AEMO
AUSTRALIAN ENERGY MARKET OPERATOR

Guide to Electricity Reallocations

4.05 Final

August 2020

Explains how to use Reallocations in the Markets Portal

Important Notice

PURPOSE
This Guide to Electricity Reallocations, prepared by the Australian Energy Market Operator (AEMO), provides guidance for Electricity Reallocations under the National National Electricity Rules.

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DOCUMENTS MADE OBSOLETE
The release of this document changes any previous versions of Guide to Electricity Reallocations and the EMMS Reallocations User Interface Guide.

FEEDBACK
Your feedback is important and helps us improve our services and products. To suggest improvements, please contact AEMO's support hub.

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Purpose

This guide provides instructions for Reallocations Registered Participants to use the **Reallocations Request Service** (Reallocations) in the Energy Market Systems Web Portal (Web Portal).

Audience

This guide is for Reallocations Registered Participants who have an executed **Letter of Agreement** with AEMO to use Electricity Reallocations in the Web Portal.

Participant administrators wanting to know the user rights management (URM) entity to grant for participant users to access Electricity Reallocations are a secondary audience.

Related rules and procedures

The resources listed in this section contain related information assisting you to understand the material in this guide:

You can find resources mentioned in this guide on AEMO's website: aemo.com.au/Settlements and Prudentials.

Name	Purpose
Credit Limit Procedures	Describes the methodology AEMO uses to determine the prudential settings for each Market Participant so their prudential standard is met for the *NEM*.
Letter of Agreement	To participate in Reallocations, you must also complete a Letter of Agreement. There are 2 different Letters of Agreement for: • **Energy** and **dollar offset** Reallocations. • **Swap** and **option offset** Reallocations. The **Letter of Agreement** is only required once and both the Debit and Credit parties must have executed one.
National Electricity Rules (NER)	For information about clauses: 3.15.11 Reallocation Transactions, and 3.15.11A Reallocation Procedures, see the AEMC website.
Reallocation Procedure: Energy and Dollar Offset Reallocations	These procedures set out how to create and record Reallocation transactions for **energy** or **dollar offsets**.
Reallocation Procedure: Swap and Option Offset Reallocations	The **swap** and **option offset** Reallocations set out how to create and record Reallocation transactions for **swap**, **cap**, or **floor offset**s.
Reallocation Timetable	Explains the timetable for submitting Reallocations for MCL purposes.

How to use this guide

- This guide is written in plain language for easy reading.
- Where there is a discrepancy between the National Electricity Rules, and information or a term in this document, the National Electricity Rules takes precedence.
- Where there is a discrepancy between the Energy and Dollar Offset Reallocations and Swap and Option Offset Reallocations, and information or a term in this document, the Energy and Dollar Offset Reallocations and Swap and Option Offset Reallocations take precedence.
- **Text in this format** indicates there is a resource on AEMO's website, for details, see References on page 74
- Text in this format indicates a link to a related resource.
- Actions to complete in the web portal interface are **bold and dark grey**.
- Rules terms used throughout this guide are listed on page 75 and defined in the National Electricity Rules.

- Glossary terms are capitalised and have the meanings listed against them (see page 77).
- References to time are Australian Eastern Standard Time (AEST).

What's in this guide

- Introduction on page 1 describes the purpose, audience, what's in this guide, and how to use this guide.
- Need to Know on page 4 provides an information you need to know before using Electricity Reallocations.
- Chapter 1 About Electricity Reallocations on page 8 provides an overview of Reallocations.
- Chapter 2 Viewing Reallocations on page 19 explains how to access and view Reallocations.
- Chapter 3 Creating Reallocations on page 30 explains how to enter a Reallocation in the Web Portal and how to create and upload a file to the Web Portal.
- Chapter 4 Authorising Reallocations on page 52 explains how to authorise and validate Reallocations.
- Chapter 5 Cancelling Reallocations on page 56 explains how to reverse a Reallocation.
- Chapter 6 NEM Alert Notifications on page 63 provides details on how to subscribe to the NEM Alerts in the Settlements Direct web portal along with examples emails and messages for the different notification types.
- Frequently Asked Questions on page 67 provides answers to some commonly asked questions.
- Needing Help on page 72 provides some contact information and Support Hub details.
- Glossary on page 77 has an explanation of the terms used throughout this document.
- Index on page 83 provides and easy way to find what you are looking for.

Need to Know

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Updates to Reallocations for five-minute settlements

For five-minute settlements Reallocations, the following section lists the changes listed in the document:

- Participants can enter five-minute reallocations from the Reallocations go-live date for days after the commencement of the 5MS rule change date.
- Participants can continue to enter 30-minute reallocations fromthe commencement of the 5MS rule change date for days before the 5MS rule change date until the ex-post timetable allows it.

The screenshots available in this guide are example and can differ from the final version on the Markets Portal.

- For reallocations spanning the commencement of the 5MS rule change date, participants need to submit two separate reallocations requests:
  - One that starts on the start date and ends on 30 September 2021 with the interval length of 30-minutes.
  - And a second one starting on the 1 October 2021 and ends on the end date with the interval length of five-minutes.
- New Reallocation APIs that allow you to create, authorise, or cancel real-locations.
- Updated web portal and new screens for creating, viewing, and managing reallocations requests.
- New Reallocation APIs that allow you to create, authorise, or cancel reallocations. For more information, see Reallocations APIs in the **Guide to Reallocation APIs**.

User rights access

To access Electricity Reallocations, Participant Users must have the appropriate user rights access. The access right determines the functionalities and transactions you can use to access the web portal, batch interfaces, FTP, and API services.

Participant Administrators (PAs) authorise Participant User access in MSATS. The initial PA is set up by the AEMO system administrator as part of the registration process.

Your company's participant administrator (PA) grants you permission to use NEM Credit Support.

The entity required for accessing for the Reallocations is:

- EMMS – Settlements – Reallocations

By default, this enables the read-only access. The PA needs to tick the following rights to allow you access to Reallocations in the MSATS web portal:

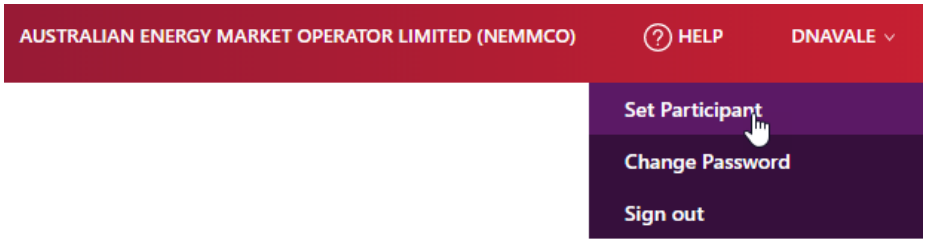
For more details about participant administration and user rights access, see Guide to User Rights Management.

Reallocations function/API	Access Rights
Submit Reallocation	Create
Authorise or Cancel Reallocations	Update
All other functions	Read

Set participant

Where a Participant User has user rights assigned by more than one Participant ID, the Participant User selects the Participant ID they want to represent using the Set Participant option.

For more information, see the Guide to MSATS web portal.



System requirements

The Electricity Reallocations Web Portal is accessed using a web browser and requires:

- The website address where the application is located on AEMO's network (see Access Reallocations on page 1).
- Microsoft Internet Explorer (IE) version 11 or later. Chrome is also a viable option.
- A monitor capable of 1024 x 768 screen resolution.
- Access to MarketNet; if your company is a registered participant, you probably already have access because it is set up during the registration process. For more details, see **Guide to Electricity Information Systems**.
- A user ID and password provided by your company's participant administrator (PA) who controls access to AEMO's web portals. For more details see **Guide to User Rights Management (URM)**.
  PAs are set up during the registration process, if you don't know who your company's PA is, contact AEMO's support hub supporthub@aemo.com.au

Who can use Reallocations?

Participants having access to Reallocations include Reallocations Registered Participants (usually Market Participants and reallocators).

Only participants who have an executed Letter of Agreement with AEMO can access Reallocations:

Electricity Reallocations runs on both Windows and Unix-like operating systems.

- Participants registering as reallocators complete the Letter of Agreement during registration.
- Market Participants wanting to use Reallocations can complete the Letter of Agreement found at the back of the relevant Procedure:
  - **Reallocation Procedure Energy and Dollar Offset Reallocations**.
  - **Reallocation Procedure Swap and Option Offset Reallocations**.
- **Cap**, **floor**, and **swap agreement types** are only available to Market Customer, Market Generator, or MNSP participant registered for these categories.

The Letter of Agreement is only required once and both parties to a Reallocation must have a signed Letter of Agreement. Once your Letter of Agreement is executed, AEMO enables Reallocations so you can submit Reallocation requests.

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What Reallocations are for

The electricity **Reallocation Request Service** (Reallocations) enables Reallocations Registered Participants to create, submit, authorise, and view Reallocations in accordance with the Reallocation Procedures.

At each settlement run, AEMO's Energy Market Systems automatically copies Reallocation details from Reallocations to the Settlements system. The Settlements system includes this data in settlements calculations and incorporates the results in participants' weekly settlement statements.

All reallocations must be submitted and authorised through the **Reallocation Request Service** in the Web Portal.

What is a Reallocation?

A Reallocation is a Rules-supported agreement that is approved between AEMO and two parties (you and a Counterparty), enabling a settlement transaction (an amount of money) to be exchanged.

One Party is designated the Credit Participant and receives credit from the Reallocation, whilst the other Party is the Debit Participant. Either Party can submit the Reallocation request that generates matching debit and credit transactions and is included in the participants' settlement statements.

Reallocation transaction

A reallocation transaction is based on an authorised request in Reallocations in the Energy Market Systems Web Portal.

Both parties must have an executed Letter of Agreement with AEMO.

Roles

Depending on their roles, the two parties to a Reallocation are as follows:

- Submitting party - who initiates the request in the system.
- Authorising party - who authorises the request.

Counterparty is any party other than the party looking at the reallocation. So the submitting party and authorising parties are counterparties to each other.

Depending on the settlement transactions:

- Debit Participant - who receives a debit settlement transaction on the settlement statement.
- Credit Participant - who receives a credit settlement transaction on the settlement statement.

Agreement types

A Reallocation can have one of five different agreement types–**dollar**, **cap**, **floor**, **quantity**, or **swap**. Each agreement type requires you to enter values for each of the 48 30-minute or 288 five-minute trading intervals in the Reallocation. For example, a Reallocation may define an agreement for one participant to receive credit for the specified quantities of energy for each trading interval from 25 December to 31 December, or an agreement to receive a debit (normally offset against physical energy credits) for a specific dollar value for one trading interval, applying for the entire day.

Cap, **floor**, and **swap agreement types** are only available to participants who have signed the Swap and Option Offset Reallocations Letter of Agreement.

Day type

In the Reallocation you can specify different Reallocation values for different kinds of days within a Reallocation period. This is called a DayType:

- If the same Reallocation values are applied every day during the Reallocation period, you specify a Day Type of Flat - All Days.
- If you want to specify a different quantity for weekdays and weekends or public holidays, you can create one Reallocation Transaction with a Day Type of Business – Weekdays, and a second Reallocation Transaction with a Day Type of Non-business - Weekends and Public Holidays.

What time period can a Reallocation cover?

Business and non-business days are determined in accordance with the Settlement Calendars on AEMO's website.

A Reallocation can cover a one-day period or many days. When you create a Reallocation, you specify a Start Date and End Date to define the Reallocation period. The End Date must be no earlier than the Start Date. You can use two Reallocation agreement types to specify different arrangements for weekdays and weekends or public holidays within the Reallocation period, if required.

A Reallocation can be submitted before its Start Date (ex ante) or after (ex post). For more detail see:

- Ex ante Reallocation below
- Ex post Reallocation on the next page

Ex ante Reallocation

Ex ante Reallocations are lodged before the target trading intervals occur, when the volume and price are unknown. If a Reallocation is to be relied upon for reducing Maximum Credit Limits (MCL), it must be submitted and authorised before the close of business on the seventh business day prior to the earliest trading interval specified in the Reallocation, see (Ex ante reallocation example on the next page).

Business days are weekdays from Monday to Friday that are not public holidays (public holidays are listed in the **Settlement Calendars**).

Ex ante Reallocation example

The Ex ante due date shown in Reallocations is the date the ex ante reallocation must be authorised if it is to be recognised for MCL purposes.

Take this example from the 2016 Settlement Calendar:

1. The billing period start is Monday 10 October 2016.
2. If you want to submit a Reallocation with a Start Date on 19 October 2016 to rely on it for reducing prudential obligations, it must be authorised by Monday 10 October 2016.
3. On Monday 10 October 2016, submit and authorise your **ex ante reallocation**.
4. Add seven business days prior to the earliest trading interval specified in the Reallocation.
5. The Start Date for your **ex ante reallocation** is Wednesday 19 October 2016.
6. The preliminary statement is issued on Friday 21 October 2016.

Figure 1 Ex ante reallocation example

Ex post Reallocation

Ex post reallocations are lodged after the target trading intervals occurred, where the volume and price are known.

There are benefits in lodging **ex post reallocations** earlier than required:

- To ensure the resulting reduction in the level of outstandings maximises the trading margin as a buffer against future high market prices.
- To have the Reallocation captured in the preliminary statement.

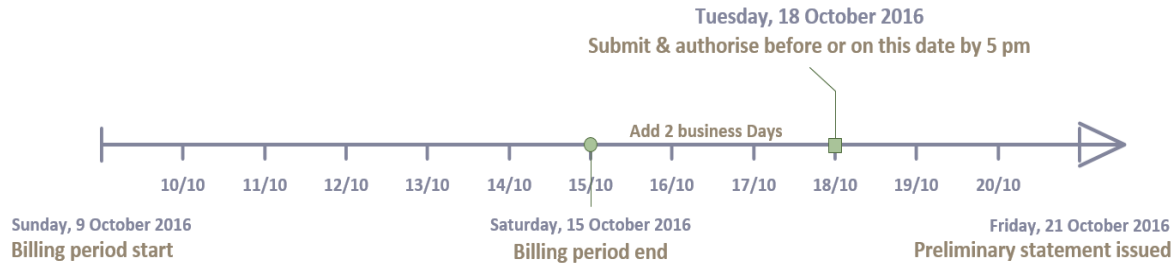
Ex post Reallocation appearing in the preliminary statement example

The ex post due by date shown in Reallocations is the date the Reallocation must be authorised by if you want it taken into account for the relevant billing period. Once the date has passed the ex post due by date, if the Reallocation is not authorised it is moved to Expired and is no longer available for authorisation.

This example, from the 2016 Settlement Calendar, is where your **ex post reallocation** appears in your preliminary statement:

1. The billing period start is Sunday 9 October 2016.
2. The billing period end is Saturday 15 October 2016.
3. Add two business days to take you to Tuesday 18 October 2016.
4. You must submit and authorise your **ex post reallocation** before or on this date by 5.00 pm, see Figure 3 on the next page.
5. The preliminary statement is issued on Friday 21 October 2016.

Figure 2 Ex post reallocation in preliminary statement example



Ex post Reallocation appearing in the final statement example

This example, from the 2016 Settlement Calendar, is where the **ex post reallocation** appears in the final statement:

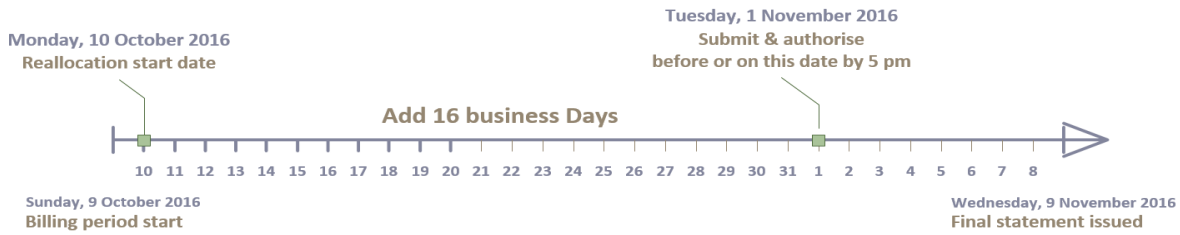
1. The billing period start is Sunday 9 October 2016.
2. The start date of the **ex post reallocation** is Monday 10 October 2016.

3. Add 16 business days after the earliest trading interval specified in the Reallocation takes you to Tuesday 1 November 2016.

4. You must submit and authorise your **ex post reallocation** before or on this date, see Figure 3 below.

5. The final statement is issued on Wednesday 09 November 2016.

Figure 3 Ex post reallocation final statement example



Reallocation status

A Reallocation is created by one Party to the agreement, and then submitted. The system validates the record, and if it passes the validation tests, it is displayed to the Counterparty. The Counterparty to the agreement uses Reallocations to confirm the details and authorise the Reallocation. The authorisation is validated and if it passes the validation tests, the record is displayed in Reallocations as an authorised Reallocation.

As the Reallocation passes through the various stages, it can have the following status:

Submitted

Initial Reallocation created, submitted, and validated. The submitted Reallocations are displayed in either of the following filters depending on who the creator/counterparty is:

- Awaiting your authorisation
- About to expire
- Awaiting counterparty

Authorised

Authorisation validated for both parties, the Reallocation is displayed in Authorised.

Cancelled

Reallocation cancelled by the submitting party before it has been authorised or rejected by the authorising party and displayed in Cancelled/Rejected.

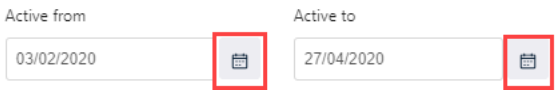
Expired

Reallocation expired are displayed in Expired.

How to use Reallocations web page

Reallocations is a web application used to view, create, submit, or authorise Reallocations. You can view existing Reallocations – both authorised and unauthorised (unauthorised Reallocations are submitted by the Party to the agreement but are not authorised by the Counterparty).

Since the list of Reallocations can be quite extensive, the Active from and Active to fields filter Reallocations for a specific period. By default, this value is set at 40 days in the past and 2 years in the future from today's date. You can customise this date range for your session as required using the date selection boxes highlighted below.



When you log in, you can only see your company's Reallocations. This means Reallocations you have created (both authorised and unauthorised), and Reallocations awaiting your authorisation as a Counterparty.

The Reallocations web page displays Reallocations that span the following filters:

- All Reallocations
- Reallocations awaiting authorisation by your participant ID.
- Reallocations about to expire past the ex-post date
- Reallocations awaiting authorisation by the Counterparty (these are Reallocations your participant ID has created).
- Authorised Reallocations, including past, present and future.
- Expired Reallocations
- Cancelled/Rejected Reallocations

You can further filter the list by the following criteria:

- Counterparty
- Creator
- Region
- Under More, you can filter by Day type, Agreement type and Period covered.

You can search for a specific Reallocation by searching for the Reference ID or any other Reallocation detail.

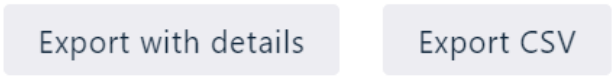
By default, the Reallocations home page displays the Awaiting your Authorisation list.

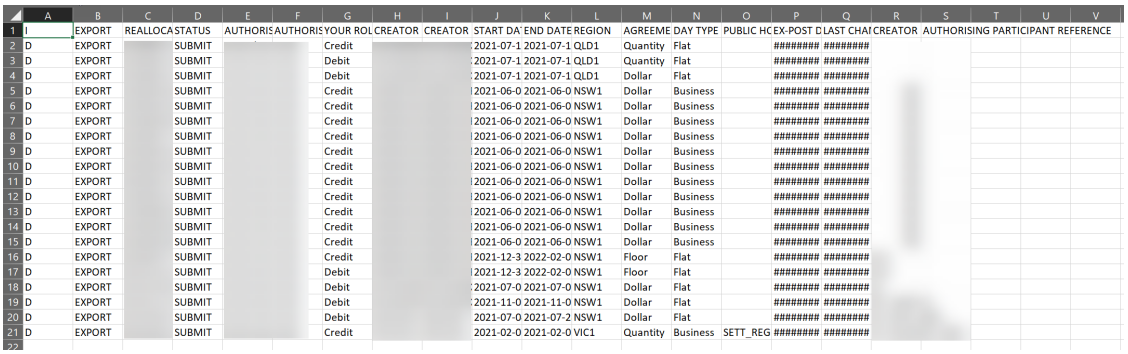
The Reallocations home page has an option to view the Public Holidays.

The system interfaces with comma-separated value (CSV) files so you can download Reallocation interval values for use in other applications. To download a Reallocations record, use either of the following options:

For help viewing existing Reallocations, see Viewing Reallocations on page 19

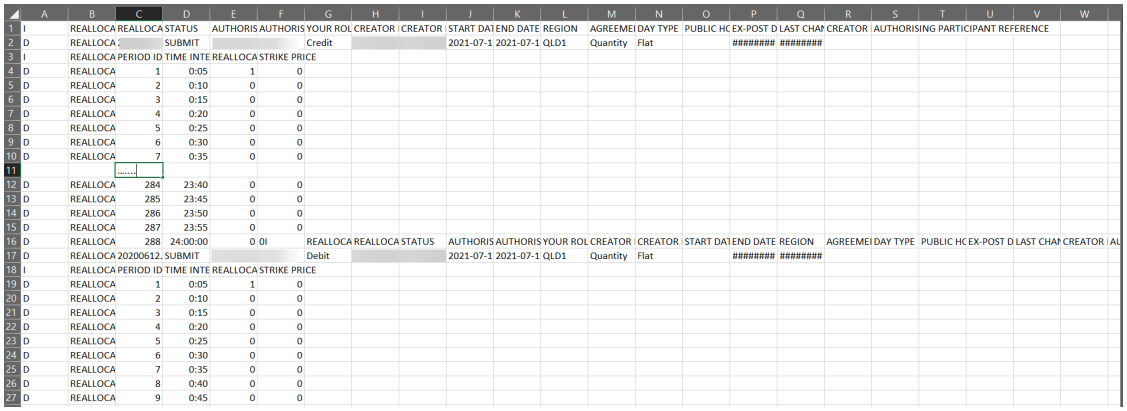
- To get a CSV file consisting of a list of all Reallocation requests with just the header information, available under a menu option, click **Export CSV**. For example, the following image shows a list of reallocations requests available under **Awaiting your Authorisation** menu item.





	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	I	EXPORT	REALLOCA	STATUS	AUTHORIS	AUTHORIS	YOUR ROL	CREATOR	CREATOR	START DA	END DATE	REGION	AGREEME	DAY TYPE	PUBLIC HC	EX-POST D	LAST CHAI	CREATOR	AUTHORISING	PARTICIPANT	REFERENCE	
2	D	EXPORT		SUBMIT			Credit			2021-07-1	2021-07-1	QLD1	Quantity	Flat		########	########					
3	D	EXPORT		SUBMIT			Debit			2021-07-1	2021-07-1	QLD1	Quantity	Flat		########	########					
4	D	EXPORT		SUBMIT			Debit			2021-07-1	2021-07-1	QLD1	Dollar	Flat		########	########					
5	D	EXPORT		SUBMIT			Credit			2021-06-0	2021-06-0	NSW1	Dollar	Business		########	########					
6	D	EXPORT		SUBMIT			Credit			2021-06-0	2021-06-0	NSW1	Dollar	Business		########	########					
7	D	EXPORT		SUBMIT			Credit			2021-06-0	2021-06-0	NSW1	Dollar	Business		########	########					
8	D	EXPORT		SUBMIT			Credit			2021-06-0	2021-06-0	NSW1	Dollar	Business		########	########					
9	D	EXPORT		SUBMIT			Credit			2021-06-0	2021-06-0	NSW1	Dollar	Business		########	########					
10	D	EXPORT		SUBMIT			Credit			2021-06-0	2021-06-0	NSW1	Dollar	Business		########	########					
11	D	EXPORT		SUBMIT			Credit			2021-06-0	2021-06-0	NSW1	Dollar	Business		########	########					
12	D	EXPORT		SUBMIT			Credit			2021-06-0	2021-06-0	NSW1	Dollar	Business		########	########					
13	D	EXPORT		SUBMIT			Credit			2021-06-0	2021-06-0	NSW1	Dollar	Business		########	########					
14	D	EXPORT		SUBMIT			Credit			2021-06-0	2021-06-0	NSW1	Dollar	Business		########	########					
15	D	EXPORT		SUBMIT			Credit			2021-06-0	2021-06-0	NSW1	Dollar	Business		########	########					
16	D	EXPORT		SUBMIT			Credit			2021-12-3	2022-02-0	NSW1	Floor	Flat		########	########					
17	D	EXPORT		SUBMIT			Debit			2021-12-3	2022-02-0	NSW1	Floor	Flat		########	########					
18	D	EXPORT		SUBMIT			Debit			2021-07-0	2021-07-0	NSW1	Dollar	Flat		########	########					
19	D	EXPORT		SUBMIT			Debit			2021-11-0	2021-11-0	NSW1	Dollar	Flat		########	########					
20	D	EXPORT		SUBMIT			Debit			2021-07-0	2021-07-2	NSW1	Dollar	Flat		########	########					
21	D	EXPORT		SUBMIT			Credit			2021-02-0	2021-02-0	VIC1	Quantity	Business	SETT_REG	########	########					
22																						

- To download a CSV file with a list of all Reallocation requests including all trading interval details under a menu option, click **Export with details**. Using the same example as above, the output for **Export with details** is as follows:



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	I	REALLOCA	REALLOCA	STATUS	AUTHORIS	AUTHORIS	YOUR ROL	CREATOR	CREATOR	START DA	END DATE	REGION	AGREEME	DAY TYPE	PUBLIC HC	EX-POST D	LAST CHAI	CREATOR	AUTHORISING	PARTICIPANT	REFERENCE		
2	D	REALLOCA		SUBMIT			Credit			2021-07-1	2021-07-1	QLD1	Quantity	Flat		########	########						
3	I	REALLOCA	PERIOD ID	TIME INTE	REALLOCA	STRIKE PRICE																	
4	D	REALLOCA	1	0:05	1	0																	
5	D	REALLOCA	2	0:10	0	0																	
6	D	REALLOCA	3	0:15	0	0																	
7	D	REALLOCA	4	0:20	0	0																	
8	D	REALLOCA	5	0:25	0	0																	
9	D	REALLOCA	6	0:30	0	0																	
10	D	REALLOCA	7	0:35	0	0																	
11																							
12	D	REALLOCA	284	23:40	0	0																	
13	D	REALLOCA	285	23:45	0	0																	
14	D	REALLOCA	286	23:50	0	0																	
15	D	REALLOCA	287	23:55	0	0																	
16	D	REALLOCA	288	24:00:00	0	0I	REALLOCA	REALLOCA	STATUS	AUTHORIS	AUTHORIS	YOUR ROL	CREATOR	CREATOR	START DA	END DATE	REGION	AGREEME	DAY TYPE	PUBLIC HC	EX-POST D	LAST CHAI	CREATOR	AU
17	D	REALLOCA	20200612.	SUBMIT			Debit			2021-07-1	2021-07-1	QLD1	Quantity	Flat		########	########						
18	I	REALLOCA	PERIOD ID	TIME INTE	REALLOCA	STRIKE PRICE																	
19	D	REALLOCA	1	0:05	1	0																	
20	D	REALLOCA	2	0:10	0	0																	
21	D	REALLOCA	3	0:15	0	0																	
22	D	REALLOCA	4	0:20	0	0																	
23	D	REALLOCA	5	0:25	0	0																	
24	D	REALLOCA	6	0:30	0	0																	
25	D	REALLOCA	7	0:35	0	0																	
26	D	REALLOCA	8	0:40	0	0																	
27	D	REALLOCA	9	0:45	0	0																	

You can also create your Reallocation files in CSV format and upload them to the system, see Trading Intervals and Values on page 37.

You can also export an individual Reallocation request as a CSV by using the Export button available when viewing Reallocation details, see Download an existing Reallocations record on page 43

Reallocations fields explained

Table 1 Viewing Reallocations fields explained

Column	Explanation
Reallocation ID	A number automatically assigned by the system when a Reallocation is created. It starts with the date on which the Reallocation was created (in order of year, month and day), followed by **RS** (for **Reallocation Request Service**) and a three-digit number. For example, for the first reallocation created on October 1, 2019, the Reallocation ID would be 20191001.RS001. The Reallocations ID is a clickable link that you can use to view the Reallocation details. Below the Reallocation ID is the participant ID of the submitting party.
Counterparty	The participant ID of the Counterparty to the Reallocation.
Last changed	Lists the date and time when the reallocation was last updated.
Start Date	The date the Reallocation comes into effect.
End Date	The date the Reallocation ends.
Ex Post Due by Date	If the Reallocation is to affect a billing period that has already started this is the date it must be authorised by if it is to be taken into account for the relevant billing period. Once the date has passed the ex post due by date, if the Reallocation is not authorised it is moved to the **Expired** menu and is no longer available for authorisation. For more details, see Ex post Reallocation on page 11
Region ID	An identifier representing a market region, either: NSW1, QLD1, SA1, TAS1, VIC1.

Column	Explanation
	• For quantity (MWh **energy**) Reallocations, this is the source region to be applied. • For **dollar** ($) Reallocations, it is the submitting company's region. • For **cap** (CAP), **floor** (FLOOR), and **swap** (SWAP) **agreement types**, this is the source region used when determining the value of the Reallocation.
Day type	The day type for the reallocation. Possible values are: • Flat - all days • Business - weekdays • Non-business - weekends and Public Holidays as per the Calendar selected
Agreement type	A Reallocation can have one of five different agreement types—**dollar**, **cap**, **floor**, **quantity**, or **swap**.
Action	A clickable link allowing you to quickly action the Reallocation based on its current status. It is either: • **Authorise** – for Reallocations currently in Awaiting your authorisation or About to expire state. • **Reverse** - for reallocations that are authorised. • **Duplicate**- for reallocations that are in Cancelled or Rejected state.

Reallocation process

When you have negotiated an agreement with another participant to enter a Reallocation, you and your Counterparty decide who creates the Reallocation. A representative of the company then creates and submits a new Reallocation request. A representative of the other company must review the submitted request and, if all is as agreed, authorise it. The Reallocation request status is Authorised and processed accordingly.

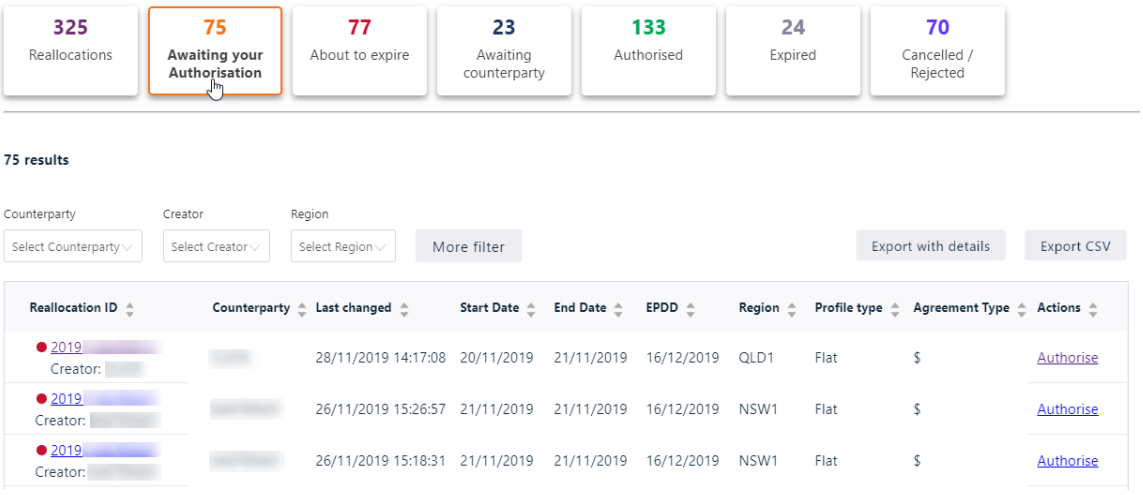
Chapter 2 Viewing Reallocations

About viewing Reallocations

Reallocations lets you filter and view Reallocations requests as per the following filters:

- All Reallocations
- Reallocations awaiting your authorisation.
- Reallocations about to expire.
- Reallocations awaiting your Counterparty's authorisation.
- Authorised Reallocations - past, current, and future.
- Expired Reallocations
- Cancelled or Rejected Reallocations.

Figure 4 View Reallocations filters



By default, the Reallocations home page displays the list of Reallocations awaiting your authorisation.

The Action column displays the action most likely for that Reallocations request and changes based on the filter selected.

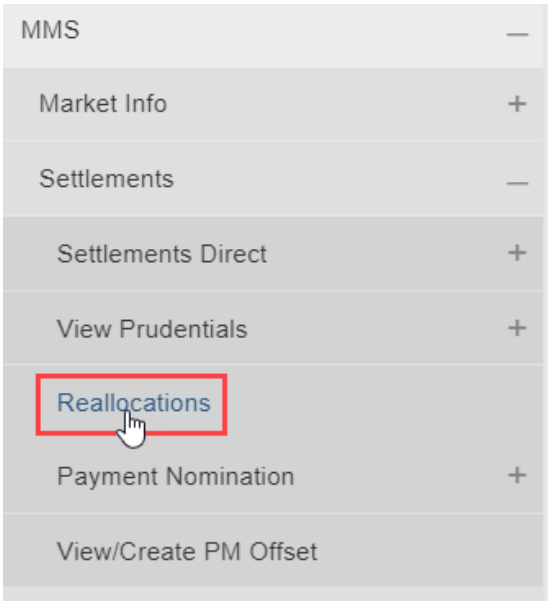
Accessing Reallocations

1. Using your web browser, access the Web Portal, either:
   - 5MS Staging:

     https://portal.5ms.staging.test.marketnet.net.au/#/menu
   - Pre-production: https://portal.preprod.nemnet.net.au
   - Production: https://portal.prod.nemnet.net.au
2. Click Energy Market Systems and sign in using the user ID and password provided by your company's PA.
3. On the left navigation pane, click MMS, then Settlements and then Reallocations.

The Web Portal provides you with a clear indication of the environment you are working in by providing a different border colour around the home page. The production environment has a grey border and the pre-production environment has a green border.

Figure 5 Energy Market Systems Web Portal Reallocations menu



4. By default, the new Reallocations web page opens on the Awaiting your Authorisation page listing all reallocations that await your authorisation.

Viewing Public Holiday Calendars

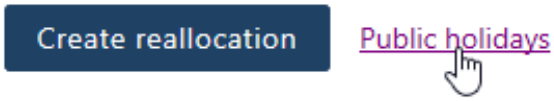
The Reallocations menu contains a view of all Reallocations for which you are either the submitting party or the counterparty.

For help with Ex Ante and Ex Post Reallocations, see What is a Reallocation? on page 1.

To view a list of all Reallocations:

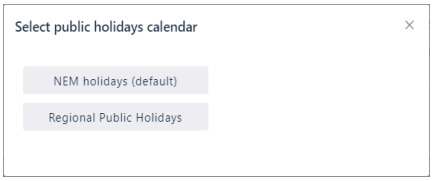
1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.

2. On the Reallocations home page, click on **Public holidays** button.



3. In the **Select public holiday calendar** window, a list of all calendars displays.

4. Select a calendar to display a list of all public holidays for all regions for the given year. You can use the **Year** drop down to view the holiday list for a different year.



The Regional Public Holidays calendar is currently available in the EMMS system but not displayed on the web portal until the Settlements pre-production release (November 2020).

You can use this list to find holidays for your Reallocation requests.

Viewing all Reallocations

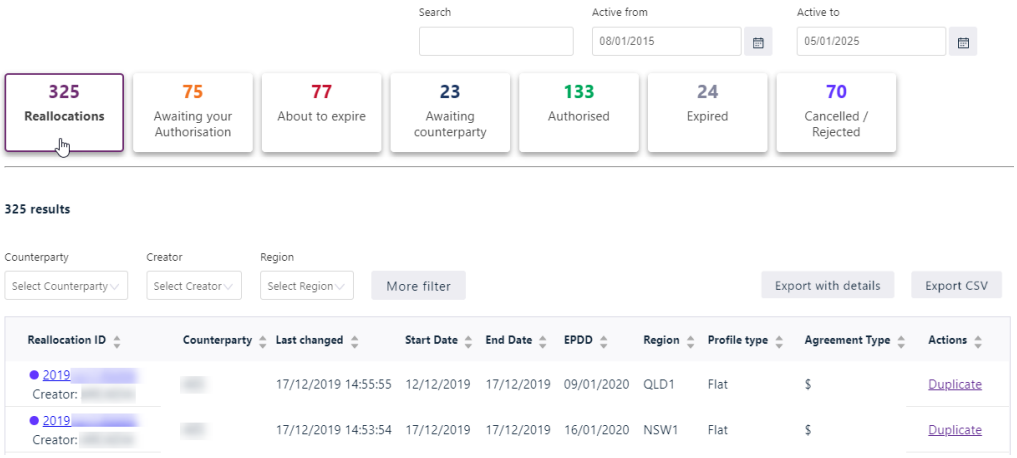
The Reallocations menu contains a view of all Reallocations for which you are either the submitting party or the counterparty.

To view a list of all Reallocations:

1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.

2. On the Reallocations home page, click the Reallocations filter to display all Reallocations.

   Reallocations are ordered by Last changed.



3. Click the Reallocation ID to view the details of the Reallocations request.

For help with Ex Ante and Ex Post Reallocations, see What is a Reallocation? on page 1.

For an explanation of the fields, see Viewing Reallocations fields explained on page 1.

You can also:

Sort columns by ascending or descending order, click the arrows beside any of the column headings.

By default, the rows are sorted by last changed.

Viewing awaiting your authorisation

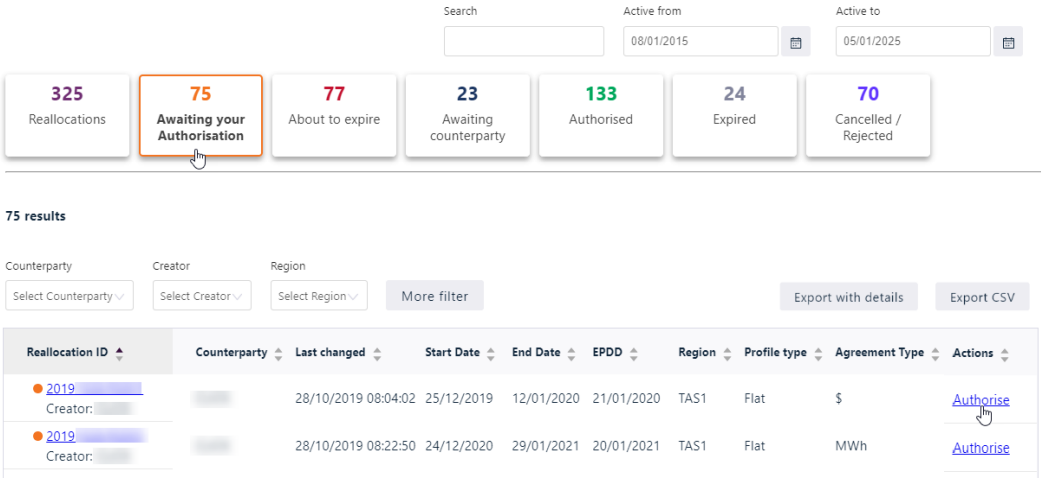
The Awaiting your Authorisation menu contains a view of Reallocation requests awaiting your authorisation. Reallocations not authorised by the ex post due by date are moved to the **Expired** menu.

To view Reallocations awaiting your authorisation:

1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.

2. Click **Awaiting your Authorisation**.

> **For help with Ex Ante and Ex Post Reallocations, see What is a Reallocation? on page 1.**



3. The Reallocations Awaiting Authorisation grid displays.
   Reallocations awaiting your authorisation are ordered by Last changed.

4. Click the Reallocation ID to view the details of the Reallocations request.

You can also:

Sort columns by ascending or descending order, click the arrows beside any of the column headings.

By default, the rows are sorted by last changed.

For an explanation of the fields, see Viewing Reallocations fields explained on page 1.

- To view Reallocation details and authorise, click **Authorise** in the Action column, see Chapter 1 Authorising Reallocations on page 1. Even if you only want to view the Reallocation, you can click Authorise because further steps are needed before the authorisation completes.

Viewing about to expire

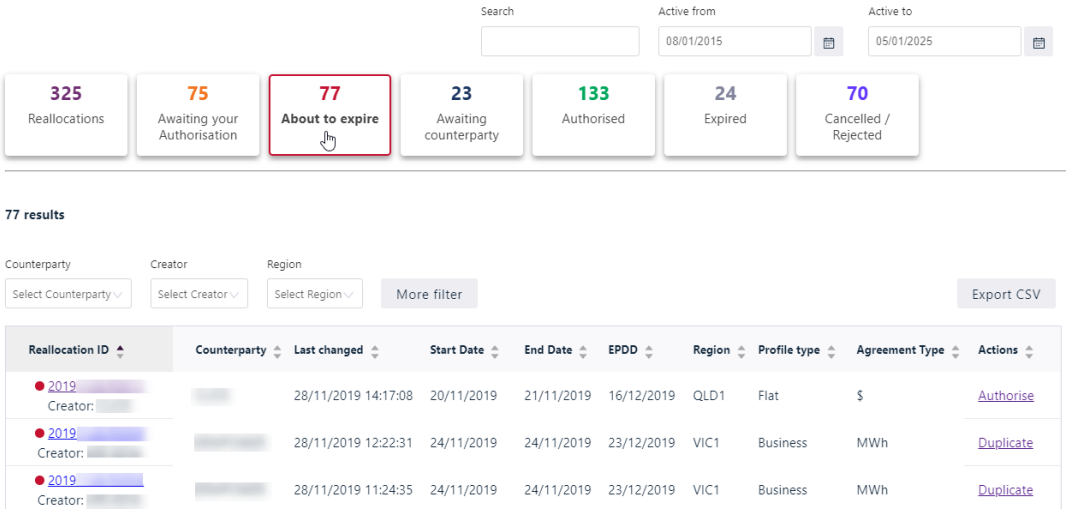
The About to expire filter contains a view of Reallocation requests that are about to expire past the ex post due date. By default, this is configured to display all Reallocations about to expire in the next two days. Reallocations not authorised by the ex post due by date are moved to the **Expired** menu.

To view Reallocations about to expire:

1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.

For help with Ex Ante and Ex Post Reallocations, see What is a Reallocation? on page 1.

2. Click **About to expire**.



3. The Reallocations About to expire grid displays. Reallocations are ordered by Last changed.

4. Click the Reallocation ID to view the details of the Reallocations request.

You can also:

Sort columns by ascending or descending order, click the arrows beside any of the column headings.

By default, the rows are sorted by last changed.

- To view Reallocation details and authorise, click **Authorise** in the Action column, see Chapter 1 Authorising Reallocations on page 1. Even if you only want to view the Reallocation, you can click Authorise because further steps are needed before the authorisation completes.

For an explanation of the fields, see Viewing Reallocations fields explained on page 1.

Viewing awaiting counterparty

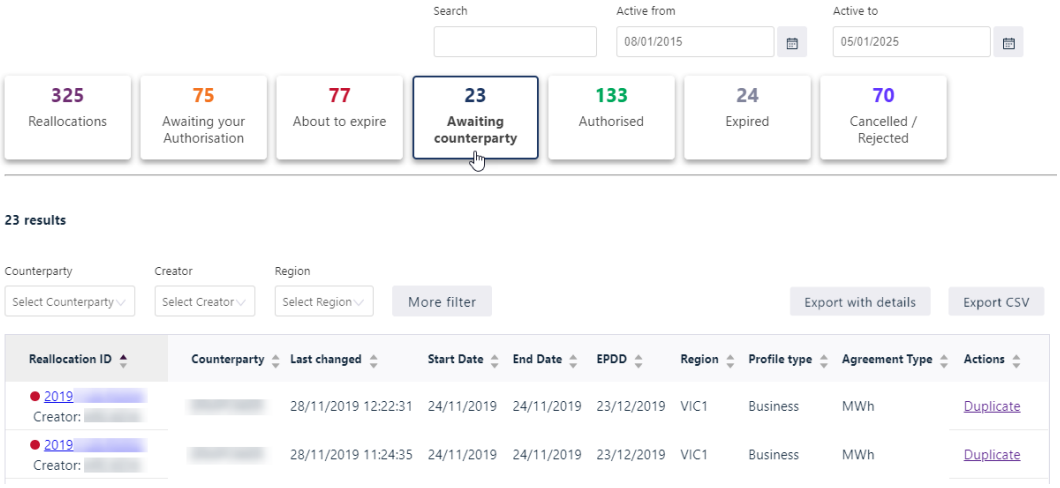
The Awaiting counterparty menu contains a view of Reallocation requests awaiting authorisation by your Counterparty. Reallocations not authorised by your Counterparty by the ex post due by date are moved to the Expired menu.

To view Reallocations awaiting Counterparty authorisation:

1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.

2. Click **Awaiting Counterparty**.

For help with Ex Ante and Ex Post Reallocations, see What is a Reallocation? on page 1.



3. The Reallocations Awaiting Counterparty authorisation grid displays. Reallocations are ordered by Last Changed.

4. Click the Reallocation ID to view the details of the Reallocations request.

You can also:

Sort columns by ascending or descending order, click the arrows beside any of the column headings.

By default, the rows are sorted by last changed.

For an explanation of the fields, see Viewing Reallocations fields explained on page 1.

Viewing authorised

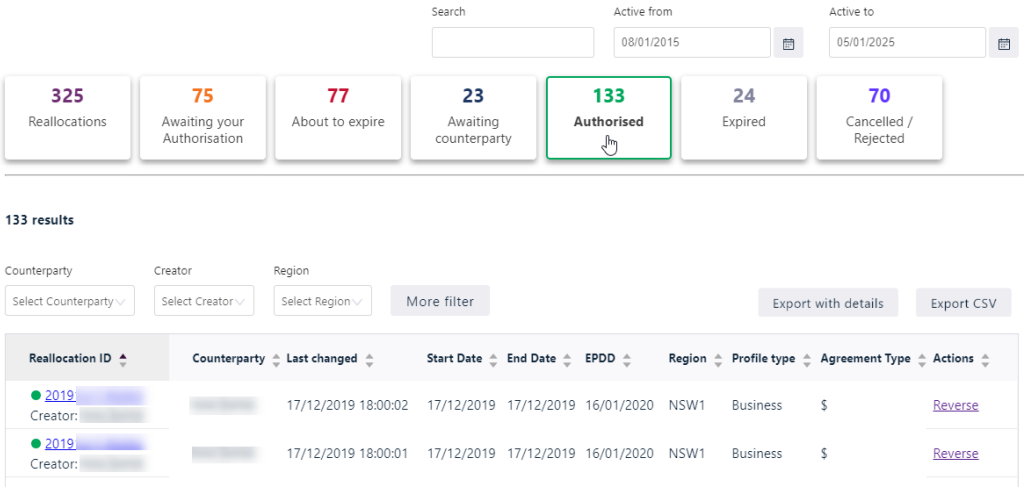
The Authorised filter contains a view of all Reallocation requests that are authorised. This list contains all authorised realloctions - current, future, and finished. You can further filter these using the More filter and selecting option from Period cover

To view Reallocations awaiting your authorisation:

1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.

2. Click **Authorised**.

> For help with Ex Ante and Ex Post Reallocations, see What is a Reallocation? on page 1.



3. The Authorised Reallocations grid displays. Reallocations are order by Last changed.

4. Click the Reallocation ID to view the details of the Reallocations request.

You can also:

Sort columns by ascending or descending order, click the arrows beside any of the column headings.

By default, the rows are sorted by last changed.

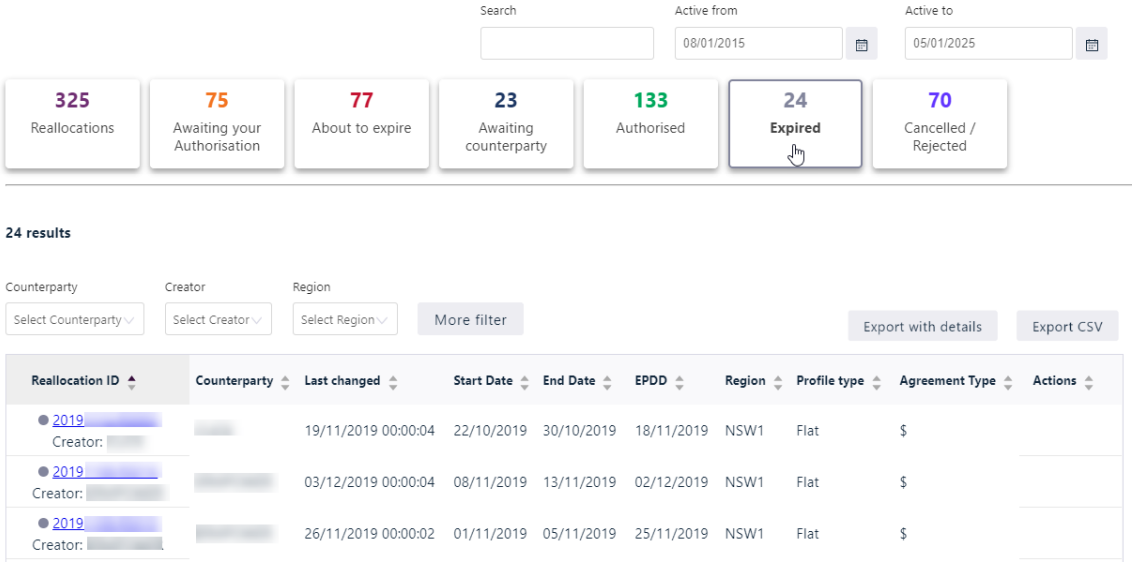
> For an explanation of the fields, see Viewing Reallocations fields explained on page 1.

Viewing expired

The Expired filter contains a view of Reallocation requests that have expired.

To view expired Reallocations:

1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.
2. Click **Expired**.



3. The Expired Reallocation grid displays.
4. Click the Reallocation ID to view the details of the Reallocations request.

You can also:

Sort columns by ascending or descending order, click the arrows beside any of the column headings.

By default, the rows are sorted by last changed.

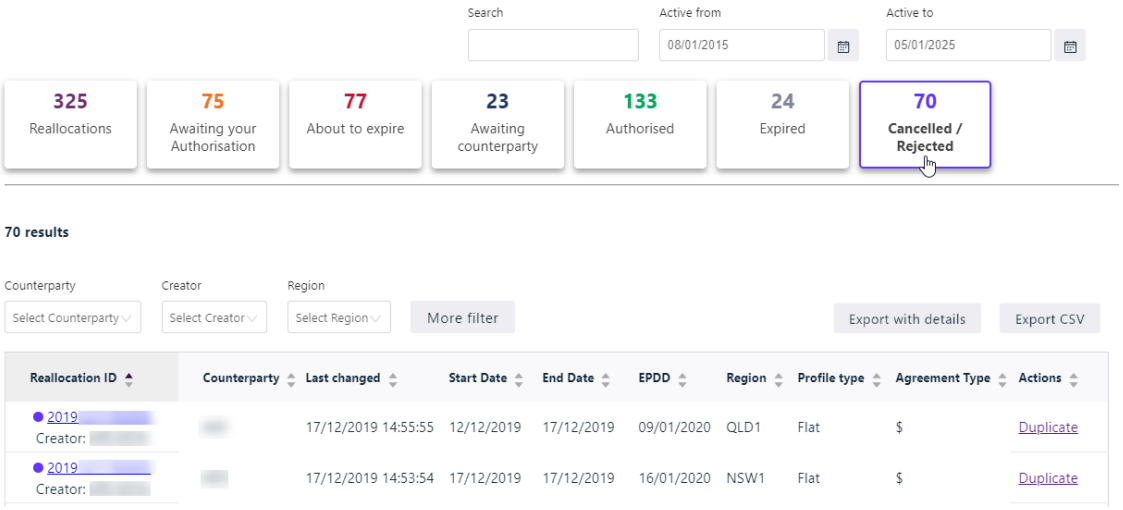
For an explanation of the fields, see Viewing Reallocations fields explained on page 1.

Viewing cancelled or rejected

The Cancelled/Rejected filter contains a view of Reallocation requests that were cancelled or rejected.

To view cancelled or rejected Reallocations:

1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.
2. Click **Cancelled/Rejected**.



3. The Cancelled or Rejected Reallocation grid displays.
4. Click the Reallocation ID to view the details of the Reallocations request.

You can also:

Sort columns by ascending or descending order, click the arrows beside any of the column headings.

By default, the rows are sorted by last changed.

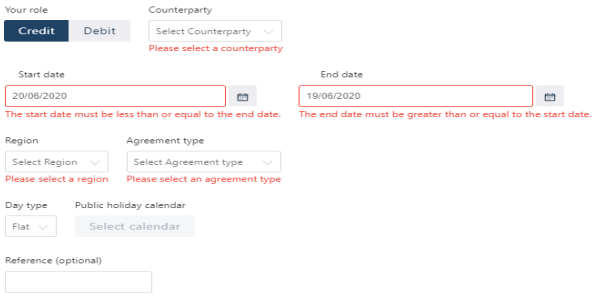
For an explanation of the fields, see Viewing Reallocations fields explained on page 1.

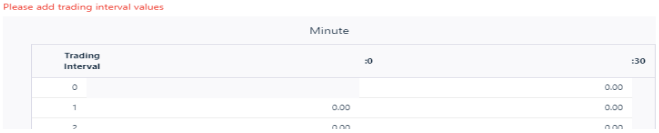
Chapter 3 Creating Reallocations

About creating Reallocations

When you create a Reallocation, you submit it to AEMO. At this stage, it is not taken into account for Settlements. Your Counterparty must authorise it and Reallocations must accept it before the Reallocation is included in settlement calculations.

Before accepting final submission, Reallocations checks your new Reallocation is valid. If you see a validation message after clicking submit it may be because there is a problem with the data in the form. To help you prepare your data correctly, this section explains the fields in the Reallocation form. If the system finds an invalid entry, an appropriate validation message (in orange text) provided. In this case, you must change your Reallocation details according to the validation message and submit your Reallocation again. Some examples of validation messages are:

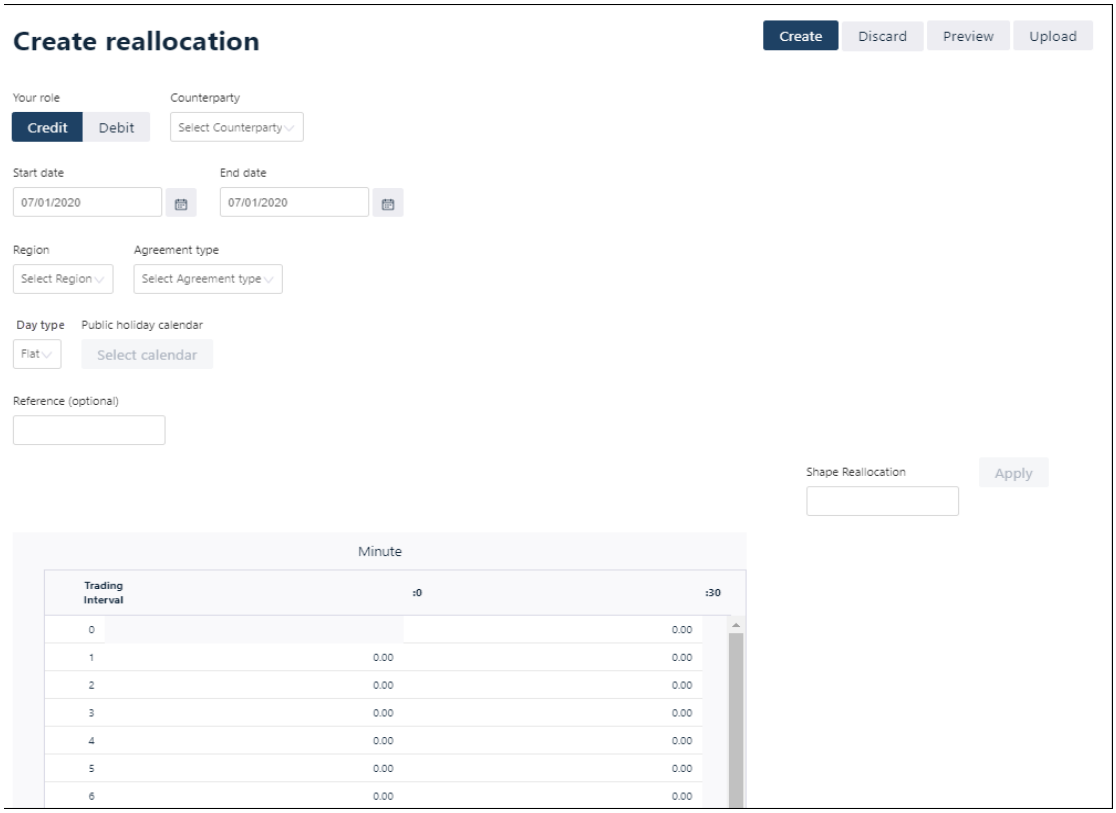




You can create a Reallocation in two ways:

- Type the Reallocation details directly into the Reallocations interface, see Trading Intervals and Values on page 37.
- Create and upload a file to automatically fill in the Reallocations interface, see Trading Intervals and Values on page 37.
  This option allows easier entry of Reallocations that occur repeatedly (for example, each billing week).

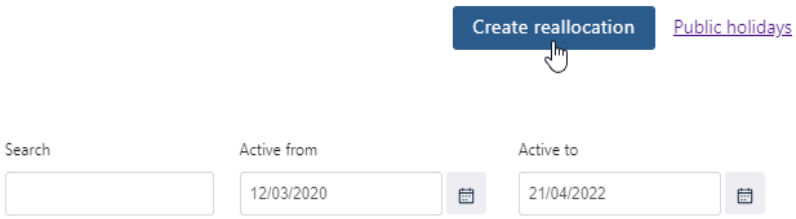
Figure 6 Create a Reallocation interface



Enter a Reallocation

To enter a Reallocation directly to the interface:

1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.
2. Click **Create Reallocation**.



3. In the Create Reallocation interface, complete the fields as described below.

Depending on whether your start date and end date are before or after July 1, 2021, you see 48 or 288 trading intervals.

Figure 7 30-minute interval - 48 trading intervals

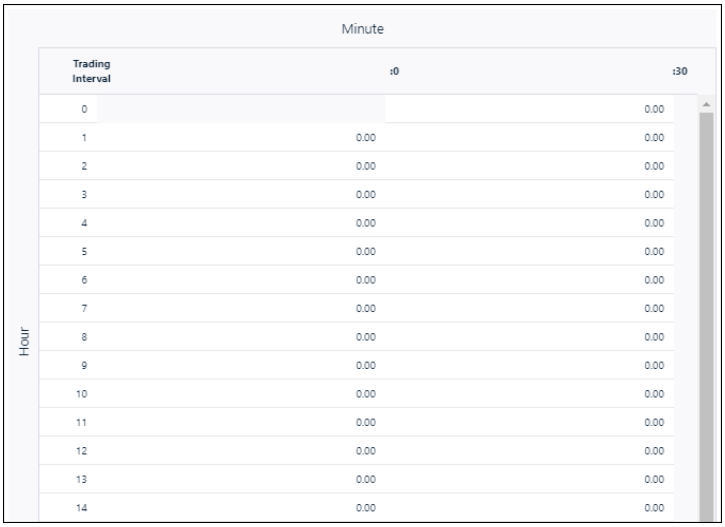
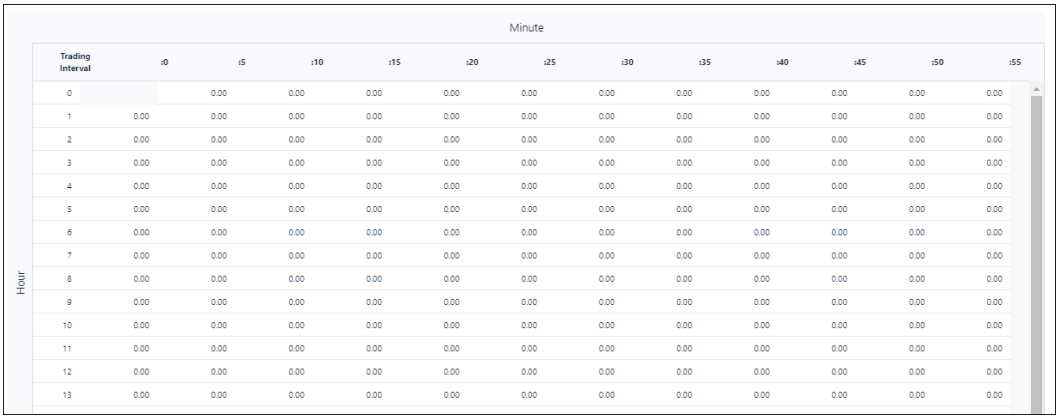


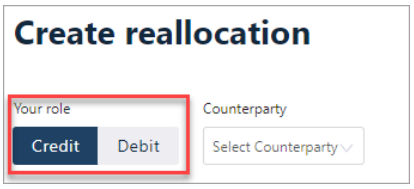
Figure 8 5-minute interval - 288 trading intervals



Reallocation Role

This must be either credit or debit, depending on your role in the agreement with your Counterparty.

To select your role, click the radio button for either Credit or Debit.

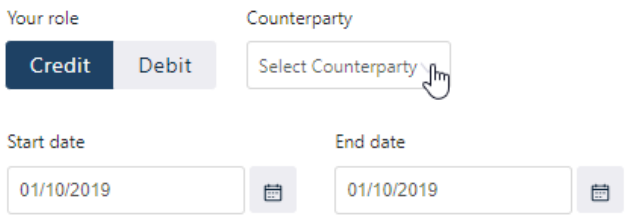


Counterparty Participant ID

This must be the participant ID of a company registered with AEMO for participation in the market, and for participation in Reallocations. It cannot be the same as the participant ID attached to the user ID of the person creating the Reallocation (in other words, you cannot create a Reallocation and nominate your own company as the Counterparty).

To select a Counterparty Participant ID, click the drop-down arrow and select from the list of participants.

You can also type the participant ID to filter the list of participants.

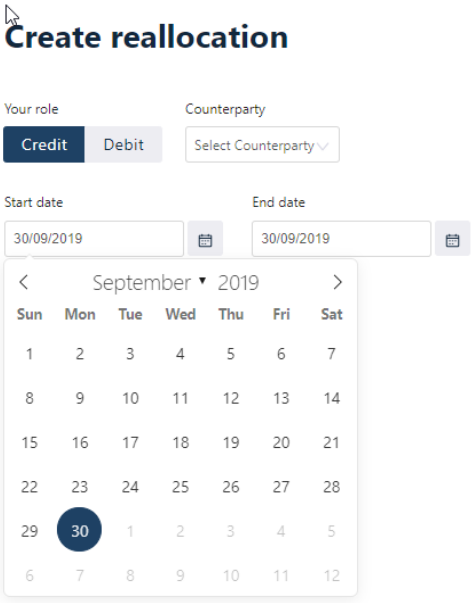


Start Date

As outlined in the Reallocation Procedures, your Reallocation requests must comply with the Settlements Calendar on AEMO's website. If your start date does not conform to these rules, your Reallocation is rejected.

To select a start date, do one of the following:

- Click the calendar icon to select the Start Date from the pop-up calendar.
- Type the date in dd/mm/yyyy format, for example, 12/01/2010 (use four numbers for the year).



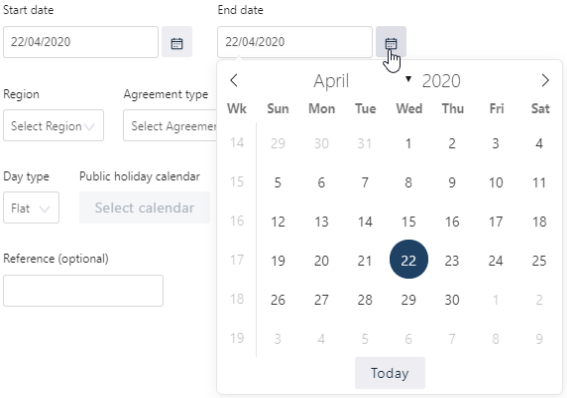
End Date

The End Date cannot be earlier than the start date. It can however, be the same date for a one-day Reallocation.

To select an End Date, do one of the following:

- Click the calendar icon to select the End Date from the pop-up calendar.
- Type the date in dd/mm/yyyy format, for example, 12/01/2010 (use four numbers for the year).

For a further explanation of the start dates required for Ex Ante and Ex Post Reallocations, see What is a Reallocation? on page 1.

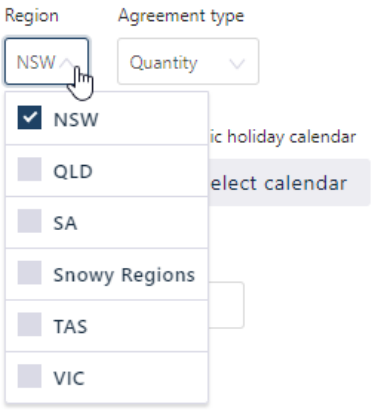


Reference Region ID

If the **agreement type** is:

- **Quantity (MWh energy)**: select a valid NEM region.
- **Dollar ($)**: choose your company's region.
- **Cap (CAP)**, **floor (FLOOR)**, or **swap (SWAP)**: select a valid NEM region.

The following message displays if you enter a start date later than the end date.



The Reference Region ID must be entered for dollar Reallocation requests, but is not used in determining the resulting settlement transactions.

To select a Reference Region ID, click the drop-down arrow and select a region from the list.

Agreement Type

The **agreement type** specifies the type of the Reallocations Request, this must be either a **dollar** ($), **cap** (CAP), **floor** (FLOOR), **quantity** (MWh energy), or **swap** (SWAP) value.

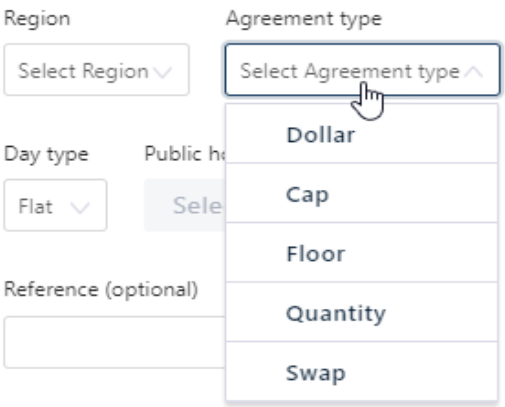
Cap, floor, and swap agreement types are only available to *market customer*, *market generator*, or MNSP participant categories.

If the **agreement type** is:

- **Dollar ($)**, the values entered for the Reallocation are direct dollar amounts. The dollar amount is applied for the respective trading interval for each day of the Reallocation. Normally only a single dollar value is specified in the first trading interval.
- **Quantity (MWh)**, the values entered for the Reallocation are quantity (MWh) values. To determine the transaction amount, the quantity value is multiplied by the regional reference price for the region selected, for each trading interval.

- **Cap (CAP)** the values entered for the Reallocation are quantity (MWh) values and price ($/MWh) values. To determine the transaction amount the quantity value is multiplied by the difference between the five-minute regional reference price (where this price is greater than the Reallocation price) and the Reallocation price.
- **Floor (FLOOR)** the values entered for the Reallocation are quantity (MWh) values and price ($/MWh) values. To determine the transaction amount the quantity value is multiplied by the difference between the five-minute regional reference price (where this price is lower than the Reallocation price) and the Reallocation price.
- **Swap (SWAP)** the values entered for the Reallocation are quantity (MWh) values and price ($/MWh) values. To determine the transaction amount the quantity value is multiplied by the difference between the five-minute regional reference price and the Reallocation price.

To select an **agreement type**, click the drop-down arrow and select from the list.



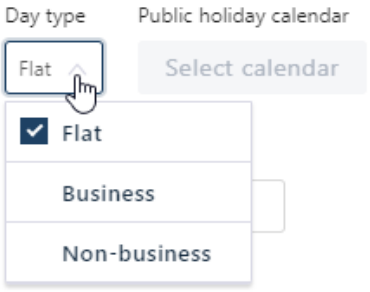
Depending on your agreement, you may only see a subset of the Agreement types.

Day Type

The day type can be flat, business, or non-business. It determines whether the Reallocation is applied to:

- **Flat** - all days in the Reallocation period.
- **Business** - weekdays from Monday to Friday that are not public holidays.
- **Non-business** - Saturdays, Sundays and public holidays listed in the Settlements Calendar.

To select a DayType, click the drop-down arrow and select a type from the list.



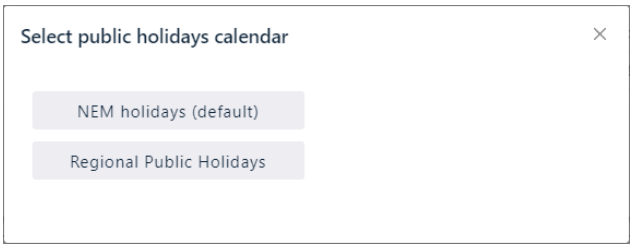
Public Holiday Calendar

To select a Public Holiday Calendar, click on Select Calendar.

In the pop-up, Select public holidays calendar window, select the public holiday calendar you want.

The list of calendars is displayed based on the dates and region selected.

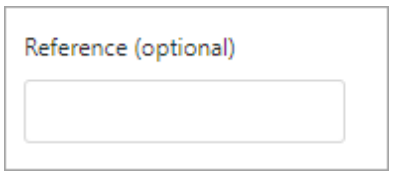
The Public Holiday button is only active if the Day type is Business or Non-business.



Reference

This field is not validated by the system. It is optional and has no restrictions on format or content. As long as the size limit is within 70 characters, you can use any format of text and/or characters for this reference. You can use the field to record your own company reference or ID number for the Reallocation. Using your own ID system for Reallocations can make it faster to identify them.

To enter a reference, click on the Reference field and enter your reference ID in text, numbers, or a combination of both.

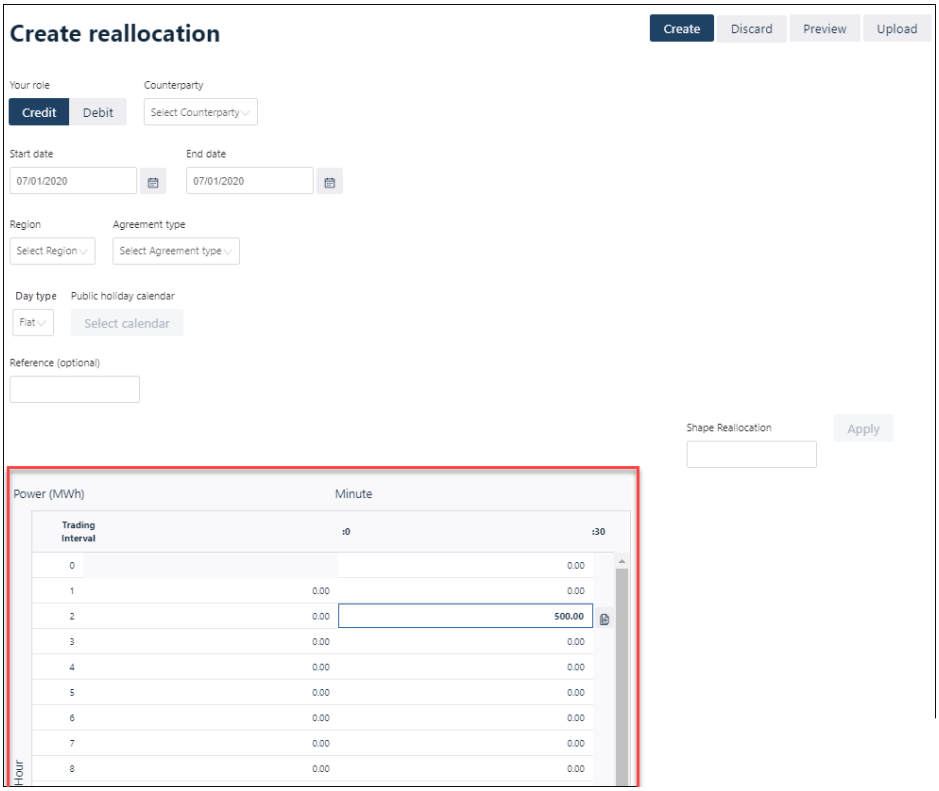


Trading Intervals and Values

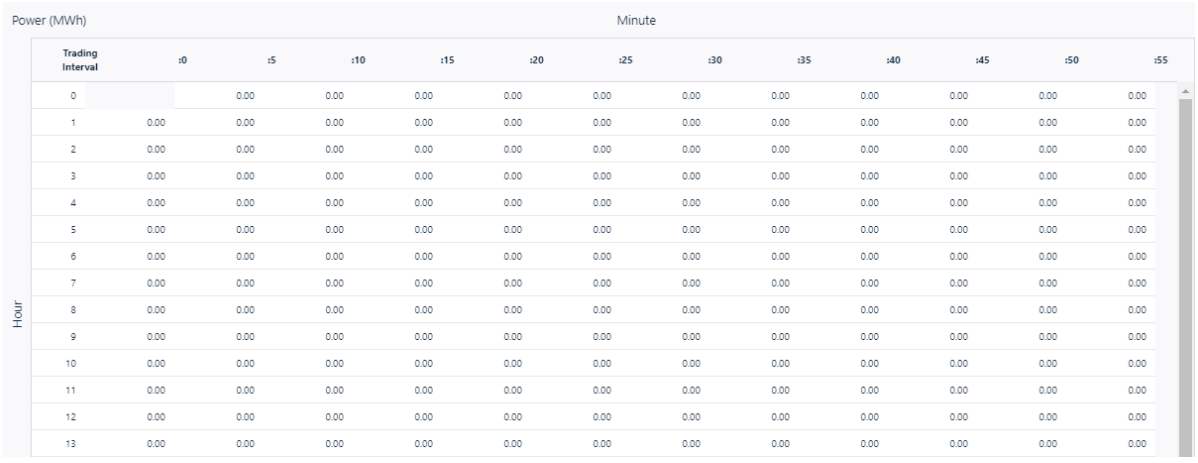
The column headings displayed in the lower part of the interface depend on what you selected for the agreement type. There must be a value recorded for each of the 48 or 288 trading intervals. The value can be zero, but it must be present.

The grid now represents the trading intervals. The rows represent the hours in trading interval times and the columns represent the minutes. This allows you to span 48 or 288 intervals.

With 30-minute intervals the columns are for :00 and :30. As an example, in the image below, the value of 500MWh for trading interval ending at 02:30.

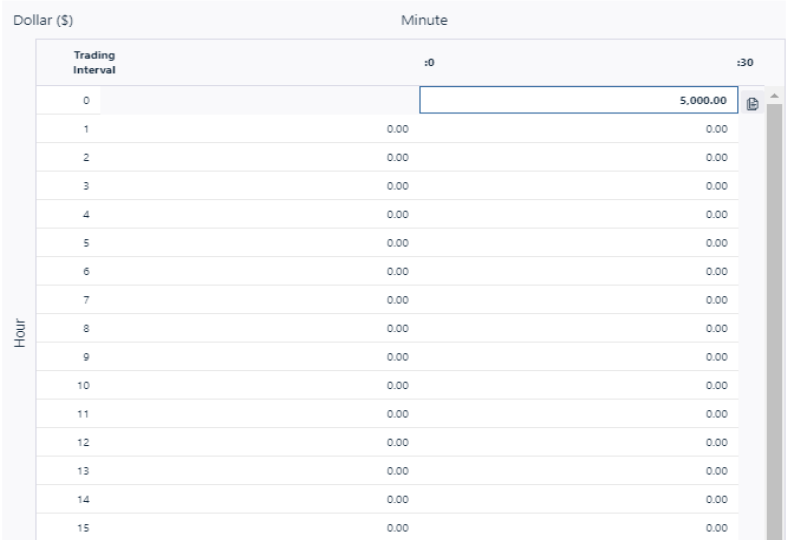


With five-minute intervals the columns span from :00 to :55. So the first row represents the five minute intervals between 00:05 am to 00:55 am. The second row represents 1:00 am to 1:55 am and so on.



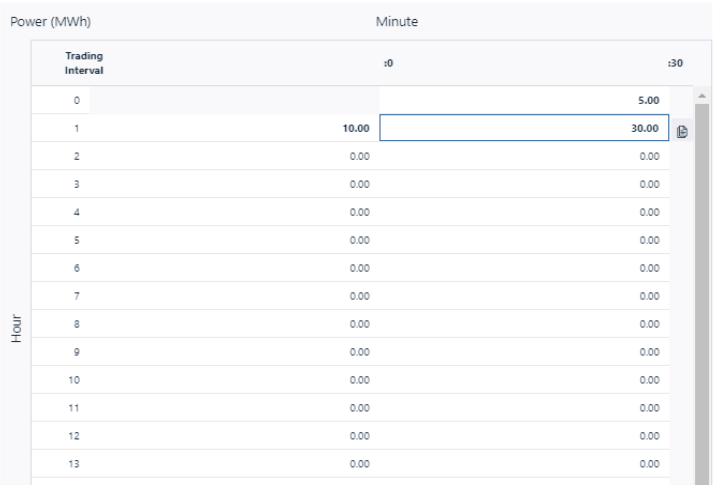
Creating a dollar Reallocation

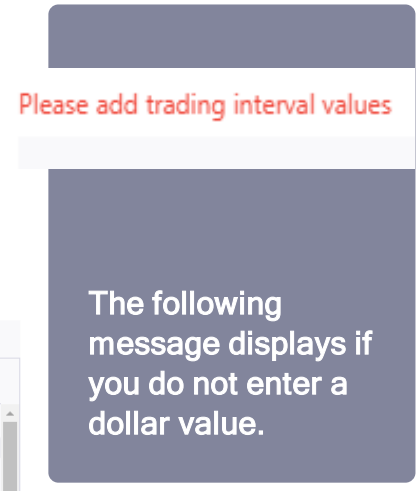
If you are creating a **dollar** ($) Reallocation, you do not need to distribute the dollar amount over all 48 intervals; you can enter the total amount for the day in the **Dollars** column for the first *trading interval* and by default, all other **Dollar** fields are zero.



Creating a quantity Reallocation

If you are creating a quantity (MWh **energy**) Reallocation, update the trading intervals with the required values and leave the other intervals with the default value of 0.00 for each **Quantity** (MWh) field.

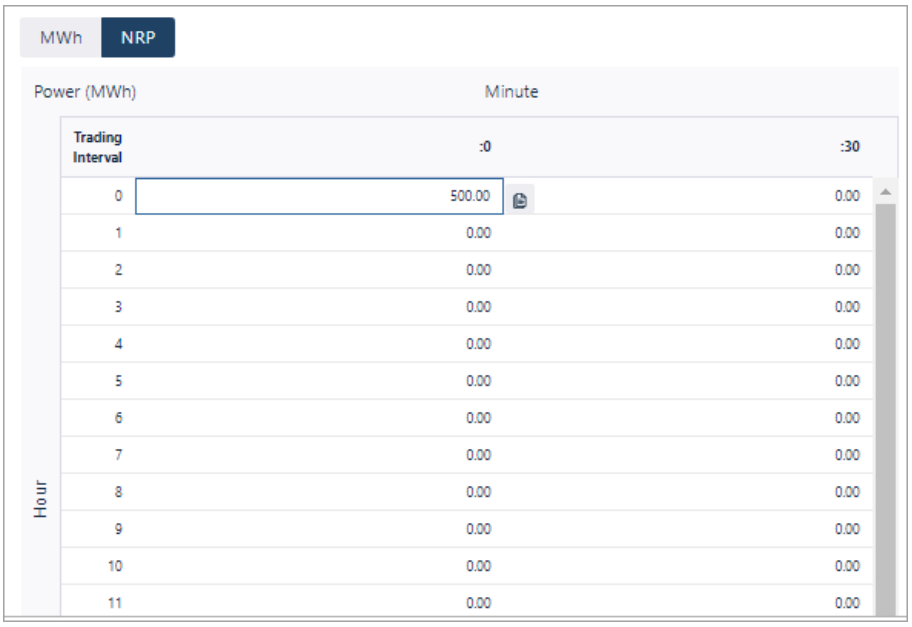




The following message displays if you do not enter a dollar value.

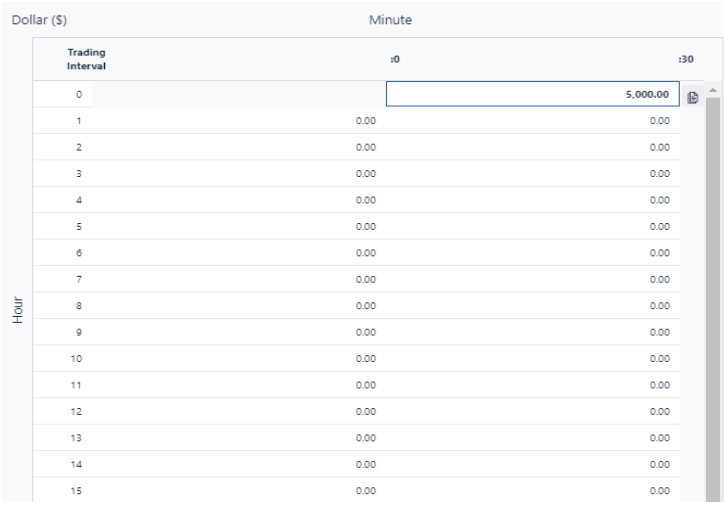
Creating cap, floor, and swap Reallocations

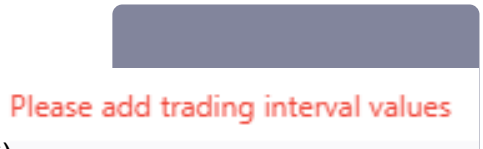
If you are creating **cap** (CAP), **floor** (FLOOR), and **swap** (SWAP) Reallocations they require a Quantity (MWh) and a Nominated Price for each interval. You can have zero MWh but not a zero Nominated Price.



Entering values

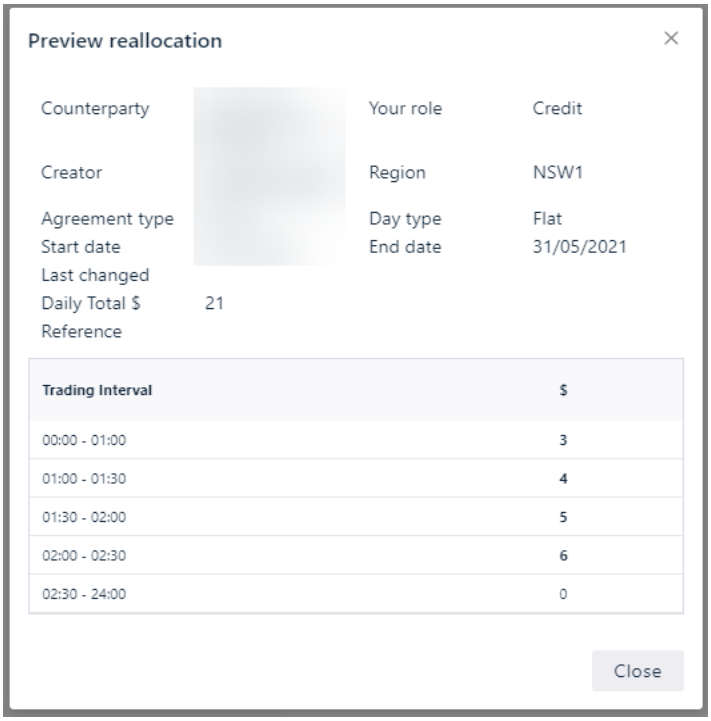
To enter values, click each required field and enter the value in whole dollars or quantity amounts (the example below is for a **dollar** ($) **agreement type**).





The following message displays if you enter a zero nominated price.

4. Click **Preview** to view the consolidated Reallocation details.

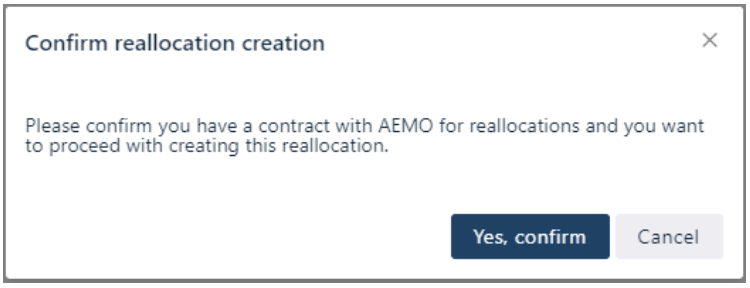


This displays **Preview reallocation** screen with the details selected.

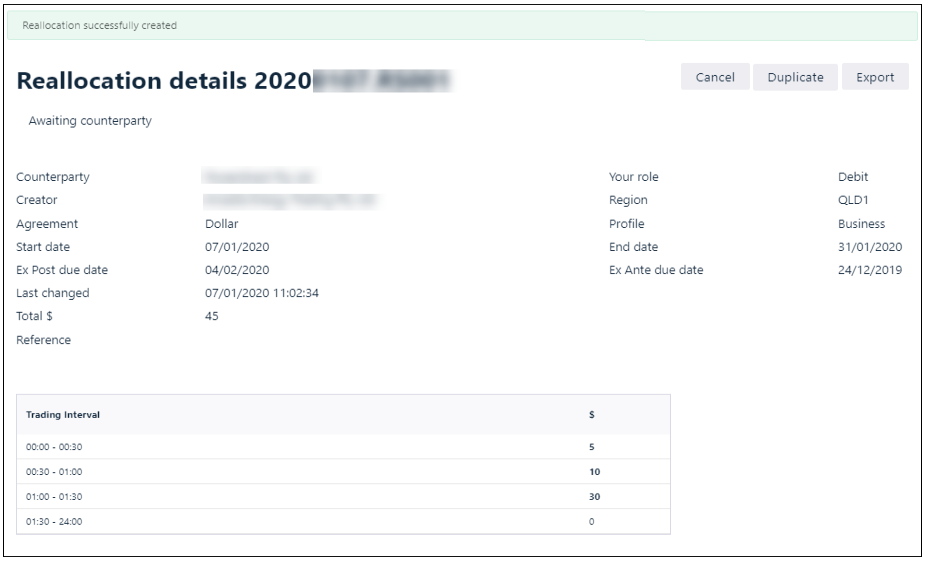
6. The Reallocation is validated; you may see a validation message or the details of your Reallocation for review. If you see a validation message, change your Reallocation details according to the validation message.

7. Click **Create** to create your Reallocation.

8. Review the Reallocation details and under Create Reallocation, confirm there is a contract that underpins this Reallocation, and then click **Yes, confirm**.



9. After successful submission of your Reallocation, the Reallocation details screen with the Reallocation ID and the Awaiting Counterparty status is displayed. Your Counterparty sees the new Reallocation the next time they log in or refresh their screen, see Viewing awaiting counterparty on page 25.



Possible actions are:

- Click **Cancel** to cancel the Reallocation request from being processed by AEMO and sent to the counterparty.
- Click **Duplicate** to create another Reallocation with the same details.
- Click **Export** to download the csv file.

Create and upload a file

To create and upload a file, it is helpful if you first read Enter a Reallocation on page 31, so you can see the layout of the data in the Web Portal. Later in this section, there are examples of the format and order of presentation that you must use when setting up your file.

If you see this message "This transaction is not permitted as it will cause a breach of your Trading Limit" you cannot submit the Reallocation at this time. This message advises you the Reallocation you are submitting is not allowed for prudential reasons. You must change your Reallocation accordingly or contact AEMO's support hub, supporthub@aemo.com.au.

To create your Reallocation using a csv file:

1. Create the file
2. Upload to Reallocations

Creating the csv file

There are three ways to create your csv file, you can:

1. Download an existing Reallocations record. This is the easiest way to create your .csv file, see Download an existing Reallocations record below.
2. Download a template, see Download a template on the next page.
3. Create it from scratch, see Create a CSV file on page 46.

Download an existing Reallocations record

To download an existing reallocation transaction:

1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.
2. Click any of the menu options - Reallocations, Awaiting authorisation, About to expire, Awaiting counterparty, Authorised, Expired, Cancelled/Rejected.

You can also use this option to download your Reallocation data for use in another application.

3. Select to open an existing Reallocations request.

4. Click Export to download and save all details from an existing Reallocation request.

5. Change the data in the spreadsheet according to the format in Enter the CSV data on page 46.

6. Save your file (name it whatever you like) and follow the instructions to Upload the CSV file on page 49.

Download a template

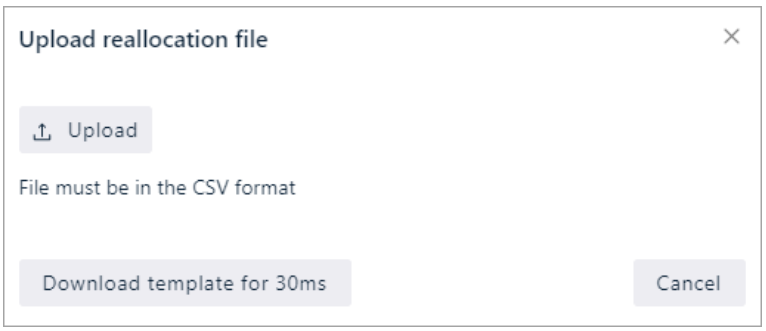
To download a template:

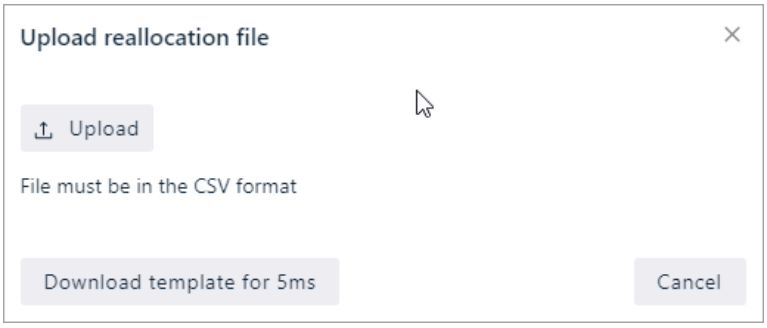
1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.

2. Click **Create reallocation** on the Reallocations home page.

3. On the Create reallocation screen, click **Upload**.

4. The Upload Reallocation file screen displays:





   - If you have an existing csv file, click Upload, select the file from File Explorer and click Open to automatically load values for your Reallocation request.
   - Depending on whether the start and end dates you have entered for the Reallocation request are after or before the commencement of the 5MS rule change date, the Upload pop-up window displays the option to either Download template for 5ms or Download template for 30ms .

     The primary difference between the two templates is:
     - **Download template for 5ms** has Period IDs spanning from 1 to 288.
     - **Download template for 30ms** has Period IDs spanning from 1 to 48.

5. The data is automatically entered in the template according to the criteria you select, for help, see Enter a Reallocation on page 31.

6. Enter your data in the spreadsheet according to the format in Create a CSV file on the next page.

7. Save your file (name it whatever you like) and follow the instructions to Upload the CSV file on page 49.

Create a CSV file

To create your CSV file:

1. Create the file in spreadsheet format as described in Figure 9 belowCreate a CSV file above

2. Enter the Reallocation data, see Enter the CSV data below and save your file (name it whatever you like).

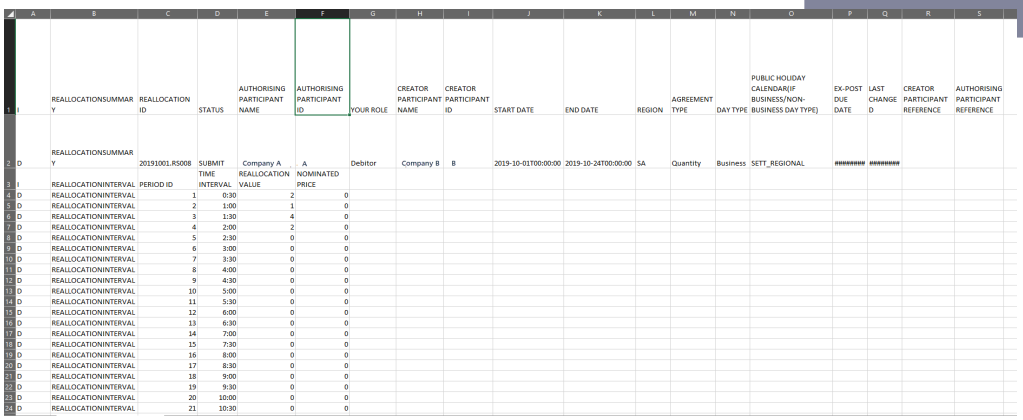
3. Upload the file to Reallocations, see Upload the CSV file on page 49.

In the spreadsheet format, it is very important to match the columns. The blank sections are vital placeholders and without them, Reallocations cannot read your file. You must include data in the columns exactly as shown in Create a CSV file; otherwise, your file is not accepted. Cells highlighted in green are where you enter the data, for help see Create a CSV file above.

The example in Figure 1 on page 1 is cut at 21 trading intervals but you must supply data for each of the 48 or 288 trading intervals.

Figure 9 Creating a spreadsheet example

You can also create your .CSV file in plain text file format (Notepad etc.). In the plain text format, it is very important to match the commas.



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	I	REALLOCATIONSUMMARY	REALLOCATIONID	STATUS	AUTHORISINGPARTICIPANTNAME	AUTHORISINGPARTICIPANTID	YOUR ROLE	CREATORPARTICIPANTNAME	CREATORPARTICIPANTID	START DATE	END DATE	REGION	AGREEMENTTYPE	DAY TYPE	PUBLIC HOLIDAYCALENDAR(IFBUSINESS/NON-BUSINESS DAY TYPE)	EX-POSTDUEDATE	LASTCHANGED	CREATORPARTICIPANTREFERENCE	AUTHORISINGPARTICIPANTREFERENCE
2	D	REALLOCATIONSUMMARY	20191001.RS008	SUBMIT	Company A	A	Debitor	Company B	B	2019-10-01T00:00:00	2019-10-24T00:00:00	SA	Quantity	Business	SETT_REGIONAL	########	########		
3	I	REALLOCATIONINTERVAL	PERIOD ID	TIMEINTERVAL	REALLOCATIONVALUE	NOMINATEDPRICE													
4	D	REALLOCATIONINTERVAL	1	0:30	2	0													
5	D	REALLOCATIONINTERVAL	2	1:00	1	0													
6	D	REALLOCATIONINTERVAL	3	1:30	4	0													
7	D	REALLOCATIONINTERVAL	4	2:00	2	0													
8	D	REALLOCATIONINTERVAL	5	2:30	0	0													
9	D	REALLOCATIONINTERVAL	6	3:00	0	0													
10	D	REALLOCATIONINTERVAL	7	3:30	0	0													
11	D	REALLOCATIONINTERVAL	8	4:00	0	0													
12	D	REALLOCATIONINTERVAL	9	4:30	0	0													
13	D	REALLOCATIONINTERVAL	10	5:00	0	0													
14	D	REALLOCATIONINTERVAL	11	5:30	0	0													
15	D	REALLOCATIONINTERVAL	12	6:00	0	0													
16	D	REALLOCATIONINTERVAL	13	6:30	0	0													
17	D	REALLOCATIONINTERVAL	14	7:00	0	0													
18	D	REALLOCATIONINTERVAL	15	7:30	0	0													
19	D	REALLOCATIONINTERVAL	16	8:00	0	0													
20	D	REALLOCATIONINTERVAL	17	8:30	0	0													
21	D	REALLOCATIONINTERVAL	18	9:00	0	0													
22	D	REALLOCATIONINTERVAL	19	9:30	0	0													
23	D	REALLOCATIONINTERVAL	20	10:00	0	0													
24	D	REALLOCATIONINTERVAL	21	10:30	0	0													

Enter the CSV data

The asterisks (*) identify mandatory data only; do not include the asterisk in your file.

For help formatting .CSV files see, AEMO CSV Data Format Standard.

Label	What You Enter	Validation
AUTHORISING PARTICIPANT ID*	The **participant ID** of the company authorising the Reallocation request.	A valid **participant ID** having executed a Letter of Agreement with AEMO
YOUR ROLE*	The role of the Company creating the Reallocation request. Valid options are: • Credit • Debit	
START DATE*	The date of the first trading interval to which the Reallocation applies. The START DATE must be in the form: dd/mm/yyyy e.g. 01/10/2016.	Constraints on what the STARTDATE can be are explained in Ex ante Reallocation on page 10, Ex post Reallocation on page 11, and in the Reallocation Procedures.
END DATE*	The date of the last trading interval to which the Reallocation applies. The END DATE must be in the form: dd/mm/yyyy e.g. 01/10/2016.	Constraints on what the ENDDATE can be are explained in Ex ante Reallocation on page 10 and Ex post Reallocation on page 11.
REGION*	An identifier representing a market region. Valid **region ID**s are: • NSW1 • QLD1 • SA1 • TAS1 • VIC1 For quantity(**energy**), **cap**, **floor**, and swap **agreement types**, enter the source region for the Regional Reference Price to be applied. For **dollar agreement types**, enter your company's region.	A valid market **region ID**
AGREEMENT TYPE*	The **agreement type** is the trading amount, this must be either: $ CAP	A valid **agreement type**

Label	What You Enter	Validation
	FLOOR MWh SWAP **Cap**, **floor**, and **swap agreement types** are only available to participants who have signed the Swap and Option Offset Reallocations Letter of Agreement.	
DAY TYPE* (Profile Type)	Specifies the trading intervals to which the Reallocation applies. Daytypes are: • **Flat** - all days in the Reallocation period. • **Business** - weekdays from Monday to Friday that are not public holidays. • **Non-business** - Saturdays, Sundays and public holidays listed in the Settlement Calendars.	Must be a valid daytype
PUBLIC HOLIDAY CALENDAR	Applies if a Reallocation request is for Business or Non-Business days. Displays a list of calendars available for the selected region.	
CREATOR PARTICIPANT REFERENCE	An optional Reference the creating party can include in order to search this request in the future.	

For each of the 48 half-hour or 288 five-minute intervals in the day you must specify the following:

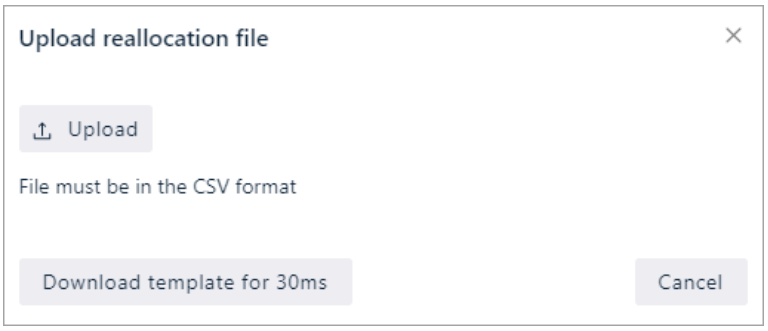
Label	What You Enter	Validation *
PERIOD ID* (1-48) or (1-288)	This is the number of the relevant trading interval. For example, if the interval is 0:00 to 0:30, its Period ID is 1. If the interval is 16:00 to 16:30, its Period ID is 32.	There must be 48 or 288 periods specified.

Label	What You Enter	Validation *
TIME INTERVAL*	This is the Trading Interval ending time for each period ID.	
REALLOCATION VALUE* (1-48) or (1-288)	The Reallocation values to be credited or debited for each Period ID. If the value is zero, you must enter a zero and not leave the field blank. If the **agreement type** is: • **$** the values are direct dollar amounts. The dollar amount is applied for the respective trading interval for each day of the Reallocation. Normally only a single dollar value is specified in the first trading interval. • **CAP** the values are quantity (MWh) values and price ($/MWh) values. • **FLOOR** the values are quantity (MWh) values and price ($/MWh) values. • **MWh**, the values entered for the Reallocation are quantity (MWh) values. • **SWAP** the values are quantity (MWh) values and price ($/MWh) values.	Must be a number with up to five decimal places for each of the 48 or 288 periods. Any values with more than five decimal places will be truncated.
NOMINATED PRICE*	This field is the nominated price (**strike price**) and is mandatory for **cap**, **floor**, and **swap** Reallocations.	Must be a number with up to five decimal places for each of the 48 or 288 periods. Any values with more than five decimal places will be truncated.

Upload the CSV file

1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.
2. Click **Create a Reallocation**.
3. On the Create Reallocation screen, click **Upload**.

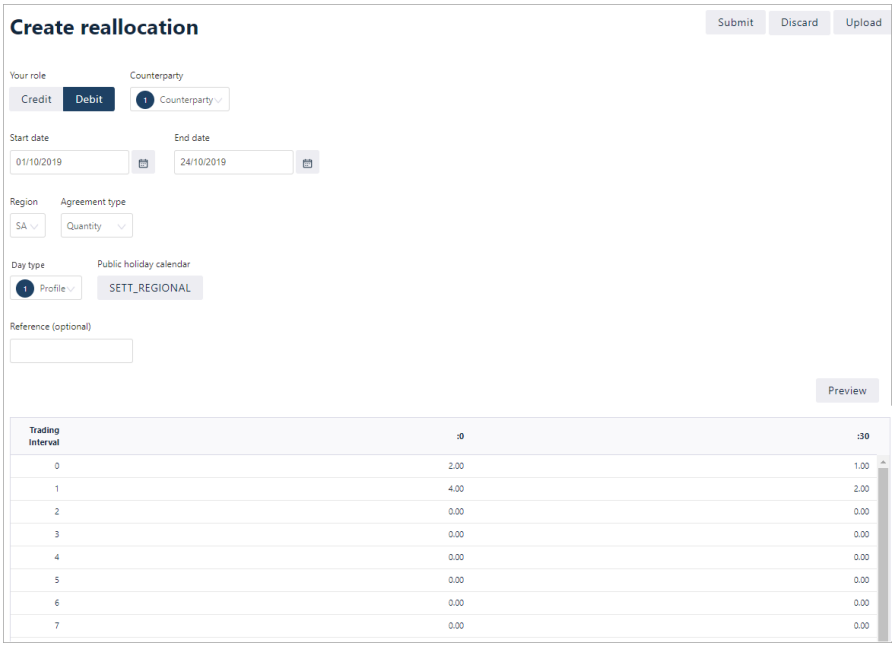
4. The Upload Reallocation screen displays, click **Upload**, locate the file on your computer, and then click **Open**.



5. The Create a Reallocation screen displays with data from your file uploaded to the Reallocation form. Check your entries and make any necessary changes in the interface.

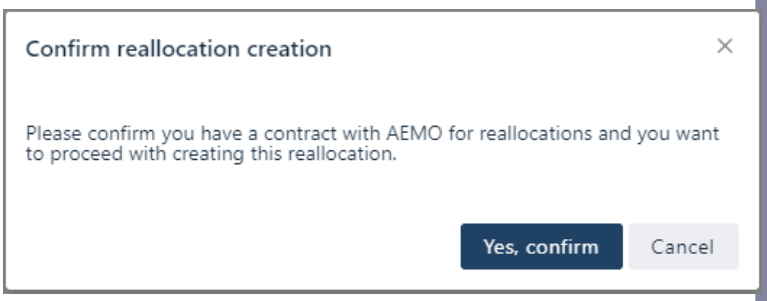
   Cap, **floor**, and **swap agreement types** are only available to participants who have signed the Swap and Option Offset Reallocations Letter of Agreement.

   If the agreement type in your file is not valid for your participant type, it defaults to Dollar ($).



6. Click **Submit**.

7. The Confirm reallocation creation screen displays. Review the Reallocation details and click **Yes, confirm** to complete the Reallocation.



9. You are returned to the Create a Reallocation screen. The new Reallocation displays in the Awaiting Counterparty Authorisation menu. Your Counterparty sees the new Reallocation the next time they log in or refresh their screen.

If there is a problem with the data or the format of your file, a validation message similar to the one below displays. Fix your file and upload it again. For help see, Enter a Reallocation on page 31 or the Guide to AEMO Data Format Standard.

Chapter 4 Authorising Reallocations

About authorising Reallocations

If you are the Counterparty to a Reallocation, the submitting company notifies you when a Reallocation is available for authorisation. Before the Reallocation can come into effect, you must authorise it. Before authorising, check the submitted details carefully because you must re-confirm them and match the details exactly to what was submitted, otherwise the authorisation is not accepted.

There is one exception to this, and it is the **Reference** field. You can change or add your company's reference for the Reallocation. You cannot alter the other party's reference.

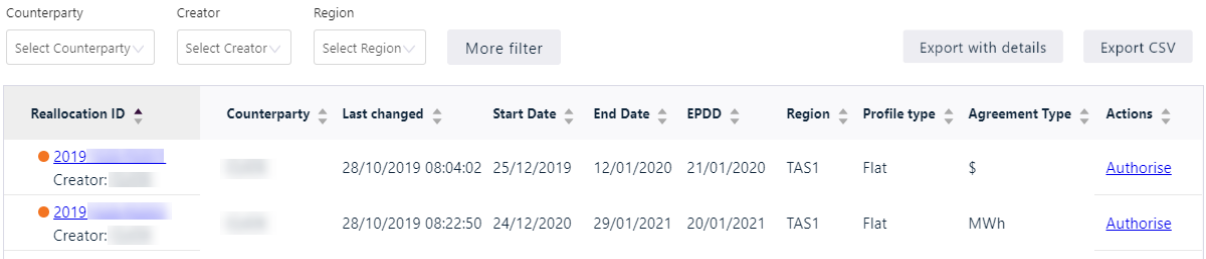
If any details shown on the form are incorrect, you need to contact the submitting party off line and organise for them to correct the details. The submitting party then submits a new Reallocation with the correct details. When the submitting party submits a new Reallocation, be sure to select the new one for authorisation (not the incorrect version).

Authorising a Reallocation

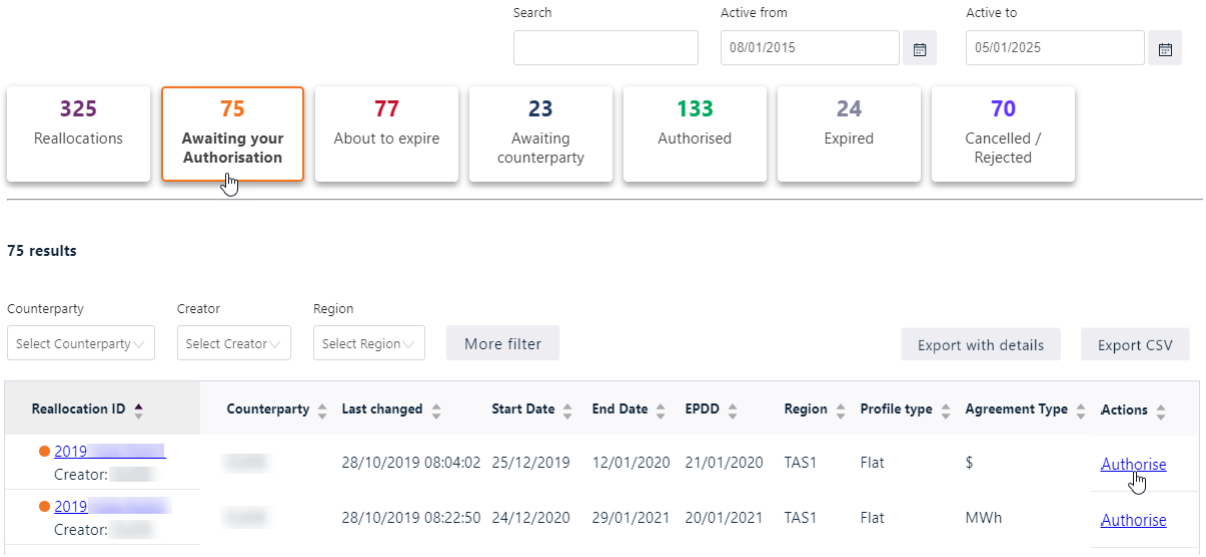
1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.

2. Click **Awaiting your Authorisation**.

3. The screen displays the list of Reallocations submitted by your Counterparties that are not authorised. For an explanation of the fields, see Reallocations fields explained on page 17.

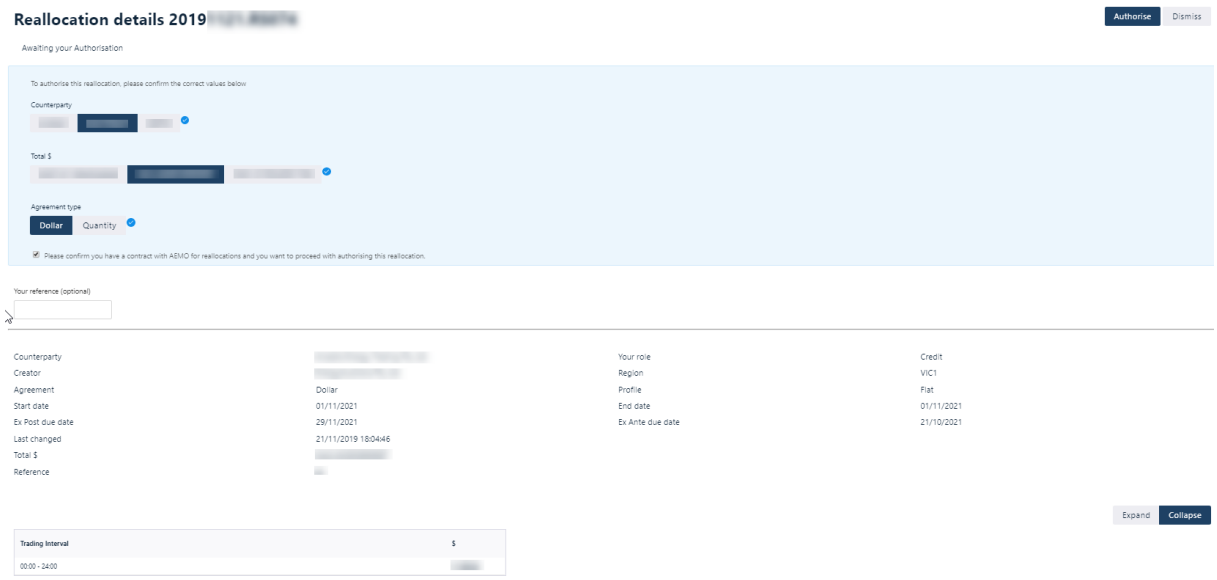


4. Click **Authorise** under the Action column.

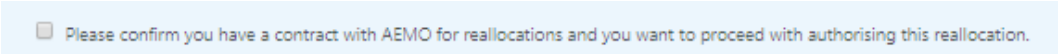


5. The Reallocation details submitted by your Counterparty display. Re-confirm the Reallocation details by selecting the **Counterparty**, **Total MWh** or **Total $**, and the **Agreement type**.

6. When all values are correct, the Authorise button is enabled. Click **Authorise**.

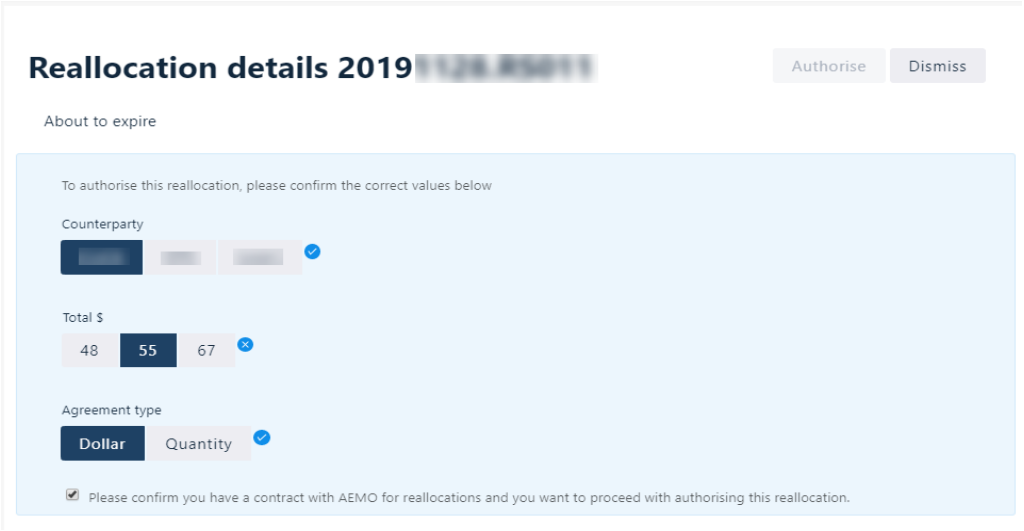


7. Click the confirmation checkbox after you have confirmed the Reallocation details in the Authorise Reallocation interface to confirm the existence of an underlying contract underpinning the Reallocation.



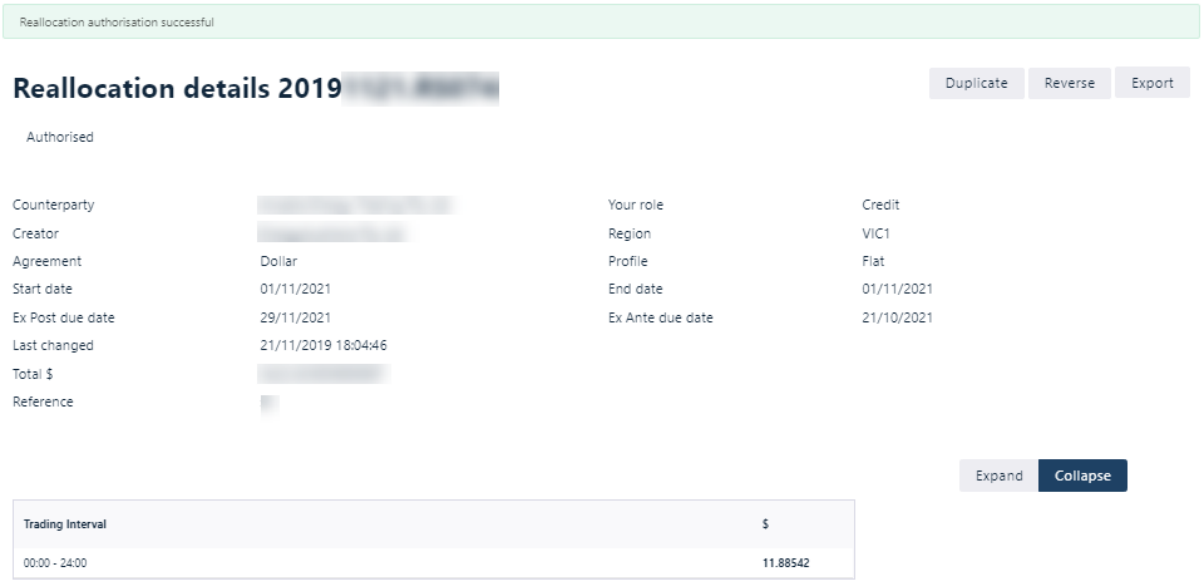
8. The Reallocation is validated.

   If any details do not match the data entered by the submitting Party, you see a small cross beside the incorrect selection. Either adjust your entries and continue or contact your Counterparty to resolve the issue.



   If you see the validation message “You cannot authorise this transaction as it will cause a breach of your Trading Limit”, you cannot authorise the Reallocation at this time. This validation message advises you that the Reallocation being authorised is not allowed for prudential reasons. You must change your Reallocation accordingly or contact AEMO's support hub, supporthub@aemo.com.au.

   A successful authorisation displays the following confirmation.



9. Next, you can:
    - Click **Duplicate** to use the same values to create a new Reallocation.
    - Click **Reverse** to create a Reallocation with values negative of the authorised Reallocation.
    - Click **Export** to download a csv file of the Reallocation details.
    - Use the Settlements menu to select another option.

Chapter 5 Cancelling Reallocations

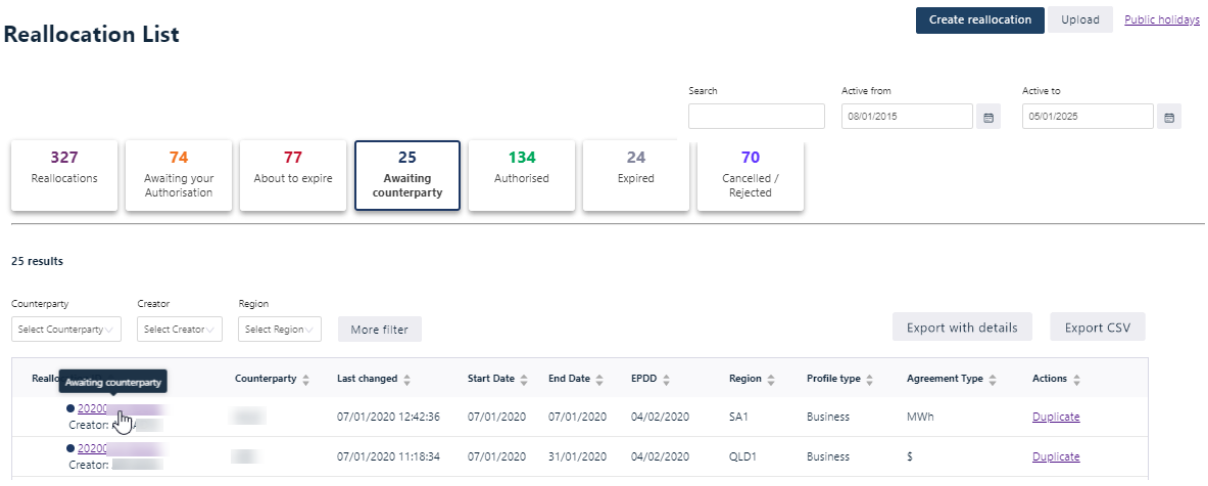
About cancelling Reallocations

Occasionally you may want to cancel (before authorisation), reverse, or override (after authorisation) a Reallocation. Cancelling the Reallocation ensures it does not enter into settlement calculations.

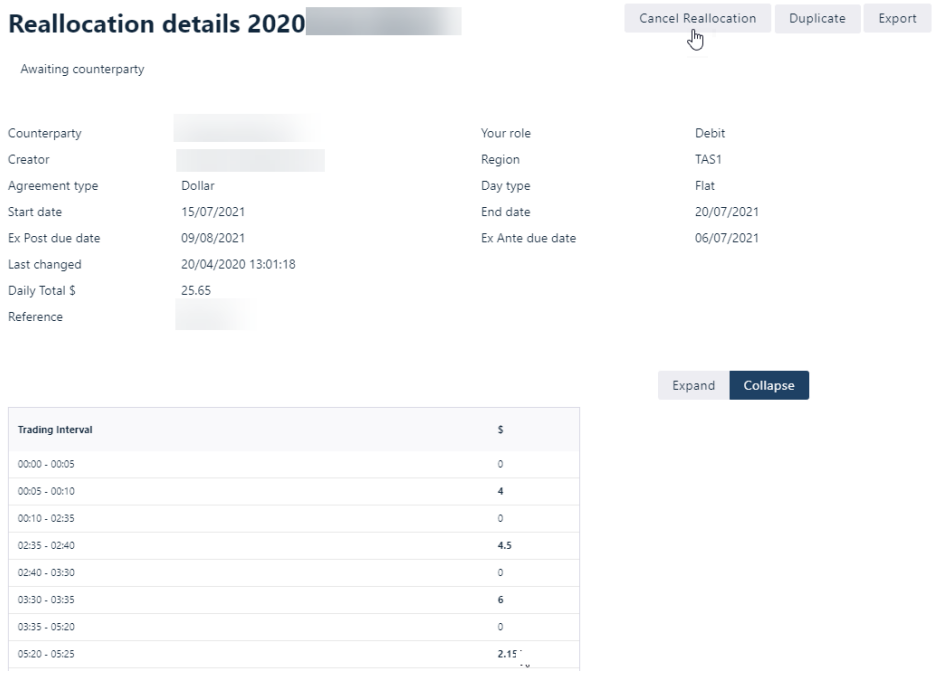
Cancelling an unauthorised Reallocation

1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.
2. Click Awaiting Counterparty.
3. The list of Reallocations awaiting authorisation by the counterparty displays. Click the Reallocation ID to view the Reallocation details.

The Counterparty cannot authorise a Reallocation after it has been cancelled.



4. Review the details and click Cancel to submit the cancellation.



5. Confirmation of the Reallocation cancellation displays and the cancelled Reallocation appears in the Cancelled/Rejected menu, see “Viewing cancelled or rejected” on page 28.

Reversing (cancelling) an authorised Reallocation

The way to cancel an authorised Reallocation is to reverse it, by creating a second negating Reallocation that nets out the first. You can do this in either of two ways:

1. Use the same Reallocation Transaction, using the **Duplicate** option, and reverse the role from Debit to Credit or vice versa. For more information on using the same Reallocation Transaction, see Duplicating a Reallocation on

page 60.

2. Create a new Reallocation using the same details but enter negative amounts for the Quantity (MWh) or Dollar ($) values see Reversing a Reallocation below.

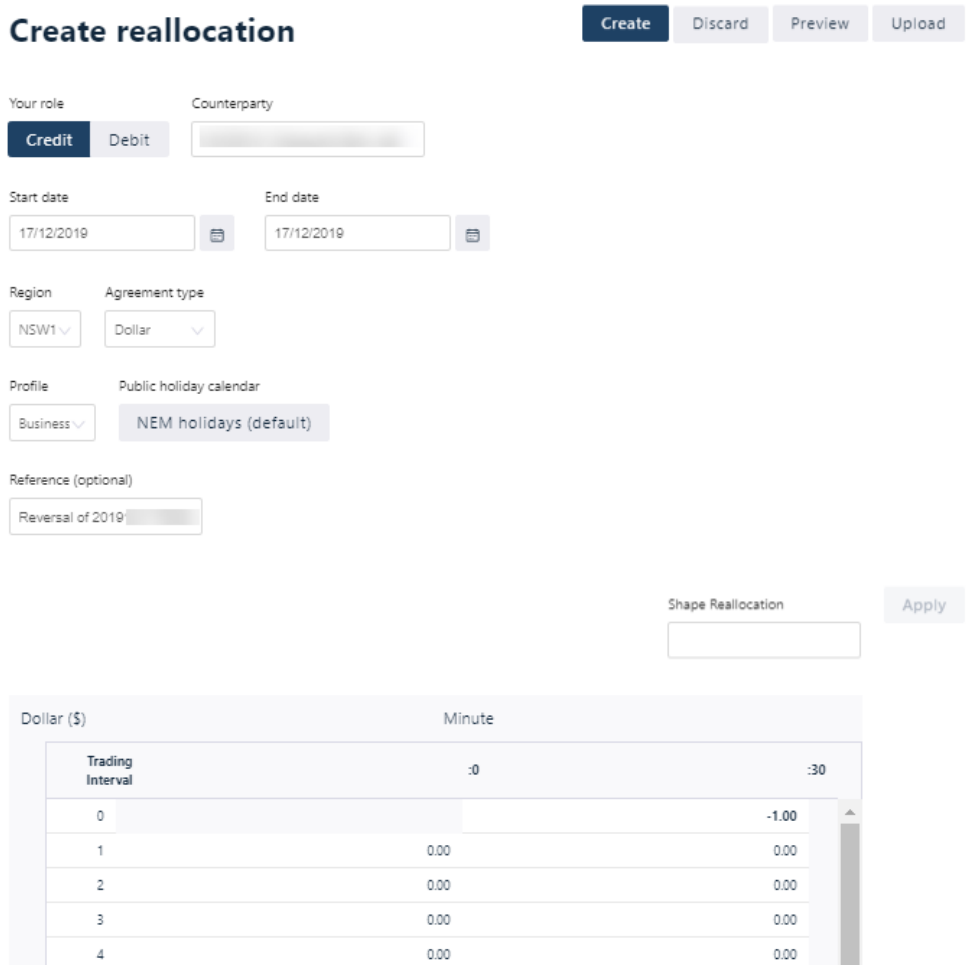
Reversing a Reallocation

1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.

The new Reallocation must be authorised by the Counterparty before it takes effect and is subject to the standard rules set down in the Reallocation Procedures.

2. Find the Reallocation and click **Reverse**.

This creates a new Reallocation with the same details, but the values of the transaction are negated.



3. Click **Create** to create the reverse Reallocation.
    - Click **Discard** to stop reversing the Reallocation Transaction.
    - Click **Upload** to upload the csv file to enter the Reallocation details, see Upload the CSV file on page 49.

4. Confirm creating the reverse Reallocation by confirming you have an underlying contract with AEMO for Reallocations and clicking Yes, confirm.

5. The reversed Reallocation displays on the Reallocations Awaiting Authorisation by the Counterparty menu, see Viewing awaiting counterparty on page 25.

Duplicating a Reallocation

The Counterparty must authorise the new Reallocation for the reversal to take effect.

1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.

2. Find the Reallocation and click **Duplicate**.

This opens the Create reallocation page with the same details.

3. Modify any details for the new Reallocation.

4. Click Create to create the new Reallocation.

    - Click Discard to cancel reversing the Reallocation Transaction.
    - Click Preview to view a summary of the Reallocation.
    - Click Upload to upload the csv file to enter the Reallocation details, see Upload the CSV file on page 1.

5. Confirm creating the Reallocation by confirming you have an underlying contract with AEMO for Reallocations and clicking Yes, confirm.

6. The Reallocation displays on the Awaiting Counterparty menu, see Viewing Awaiting Counterparty on page 1.

Shape a Reallocation

While creating a Reallocation, participants can use a profile or shape of an existing Reallocation to create a new one. With this functionality, the daily amount of energy for a Reallocation is distributed at each trading interval using the proportions applied.

The Counterparty must authorise the new Reallocation for the reversal to take effect.

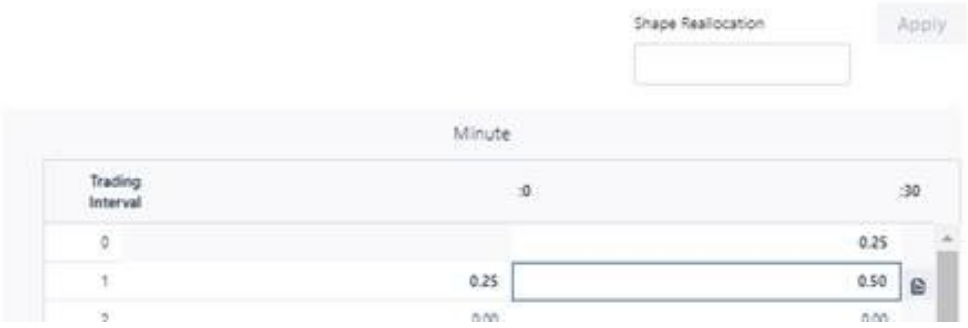
To shape a reallocation, follow these steps:

1. Access Electricity Reallocations, for help, see Access Reallocations on page 1.

2. Find the Reallocation and click **Duplicate**.

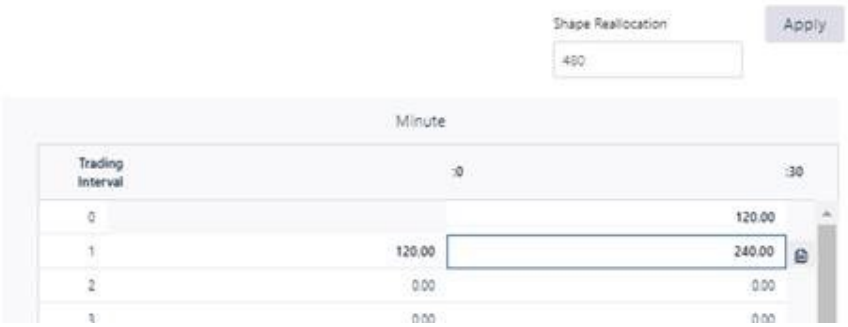
This opens the Create reallocation page with the same details.

3. In the trading interval grid, enter/modify the proportions according to which you want to shape the reallocation request. For example, in the image below, the duplicated reallocation has trading interval 1 and 2 with 0.25 and, 3 with 0.5, all other trading intervals are zero.



4. Using the Shape reallocation option, input the total value for the day.

5. Click Apply to get the new values for the intervals based on the assigned ratios for each trading interval.



You can also use the Shape reallocation option while creating a new Reallocation request. For more information, see Enter a Reallocation on page 31

Chapter 6 NEM Alert Notifications

This chapter provides details on the new notifications you can subscribe to in the Settlements Direct web portal. You can subscribe to each notification separately. The new notifications are as follows:

- Due date reminder: A notification is triggered listing all submitted reallocations that are about to reach the ex post or ex ante due date.
- New or change reallocation notification:
  - A notification is triggered when a reallocation involving the participant is created or changes its status
  - A notification is triggered when a reallocation involving the participant is created or changed by the counterparty.

Participants receive two notifications if subscribed to both notifications under new or changed reallocations.

Setting up notification messages

To configure Reallocations notification messages, you must make sure you are subscribed to the Data Subscription web application.

Participants are subscribed to the Data Subscription as a part of the registration process. For more information, see Guide to Data Subscription

Add Participant Users as Participant Contacts

1. On the MSATS web portal, click Participants and then Participant Contacts.
2. On the Participants Contacts - List page, click New about the Actions column.
3. Enter the information for the participant you want to add.

For more details, see Creating a new contact section in the Guide to MSATS Web Portal.

4. Under the Contact Type dropdown, select S.

5. Click Save.

Subscribe to notifications on Settlements Direct

1. In the EMMS Markets Portal, click MMS > Settlements Direct > Subscriptions.

2. In Category, select NEM Alerts, Reminders and Notifications.

3. In the Type dropdown options, select from the following notification types:
   - For the due date reminder notification, choose the NEM Reallocation Pending Authorisation alert.
   - For new or changed reallocation notification, choose either:
     - Reallocation created/modified by any party.
     - Reallocation created/modified by a party other than the subscribing party.

6. Select Notify by SMS, Email, or Notify by Email.

   Note that Email and Notify by Email perform the same function by sending notification to the nominated email address.

8. Click Submit.

Sample notification messages

The sample notification email and text messages for reallocations use the following field IDs:

- RRID: Reallocation ID
- PID1: Submitting participant ID
- Ref1: Submitting participant's reference
- EADD: Ex ante due date (format: DD/MM/YYYY)
- EADD WD: EADD warning date. This date is configurable and currently set at two business days prior to the EADD.
- EPDD: Ex post due date (format: DD/MM/YYYY)

- EPDD WD: EPDD warning date. This date is configurable and currently set at 2 business days prior to the EPDD.
- Status: Reallocation status - SUBMITTED, AUTHORISED, CANCELLED, EXPIRED

Due date reminder notification

In Settlements Direct, the due date reminder notification maps to the alert type NEM Reallocation Pending Authorisation. This notification includes all reallocations where:

- The participant is either submitter or counterparty
- The reallocation is at the SUBMIT step
- The number of days between the current system date and the ex ante due-date or ex post due-date is greater than 0 and less than or equal to 2. Participants can configure the number of days before expiry for notifications.

The alert is configured to run each day at 9 am, using the event scheduling feature already provided by NEM Reports.

Sample email

Subject: NEM Reallocations Pending Authorisation
Content: The following reallocations are pending authorisation on <EADD or EPDD>:

Reason	Role	Reallocation ID	Counterparty	Ref
<Ex ante | Ex post>	<Submitter | Counterparty>	<RRID>	<counterparty PID>	<Reference ID>

Sample text message

NEM reminder: <number of Reallocations affected> reallocations pending authorisation.

New or changed reallocation notification

In Settlements Direct, the new or changed reallocation notification maps to the alert types of Reallocation created/modified by any party and Reallocation created/modified by a party other than the subscribing party.

Participants can subscribe to a notification that is triggered when a Reallocation request is created or changes status. This involves the following options:

- A notification is triggered when a reallocation involving the participant is created or changes its status.
- A notification is triggered when a reallocation involving the participant is created or changed by the counterparty.

Participants receive two notifications if subscribed to both.

Sample email

Subject: NEM Reallocations <ReallocationID> changed to <Status>
Content:
Reallocation ID: <RRID>
Counterparty: <counterparty ID>
Ref: <Reference ID>
Is now: <Status>
Actioned by <PID1>

Sample message

NEM Reallocation <RRID> changed to <Status>

Frequently Asked Questions

How do I...

Enter a Reallocation?

To have access to Reallocations, a participant must register by executing a Letter of Agreement with AEMO.

When you have negotiated a Reallocation agreement with another participant, you and your Counterparty decide who creates the Reallocation. A representative of that company then creates and submits a new Reallocation request. A representative of the other company can review the submitted request and, if all is well, authorise it.

Reallocations are created in the following ways:

1. By manually entering the details of the Reallocation into the form on the Create a Reallocation interface.

2. By uploading a correctly formatted csv file containing the Reallocation details.

3. By using the **Duplicate** option to reuse same values as a previously created Reallocation and modify the details as needed.

Note: using the csv option to create Reallocations allows easier entry of Reallocations that occur repeatedly for example, each billing week. To simplify the process of creating a valid csv file, you can download an existing Reallocation or template, edit the file using MS Notepad or Excel, then upload the file by clicking **Upload/Create** from **Create Reallocation**.

See the Reallocation menus?

Your company's participant administrator must grant you access to Reallocations.

For help see, Who can use Reallocations? on page 6.

What is...

A Reallocation?

A Reallocation is a Rules-supported agreement that is approved between AEMO and

two parties (you and a Counterparty), enabling a settlement transaction (an amount of money) to be exchanged.

One Party is designated the Credit Participant and receives credit from the Reallocation, whilst the other Party is the Debit Participant. Either Party can submit the Reallocation request that generates matching debit and credit transactions and is included in the participants' settlement statements.

An Agreement Type ($, CAP, FLOOR, MWh, or SWAP)?

Both parties must have an executed Letter of Agreement with AEMO.

Agreement Type

The **agreement type** specifies the type of the Reallocations Request, this must be either a **dollar** ($), **cap** (CAP), **floor** (FLOOR), **quantity** (MWh energy), or **swap** (SWAP) value.

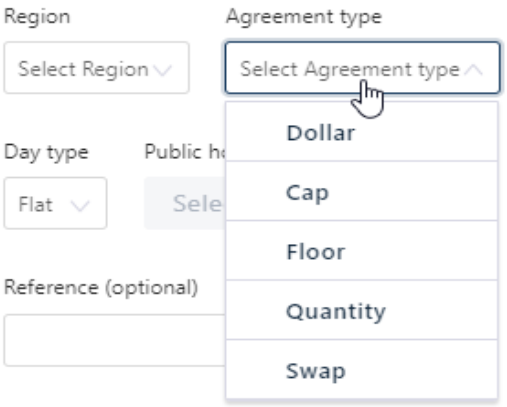
Cap, floor, and swap agreement types are only available to *market customer*, *market generator*, or MNSP participant categories.

If the **agreement type** is:

- **Dollar ($)**, the values entered for the Reallocation are direct dollar amounts. The dollar amount is applied for the respective trading interval for each day of the Reallocation. Normally only a single dollar value is specified in the first trading interval.
- **Quantity (MWh)**, the values entered for the Reallocation are quantity (MWh) values. To determine the transaction amount, the quantity value is multiplied by the regional reference price for the region selected, for each trading interval.
- **Cap (CAP)** the values entered for the Reallocation are quantity (MWh) values and price ($/MWh) values. To determine the transaction amount the quantity value is multiplied by the difference between the five-minute regional reference price (where this price is greater than the Reallocation price) and the Reallocation price.
- **Floor (FLOOR)** the values entered for the Reallocation are quantity (MWh) values and price ($/MWh) values. To determine the transaction amount the quantity value is multiplied by the difference between the five-minute regional reference price (where this price is lower than the Reallocation price) and the Reallocation price.

- **Swap (SWAP)** the values entered for the Reallocation are quantity (MWh) values and price ($/MWh) values. To determine the transaction amount the quantity value is multiplied by the difference between the five-minute regional reference price and the Reallocation price.

To select an agreement type, click the drop-down arrow and select from the list.



Depending on your agreement, you may only see a subset of the Agreement types.

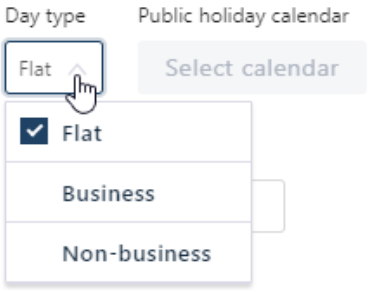
A Day Type (flat, business, non-business)?

Day Type

The day type can be flat, business, or non-business. It determines whether the Reallocation is applied to:

- **Flat** - all days in the Reallocation period.
- **Business** - weekdays from Monday to Friday that are not public holidays.
- **Non-business** - Saturdays, Sundays and public holidays listed in the Settlements Calendar.

To select a DayType, click the drop-down arrow and select a type from the list.



Timing (ex ante vs ex post)?

In accordance with the **reallocation timetable**, Reallocations are submitted before the period has started (ex ante), or after the period has occurred (ex post). AEMO uses the timing to determine the impact of the Reallocation, for example:

- An **ex ante reallocation** is authorised prior to the ex ante due date and is considered in Maximum Credit Limit (MCL) determinations.

- An **ex post reallocation** is authorised prior to the ex post due date (but after the ex ante due date) and although it is included in the final settlement statement, it cannot be considered in MCL determinations.

Start and End Date for a Dollar ($) Reallocation?

A Reallocation applies on every day between the Start and End Dates that meet the Day Type. If a Dollar ($) Reallocation is submitted for a period of more than one day, then the amount entered applies for each day, for example:

- If the Start Date = 2/1/2016, End Date = 8/1/2016, Day Type = flat, value = $100, an amount of $600 is applied to 2016 week 1 ($100 for each day from 2/1/2016 to 7/1/2016) and $100 is applied to 2016 week 2 ($100 for 8/1/2016).
- When an ex post Dollar ($) Reallocation is entered to manage Prudentials, it must be against a day in the past that has not yet settled; it cannot be the current day.

The error I receive when trying to login?

If you see this message, it means you do not have access to [[[Undefined variable AEMO.SoftwareName]]]. Speak with your company's PA who can give you access rights, providing your company has signed the Letter of Agreement with AEMO. If you don't know who your company's PA is, contact AEMO's support hub, supporthub@aemo.com.au who can advise you.
For help, see the Guide to User Rights Management

What if...

A Reallocation is not authorised by the ex ante due date?

If a Reallocation is submitted ex ante, but not authorised by the ex ante due date, the Reallocation can still be authorised as an **ex post reallocation**. This means the Reallocation is not included in MCL determinations, but is included in the final settlement statement.

A Reallocation is not authorised by the Ex Post due date?

It automatically expires.

I enter a Quantity (MWh) Reallocation after the period has finished (for example, Ex Post)?

An MWh agreement type Reallocation can be submitted and authorised until the Ex Post due date. The Reallocation is included in the final settlement statement, but not considered in MCL determinations.

Why can't I...

See the agreement types, cap (CAP), floor (FLOOR), and swap (SWAP)

Cap, **floor**, and **swap agreement types** are only available to participants who have signed the Swap and Option Offset Reallocations Letter of Agreement.

Needing Help

Contacting AEMO's support hub

AEMO's Support Hub

Phone: 1300 AEMO 00 (1300 236 600), Email: supporthub@aemo.com.au

Rules, Law, and Government Bodies

"Australian Energy Market Commission" (AEMC), electricity and gas rules http://www.aemc.gov.au/index.html.

"Australian Energy Regulator (AER)", www.aer.gov.au.

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Information to provide

Please provide the following information when requesting assistance from AEMO:

- Your name
- Organisation name
- Participant ID
- System or application name
- Environment: production or pre-production
- Problem description
- Screenshots

For AEMO software-related issues please also provide:

- Version of software
- Properties or log files
- Replication Manager support dump and instance name (if Data Interchange problem)

Feedback

Your feedback is important and helps us improve our services and products. To suggest improvements, please contact supporthub@aemo.com.au.

References

Letter of Agreement 2
Text in this format 2
Guide to Reallocation APIs 4
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Guide to MSATS web portal 5
Guide to Electricity Information Systems 6
Guide to User Rights Management (URM) 6
Reallocation Procedure Energy and Dollar Offset Reallocations 6
Reallocation Procedure Swap and Option Offset Reallocations 6
Settlement Calendars 10
Guide to Data Subscription 63

Rules Terms

This section lists the terms defined in the National Electricity Rules (NER) and the following Reallocations procedures:

- Reallocation Procedure: Energy and Dollar Offset Reallocations
- Reallocation Procedure: Swap and Option Offset Reallocations

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Registered Participants 1
Registered Participants 6
Market Participants 6
reallocators 6
reallocators 6
Letter of Agreement 6
Market Participants 6
Market Customer 6
Market Generator 6
Registered Participants 8
reallocation transaction 9
trading intervals 9
trading interval 9
trading interval 9
trading intervals 32
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trading interval 35
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regional reference price 36
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trading intervals 46
trading interval 47
trading interval 47
Regional Reference Price 47
trading intervals 48
trading interval. 48
trading interval 49
trading interval 49
Reallocation Transaction 57
trading interval 68
trading interval 68

regional reference price 68
regional reference price 69

Glossary

AEMO Communication
An email from AEMO to a distribution list of Registered Participant contacts broadcasting NEM-related information.

AEST
Australian Eastern Standard Time

Agreement type
Specifies the type of reallocation transaction where a reallocation can have one of two different agreement types—A fixed dollar amount ($) or a fixed quantity amount (GJ).

Business Day
As defined in the Rules. [A day other than a Saturday, or Sunday or a day which is lawfully observed as a national public holiday on the same day in each of the participating jurisdictions.

Contractual arrangement
The contractual arrangement between the two parties that underlies the reallocation transaction.

Counterparty
The authoriser of the Reallocation

Credit participant
The market participant credited with the reallocation amount for a reallocation, as part of settlement for the relevant billing period.

Credit Participant ID
The participant who receives a credit settlement transaction in their settlement statement for any Cap, Dollar, Energy and Floor Reallocation Transactions that have a positive value and when the Spot Price is greater than the Strike Price for a Swap Reallocation

Credit Party
The participant who receives a credit Reallocation

Credit Reference
Freeform text supplied by the Credit Participant

Data Interchange
A set of cooperating applications used to replicate data between AEMO's energy market systems and a participant's DBMS conforming to the MMS Data Model.

Data Model
The definition of the interface to participants of data published by AEMO for gas or electricity. A database conforming to the Data Model can contain a local copy of all current participant-specific data recorded in the main database. The Data Model includes database tables, indexes, and primary keys.

Debit participant
The market participant debited with the reallocation amount for a reallocation, as part of settlement for the relevant billing period.

Debit Participant ID
The participant who receives a debit settlement transaction in their settlement statement for any Cap, Dollar, Energy and Floor Reallocations that have a positive value and when the Spot Price is greater than the Strike Price for a Swap Reallocation

Debit Party
The participant who receives a debit Reallocation

Debit Reference
Freeform text supplied by the Debit Participant

EMMS
Electricity Market Management System

EMMS Markets Portal
Software, hardware, network and related processes to implement the wholesale energy market.

Ex Ante
Lodged before the target trading intervals occur, when the volume and price are unknown.

Ex Post
Lodged after the target trading intervals occurred, where the volume and price are known.

Expiry
A reallocation request expires if it is not authorised prior to the submission cut-off date applicable to the start date of the reallocation request.

Fixed Dollar Amount ($)
An agreement type where the values entered for the reallocation transaction are direct dollar amounts for each gas day in the period to which the reallocation request relates.

Fixed Quantity Amount (GJ)
An agreement type where the values entered for the reallocation amount are the product of the applicable reference price and the energy reallocation quantity specified.

FTP
File transfer protocol

FTP Gateway
Uses FTP protocol to deliver communications.

FTP Protocol
A B2B e-Hub and EMMS delivery method.

GJ
Gigajoule: a unit of measure of energy equal to 10 to the power 9 joules.

GSH Reallocation Letter of Agreement
An executed agreement between a market participant and AEMO, allowing use of the GSH Reallocations web application to facilitate reallocation transactions. Persons registering as reallocators complete the Letter of Agreement during registration. Trading participants wanting to use reallocations can find the GSH Reallocation Letter of Agreement on AEMO's website.

MarketNet
AEMO’s private network available to participants having a participant ID

MCL
Maximum Credit Limit

MCLs
Maximum Credit Limits

MW
Megawatt

MWh
Megawatt hour

NEL
National Electricity Law

NEMDE
National Electricity Market Dispatch Engine

NEMweb
Public market data in csv file format: http://www.nemweb.com.au/

Non-business Day
A weekend or public holiday Profile Type

PA
participant administrator

Participant Administrator
Your company's PA set up by AEMO during registration

Participant File Server
The publishing point from AEMO systems to participant systems. Each participant is allocated an account and access to private and public areas. Participants are responsible for interfacing with the participant file server.

Participant ID
Registered participant identifier; A company can have more than one Participant ID.

Participant User
An end-user, using AEMO's participant energy market systems to view and retrieve information on behalf of a participant ID. The participant users access rights are created and maintained by the participant ID's Participant Administrator.

Participant User ID
The user ID you used to login to the system.

Party
The initiator of the Reallocation

Period ID
The value for each trading interval (1-288)

PID
Participant ID

Pre-production
AEMO's test system available to participants

Price ($/MWh)
Price per megawatt hour

Production
AEMO's live system

Profile Type (also day type)
Flat: same quantity of energy or cost is applied to all days during the Reallocation period. Business: same quantity of energy or cost is applied to Business Days only during the Reallocation period. Non-business: same quantity of energy or cost is applied for non-business days during the Reallocation period.

Prudential Exposure
The total estimated prudential exposure across all relevant gas days of the reallocation request. Must not cause the debit participant's prudential exposure (inclusive of reallocation requests) to exceed its trading limit.

Quantity (MWh)
Referred to as energy offset in the Reallocation Procedures

Reallocation
A reallocation transaction, as defined in the NER

Reallocation Request Service
The GSH Reallocations web application

Reallocation Transaction (reallocation)
An authorised request in the Reallocations web application, of an agreement between two market participants to settle all or part of their mutual settlement obligations. The request generates matching debit and credit transactions of equal value that are included in the participants' settlement statements.

Reference Price
The average price for the trading location and gas day to which a reallocation relates.

Set Participant
Where a Participant User has user rights assigned by more than one participant ID, the Participant User can select the participant ID they want to represent using the Set Participant option in the web portals.

Settlement Calendars
AEMO prepares a settlement calendar for each of the markets being settled, showing the dates for delivery of statements and settlement of trading amounts relating to each billing period

SSL
Secure Socket Layer, a protocol for encrypting information over the internet.

Submission Cut-off Date
The submission cut-off date in respect of a gas day is 9.00 am on the 14th business day after the end of the billing period in which that gas day falls. After that time, reallocation request submissions and authorisations for that gas day are no longer accepted.

Submitter
The party creating the reallocation.

Trading Amount
The resulting positive or negative dollar amount of a Reallocation

URM
User Rights Management; see the Guide to URM on AEMO's website

Values
The value of the Reallocation for each Agreement Type (1-48)

VPN
Virtual Private Network

XML
eXtensible Mark-up Language.

Zip
A file containing business data with filename extensions of .zip, are compressed, and contain one file with a filename extension of .XML. The XML file contains the XML coded message data.

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