit Existing from the list.
- (d) From the [Select Dispatch Date] list box, choose a date.

Note: In this example the date is April 28, 2023.

- (e) Under [Choose Asset Type], click on the [Sink] or [Source] radio button. Click the [Next] button.

aeso 

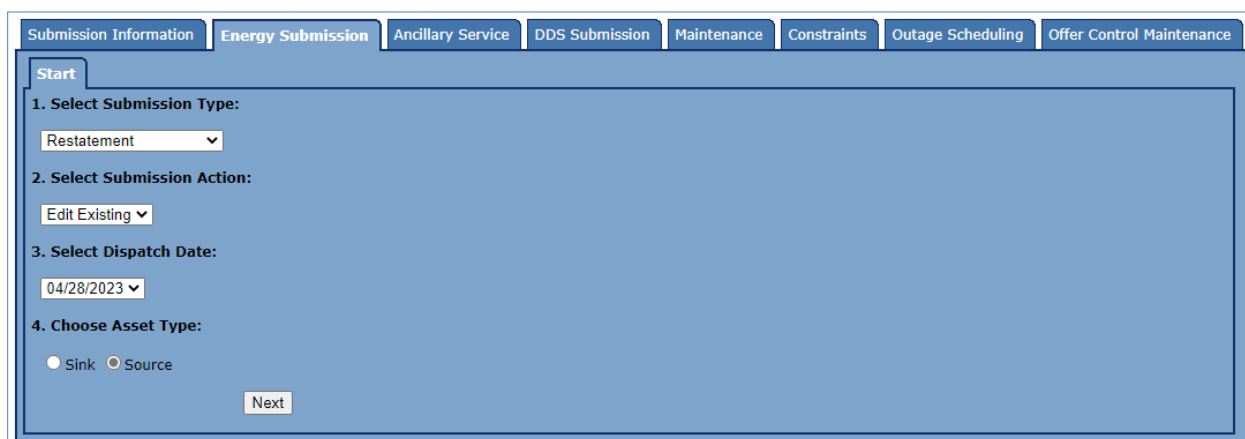
continue with the submission. Select [No] to return to the energy grid to edit or complete the acceptable operational reason requirement.

- (j) [Save], [Print] or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.

5.4 Create a Price/Quantity Restatement Prior to T-2

A price/quantity restatement allows a pool participant to change their price and/or operating block amount (MW) for time periods greater than 2 hours before the start of the settlement interval, in explanation outside of the T-2 period, and does not require an acceptable operational reason.

- (a) Click on the [Energy Submission] tab.



The screenshot shows a web application interface for submitting energy data. At the top, there is a horizontal navigation bar with several tabs: 'Submission Information', 'Energy Submission' (which is highlighted), 'Ancillary Service', 'DDS Submission', 'Maintenance', 'Constraints', 'Outage Scheduling', and 'Offer Control Maintenance'. Below the navigation bar, there is a 'Start' button. The main content area contains four numbered steps: 1. 'Select Submission Type:' with a dropdown menu showing 'Restatement'; 2. 'Select Submission Action:' with a dropdown menu showing 'Edit Existing'; 3. 'Select Dispatch Date:' with a date picker showing '04/28/2023'; and 4. 'Choose Asset Type:' with two radio buttons, 'Sink' and 'Source', where 'Source' is selected. A 'Next' button is located at the bottom right of the form.

- (b) From the [Select Submission Type] list box, choose Restatement from the list.
- (c) From the [Select Submission Action] list box, choose Edit Existing from the list.
- (d) From the [Select Dispatch Date] list box, choose a date.
- (e) Under [Choose Asset Type], click on the [Sink] or [Source] radio button. Click [Next]
Note: In this example, [Source] is selected.
- (f) From the [Choose Asset] list box, choose the desired pool asset from the list.
Note: The restatement screen appears. In this example, the current time is 11:45 a.m. and the restatement is for an offer that is to be effective in HE24.

Information Document

Energy Trading System Pool Participant Manual: Submissions

ID #2013-001R



Begin (hour ending): 01
End (hour ending): 24

6. Enter Pricing Block 0

Price(\$):
Amount(MW):

Offer Control Parties linked to this Asset:

| Select | ID | Legal Name |
|--------------------------|------|-------------------|
| <input type="checkbox"/> | ABCE | ABC Electric Ltd. |
| <input type="checkbox"/> | ABCD | ABC Power Ltd. |

Fill Price & MW and/or Offer Control
Clear Offer Control

7. Enter Availability

AC(MW):
MSG(MW):
Reason:
Fill AC/MSG

| | Block 0 | Offer Control | Block 1 | Offer Control | Block 2 |
|----|---------|---------------|---------|---------------|---------|
| | \$/MWh | MW | \$/MWh | MW | \$/MWh |
| 01 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 02 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 03 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 04 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 05 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 06 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 07 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 08 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 09 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 10 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 11 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 12 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 13 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 14 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 15 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 16 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 17 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 18 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 19 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 20 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 21 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 22 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 23 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 24 | 0.0 | 100 | ABCE | 150.0 | 297 |

Standing Submission ☐ Yes ☐ No

Note: To update information outside of T-2, the pool participant may either use the [Filler] or manual entry.

| | Block 0 | Offer Control | Block 1 | Offer Control | Block 2 |
|----|---------|---------------|---------|---------------|---------|
| | \$/MWh | MW | \$/MWh | MW | \$/MWh |
| 01 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 02 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 03 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 04 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 05 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 06 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 07 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 08 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 09 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 10 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 11 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 12 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 13 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 14 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 15 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 16 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 17 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 18 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 19 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 20 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 21 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 22 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 23 | 0.0 | 100 | ABCE | 150.0 | 297 |
| 24 | 0.0 | 100 | ABCE | 999.99 | 297 |

- (g) Click on the [Submit] button.
- (h) [Save], [Print], or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.

5.5 Troubleshooting

Some of the price cells are greyed out and I cannot change them. Why?

Prices within 2 hours of the start of the settlement interval are locked in. During this T-2 period, only the available capability can be restated with an acceptable operational reason, available capability restatement, or the MW amount can be changed with an acceptable operational reason (MW restatement).

In a voluntary price/quantity restatement, price and/or MW amount may be changed outside of the T-2 period without an acceptable operational reason.

5.6 Offer Control Party Restatement

- (a) Click on the [Energy Submission] tab.



The screenshot shows a web-based form for 'Energy Submission'. At the top, there are several tabs: 'Submission Information', 'Energy Submission' (which is active), 'Ancillary Service', 'DDS Submission', 'Maintenance', 'Constraints', 'Outage Scheduling', and 'Offer Control Maintenance'. Below the tabs, the form is titled 'Start' and contains four numbered steps:

- 1. Select Submission Type:** A dropdown menu with 'Restatement' selected.
- 2. Select Submission Action:** A dropdown menu with 'Edit Existing' selected.
- 3. Select Dispatch Date:** A date picker showing '04/12/2023'.
- 4. Choose Asset Type:** Two radio buttons, 'Sink' and 'Source', with 'Source' selected.

At the bottom right of the form, there is a 'Next' button.

- (b) From the [Select Submission Type] list box, choose the Restatement from the list.
- (c) From the [Select Submission Action], choose Edit Existing from the list.
- (d) From the [Select Dispatch Date] list box, choose the current day or the next trading day.
- (e) From the [Choose Asset Type] list box, choose the desired pool asset.
- (f) Under the [Offer Control Parties linked to this Asset], select the offer control party desired.
- (g) Select the [Fill Price & MW and/or Offer Control] button.
- (h) Select the [Submit] button.

Note: In this example, the Offer Control Party for Block 0 for HE20-24 is restated from ABCE to ABCD. As this is outside of T-2, the [Filler] can be used.

Note: If only the offer control party is being restated, then no acceptable operational reason is required.

| | Block 0 | | Offer Control | Block 1 | | Offer Control | Block 2 | | Offer Control | Block 3 | | Offer Control |
|----|---------|-----|---------------|---------|-----|---------------|---------|----|---------------|---------|----|---------------|
| | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | |
| 01 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 02 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 03 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 04 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 05 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 06 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 07 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 08 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 09 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 10 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 11 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 12 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 13 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 14 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 15 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 16 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 17 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 18 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 19 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 20 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 21 | 0.0 | 100 | ABCD | 150.0 | 297 | ABCE | | | | | | |
| 22 | 0.0 | 100 | ABCD | 150.0 | 297 | ABCE | | | | | | |
| 23 | 0.0 | 100 | ABCD | 150.0 | 297 | ABCE | | | | | | |
| 24 | 0.0 | 100 | ABCD | 150.0 | 297 | ABCE | | | | | | |

Standing Submission ☐ Yes ☐ No Maximum Capability(MW) 297

- (i) [Save], [Print], or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.
- (j) Within the T-2 period, changes to the offer control parties can only be made in the grid. The [Filler] cannot be used.

Note: In this example, the Offer Control Party is changing from ABCE to ABCD within the T-2 period.

| | Block 0 | | Offer Control | Block 1 | | Offer Control | Block 2 | | Offer Control | Block 3 | | Offer Control |
|----|---------|-----|---------------|---------|-----|---------------|---------|----|---------------|---------|----|---------------|
| | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | | \$/MWh | MW | |
| 01 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 02 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 03 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 04 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 05 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 06 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 07 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 08 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 09 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 10 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 11 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 12 | 0.0 | 100 | ABCD | 150.0 | 297 | ABCE | | | | | | |
| 13 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 14 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 15 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 16 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 17 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 18 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 19 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 20 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 21 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 22 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 23 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |
| 24 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | |

Standing Submission ☐ Yes ☐ No Maximum Capability(MW) 297

5.7 Troubleshooting

I restated the offer control party for my pool asset within the T-2 period, but wasn't asked to provide any acceptable operational reason. Why?

If a pool participant changes one or both of the MW amount and the offer control party *within* the T-2 period, the pool participant needs to provide an acceptable operational reason. However, if the pool participant is only restating the offer control party within the T-2 period, it is not required to provide an acceptable operational reason.

6 Energy Historical Offer Control

A pool participant has the ability to submit offer control party information on a historical basis if it is unable to submit the offer control party at the same time as their submission data. Pool participants can edit historical offer control parties up to 30 days from the dispatch date.

6.1 Edit Offer Control

- (a) Click on the [Energy Submission] tab.



Submission Information | **Energy Submission** | Ancillary Service | DDS Submission | Maintenance | Constraints | Outage Scheduling | Offer Control Maintenance

Start

1. Select Submission Type:
New Submission

2. Select Submission Action:
Create New from Scratch

3. Select Dispatch Date:
04/22/2023

4. Choose Asset Type:
☐ Sink ☒ Source

Next

- (b) From the [Select Submission Type] list box, choose the Historical Offer Control from the list.
- (c) From the [Select Submission Action] list box, choose Edit Offer Control from the list.
- (d) From the [Select Dispatch Date] – choose any date up to 30 days from the dispatch date.
- Note:** In this example, the date being edited is April 19, 2023.
- (e) Under [Choose Asset Type], click on [Sink] or [Source] radio button. Click [Next].

Note: In this example [Source] is chosen.

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5. Enter Offer Control

Begin (hour ending): 01
End (hour ending): 24

Block: Block 0

Offer Control Parties linked to this Asset:

| Select | ID | Legal Name |
|--------------------------|------|-------------------|
| <input type="checkbox"/> | ABCE | ABC Electric Ltd. |

Fill Offer Control Clear Offer Control

| | Block 0 | | Offer Control | | Block 1 | | Offer Control | | Block 2 | | Offer Control | | Block 3 | |
|----|---------|-----|---------------|----|---------|-----|---------------|----|---------|-----|---------------|----|---------|----|
| | \$/Mwh | MW | \$/Mwh | MW | \$/Mwh | MW | \$/Mwh | MW | \$/Mwh | MW | \$/Mwh | MW | \$/Mwh | MW |
| 01 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 02 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 03 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 04 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 05 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 06 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 07 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 08 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 09 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 10 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 11 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 12 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 13 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 14 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 15 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 16 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 17 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 18 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 19 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 20 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 21 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 22 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 23 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |
| 24 | 0.0 | 100 | | | 55.82 | 200 | | | 999.99 | 387 | | | | |

Submit Clear All Reset

Note: All price and MW cells are greyed-out because the offer control party is being entered historically, which is after the dispatch date.

Note: Participants cannot edit historical offer control party information for the current day. Edits are only available after midnight.

- (f) Select offer control party by checking the checkbox from the Offer Control Parties linked to this Asset list.
- (g) Select [Fill Offer Control].

5. Enter Offer Control

Begin (hour ending): 01
End (hour ending): 24

Block: Block 3

Offer Control Parties linked to this Asset:

| Select | ID | Legal Name |
|--------------------------|------|-------------------|
| <input type="checkbox"/> | ABCE | ABC Electric Ltd. |

Fill Offer Control Clear Offer Control

| | Block 0 | | Offer Control | | Block 1 | | Offer Control | | Block 2 | | Offer Control | | Block 3 | |
|----|---------|-----|---------------|----|---------|-----|---------------|----|---------|-----|---------------|----|---------|----|
| | \$/Mwh | MW | \$/Mwh | MW | \$/Mwh | MW | \$/Mwh | MW | \$/Mwh | MW | \$/Mwh | MW | \$/Mwh | MW |
| 01 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 02 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 03 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 04 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 05 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 06 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 07 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 08 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 09 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 10 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 11 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 12 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 13 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 14 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 15 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 16 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 17 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 18 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 19 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 20 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 21 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 22 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 23 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |
| 24 | 0.0 | 100 | ABCE | | 55.82 | 200 | ABCE | | 999.99 | 387 | ABCE | | | |

Submit Clear All Reset

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- (h) Select the [Submit] button.
- (i) [Save], [Print], or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.

historical offer control
energy

*Asset Identifier: AB1
*Asset Name: AB1 Training Asset
*AssetType: Source
*Begin Date: Wed Apr 19 00:00:00 MDT 2023
*End Date: Thu Apr 20 00:00:00 MDT 2023
*Submitted On: Thu Apr 20 11:40:05 MDT 2023
*Dispatch Date: 04/19/2023

1,04/19/2023
2,AB1
3,1,ABCE,ABCE,ABCE,,,,,
3,2,ABCE,ABCE,ABCE,,,,,
3,3,ABCE,ABCE,ABCE,,,,,
3,4,ABCE,ABCE,ABCE,,,,,
3,5,ABCE,ABCE,ABCE,,,,,
3,6,ABCE,ABCE,ABCE,,,,,
3,7,ABCE,ABCE,ABCE,,,,,
3,8,ABCE,ABCE,ABCE,,,,,
3,9,ABCE,ABCE,ABCE,,,,,
3,10,ABCE,ABCE,ABCE,,,,,
3,11,ABCE,ABCE,ABCE,,,,,
3,12,ABCE,ABCE,ABCE,,,,,
3,13,ABCE,ABCE,ABCE,,,,,
3,14,ABCE,ABCE,ABCE,,,,,
3,15,ABCE,ABCE,ABCE,,,,,
3,16,ABCE,ABCE,ABCE,,,,,
3,17,ABCE,ABCE,ABCE,,,,,
3,18,ABCE,ABCE,ABCE,,,,,
3,19,ABCE,ABCE,ABCE,,,,,
3,20,ABCE,ABCE,ABCE,,,,,
3,21,ABCE,ABCE,ABCE,,,,,
3,22,ABCE,ABCE,ABCE,,,,,
3,23,ABCE,ABCE,ABCE,,,,,
3,24,ABCE,ABCE,ABCE,,,,,

[Save] [Print] [Close]

7 Outage Scheduling

Pool participants must enter all available capability values for the next 2 years and any upcoming Mothball Outages (MBO) into the [Outage Scheduling] tab in the Energy Trading System. These values include any changes to the available capability (AC) along with the associated reason.

Maintenance of available capability is done through the [Energy Submission] tab and the [Outage Scheduling] tab in the Energy Trading System. During the forecast scheduling period, the [Energy Submission] tab is used to modify available capability values. Outside of the forecast scheduling period, the [Outage Scheduling] tab is used to modify pool asset available capability values.

Maintenance of mothball outage values can only be done through the [Outage Scheduling] tab. Modifications to mothball values is not accessible through the [Energy Submission] tab in the Energy Trading System.

7.1 Create New Available Capability (AC) Outage Entry

- (a) Click on the [Outage Scheduling] tab.

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Submission Information | Energy Submission | Ancillary Service | DDS Submission | Constraints | Outage Scheduling | Offer Control Maintenance

Start

1. Select Type:

View Entry ▼

Next

- (b) From the [Select Type] list box, choose [AC Outage Entry] from the list.
- (c) From the [Result] screen, choose the pool asset.
- (d) Enter required information in the [Data Entry] tab.

Start | Result | **Data Entry**

Enter Availability Capability (AC) Outage Entry for ABC Electric Ltd., AB1 Training Asset(AB1) Source

3. Enter Event: Outage-Planned ▼

4. Enter Reason: Annual Maintenance (provide more details)

5. Begin Date: 04/01/2024 Begin Time (Hour Ending): 01 ▼

6. End Date: 04/30/2024 End Time (Hour Ending): 24 ▼

7. Available Capacity (MW): 0 Maximum Capacity(MW): 387.0

Submit Clear All

Note: For reference purposes, all existing Mothball Outages (MBO) will be displayed in the Existing Mothball Outages table. The maximum AC entered must be no greater than the maximum capability of the pool asset less any submitted MBO.

Start | Result | **Data Entry**

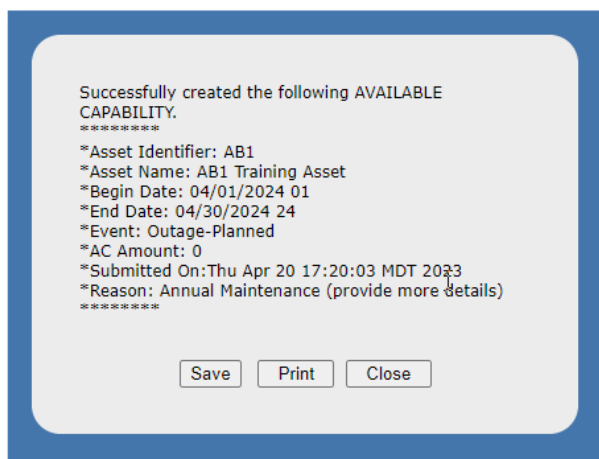
Enter Availability Capability (AC) Outage Entry for ABC Electric Ltd., AB1 Training Asset(AB1) Source

Existing Mothball Outages:

| Begin Date (HE) | End Date (HE) | MBO (MW) | Date Time Entered | Reason |
|-----------------|---------------|----------|------------------------|----------------------------------|
| 10/01/2023 01 | 10/31/2023 24 | 200 | 04/20/2023 17:30:09 PM | MBO 200MW (provide more detail) |
| 08/01/2024 01 | 12/01/2025 24 | 387 | 04/20/2023 17:25:48 PM | MBO 387MW (provide more details) |

3. Enter Event: ▼

- (e) Select the [Submit] button.



- (f) [Save], [Print], or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.

7.2 Create New Mothball Outage (MBO) Entry

- (a) Click on the [Outage Scheduling] tab.



- (b) From the [Select Type] list box, choose [Mothball Outage Entry] from the list.
- (c) From the [Result] screen, choose the pool asset.
- (d) Enter required information in the [Data Entry] tab. The value entered for Mothball Outage Amount is the total amount of MW that is subject to a mothball outage and not available for dispatch.
- Note:** Submission of a mothball outage will overwrite all current AC information for the mothball period, including existing outage information that was previously entered in ETS. Additional outage information may need to be re-entered after the mothball outage is submitted.
- Note:** When a mothball outage is submitted, the reason will be replaced with the reason entered by the Participant for the MBO outage, followed by [; AC is adjusted as a result of MBO declaration.]

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| Reason |
|---|
| MBO 200MW (provide more detail) ; AC is adjusted as a result of MBO declaration |

In this example, the entire asset is mothballed as the value entered is equal to the asset's maximum capability.

Start

Result

Data Entry

Enter Mothball Outage (MBO) Entry for ABC Electric Ltd., AB1 Training Asset(AB1) Source

Warning: Ensure your MBO submission meets the applicable requirements as defined in ISO rules

3. Begin Date: Begin Time (Hour Ending):

4. End Date: End Time (Hour Ending):

5. Mothball Outage Amount (MW)*: Maximum Capability(MW): 387.0

*Total amount of MW that is subject to mothball outage

6. Enter Reason:

Note: For reference purposes, all existing Mothball Outages (MBO) will be displayed in the Existing Mothball Outages table.

Start

Result

Data Entry

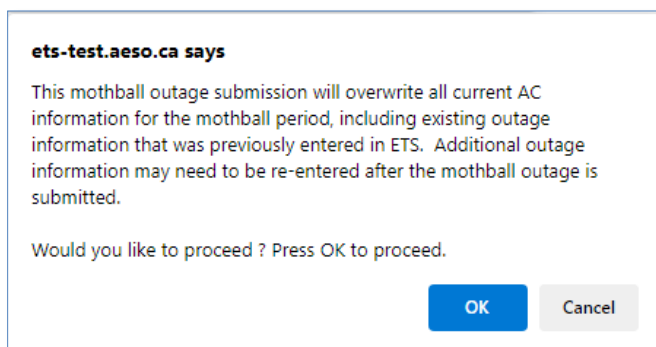
Enter Mothball Outage (MBO) Entry for ABC Electric Ltd., AB1 Training Asset(AB1) Source

Existing Mothball Outages:

| Begin Date (HE) | End Date (HE) | MBO (MW) | Date Time Entered | Reason |
|-----------------|---------------|----------|------------------------|----------------------------------|
| 08/01/2024 01 | 12/01/2025 24 | 387 | 04/20/2023 17:25:48 PM | MBO 387MW (provide more details) |

Warning: Ensure your MBO submission meets the applicable requirements as defined in ISO rules

- (e) Select the [Submit] button.
- (f) A warning will appear, stating [This mothball outage submission will overwrite all current AC information for the mothball period, including existing outage information that was previously entered in ETS. Additional outage information may need to be re-entered after the mothball outage is submitted.]



(g) Click on [OK] to proceed or [Cancel] to revert to the Mothball Outage (MBO) Entry screen.



(h) [Save], [Print], or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.

7.3 View Existing Available Capability and Mothball Outage (MBO) Entries

(a) Click on the [Outage Scheduling] tab.



(b) From the [Select Type] list box, choose [View Entry].

(c) From the [Result] screen, choose the desired pool asset.

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- (d) Enter requested date in the [Select Date] calendar and choose [Retrieve] button.

Note: A pool participant may only view one trading day at a time.

The following example does not include a mothball outage.

Start Result **Data Entry**

Existing AC and MBO for ABC Electric Ltd., AB1 Training Asset(AB1) Source

Select Date: 04/01/2024 Retrieve

| Date(HE) | MBO | AC | Event | Reason |
|---------------|-----|----|----------------|---|
| 04/01/2024 01 | | 0 | Outage-Planned | Annual Maintenance (provide more details) |
| 04/01/2024 02 | | 0 | Outage-Planned | Annual Maintenance (provide more details) |
| 04/01/2024 03 | | 0 | Outage-Planned | Annual Maintenance (provide more details) |
| 04/01/2024 04 | | 0 | Outage-Planned | Annual Maintenance (provide more details) |
| 04/01/2024 05 | | 0 | Outage-Planned | Annual Maintenance (provide more details) |
| 04/01/2024 06 | | 0 | Outage-Planned | Annual Maintenance (provide more details) |

The following example includes a mothball outage.

Start Result **Data Entry**

Existing AC and MBO for ABC Electric Ltd., AB1 Training Asset(AB1) Source

Select Date: 10/01/2023 Retrieve

| Date(HE) | MBO | AC | Event | Reason |
|---------------|-----|-----|----------------|---|
| 10/01/2023 01 | 200 | 187 | Derate-Planned | MBO 200MW (provide more detail) ; AC is adjusted as a result of MBO declaration |
| 10/01/2023 02 | 200 | 187 | Derate-Planned | MBO 200MW (provide more detail) ; AC is adjusted as a result of MBO declaration |
| 10/01/2023 03 | 200 | 187 | Derate-Planned | MBO 200MW (provide more detail) ; AC is adjusted as a result of MBO declaration |
| 10/01/2023 04 | 200 | 187 | Derate-Planned | MBO 200MW (provide more detail) ; AC is adjusted as a result of MBO declaration |
| 10/01/2023 05 | 200 | 187 | Derate-Planned | MBO 200MW (provide more detail) ; AC is adjusted as a result of MBO declaration |
| 10/01/2023 06 | 200 | 187 | Derate-Planned | MBO 200MW (provide more detail) ; AC is adjusted as a result of MBO declaration |
| 10/01/2023 07 | 200 | 187 | Derate-Planned | MBO 200MW (provide more detail) ; AC is adjusted as a result of MBO declaration |
| 10/01/2023 08 | 200 | 187 | Derate-Planned | MBO 200MW (provide more detail) ; AC is adjusted as a result of MBO declaration |

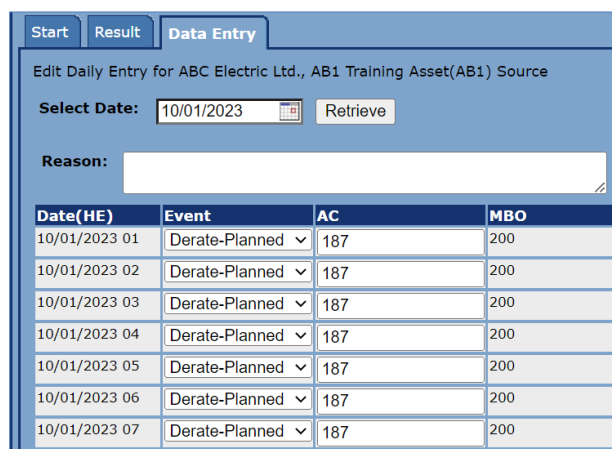
7.4 Edit Daily Entry for Available Capability Outage

- Click on the [Outage Scheduling] tab.
- From the [Select Type] list box, choose [Edit Daily AC Outage] from the list.
- From the [Result] screen, choose the desired pool asset from the list.
- Enter requested date in the [Select Date] calendar.

Note: Pool participants are unable to use [Edit Daily AC Outage] during the restatement period. Prior to 12:00 p.m. Mountain Time (MT), the restatement period only includes the current trading day. Past 12:00 p.m. Mountain Time, gate close, the restatement period includes the current trading day plus the next trading day.

Pool participants may only edit the hour endings of one trading day at a time in the [Data Entry] tab. Changes for a longer period of time can be completed by selecting [AC Outage Entry]. Pool participants will only have the ability to view their MBO entries and can not edit them from this screen.

(e) Update information.



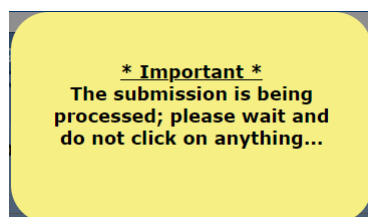
| Date(HE) | Event | AC | MBO |
|---------------|----------------|-----|-----|
| 10/01/2023 01 | Derate-Planned | 187 | 200 |
| 10/01/2023 02 | Derate-Planned | 187 | 200 |
| 10/01/2023 03 | Derate-Planned | 187 | 200 |
| 10/01/2023 04 | Derate-Planned | 187 | 200 |
| 10/01/2023 05 | Derate-Planned | 187 | 200 |
| 10/01/2023 06 | Derate-Planned | 187 | 200 |
| 10/01/2023 07 | Derate-Planned | 187 | 200 |

(f) [Save], [Print], or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.

7.5 Troubleshooting

My submission is very slow, how do I know if it has gone through successfully?

The AESO requires pool participants to provide a 24-month outage scheduling information, pursuant to Section 306.4 and Section 306.5. When using the Energy Trading System [Outage Scheduling] tab, a maximum of 2 years of information can be entered at a time. The below warning will appear to advise pool participants not to click on anything while the outage submission is being processed. To confirm that information was successfully submitted, an acknowledgement pop-up appears; additionally, the pool participant can view its entry by selecting [View Entry] for the appropriate date to ensure the data has been populated. If utilizing the file upload option to update the outage scheduling information, only 31 days of information at a time is accepted.



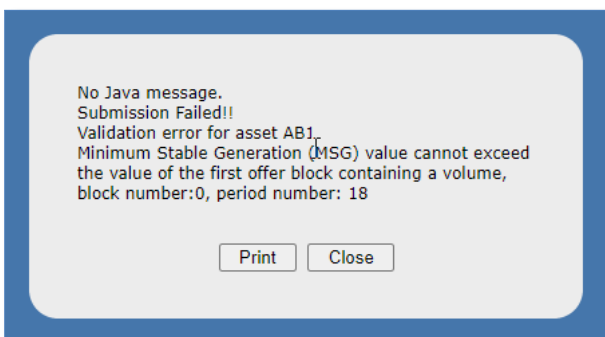
Do I have to save or print the acknowledgement pop-up?

No. However, the AESO strongly encourages pool participants retain a copy of the acknowledgment for its records and for verification.

Within the T-2 period, if the restated minimum stable generation is higher than the previously submitted minimum stable generation, the pool participant must ensure the minimum stable generation amount is contained in the first operating block. If an increase to the operating block size is needed, then such amount must be taken from the next highest priced operating blocks in ascending order.

| Flex Block - Check box to turn on | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--------|-------------------------------------|---------------|---------|-----|-------------------------------------|---------------|---------|----|-------------------------------------|---------------|---------|----|-------------------------------------|---------------|---------|----|-------------------------------------|---------------|---------|----|-------------------------------------|---------------|---------|----|-------------------------------------|---------------|-----------|-----|----|-----|-----|-------------------|
| Block 0 | | <input checked="" type="checkbox"/> | Offer Control | Block 1 | | <input checked="" type="checkbox"/> | Offer Control | Block 2 | | <input checked="" type="checkbox"/> | Offer Control | Block 3 | | <input checked="" type="checkbox"/> | Offer Control | Block 4 | | <input checked="" type="checkbox"/> | Offer Control | Block 5 | | <input checked="" type="checkbox"/> | Offer Control | Block 6 | | <input checked="" type="checkbox"/> | Offer Control | DDO Offer | | AC | MBO | MSG | Reason |
| | \$/MWh | MW | | \$/MWh | MW | | | \$/MWh | MW | | | \$/MWh | MW | | | \$/MWh | MW | | | \$/MWh | MW | | | \$/MWh | MW | | | | | | | | |
| 01 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 02 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 03 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 04 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 05 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 06 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 07 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 08 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 09 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 10 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 11 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 12 | 0.0 | 150 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 150 | | Detailed AOR |
| 13 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 14 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 15 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 16 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 17 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 18 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 19 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 20 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 21 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 22 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 23 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |
| 24 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | | Normal Operations |

If the pool participant attempts to submit a restatement that increases the minimum stable generation to a value that is higher than the MW amount in the first operating block, the following validation error will be displayed.



This Energy Trading System message can be addressed by either increasing the size of the lowest priced non-0 block or by restating the minimum stable generation with an acceptable operational reason.

8.3 Troubleshooting

If submission is not successful, check to ensure the following requirements are met:

- The minimum stable generation value must be greater than or equal to 0.
- The minimum stable generation value must be an integer.
- The minimum stable generation value cannot exceed the maximum capability of the pool asset.
- The minimum stable generation value plus offer for dispatch down service cannot exceed the available capability of the pool asset.

9.2 Definitions

To indicate that the line is a comment line, the descriptor "***" is to be added at the beginning of the line in Column A. Comments are only for the benefit of the pool participant.

Submission Amount and Price Row/Column Definitions:

| Row / Column | Definition |
|--------------|---|
| R1 CA | Submission type ("submission", "historical offer control", "ddssubmission", "ddsrestatement"). |
| R2 CA | Market type ("energy", "energyrestatement", "dds", "or", "outagescheduling"). Note: This row should be omitted for dispatch down service submissions and restatements. |
| CA | Starting at row 3, column A must contain the numbers 1 through 5. Each number indicates the type of data that must follow in the row. |
| R3 CB | Dates for which the submission data applies. Note: This row should be omitted for outage scheduling submissions. |
| R4 CB | Asset ID, for which the submission data applies. |

Energy Submissions and Restatements Definitions:

| Row / Column | Definition |
|--------------|---|
| R5 CB | Standing flag for all dates and pool assets stated in rows 1 and 2. An "N" declares that the submitted pool asset's volumes and prices are not a standing submission. A "Y" declares that the submitted pool asset's volumes and prices are a standing submission. |
| R6 CA | Flex flag for each operating block submitted (0 through 6). An "N" declares that the submitted pool asset's volumes are inflexible and the AESO cannot partially dispatch them. A "Y" declares that the submitted pool asset's volumes are flexible and the AESO can partially dispatch them. |
| CB | Starting at row 7, column B contains the submission period, using the hour ending, in which the information in the rest of the row applies. |
| R7 CC | Block Price 0 is the desired price of electric energy when the pool asset is issued a dispatch to the operating block 0 MW level. |
| R7 CD | Block MW 0 is the first level to which a pool asset can be issued a dispatch. |
| R7 CE | Block 0 offer control parties. |
| R7 CF | Block Price 1 is the desired price of electric energy when the pool asset is issued a dispatch to the defined Operating Block 1 MW level. |
| R7 CG | Block MW 1 is the next level to which the pool asset can be issued a dispatch. |
| R7 CH | Block 1 offer control parties. |

| | |
|--------------|--|
| R7 CI | Block Price 2 is the desired price of electric energy when the pool asset is issued a dispatch to the defined Operating Block 2 MW level. |
| R7 CJ | Block MW 2 is the next level to which the pool asset can be dispatched. |
| R7 CK | Block 2 offer control parties. |
| R7 CL | Block Price 3 is the desired price of electric energy when the pool asset is dispatched to the defined Operating Block 3 MW level. |
| R7 CM | Block MW 3 is the next level to which the pool asset can be dispatched. |
| R7 CN | Block 3 offer control parties. |
| R7 CO | Block Price 4 is the desired price of electric energy when the pool asset is dispatched to the defined Operating Block 4 MW level. |
| R7 CP | Block MW 4 is the next level to which the pool asset can be dispatched. |
| R7 CQ | Block 4 offer control parties. |
| R7 CR | Block Price 5 is the desired price of electric energy when the pool asset is dispatched to the defined Operating Block 5 MW level. |
| R7 CS | Block MW 5 is the next level to which the pool asset can be issued a dispatch. |
| R7 CT | Block 5 offer control parties. |
| R7 CU | Block Price 6 is the desired price of electric energy when the pool asset is issued a dispatch to the defined Operating Block 6 MW level. |
| R7 CV | Block MW 6 is the next level to which the pool asset can be issued a dispatch. |
| R7 CW | Block 6 offer control parties. |
| R7 CX | Available capability for the hour. |
| R7 CY | Minimum stable generation for the hour. |
| R7 CZ | The reason, if necessary, for the difference between available capability and maximum capability, and/or the reason for a change to the minimum stable generation and/or if there is a change to available capability and offer control party. |

Dispatch Down Service Submissions and Restatements Definitions:

| Row / Column | Definitions |
|--------------|--|
| CB | Starting at row 4, column B contains the submission period, using the hour ending, in which the information in the rest of the row applies. |
| R4 CC | Block Price 0 is the desired price of electric energy when the pool asset is issued a dispatch down service dispatch to the submitted Block 0 amount MW level. |
| R4 CD | Block MW 0 is the level to which a pool asset can be issued a dispatch down service dispatch. |

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Energy Trading System Pool Participant Manual:

Submissions

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| | |
|--------------|--|
| R4 CE | Block 0 offer control parties. |
| R4 CF | The dispatch down service submission reason. |

Energy or Dispatch Down Service Historical Offer Control Definitions:

| Row / Column | Definitions |
|--------------|---|
| CB | Starting at row 5, column B contains the submission period, using the hour ending, in which the information in the rest of the row applies. |
| R5 CC | Block 0 offer control parties. |
| R5 CD | Block 1 offer control parties. |
| R5 CE | Block 2 offer control parties. |
| R5 CF | Block 3 offer control parties. |
| R5 CG | Block 4 offer control parties. |
| R5 CH | Block 5 offer control parties. |
| R5 CI | Block 6 offer control parties. |

Outage Scheduling Definitions:

| Row / Column | Definitions |
|--------------|--|
| R4 CB | Outage begin date. |
| R4 CC | Outage begin time (hour ending). |
| R4 CD | Outage end date. |
| R4 CE | Outage end time (hour ending). |
| R4 CF | Event, such as Retirement, Normal Op, Derate-Forced, Outage-Planned, Outage-Forced, or Derate-Planned. |
| R4 CG | Availability capability. |
| R4 CH | The reason, if necessary, for the difference between available capability and maximum capability. |

10 Submissions through a File Upload

10.1 Create a New File Upload

- Create a new file upload by creating a .csv or .txt format file using the information described in this appendix above. The AESO has developed templates to assist pool participants if they wish to utilize them. The templates can be found on the [AESO website](#) using the path: Market > Market Participation > System Tools > Energy Trading System (ETS) > File upload examples and templates.

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | submission | | | | | | | | | | | | | | | | | | |
| 2 | energy | | | | | | | | | | | | | | | | | | |
| 3 | ***** | | | | | | | | | | | | | | | | | | |
| 4 | *Asset Identifier: S005 | | | | | | | | | | | | | | | | | | |
| 5 | *Asset Name: Source 5 | | | | | | | | | | | | | | | | | | |
| 6 | *AssetType: Source | | | | | | | | | | | | | | | | | | |
| 7 | *Begin Date: Tue Sep 25 00:00:00 MDT 2012 | | | | | | | | | | | | | | | | | | |
| 8 | *End Date: Wed Sep 26 00:00:00 MDT 2012 | | | | | | | | | | | | | | | | | | |
| 9 | *Submitted on: Mon Sep 24 12:18:17 MDT 2012 | | | | | | | | | | | | | | | | | | |
| 10 | *Dispatch Date: 09/25/2012 | | | | | | | | | | | | | | | | | | |
| 11 | * | | | | | | | | | | | | | | | | | | |
| 12 | *Line Types: | | | | | | | | | | | | | | | | | | |
| 13 | ** Comment; these lines are not processed | | | | | | | | | | | | | | | | | | |
| 14 | *1 Dispatch Date (MM/DD/YYYY) | | | | | | | | | | | | | | | | | | |
| 15 | *2 Asset Short Name | | | | | | | | | | | | | | | | | | |
| 16 | *3 Standing Submission (Y/N) | | | | | | | | | | | | | | | | | | |
| 17 | *4 Flex block for 7 blocks (Y/N) | | | | | | | | | | | | | | | | | | |
| 18 | *5 <period n><block 0 p><block 0 n><block 0 o><block 1 p><block 1 n><block 1 o><block 2 p><block 2 n><block 2 o><block 3 p><block 3 n><block 3 o><block 4 p><block 4 n><block 4 o><block 5 p><block 5 n><block 5 o> | | | | | | | | | | | | | | | | | | |
| 19 | * | | | | | | | | | | | | | | | | | | |
| 20 | *Notes: | | | | | | | | | | | | | | | | | | |
| 21 | * - Only the periods and blocks in this file will be restated; all other periods will remain as they were | | | | | | | | | | | | | | | | | | |
| 22 | * - For a l 2 3 ...24 25 | | | | | | | | | | | | | | | | | | |
| 23 | * - For a short day in the spring skip period 2 | | | | | | | | | | | | | | | | | | |
| 24 | * - The submission must contain all 24 periods | | | | | | | | | | | | | | | | | | |
| 25 | * - Use the shortname for offer control parties | | | | | | | | | | | | | | | | | | |
| 26 | * - Multiple offer control parties for a single block should be separated by a semi-colon ';'. | | | | | | | | | | | | | | | | | | |
| 27 | * - Offer control parties may be blank | | | | | | | | | | | | | | | | | | |
| 28 | * - Include multiple submissions in one file by repeating lines 1 through 5 | | | | | | | | | | | | | | | | | | |
| 29 | * | | | | | | | | | | | | | | | | | | |
| 30 | ***** | | | | | | | | | | | | | | | | | | |
| 31 | 1 09/25/2012 | | | | | | | | | | | | | | | | | | |
| 32 | 2 S005 | | | | | | | | | | | | | | | | | | |
| 33 | 3 N | | | | | | | | | | | | | | | | | | |
| 34 | 4 Y Y Y Y Y Y Y | | | | | | | | | | | | | | | | | | |
| 35 | 5 1 0 50 OCP1;OCF 10.86 75 OCP1;OCF 52.69 100 OCP1;OCF 89.98 150 OCP1;OCF 158.97 200 OCP1;OCF 589.97 250 OCP1;OCF | | | | | | | | | | | | | | | | | | |
| 36 | 5 2 0 50 OCP1;OCF 10.86 75 OCP1;OCF 52.69 100 OCP1;OCF 89.98 150 OCP1;OCF 158.97 200 OCP1;OCF 589.97 250 OCP1;OCF | | | | | | | | | | | | | | | | | | |
| 37 | 5 3 0 50 OCP1;OCF 10.86 75 OCP1;OCF 52.69 100 OCP1;OCF 89.98 150 OCP1;OCF 158.97 200 OCP1;OCF 589.97 250 OCP1;OCF | | | | | | | | | | | | | | | | | | |
| 38 | 5 4 0 50 OCP1;OCF 10.86 75 OCP1;OCF 52.69 100 OCP1;OCF 89.98 150 OCP1;OCF 158.97 200 OCP1;OCF 589.97 250 OCP1;OCF | | | | | | | | | | | | | | | | | | |
| 39 | 5 5 0 50 OCP1;OCF 10.86 75 OCP1;OCF 52.69 100 OCP1;OCF 89.98 150 OCP1;OCF 158.97 200 OCP1;OCF 589.97 250 OCP1;OCF | | | | | | | | | | | | | | | | | | |
| 40 | 5 6 0 50 OCP1;OCF 10.86 75 OCP1;OCF 52.69 100 OCP1;OCF 89.98 150 OCP1;OCF 158.97 200 OCP1;OCF 589.97 250 OCP1;OCF | | | | | | | | | | | | | | | | | | |

Note: The submissions file upload document should be created in an application external to the Energy Trading System, such as Microsoft Excel.

- (b) From the [File] menu, choose [Save As] to save a new file upload.

The Energy Trading System does not require a specific filename. However, the Energy Trading System only accepts files in the .csv and .txt format, which contain comma separated values.

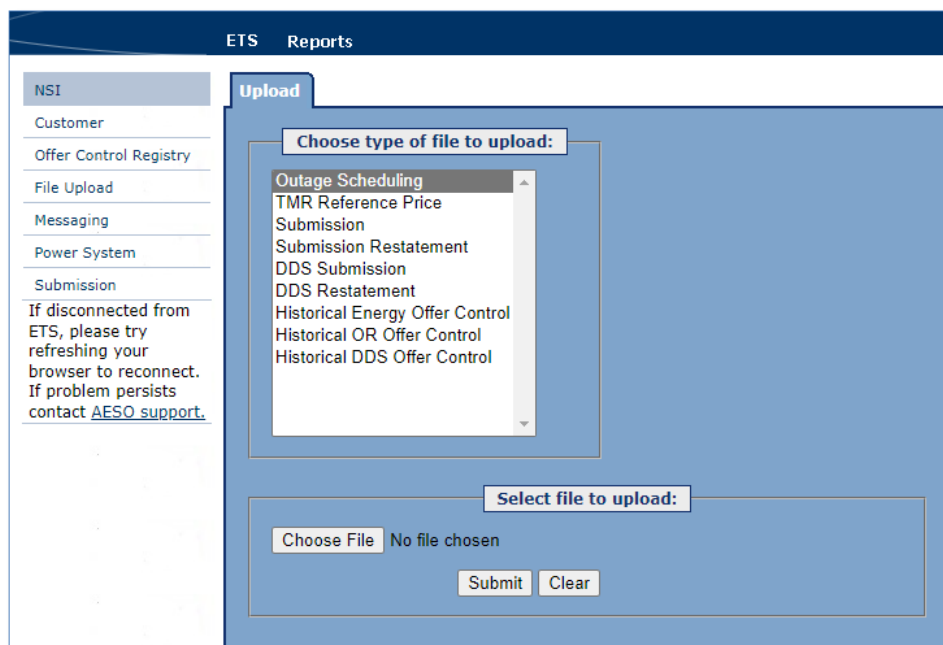
10.2 Create a New File Upload from an Existing File Upload

- (a) Open an existing file upload document in an application external to the Energy Trading System.
- (b) Change the date to that of the next submission.
- (c) From the [File] menu, choose [Save As].

10.3 Submit the File Upload

- (a) Under the Energy Trading System menu, select [File Upload].
- (b) Under [Choose type of file to upload] choose the appropriate option.

Note: In this example [Submission] has been selected.



- (c) Under [Select file to upload], click on the [Browse] button. Locate the appropriate file, then click [Open].
- (d) The file name appears in the [Select the file to upload] box.
- (e) Click on the [Submit] button.
- (f) [Save], [Print], or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.

10.4 Troubleshooting

The file upload was not successful. How come?

Ensure the proper formatting has been used. For example, do the "*" and blank lines match the example, as the slightest change can alter the success of the file.

I have attempted to submit my file upload and an error message displays. What do I do?

If all or part of the submission data is invalid, the submission is rejected. Correct the relevant data indicated by the error message and resubmit the corrected file.

The acknowledgement does not provide details about the submission. How do I know it was accepted?

In the training environment, an acknowledgement without the submission details included is a failed submission.

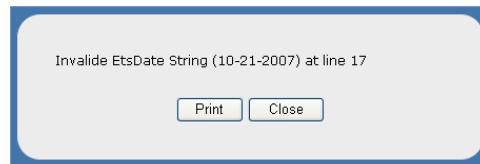
My file wasn't accepted. How come?

Ensure the file is saved in .csv or .txt format, not in the default Microsoft Excel .xls format.

I receive an error indicating that there is an error with the date. How do I fix this?

Dates need to be represented in the format DD/MM/YYYY. Excel often converts dates to be DD-MM-YYYY. To remedy this, add an apostrophe at the end of the date, as shown here: DD/MM/YYYY'.

If the file upload continues to produce an error rather than adding an apostrophe:



- (a) Right click on the cell with the date.
- (b) Select [Format].
- (c) Select [Custom].
- (d) Adjust the format to DD/MM/YYYY.
- (e) Select [OK].
- (f) Directly save and close the document then upload it into the Energy Trading System.

Note: When the .csv file is opened again it is likely to convert the date back to DD-MM-YYYY and the file will need to be reformatted again before closing.

11 Dispatch Down Service Submissions

11.1 Create a New Dispatch Down Service Submission

- (a) Under the Energy Trading System menu, select [Submission].
- (b) Click on the [DDS Submission] tab.



- (c) From the [Select Submission Type] list box, choose [New DDS Submission] from the list.
- (d) From the [Select Submission Action] list box, choose [Create New from Scratch] from the list.
- (e) From the [Select Dispatch Date] list box, choose a date. Click the [Next] button.
- (f) From the [Select Asset] list, select the desired pool asset.

Note: From this list, the pool participant also has the option of modifying an existing dispatch down service submission or creating a new submission from an existing one. This is done in a similar manner to the energy submissions.

Note: The dispatch date defaults to the next effective submission date.

6. Enter Pricing

Block 0

Begin (hour ending): 15

End (hour ending): 24

Price(\$):

Amount(MW):

Reason:

Offer Control Parties linked to this Asset:

| Select | ID | Legal Name |
|--------------------------|------|-------------------|
| <input type="checkbox"/> | ABCD | ABC Power Ltd. |
| <input type="checkbox"/> | ABCE | ABC Electric Inc. |

| | Max DDS* | Block 0 | | | |
|----|-------------|---------|--------|----|------------------|
| | | MW | \$/MWh | MW | Offer Control |
| 01 | 35 | 0.0 | 0 | | |
| 02 | 35 | 0.0 | 0 | | |
| 03 | 35 | 0.0 | 0 | | |
| 04 | 35 | 0.0 | 0 | | |
| 05 | 35 | 0.0 | 0 | | |
| 06 | 35 | 0.0 | 0 | | |
| 07 | 35 | 0.0 | 0 | | |
| 08 | 35 | 0.0 | 0 | | |
| 09 | 35 | 0.0 | 0 | | |
| 10 | 35 | 0.0 | 0 | | |
| 11 | 35 | 0.0 | 0 | | |
| 12 | 35 | 0.0 | 0 | | |
| 13 | 35 | 0.0 | 0 | | |
| 14 | 35 | 0.0 | 0 | | |
| 15 | 35 | 0.0 | 0 | | |

Note: The [Data Entry] tab screen displays the submission filler on the left and the dispatch down service submission entry grid is enabled when all fields are empty.

The column noted as “Max DDS” is greyed out and refers to available capability minus minimum stable generation = maximum dispatch down service.

The quantity of each offer for dispatch down service must not exceed the available capability less the minimum stable generation level of the source asset.

Note: At this time, offers for dispatch down service are only 1 operating block in size. A dispatch down service operation block is a flexible block. There is no ‘Standing Submission’ option for dispatch down service.

11.2 Enter the Dispatch Down Service Submission Data

(a) Use the [Filler] tab on the left side. From [Begin and End Time (hour ending)] list boxes, choose the desired begin and end time for Block 0. In this example HE17-24.

(b) In the [Price (\$)] field, enter a price that is indexed to the pool price.

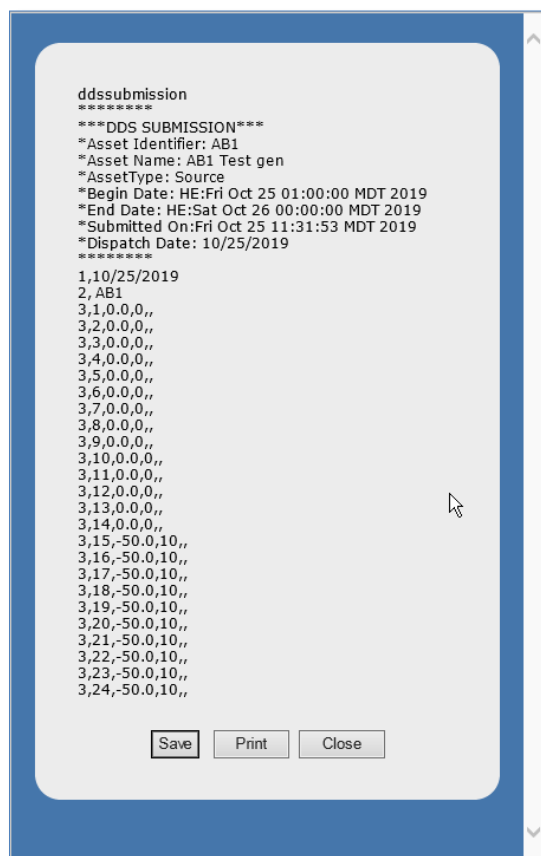
Note: Dispatch down service offer price is entered as a negative value.

(c) In the [Amount (MW)] field, enter a MW amount.

(d) Click on the [Fill Price and MW and/or Offer Control] button.

| | | | |
|----|----|--------|----|
| 17 | 35 | -50.00 | 10 |
| 18 | 35 | -50.00 | 10 |
| 19 | 35 | -50.00 | 10 |
| 20 | 35 | -50.00 | 10 |
| 21 | 35 | -50.00 | 10 |
| 22 | 35 | -50.00 | 10 |
| 23 | 35 | -50.00 | 10 |
| 24 | 35 | -50.00 | 10 |

(e) Select [Submit].



ddssubmission

DDS SUBMISSION
*Asset Identifier: AB1
*Asset Name: AB1 Test gen
*AssetType: Source
*Begin Date: HE:Fri Oct 25 01:00:00 MDT 2019
*End Date: HE:Sat Oct 26 00:00:00 MDT 2019
*Submitted On:Fri Oct 25 11:31:53 MDT 2019
*Dispatch Date: 10/25/2019

1,10/25/2019
2, AB1
3,1,0.0,0,,
3,2,0.0,0,,
3,3,0.0,0,,
3,4,0.0,0,,
3,5,0.0,0,,
3,6,0.0,0,,
3,7,0.0,0,,
3,8,0.0,0,,
3,9,0.0,0,,
3,10,0.0,0,,
3,11,0.0,0,,
3,12,0.0,0,,
3,13,0.0,0,,
3,14,0.0,0,,
3,15,-50.0,10,,
3,16,-50.0,10,,
3,17,-50.0,10,,
3,18,-50.0,10,,
3,19,-50.0,10,,
3,20,-50.0,10,,
3,21,-50.0,10,,
3,22,-50.0,10,,
3,23,-50.0,10,,
3,24,-50.0,10,,
[Save] [Print] [Close]

- (f) [Save], [Print], or [Close] the acknowledgement. The AESO recommends pool participants retain a copy of the acknowledgement for their records.

11.3 Create a New Dispatch Down Historical Offer Control Submission

- (a) Under the Energy Trading System menu, select [Submission].
(b) Click on the [DDS Submission] tab.



Submission Information | Energy Submission | Ancillary Service | **DDS Submission** | Constraints | Outage Scheduling | Offer Control Maintenance

Start

1. Select Submission Type:
Historical Offer Control ▼

2. Select Submission Action:
Edit Offer Control ▼

3. Select Dispatch Date:
09/26/2019 ▼

[Next]

- (c) From the [Select Submission Type] list box, choose [Historical Offer Control] from the list.

- (d) From the [Select Submission Action] list box, choose [Edit Offer Control] from the list.
- (e) From the [Select Dispatch Date] list box, choose applicable historical date. Click the [Next] button.
- (f) From the [Select Asset] list box, select the desired pool asset.

6. Enter Offer Control

Block 0
Begin (hour ending): 01
End (hour ending): 24

| | Max | Block 0 | | | | Block 1 | |
|----|------|---------|----|---------------|---------|---------|--|
| | DDS* | Block 0 | | Offer Control | Block 1 | | |
| | MW | \$/MWh | MW | Offer Control | \$/MWh | MW | |
| 01 | 26 | -3.0 | 13 | | | | |
| 02 | 26 | -3.0 | 13 | | | | |
| 03 | 26 | -3.0 | 13 | | | | |
| 04 | 26 | -3.0 | 13 | | | | |
| 05 | 26 | -3.0 | 13 | | | | |
| 06 | 26 | -3.0 | 13 | | | | |
| 07 | 26 | -3.0 | 13 | | | | |
| 08 | 26 | -3.0 | 13 | | | | |
| 09 | 26 | -3.0 | 13 | | | | |
| 10 | 26 | -3.0 | 13 | | | | |
| 11 | 26 | -3.0 | 13 | | | | |
| 12 | 26 | -3.0 | 13 | | | | |
| 13 | 26 | -3.0 | 13 | | | | |

Offer Control Parties linked to this Asset:

| Select | ID | Legal Name |
|--------------------------|------|-------------------|
| <input type="checkbox"/> | ABCD | ABC Power Ltd. |
| <input type="checkbox"/> | ABCE | ABC Electric Inc. |

Fill Offer Control
Clear Offer Control

- (g) Under [Offer Control Parties linked to this Asset] select the appropriate parties.

Note: In this example ABCD is being selected for HE01-24.

6. Enter Offer Control

Block 0
Begin (hour ending): 01
End (hour ending): 24

| | Max | Block 0 | | | | Block 1 | | Block 2 | |
|----|------|---------|----|---------------|---------|---------|---------------|---------|----|
| | DDS* | Block 0 | | Offer Control | Block 1 | | Offer Control | Block 2 | |
| | MW | \$/MWh | MW | Offer Control | \$/MWh | MW | Offer Control | \$/MWh | MW |
| 01 | 26 | -3.0 | 13 | | | | | | |
| 02 | 26 | -3.0 | 13 | | | | | | |
| 03 | 26 | -3.0 | 13 | | | | | | |
| 04 | 26 | -3.0 | 13 | | | | | | |
| 05 | 26 | -3.0 | 13 | | | | | | |
| 06 | 26 | -3.0 | 13 | | | | | | |
| 07 | 26 | -3.0 | 13 | | | | | | |
| 08 | 26 | -3.0 | 13 | | | | | | |
| 09 | 26 | -3.0 | 13 | | | | | | |
| 10 | 26 | -3.0 | 13 | | | | | | |
| 11 | 26 | -3.0 | 13 | | | | | | |
| 12 | 26 | -3.0 | 13 | | | | | | |
| 13 | 26 | -3.0 | 13 | | | | | | |
| 14 | 26 | -3.0 | 13 | | | | | | |
| 15 | 26 | -3.0 | 13 | | | | | | |
| 16 | 26 | -3.0 | 13 | | | | | | |
| 17 | 26 | -3.0 | 13 | | | | | | |
| 18 | 26 | -3.0 | 13 | | | | | | |
| 19 | 26 | -3.0 | 13 | | | | | | |
| 20 | 26 | -3.0 | 13 | | | | | | |
| 21 | 26 | -3.0 | 13 | | | | | | |
| 22 | 26 | -3.0 | 13 | | | | | | |
| 23 | 26 | -3.0 | 13 | | | | | | |
| 24 | 26 | -3.0 | 13 | | | | | | |

Offer Control Parties linked to this Asset:

| Select | ID | Legal Name |
|-------------------------------------|------|-------------------|
| <input checked="" type="checkbox"/> | ABCD | ABC Power Ltd. |
| <input type="checkbox"/> | ABCE | ABC Electric Inc. |

Fill Offer Control
Clear Offer Control

Submit
Clear All
Reset

- (h) Click on the [Fill Offer Control] button.

Information Document

Energy Trading System Pool Participant Manual: Submissions

ID #2013-001R



6. Enter Offer Control

Block 0
Begin (hour ending): 01
End (hour ending): 24

Offer Control Parties linked to this Asset:

| Select | ID | Legal Name |
|-------------------------------------|------|-------------------|
| <input checked="" type="checkbox"/> | ABCD | ABC Power Ltd. |
| <input type="checkbox"/> | ABCE | ABC Electric Inc. |

Fill Offer Control
Clear Offer Control

| | Max DDS* | Block 0 | | Block 1 | | Block 2 | |
|----|-------------|---------|--------|---------|--------|---------|--------|
| | | MW | \$/MWh | MW | \$/MWh | MW | \$/MWh |
| 01 | 26 | -3.0 | 13 | ABCD | | | |
| 02 | 26 | -3.0 | 13 | ABCD | | | |
| 03 | 26 | -3.0 | 13 | ABCD | | | |
| 04 | 26 | -3.0 | 13 | ABCD | | | |
| 05 | 26 | -3.0 | 13 | ABCD | | | |
| 06 | 26 | -3.0 | 13 | ABCD | | | |
| 07 | 26 | -3.0 | 13 | ABCD | | | |
| 08 | 26 | -3.0 | 13 | ABCD | | | |
| 09 | 26 | -3.0 | 13 | ABCD | | | |
| 10 | 26 | -3.0 | 13 | ABCD | | | |
| 11 | 26 | -3.0 | 13 | ABCD | | | |
| 12 | 26 | -3.0 | 13 | ABCD | | | |
| 13 | 26 | -3.0 | 13 | ABCD | | | |
| 14 | 26 | -3.0 | 13 | ABCD | | | |
| 15 | 26 | -3.0 | 13 | ABCD | | | |
| 16 | 26 | -3.0 | 13 | ABCD | | | |
| 17 | 26 | -3.0 | 13 | ABCD | | | |
| 18 | 26 | -3.0 | 13 | ABCD | | | |
| 19 | 26 | -3.0 | 13 | ABCD | | | |
| 20 | 26 | -3.0 | 13 | ABCD | | | |
| 21 | 26 | -3.0 | 13 | ABCD | | | |
| 22 | 26 | -3.0 | 13 | ABCD | | | |
| 23 | 26 | -3.0 | 13 | ABCD | | | |
| 24 | 26 | -3.0 | 13 | ABCD | | | |

Submit
Clear All
Reset

- Select the [Submit] button.
- [Save], [Print], or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.

11.4 Troubleshooting

Why has the MW amount of my offer been flagged as invalid?

The MW amount value of the offer for dispatch down service cannot be greater than the available capability less minimum stable generation of the pool asset.

Why am I getting the message that offers are being reset for HE1 and HE2 to \$0.00 and 0MW?

This error occurs when a pool participant attempts to create a new dispatch down service submission for the following day from an existing offer after 22:00.

If the message is ignored, this action results in the resetting of the offers for dispatch down service for HE1 and potentially HE2 to \$0.00 and 0 MW.

To prevent this from occurring, exit and perform a dispatch down service restatement instead.

12 Dispatch Down Service Restatements

12.1 Enter Dispatch Down Service Restatement

- Click on the [DDS Submission] tab.

Submission Information
Energy Submission
Ancillary Service
DDS Submission
Constraints
Outage Scheduling
Offer Control Maintenance

Start

1. Select Submission Type:
DDS Restatement

2. Select Submission Action:
DDS Restatement

3. Select Dispatch Date:
10/25/2019

Next

- (b) From the [Select Submission Type] list box, choose DDS Restatement from the list.
- (c) From the [Select Submission Action] list box, choose DDS Restatement from the list.
- (d) From the [Select Dispatch Date] list box, choose a date. Click the [Next] button.

Note: In this example the date is October 25, 2019.

Note: Valid restatement dates are those within the current restatement period.

- (e) Under [Select Asset], click on the applicable pool asset.

Note: The restatement screen appears. In the example below, the time is 1:00 p.m. and the restatement is occurring within the T-2 period. Changes within the T-2 period can only be made manually through the grid and not the filler.

6. Enter Pricing
Block 0

Begin (hour ending): 17
End (hour ending): 24
Price(\$):
Amount(MW):
Reason:

Offer Control Parties linked to this Asset:

| Select | ID | Legal Name |
|--------------------------|------|-------------------|
| <input type="checkbox"/> | ABCD | ABC Power Ltd. |
| <input type="checkbox"/> | ABCE | ABC Electric Inc. |

Fill Price & MW and/or Offer Control
Clear Offer Control

| | Max DDS* | Block 0 | | Block 1 | | Block 2 | | Block 3 | |
|----|----------|---------|--------|---------|---------------|---------|----|---------------|--------|
| | | MW | \$/MWh | MW | Offer Control | \$/MWh | MW | Offer Control | \$/MWh |
| 01 | 35 | -50.0 | 10 | | | | | | |
| 02 | 35 | -50.0 | 10 | | | | | | |
| 03 | 35 | -50.0 | 10 | | | | | | |
| 04 | 35 | -50.0 | 10 | | | | | | |
| 05 | 35 | -50.0 | 10 | | | | | | |
| 06 | 35 | -50.0 | 10 | | | | | | |
| 07 | 35 | -50.0 | 10 | | | | | | |
| 08 | 35 | -50.0 | 10 | | | | | | |
| 09 | 35 | -50.0 | 10 | | | | | | |
| 10 | 35 | -50.0 | 10 | | | | | | |
| 11 | 35 | -50.0 | 10 | | | | | | |
| 12 | 35 | -50.0 | 10 | | | | | | |
| 13 | 35 | -50.0 | 10 | | | | | | |
| 14 | 35 | -50.0 | 10 | | | | | | |
| 15 | 35 | -50.0 | 10 | | | | | | |
| 16 | 35 | -50.0 | 10 | | | | | | |
| 17 | 35 | -50.0 | 10 | | | | | | |
| 18 | 35 | -50.0 | 10 | | | | | | |
| 19 | 35 | -50.0 | 10 | | | | | | |
| 20 | 35 | -50.0 | 10 | | | | | | |
| 21 | 35 | -50.0 | 10 | | | | | | |
| 22 | 35 | -50.0 | 10 | | | | | | |
| 23 | 35 | -50.0 | 10 | | | | | | |
| 24 | 35 | -50.0 | 10 | | | | | | |

* Max DDS equals AC minus MSG

Maximum Capability(MW) 95

Submit
Clear All
Reset

- (f) Within T-2 only the MW amount can be restated. In this example HE14, 10 MW is being restated to 0 MW.

| | Max DDS* | Flexible Blocks | | | | | | | | | | | | | | | | | | | | | Reason |
|----|-------------|-----------------|--------|------------------|---------|----|------------------|---------|----|------------------|---------|----|------------------|---------|----|------------------|---------|----|------------------|---------|----|------------------|--------|
| | | Block 0 | | | Block 1 | | | Block 2 | | | Block 3 | | | Block 4 | | | Block 5 | | | Block 6 | | | |
| | | MW | \$/MWh | Offer Control | \$/MWh | MW | Offer Control | \$/MWh | MW | Offer Control | \$/MWh | MW | Offer Control | \$/MWh | MW | Offer Control | \$/MWh | MW | Offer Control | \$/MWh | MW | Offer Control | |
| 01 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 02 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 03 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 04 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 05 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 06 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 07 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 08 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 09 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 10 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 11 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 12 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 13 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 14 | 35 | -50.0 | 0 | | | | | | | | | | | | | | | | | | | Detailed AOR | |
| 15 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 16 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 17 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 18 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 19 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 20 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 21 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 22 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 23 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |
| 24 | 35 | -50.0 | 10 | | | | | | | | | | | | | | | | | | | | |

- (g) Manually enter the reason for the change in the reason field to the right of the hour ending being restated. If you are restating multiple hour endings, the accompanying reason field must be populated with the acceptable operational reason.
- (h) Click the [Submit] button.
- (i) [Save], [Print], or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.

12.2 Troubleshooting

Why can't I choose the desired hour ending from the Fill box?

Within the T-2 period, the restatement has to be made by manually entering the data into each appropriate cell.

Can I view my current offers for DDS?

A pool participant can view the dispatch down service submission in a similar manner to how it views the energy submissions. Under the [DDS Submission] tab, choose [View DDS Submission], under the [Select Submission Type] list box). In addition, dispatch down service can be viewed from the energy submission grid.

Note: Dispatch down service cannot be modified from the [Energy Submission] tab. It is only displayed for the user's reference.

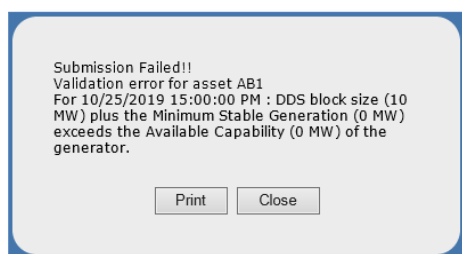
13 Energy Restatement Requiring a Dispatch Down Service Restatement

The following explains the relationship between offers for energy and offers for dispatch down service. The example illustrates when a restatement of an offer for energy may require a dispatch down service restatement.

- (h) Select the [Submit] button.
- (i) A warning will appear, stating [Warning: Confirm that this submission meets the applicable requirements as defined in the ISO Rules. Press Yes to proceed with the submission.]

Note: Pursuant to Section 203.3, enter an acceptable operational reason when restating the available capability of the asset, as in the above example. If the submission meets the applicable requirements as defined in the ISO rules, select [Yes] to continue with the submission. Select [No] to return to the energy grid to edit or complete the acceptable operational reason requirement.

- (j) [Save], [Print], or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.



Note: This restatement failed because the dispatch down service plus minimum stable generation cannot exceed the pool asset's available capability.

If an energy restatement invalidates the offer for dispatch down service, the energy restatement can only be submitted if the dispatch down offer is restated first.

13.2 Troubleshooting

The Energy Trading System does not process my energy restatement. It says I must adjust my offer for dispatch down service. Why?

If an energy restatement invalidates the offer for dispatch down service, the energy restatement can only be submitted after the offer for dispatch down service has been restated. Invalid offers for dispatch down service occur when offers for dispatch down service exceed the available capability minus minimum stable generation. To restate an offer for dispatch down service, refer to section 13 of this appendix below, then resubmit the energy restatement.

14 Entering and Maintaining Pool Asset Constraints

If an offer has been submitted, operating constraints are to be submitted with respect to each source asset.

14.1 Definitions

| Pool Asset Constraint | Definition |
|-----------------------|---|
| Ramp Rate | Rate at which a pool asset is able to change its level of production, in energy output, in MW per minute, in response to a dispatch or directive. |

| Pool Asset Constraint | Definition |
|-----------------------|--|
| Minimum Off Time | Minimum amount of time, in hours, required by a source asset once it has been fully dispatched off before it can comply with another energy market dispatch ³ . |
| Minimum On Time | Minimum amount of time, in hours, required by a source asset to be on-line before it can be dispatched off ⁴ . |
| Initial Start-up Time | Time, in hours, required for a source asset to synchronize to the interconnected electric system from an offline state. |
| Maximum Run-up Time | Time, in minutes, required for the source asset to reach minimum stable generation from the point it is synchronized to the interconnected electric system. |

14.2 Navigate to the Constraints

- (a) From the [Submission] page, click on the [Constraints] tab.



- (b) Under [Choose Asset Type], click on the [Sink] or [Source] radio button. Click the [Next] button.

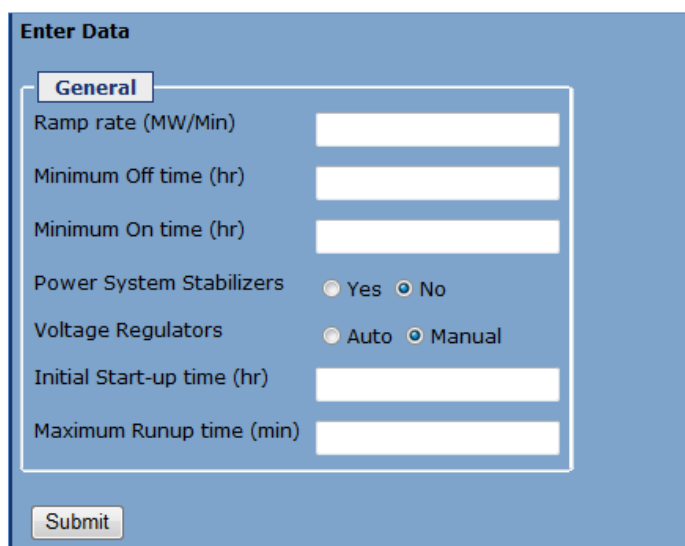
Note: In this example [Source] is being selected.

- (c) From the [Result] tab, choose the desired pool asset.
(d) In the [Data Entry] tab, enter the applicable information.

Note: The fields for the [Ramp rate (MW/min)], the [Initial Start-up time (hr)], and [Maximum Runup time (min)], must be populated in order to submit a constraint in the Energy Trading System to.

³ These values are purely for information purposes and are not used to determine a pool participant's dispatches; however, minimum off time may be used as an acceptable operational reason in circumstances such as those outlined in subsection 4(c) of ID #2009-003R.

⁴ These values are purely for information purposes and are not used to determine a pool participant's dispatches; however, minimum on time may be used as an acceptable operational reason in circumstances such as those outlined in subsection 4(c) of ID #2009-003R.



Enter Data

General

Ramp rate (MW/Min)

Minimum Off time (hr)

Minimum On time (hr)

Power System Stabilizers ☐ Yes ☒ No

Voltage Regulators ☐ Auto ☒ Manual

Initial Start-up time (hr)

Maximum Runup time (min)

- (e) Select the [Submit] button.
- (f) [Save], [Print], or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.

14.3 Troubleshooting

How do I view my changes?

Once constraints are submitted, they remain visible under the [Constraints] tab. To view:

- (a) Go to the [Submission] page.
- (b) Click on the [Constraints] tab.
- (c) Choose [Asset Type], then click the [Next] button.
- (d) From the [Result] tab, choose the desired pool asset.

Is there a limit to how often I can update the constraints information?

The [Constraints] tab is available for timely updates whenever constraints information changes. There is no limit to how often information can be updated.

Does this information effect how the pool asset is dispatched?

If the [Initial Start-up time (hr)] is anything other than 0 or 1, the pool asset is considered a long lead time pool asset. There are different procedures that exist when a pool asset is considered long lead time to be dispatched by the AESO.

15 Long Lead Time

To be considered a long lead time asset, the pool asset must either: require more than 1 hour to synchronize to the interconnected electric system under normal operating conditions; or is able to synchronize but has varying start-up times for distinct portions of its energy output which require more than 1 hour to deliver, such as additional portions of its energy output.

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ID #2013-001R



A pool asset requiring more than 1 hour to synchronize to the interconnected electric system must submit to the AESO the time of day that such pool asset will be synchronized to the interconnected electric system.

For more information on long lead time assets, please see Information Document #2012-007R, *Long Lead Time Energy* ("ID #2012-007R").

15.1 Long Lead Time Pool Asset Planning to Return from an Offline State

- (a) In the [Enter Start Time] section of the Automated Dispatch and Messaging System, select the desired pool asset, and enter an appropriate start time. The start time should reflect the time expected to synchronize to the grid.

Note: The start-time must be submitted at least 2 hours prior to the beginning of the settlement interval.

- (b) Select the [Submit] button.

Note: Once the start-time has been submitted in the Automated Dispatch and Messaging System, the information appears in the energy market merit order. This step must be executed in order to appear in the energy market merit order as per subsection 2(2) of Section 202.4. If a pool participant deletes an existing start-time record, the pool asset is filtered out of the energy market merit order and does not receive a dispatch.

A pool asset that has previously indicated a start-time may withdraw its intention up to 2 hours prior to the start of the settlement interval.

Note: For a long lead time asset that is synchronized but has varying start-up times for distinct portions of its energy output (MW) and which requires more than 1 hour to deliver such additional portions of its energy, the distinct portions of its energy do not require a start-time to be submitted into the Automated Dispatch and Messaging System to receive a dispatch. The pool participant would reflect the eligibility of the delayed energy to receive a dispatch through their available capability declarations as per subsection 4 of Section 202.4 and further described in subsection 4 of ID #2012-007R.

15.2 Troubleshooting

Why can't I access the Automated Dispatch and Messaging System?

To access any Automated Dispatch and Messaging System account, a security certificate must be installed on a computer. These certificates require the completion of an [ADaMS Request Form](#) which

can be located at on the AESO website through the following path: www.aeso.ca > Market > Market Participation > Joining the Energy Market.

What happens if I restate my long lead time generation to 0 MW? Do I have to restate my start time in the Automated Dispatch and Messaging System when my pool asset comes back to an online state?

Once an available capability restatement has been made, long lead time assets must re-enter their new start time in the Automated Dispatch and Messaging System as per subsection 2(2) of Section 202.4.

16 Managing Operating Reserve and Energy Market Offers

The following explains the relationship between offers for energy and offers for operating reserve. The example illustrates when a restatement of an offer for energy with the range between available capability and minimum stable generation is lower than the quantity of contracted operating reserves.

When a restatement is made in the Energy Submission screen, if the AC less the MSG is lower than the quantity of contracted operating reserve, the warning below will be displayed stating [WARNING: 'AC minus MSG' value for 1 or more hours is lower than the quantity of contracted operating reserves. As a result of this action, you may have to revise operating reserve submission as soon as practicable.]

WARNING: Confirm that this submission meets the applicable requirements as defined in the ISO rules. Press Yes to proceed with the submission.
WARNING: 'AC minus MSG' value for 1 or more hours is lower than the quantity of contracted operating reserves. As a result of this action, you may have to revise operating reserve submissions as soon as practicable.

In this example, the available capability and minimum stable generation is being restated for HE12.

Enter Restatement for ABC Electric Ltd., AB1 Training Asset(AB1) Source for Apr 28, 2023

| | Block 0 | | Offer Control | | Block 1 | | Offer Control | | Block 2 | | Offer Control | | Block 3 | | Offer Control | | Block 4 | | Offer Control | | Block 5 | | Offer Control | | Block 6 | | Offer Control | | DDS Offer | AC | HBO | MSG | Reason | | |
|----|---------|-----|---------------|-------|---------|------|---------------|--|---------|----|---------------|--|---------|----|---------------|--|---------|----|---------------|--|---------|----|---------------|--|---------|----|---------------|--|-----------|----|-----|-----|--------|----|-------------------|
| | \$/MWh | MW | | | \$/MWh | MW | | | \$/MWh | MW | | | \$/MWh | MW | | | \$/MWh | MW | | | \$/MWh | MW | | | \$/MWh | MW | | | | | | | | | |
| 01 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 02 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 03 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 04 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 05 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 06 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 07 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 08 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 09 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 10 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 11 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 12 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | Generator Trip |
| 13 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 14 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 15 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 16 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 17 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 18 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 19 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 20 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 21 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 22 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 23 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |
| 24 | 0.0 | 100 | ABCE | 150.0 | 297 | ABCE | | | | | | | | | | | | | | | | | | | | | | | | | | 297 | 0 | 10 | Normal Operations |

Standing Submission: ☐ Yes ☒ No Maximum Capability(MW): 297

The affected hours will be highlighted in red to point out which settlement intervals have offers that may need to be revised. Make necessary revisions as required.

Note: Restatements made through the file upload submissions will not generate the warning. The warning will only display in the energy submission user interface of the Energy Trading System.

Note: Due to the nature of energy storage assets, these assets are excluded from receiving the warning.

Note: Restatements for Ancillary Services are made using the Ancillary Service tab in the Submission area of the Energy Trading System. See the Ancillary Services Restatements and Substitutions manual which can be found on the AESO website using the following path: www.aeso.ca > Market > Market Participation > System Tools > Energy Trading System (ETS) > ETS manuals.

Note: Pursuant to Section 203.3, enter an acceptable operational reason when restating the available capability of the asset, as in the above example. If the submission meets the applicable requirements as defined in the ISO rules, select [Yes] to continue with the submission. Select [No] to return to the energy grid to edit or complete the acceptable operational reason requirement.

- (a) [Save], [Print], or [Close] the acknowledgement. The AESO recommends each pool participant retains a copy of the acknowledgement for its records.

17 How to Identify an Offer Control Party

The AESO collects offer control party information from pool participants at an operating block level. That means that for every price and quantity pair in an offer to the energy market, up to 7 operating blocks, and in an offer to the dispatch down service market (1 operating block), pool participants provide the identity of one or more offer control parties for each operating block.

The AESO collects offer control party information for each transaction that has been cleared by the Watt Exchange, or alternative market, that is available to be issued a dispatch by the AESO. For offers made to the ancillary services market, for the purpose of compliance with section 6 of the *Fair, Efficient and Open Competition Regulation*, this includes offers for both standby and active operating reserves.

It is anticipated that, in the majority of situations, a single offer control party exists for each operating block and that relationship may never change. In the instance that the offer control party does change, the pool participant submits the identity of such party to the AESO.

If more than one party has an ownership stake in a pool asset, the AESO only needs to receive the identity of the party or parties that take an active role in the determination of the offers, on an operating block specific basis, for that pool asset. "Active role" also includes a party that may not be involved in day-to-day offer determinations but has a standing position on the make-up of the offer.

Examples:

- (a) A pool asset is jointly owned by Company A and Company B. However, Company B's interest is purely financial, and it has no influence in the determination of offers for the pool asset. The pool participant should show offer control for each operating block as Company A.
- (b) A pool asset is owned by a partnership/joint venture:
 - (i) If a delegation of authority has been agreed to between the parties, formally or implicitly, then the delegate is the offer control party. In the absence of such an agreement the parties need to determine if one or more parties is behaving in such a manner that suggests that it is the ultimate decision maker and they should then identify themselves as the offer control party, accordingly.
 - (ii) If the decisions are made collectively amongst more than one party, then the market participant should show each of the offer control parties on an operating block specific basis, as applicable.
- (c) If individual operating blocks within an offer are controlled by different parties then the pool

participant should show the respective parties for each operating block.

In all situations regarding coordinated efforts between pool participants for submitting offers for energy into the power pool, pool participants are reminded to avail themselves of the complete set of requirements under the *Fair, Efficient and Open Competition Regulation*.

The focus is on collecting the identity of the pool participants that function as offer control parties. This approach aids in ensuring that the identities collected are reflective of the actual active players in the market.

Hypothetical Examples:

- (a) Alberta Generator Company Ltd. is a pool participant and a wholly owned subsidiary of FEOC Alberta Ltd. Alberta Generator Company Ltd. is the entity that decides how the energy from the generating pool asset is offered and as such they would be identified as the offer control party, not Alberta Generator Company Ltd.'s parent company.
- (b) Canada Electricity Ltd. is not a pool participant, but it alone decides how the energy from the pool asset it owns is offered. Canada Electricity Ltd. is a wholly owned subsidiary of 06XX29 Alberta Ltd., which is owned entirely by 12YY56 Alberta Ltd. In this situation, the offer control party would be identified as the highest company in that corporate hierarchy (the ultimate parent company, 12YY56 Alberta Ltd.) as none of the companies in the hierarchy are pool participants. However, as the search moves up the corporate structure in search of the ultimate parent company, if any of the entities is a pool participant then that company is reported as the offer control party.