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# Guide to Capacity Transfer and Day-Ahead Auction Reports

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**17 June 2019**

Version 1.2

Provides details about the capacity transfer and  
day-ahead auction market csv reports

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# Important notice

## **PURPOSE**

This Guide to Capacity Transfer and Day-ahead Auction Reports was produced by AEMO in accordance with the Capacity Transfer and Auction Procedures. It specifies the structure and format of the Gas Trading Exchange (Capacity Transactions) and Capacity Auctions Reports under Parts 24 and 25 of the National Gas Rules (Rules). To the extent of any inconsistency, the Rules, the National Gas Law, the Capacity Transfer and Auction Procedures and the terms of a capacity auction agreement will prevail over this Guide to Capacity Transfer and Day-Ahead Auction Reports.

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## VERSION HISTORY

Version	Release date	Changes
1.0	21/11/2018	Initial release
1.1	1/3/2019	Updated for Market Start
1.2	24/6/2019	Note added to Auction Product Price and Volume report

## FURTHER INFORMATION

For further information, please visit AEMO's website <http://www.aemo.com.au/Gas/Pipeline-Capacity-Trading> or contact AEMO Information and Support Hub:

- Phone: 1300 AEMO 00 (1300 236 600) and follow the prompts.
- Email: [supporthub@aemo.com.au](mailto:supporthub@aemo.com.au)

## FEEDBACK

Your feedback is important and helps us improve our services and products. To suggest improvements, please contact AEMO's Information and Support Hub.

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# 1. Introduction

## 1.1 Purpose

This guide describes the specifications for the Capacity Transfer Platform (CTP) and Day-Ahead Auction (DAA) market reports produced by AEMO for participants.

## 1.2 Audience

This guide is for participants in the CTP and DAA markets. The intended audience is participant and AEMO business users and IT developers.

## 1.3 What is in this guide

- “Overview” provides an overview of the report delivery mechanism, file format and naming convention.
- “Public Reports” details the format and structure of each public report.
- “Private Reports” details the format and structure of each private report.

## 1.4 How to use this guide

- The references listed throughout this document are primary resources and take precedence over this document.
- Text in [this format](#) indicates a resource on AEMO’s website.
- This document is written in plain language for easy reading. Where there is a discrepancy between the Rules and information or a term in this document, the Rules take precedence.
- Glossary Terms are capitalised and have the meanings listed against them in 8.2.
  - *Italicised terms* are defined in the Rules. Any rules terms not in this format still have the same meaning.
  - Actions to complete in the web portal interface are **bold and dark grey**.

# 2. Overview

## 2.1 Accessing reports

CTP and DAA reports are accessed in two ways:

- Publishing Direct: the reporting application available using AEMO’s Energy Market Systems Web Portal. Participants can download files directly or set up a delivery subscription. When a new version of the subscribed report is published to Publishing Direct, depending on the participant’s subscription selections, either an email or SMS, or both is sent to the participant.

- Participant File Share: the FTP server where participants can directly access reports from their own private folder, ..\<PARTICIPANTFOLDER>\Import\REPORTS\GSH.

AEMO makes reports available online for a period of up to 6 months.

## 2.2 Report file format

CTP and DAA reports are in CSV file format, for further details about the format, see [Guide to AEMO CSV Data Format Standard](#)<sup>1</sup>.

The first “C” record in a file contains metadata for AEMO use. Do not use this record in participant IT systems as AEMO can change the values or fields at any time without notice.

## 2.3 Report file naming convention

The general format of the report filename is:

```
[PARTICIPANT_CODE]_[FILE_ID]_[PERIOD_ID]_[CONTENT_ID]_[ EVENT_QUEUE_ID ].csv
```

For example:

```
ABC1_ORDERCONFIRMATION_20130405_125_0000000245036356.csv
```

Table 1 below details the format of each component in the filename.

**Table 1 Report filename components**

Name part	Description	Format
<b>[PARTICIPANT_CODE]</b>	The participant code for private participant reports, or the word PUBLIC for public reports	Four alphanumeric characters, or ‘PUBLIC’
<b>[FILE_ID]</b>	The report name	Up to 28 alpha characters long
<b>[PERIOD_ID]</b>	The report period identification	YYYYMMDD
<b>[CONTENT_ID]</b>	The file content id, this is an optional part of the filename, it only applies to some reports	Up to 20 alphanumeric characters long
<b>[EVENT_QUEUE_ID]</b>	The unique identifier of the file	Greater than or equal to 1 numeric character long and less than or equal to 30 numeric characters long.

<sup>1</sup> At [www.aemo.com.au/-/media/Files/Electricity/NEM/IT-Systems-and-Change/2016/AEMO\\_CSV\\_Data\\_Format\\_Standard\\_v3\\_01.pdf](http://www.aemo.com.au/-/media/Files/Electricity/NEM/IT-Systems-and-Change/2016/AEMO_CSV_Data_Format_Standard_v3_01.pdf).

## 2.4 Report definitions

Each report consists of the following sections:

### Report details

Purpose	Brief description of the report's purpose
<b>Access</b>	Specifies whether a report is produced for public view or private view by participant only.
<b>Trigger</b>	Describes the trigger for the report. Generally, the reports are triggered by time or a specific event
<b>Report period</b>	The period of time the data covers.
<b>Publishing Direct Category</b>	Defines the "category" search filter value used for this report in Gas Hub Direct.
<b>Publishing Direct Type</b>	Defines the "type" search filter value used for this report in Gas Hub Direct.
<b>Output filename</b>	The file name of the published report.
<b>Notes</b>	Additional notes to assist the reader in understanding the report content.

### "I" and "D" record specifications

This section specifies the field values used in the "I" and "D" records in the .CSV file.

<b>Report type</b>	Each report contains only one report type. This is used in "I" and "D" records
<b>Report subtype</b>	A report may have more than one subtype and each subtype has its own unique header row. Subtypes allow CSV files to contain multiple related reports within the one file. This is used in "I" and "D" records

Table Column Name	Explanation
<b>Field Name</b>	Name of the field displayed on the header row
<b>Data Type</b>	Actual data type of the source data. May be useful in designing data storage schema
<b>Not Null</b>	Describes whether the field is mandatory (true = mandatory).
<b>Primary Key</b>	Indicative primary key that may be useful for data storage schema definition. Note: Primary key definitions are only provided as suggestions of the field or fields that could constitute a primary key within a single version (instance) of the report. Additionally, there are certain reports where the primary key definition is not definable or is defined to include fields that may hold Null values.
<b>Description</b>	Gives further explanation for the data element.
<b>Example</b>	Provides an example of the data element value.

"I" and "D" records also contain a field called "report version" which is initially set to 1. The version number increments each time a Field is added, removed or renamed.

# 3. Public reports

## 3.1 Transportation Facility Register

### Report details

<b>Purpose</b>	The report contains a list of all the facilities currently registered under Part 24 of the Rules, for the capacity transfer and day ahead auction.
<b>Access</b>	Public
<b>Trigger</b>	<ol style="list-style-type: none"> <li>1. Event triggered on creating or updating details of a registered facility in the CTP and DAA markets.</li> <li>2. Time triggered monthly at the beginning of each month.</li> </ol>
<b>Report period</b>	Registration details of all facilities currently registered in the CTP and DAA markets.
<b>Publishing Direct Category</b>	GSH Registration and Contacts
<b>Publishing Direct Type</b>	Transportation Facility Register
<b>Output filename</b>	PUBLIC_REGISTEREDFACILITIES_yyyymmdd_[EVENT_QUEUE_ID].csv
<b>Notes</b>	

### "I" and "D" record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	FACILITIES

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>FACILITY_ID</b>	INTEGER	True	True	The unique identifier of the facility.	10001
<b>FACILITY_NAME</b>	STRING (100)	True	False	The descriptive name of the facility.	MAPS
<b>FACILITY_DESCRIPTION</b>	STRING (400)	True	False	The descriptive name of the facility.	Moomba to Adelaide Pipeline System
<b>FACILITY_TYPE</b>	STRING (20)	True	False	The type of facility, for example pipe or compressor.	PIPE, COMPRESSOR
<b>OPERATOR_ID</b>	STRING (20)	True	False	The unique identifier of the Facility Operator that operates the facility.	584
<b>OPERATOR_NAME</b>	STRING (100)	True	False	The descriptive name of the participant.	AGL
<b>EFFECTIVEDATE</b>	DATE	True	True	The effective date of the facility.	2018/03/01 08:20:00
<b>VERSION_DATETIME</b>	DATE	True	True	The version timestamp of the record	2018/02/01 06:20:34



Field Name	Data Type	Not Null	Primary Key	Description	Examples
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 3.2 Transportation Service Point Register

### Report details

<b>Purpose</b>	The report contains a list of all the service points (receipt and delivery points), zones and pipeline segments currently registered under Part 24 of the Rules, for the capacity transfer and day ahead auction.
<b>Access</b>	Public
<b>Trigger</b>	<ol style="list-style-type: none"> <li>1. Event triggered on creating or updating details of a service point in the CTP and DAA markets.</li> <li>2. Time triggered monthly at the beginning of each month.</li> </ol>
<b>Report period</b>	Registration details of all facilities currently registered in the CTP and DAA markets.
<b>Publishing Direct Category</b>	GSH Registration and Contacts
<b>Publishing Direct Type</b>	Transportation Facility Register
<b>Output filename</b>	PUBLIC_REGISTEREDFACILITIES_yyyymmdd_[EVENT_QUEUE_ID].csv
<b>Notes</b>	

### “I” and “D” record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	ZONES

<b>Report type</b>	GSH
<b>Report subtype</b>	ZONES

Field Name	Data Type	Not Null	Primary Key	Description	Examples
ZONE_ID	INTEGER	True	True	The unique identifier of the zone.	20001
ZONE_NAME	STRING (100)	True	False	The descriptive name of the zone.	Zone 1
ZONE_TYPE	STRING (20)	True	False	The type of zone, for example pipeline receipt, pipeline delivery, compression receipt or compression delivery.	PIPELINE_RECEIPT
ZONE_DESCRIPTION	STRING (255)	True	False	The description of the zone.	
FOR_AUCTION_PUBLICATION	STRING (3)	True	False	Flag to indicate if the product component can be published in the	YES

Field Name	Data Type	Not Null	Primary Key	Description	Examples
				public auction reports, for example yes or no.	
<b>EFFECTIVEDATE</b>	DATE	True	True	The effective date of the zone.	2018/03/01 08:20:00
<b>VERSION_DATETIME</b>	DATE	True	True	The version timestamp of the record	2018/02/01 06:20:34
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

<b>Report type</b>	GSH
<b>Report subtype</b>	SEGMENTS

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>FACILITY_ID</b>	INTEGER	True	False	The unique identifier of the parent facility.	100001
<b>FACILITY_NAME</b>	STRING (100)	True	False	The descriptive name of the parent facility.	Moomba to Adelaide Pipeline System
<b>SEGMENT_ID</b>	INTEGER	True	True	The unique identifier of the pipeline segment or compression service.	30001
<b>SEGMENT_NAME</b>	STRING (100)	True	False	The descriptive name of the pipeline segment or compression service.	Segment 1
<b>SEGMENT_TYPE</b>	STRING (20)	True	False	The segment type, for example Forward Haul, Backhaul or Compression Service	Forward Haul
<b>FROM_ID</b>	INTEGER	True	True	The unique identifier of the zone for forward haul pipeline segments and compression services or the service point for backhaul pipeline segments.	20001
<b>FROM_NAME</b>	STRING (100)	True	False	The descriptive name of the zone or point.	Zone 1
<b>TO_ID</b>	INTEGER	True	True	The unique identifier of the zone for forward haul pipeline segments and compression services or the service point for backhaul pipeline segments.	30001
<b>TO_NAME</b>	STRING (100)	True	False	The descriptive name of the zone or point.	Zone 2
<b>EFFECTIVEDATE</b>	DATE	True	True	The effective date of the segment.	2018/03/01 08:20:00
<b>VERSION_DATETIME</b>	DATE	True	True	The version timestamp of the record	2018/02/01 06:20:34
<b>FOR_AUCTION_PUBLICATION</b>	STRING (3)	True	False	Flag to indicate if the product component can be published in the	YES

Field Name	Data Type	Not Null	Primary Key	Description	Examples
				public auction reports, for example yes or no.	
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00
<b>Report type</b>	GSH				
<b>Report subtype</b>	SERVICE_POINTS				

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>FACILITY_ID</b>	INTEGER	True	True	The unique identifier of the parent facility.	100001
<b>FACILITY_NAME</b>	STRING(100)	True	False	The descriptive name of the parent facility.	Moomba to Adelaide Pipeline System
<b>SERVICE_POINT_ID</b>	INTEGER	True	True	The unique identifier of the service point.	500001
<b>SERVICE_POINT_NAME</b>	STRING(100)	True	False	The descriptive name of the service point.	SP 1
<b>SERVICE_POINT_TYPE</b>	STRING(100)	True	False	The type of service point, for example forward haul receipt point, forward haul delivery point, backhaul receipt point, backhaul delivery point, compression receipt point or compression delivery point.	FORWARD_HAUL _RECIEPT_POINT
<b>SERVICE_POINT_DESCRIPTION</b>	STRING(255)	True	False	The description of the service point.	
<b>NOTIONAL_POINT</b>	STRING(3)	True	False	Flag to indicate if the service point is a notional point, for example Yes or No.	YES
<b>ZONE_ID</b>	INTEGER	False	False	The unique identifier of the zone in which the service point is located.	20001
<b>ZONE_NAME</b>	STRING(100)	False	False	The descriptive name of the zone.	Zone 1
<b>GBB_CONNECTION_POINT_ID</b>	INTEGER	False	False	The corresponding GBB connection point identifier.	150001
<b>GBB_CONNECTION_POINT_NAME</b>	STRING(100)	False	False	The descriptive name of the corresponding GBB connection point.	Moomba Gas Plant
<b>FOR_AUCTION_PUBLICATION</b>	STRING(3)	True	False	Flag to indicate if the product component can be published in the public auction reports, for example yes or no.	YES
<b>EFFECTIVEDATE</b>	DATE	True	True	The effective date of the service point.	2018/03/01 08:20:00

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>VERSION_DATETIME</b>	DATE	True	True	The version timestamp of the record	2018/02/01 06:20:34
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00
<b>Report type</b>	GSH				
<b>Report subtype</b>	NOTIONAL_POINTS				

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>SERVICE_POINT_ID</b>	INTEGER	True	True	The unique identifier of the service point.	500001
<b>SERVICE_POINT_NAME</b>	STRING (100)	True	False	The descriptive name of the service point.	SP 1
<b>PHYSICAL_POINT_NAME</b>	STRING (100)	True	False	The descriptive name of the physical point associated with the notional point.	SP 2
<b>GBB_CONNECTION_POINT_ID</b>	INTEGER	False	False	The corresponding GBB connection point identifier.	150001
<b>EFFECTIVEDATE</b>	DATE	True	True	The effective date of the notional point.	2018/03/01 08:20:00
<b>VERSION_DATETIME</b>	DATE	True	True	The version timestamp of the record	2018/02/01 06:20:34
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00
<b>Report type</b>	GSH				
<b>Report subtype</b>	PARK_SERVICES				

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>PARK_PRODUCT_NAME</b>	STRING (100)	True	False	The descriptive name of the park product.	Park Service 1
<b>PARK_SERVICE_POINT_ID</b>	INTEGER	True	False	The unique identifier of the service point at which transportation capacity is required to use this park service.	500001
<b>PARK_SERVICE_POINT_NAME</b>	STRING (100)	True	False	The descriptive name of the park service point.	SP 1
<b>EFFECTIVEDATE</b>	DATE	True	True	The effective date of the park service.	2018/03/01 08:20:00

Field Name	Data Type	Not Null	Primary Key	Description	Examples
VERSION_DATETIME	DATE	True	True	The version timestamp of the record	2018/02/01 06:20:34
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

### 3.3 Auction Quantities

#### Report details

<b>Purpose</b>	The report lists the auction limit quantities for each product component available for the day ahead auction.
<b>Access</b>	Public
<b>Trigger</b>	Time triggered daily at 5:30 PM AEST non-harmonised time and 4:30 PM AEST harmonised time Note: This time may be extended by up to two hours when the auction delay process is initiated by AEMO. Please refer to the Procedures for full description of the delay process.
<b>Report period</b>	All auction quantities valid for the auction to be run on the current day.
<b>Publishing Direct Category</b>	Day Ahead Auction
<b>Publishing Direct Type</b>	Auction Quantities
<b>Output filename</b>	PUBLIC_AUCTIONQUANTITIES_yyyymmdd_[EVENT_QUEUE_ID].csv
<b>Notes</b>	Product components that are identified as 'not for auction publication' are excluded from this report. The information in this report is based on the auction quantities submitted to AEMO by facility operators.

#### "I" and "D" record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	AUCTION_QUANTITIES

Field Name	Data Type	Not Null	Primary Key	Description	Examples
AUCTION_DATE	DATE	True	True	The date of the auction. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
GAS_DATE	DATE	True	True	The gas date that the auction quantities and transitional rights are valid for. Disregard the time component as this is not applicable.	2018/03/14 00:00:00
FACILITY_ID	INTEGER	True	True	The unique identifier of the facility.	100001
FACILITY_NAME	STRING (100)	True	False	The descriptive name of the facility.	Moomba to Adelaide Pipeline System

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>LIMIT_ID</b>	INTEGER	True	True	The unique identifier of the auction limit.	500001
<b>LIMIT_NAME</b>	STRING (100)	True	False	The descriptive name of the auction limit.	MAPS Segment 1
<b>LIMIT_TYPE</b>	STRING (100)	True	False	The type of auction limit, for example: <ul style="list-style-type: none"> <li>• Forward haul pipeline segment</li> <li>• Backhaul pipeline segment</li> <li>• Pipeline receipt zone</li> <li>• Pipeline delivery zone</li> <li>• Compression receipt zone</li> <li>• Compression delivery zone</li> <li>• Forward haul receipt point</li> <li>• Forward haul delivery point</li> <li>• Backhaul receipt point</li> <li>• Backhaul delivery point</li> <li>• Compression receipt point</li> <li>• Compression delivery point</li> <li>• Compression facility service</li> </ul>	BACKHAUL_PIPEL NE_SEGMENT
<b>LIMIT_QUANTITY</b>	INTEGER	True	False	The available auction quantity of the limit in GJ.	234
<b>TRANSITIONAL_RIGHTS_QUANTITY</b>	INTEGER	False	False	The quantity of nominations against grandfathered rights in GJ, for the <u>previous</u> gas day.	120
<b>OPERATIONAL_OVERRIDE</b>	STRING (3)	True	False	Flag to indicate whether the facility operator has applied an operational override to the limit quantity, for example Yes or No.	Yes
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 3.4 Auction Product Price and Volume

### Report details

<b>Purpose</b>	The report lists the cleared quantity, cleared price and price sensitivity for each auction product component following each auction run.
<b>Access</b>	Public
<b>Trigger</b>	Event triggered on completion of the auction run.
<b>Report period</b>	All auction product components included in the auction run.
<b>Publishing Direct Category</b>	Day Ahead Auction
<b>Publishing Direct Type</b>	Auction Product Price and Volume
<b>Output filename</b>	PUBLIC_AUCTIONPRICEVOLUME_yyyymmdd_[EVENT_QUEUE_ID].csv
<b>Notes</b>	Product components that are identified as 'not for auction publication' are excluded from this report.

Components in bids where no Participant has won any quantity on that component will appear in the report with a 'CLEARED\_QUANTITY' of 0. This can happen when a linked bid is unsuccessful in the Auction and no other Participants have won capacity on a component/s of that linked bid.

### "I" and "D" record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	AUCTION_PRICE_VOLUME

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>AUCTION_DATE</b>	DATE	True	True	The date of the auction run. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>GAS_DATE</b>	DATE	True	True	The gas date that the auction quantities and prices are valid for. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>FACILITY_ID</b>	INTEGER	True	True	The unique identifier of the facility.	100001
<b>FACILITY_NAME</b>	STRING (100)	True	False	The descriptive name of the facility.	Moomba to Adelaide Pipeline System
<b>LIMIT_ID</b>	INTEGER	True	True	The unique identifier of the auction limit.	500001
<b>LIMIT_NAME</b>	STRING (100)	True	False	The descriptive name of the auction limit.	MAPS Segment 1 limit.
<b>LIMIT_TYPE</b>	STRING (100)	True	False	The type of auction limit, for example: <ul style="list-style-type: none"> <li>• Forward haul pipeline segment</li> <li>• Backhaul pipeline segment</li> <li>• Pipeline receipt zone</li> <li>• Pipeline delivery zone</li> <li>• Compression receipt zone</li> <li>• Compression delivery zone</li> <li>• Forward haul receipt point</li> <li>• Forward haul delivery point</li> <li>• Backhaul receipt point</li> <li>• Backhaul delivery point</li> <li>• Compression receipt point</li> <li>• Compression delivery point</li> <li>• Compression facility service</li> </ul>	BACKHAUL_PIPELINE_SEGMENT
<b>CLEARED_QUANTITY</b>	INTEGER	True	False	The capacity quantity cleared at auction (GJ/day).	500
<b>CLEARED_PRICE</b>	NUMBER	True	False	The cleared auction price (\$/GJ).	5.4535

## 3.5 Revised Auction Quantities

### Report details

<b>Purpose</b>	The report lists the following items for each facility and service type: <ul style="list-style-type: none"> <li>• initial cleared quantity as determined by the Auction Solver;</li> <li>• where there has been a curtailment of the initial cleared quantity, the revised auction quantity which must be the aggregate minimum quantity made available to auction participants on the gas day;</li> <li>• final aggregated scheduled nominations.</li> </ul>
<b>Access</b>	Public
<b>Trigger</b>	Time triggered at 2:00 PM (AEST) on gas day D+1.
<b>Report period</b>	All facilities included in the auction run on gas day D-1 for gas day D.
<b>Publishing Direct Category</b>	Day Ahead Auction
<b>Publishing Direct Type</b>	Revised Auction Quantities
<b>Output filename</b>	PUBLIC_REVISED_AUCTION_QUANTITIES_YYYYMMDD_[EVENT_QUEUE_ID].csv
<b>Notes</b>	The information in this report is based on the revised auction quantities submitted to AEMO by facility operators.

### “I” and “D” record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	REVISED_AUCTION_QUANTITIES

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>AUCTION_DATE</b>	DATE	True	True	The date of the auction run. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>GAS_DATE</b>	DATE	True	True	The effective gas date of the capacity won at auction Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>FACILITY_ID</b>	INTEGER	True	True	The unique identifier of the facility.	100001
<b>FACILITY_NAME</b>	STRING (100)	True	False	The descriptive name of the facility.	Moomba to Adelaide Pipeline System
<b>SERVICE_TYPE</b>	STRING (20)	True	True	The type of service, for example Forward Haul, Backhaul or Compression.	Backhaul
<b>AGG_CLEARED_QUANTITY</b>	INTEGER	True	False	The aggregated initial cleared capacity quantity as determined by the auction (GJ/day).	500
<b>AGG_REVISED_QUANTITY</b>	INTEGER	True	False	The aggregated revised auction capacity quantity (GJ/day).	500



Field Name	Data Type	Not Null	Primary Key	Description	Examples
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 3.6 Auction Service Curtailment Notice

### Report details

<b>Purpose</b>	This report provides a notice to the industry whenever an auction service is impacted by a facility curtailment within the gas day that the auction capacity is scheduled to be available to shippers.
<b>Access</b>	Public
<b>Trigger</b>	Event triggered when facility operators submit curtailment notice to AEMO.
<b>Report period</b>	All curtailment notices contained in the facility operator submission.
<b>Publishing Direct Category</b>	Day Ahead Auction
<b>Publishing Direct Type</b>	Auction Service Curtailment Notice
<b>Output filename</b>	PUBLIC_AUCTIONCURTAILMENTNOTICE_yyyymmdd_[EVENT_QUEUE_ID].csv
<b>Notes</b>	The information in this report is based on the curtailment notices submitted to AEMO by facility operators.

### "I" and "D" record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	AUCTION_CURTAILMENT_NOTICE

Field Name	Data Type	Not Null	Primary Key	Description	Examples
NOTICE_ID	INTEGER	True	True	The unique identifier of the notice.	123
FACILITY_ID	INTEGER	True	True	The unique facility identifier as defined in the Transportation Facility Register.	100001
FACILITY_NAME	STRING (100)	True	False	The descriptive name of the facility.	Moomba to Adelaide Pipeline System
AUCTION_SERVICE	STRING (20)	True	True	The auction service impacted by curtailment, for example: <ul style="list-style-type: none"> <li>• Forward haul</li> <li>• Backhaul</li> <li>• Compression</li> </ul>	Backhaul
CURTAILED	STRING (3)	True	False	A flag to indicate curtailment, for example: <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	Yes

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>MATERIAL</b>	STRING (3)	True	False	Flag to indicate material curtailment, for example: <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	Yes
<b>DESCRIPTION</b>	STRING (255)	True	False	A description of the curtailment.	
<b>EFFECTIVE_DATE_TIME</b>	DATE	True	True	The date and time the curtailment is effective from.	2018-01-01 12:23:45
<b>GAS_DATE</b>	DATE	True	True	The gas date for which the auction service is curtailed.	2018-01-01
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 3.7 Capacity Transfer and Auction Notice

### Report details

<b>Purpose</b>	The report notifies participants when the market delay or cancellation process is triggered.
<b>Access</b>	Public
<b>Trigger</b>	Event triggered by the market delay or cancellation process.
<b>Report period</b>	One market delay event notice.
<b>Publishing Direct Category</b>	GSH Correspondence
<b>Publishing Direct Type</b>	Capacity Transfer and Auction Notice
<b>Output filename</b>	PUBLIC_CAPACITYTRANSFERAUCTIONNOTICE_yyyymmdd_[EVENT_QUEUE_ID].csv
<b>Notes</b>	

### "I" and "D" record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	CAPACITY_TRANSFER_AUCTION_NOTICE

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>NOTICE_ID</b>	INTEGER	True	True	The unique identifier of the notice.	123
<b>NOTICE_DATE</b>	DATE	True	False	The date of the notice. Disregard the time component as this is not applicable.	2018/03/12 00:00:00
<b>GAS_DATE</b>	DATE	False	False	The gas date that the notice applies to. This will be NULL for notices regarding forward trade capacity transfers. Disregard the time component as this is not applicable.	2018/03/13 00:00:00

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>FACILITY_ID</b>	INTEGER	False	False	The unique identifier of the facility.	10001
<b>FACILITY_NAME</b>	STRING (100)	False	False	The descriptive name of the facility.	Moomba to Adelaide Pipeline System
<b>MARKET</b>	STRING (3)	True	True	The market that has triggered the notice, for example CTP or DAA.	CTP
<b>NOTICE_TYPE</b>	STRING (50)	True	False	The type of notice, for example: <ul style="list-style-type: none"> <li>• Capacity Trading Market Delay</li> <li>• Day-ahead Auction Delay</li> <li>• Facility Excluded from Auction</li> <li>• Day-ahead Auction Cancelled</li> </ul>	Day-ahead Auction Delay
<b>DESCRIPTION</b>	STRING (1000)	True	False	The description of the notice.	
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 3.8 Secondary Capacity Trades

### Report details

<b>Purpose</b>	This report provides a consolidated list of all secondary capacity trades which includes: <ul style="list-style-type: none"> <li>• GSH trades (screen traded and off-market trades)</li> <li>• Bilateral trades submitted into the GBB</li> </ul>
<b>Access</b>	Public
<b>Trigger</b>	Time triggered daily at 7:30 PM (AEST).
<b>Report period</b>	All GSH trades executed in the GSH during the current trading day and all bilateral trades reported to AEMO in the past 24 hours.
<b>Publishing Direct Category</b>	N/A – this is a GBB report.
<b>Publishing Direct Type</b>	N/A – this is a GBB report.
<b>Output filename</b>	PUBLIC_SECONDARYCAPACITYTRADES_YYYYMMDD_[EVENT_QUEUE_ID].csv
<b>Notes</b>	For records with a <i>Facility Identifier</i> , <i>Receipt Zone Identifier</i> , <i>Delivery Zone Identifier</i> or <i>Park and Loan Point Identifier</i> , these refer to the zones and points registered in Part 24 of the Rules and are also contained in the <i>Transportation Facility Register</i> and <i>Transportation Service Point Register</i> .

### “I” and “D” record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	SECONDARY_CAPACITY_TRADES

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>TRANSACTION_ID</b>	STRING (50)	True	True	Unique transaction ID.	GSH1111345

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>VERSION_DATETIME</b>	DATE	True	True	The date and time record was last modified.	2018/03/13 10:45:30
<b>TRADE_DATE</b>	DATE	True	True	The date the trade was made. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>FROM_GAS_DATE</b>	DATE	True	True	The effective start date of the trade. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>TO_GAS_DATE</b>	DATE	True	True	The effective end date of the trade. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>TRADE_TYPE</b>	STRING (30)	True	False	The type of trade, for example: <ul style="list-style-type: none"> <li>• GSH screen trade</li> <li>• GSH pre-matched trade</li> <li>• GBB bilateral trade</li> </ul>	GSH screen trade
<b>FACILITY_ID</b>	INTEGER	False	False	The unique identifier of the Part 24 facility. Mandatory for facilities registered under Part 24 of the rules.	100001
<b>FACILITY_NAME</b>	STRING (100)	True	True	The descriptive name of the facility.	Moomba to Adelaide Pipeline System
<b>TRANSPORTATION_SERVICE_TYPE</b>	STRING (12)	True	True	The transportation service type, for example: <ul style="list-style-type: none"> <li>• Forward haul</li> <li>• Backhaul</li> <li>• Compression</li> <li>• Park</li> <li>• Loan</li> </ul>	Backhaul
<b>FLOW_DIRECTION</b>	STRING (20)	False	False	The direction of the flow for non-Part 24 facilities, relative to the general physical direction of the facility. Valid values are: <ul style="list-style-type: none"> <li>• NORTH</li> <li>• NORTH_EAST</li> <li>• NORTH_WEST</li> <li>• EAST</li> <li>• SOUTH_EAST</li> <li>• SOUTH</li> <li>• SOUTH_WEST</li> <li>• WEST</li> </ul>	NORTH
<b>RECEIPT_ZONE_ID</b>	INTEGER	False	False	The unique identifier of the Part 24 Receipt Zone. This is the zone in which the receipt point that was reported to AEMO is specified. Mandatory for service points registered under Part 24 of the rules.	3001
<b>RECEIPT_ZONE_NAME</b>	STRING (255)	False	False	The descriptive name of the Receipt Zone.	RP 1

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>DELIVERY_ZONE_ID</b>	INTEGER	False	False	The unique identifier of the Part 24 Delivery Zone. This is the zone in which the delivery point that was reported to AEMO is specified. Mandatory for service points registered under Part 24 of the rules.	4001
<b>DELIVERY_ZONE_NAME</b>	STRING (255)	False	False	The descriptive name of the Delivery Zone.	DP 1
<b>PARK_LOAN_POINT_ID</b>	INTEGER	False	False	The unique identifier of the Part 24 Park and Loan service point. Mandatory for service points registered under Part 24 of the rules.	5001
<b>PARK_LOAN_POINT_NAME</b>	STRING (255)	True	True	The descriptive name of the service point.	PLP 1
<b>STANDARD_OTSA</b>	STRING (255)	False	False	Flag to indicate whether a standard OTSA was used, for example: <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> Mandatory for GBB bilateral trades. Null for GSH trades.	YES
<b>PRIORITY</b>	STRING (255)	False	False	The priority of the traded capacity. Mandatory for GBB bilateral trades. Null for GSH trades.	
<b>MAX_DAILY_QUANTITY</b>	INTEGER	True	False	The traded maximum daily quantity (MDQ) (GJ/day).	240
<b>MAX_HOURLY_QUANTITY</b>	INTEGER	False	False	The traded maximum hourly quantity (GJ/hour). Null for GSH trades.	10
<b>PRICE</b>	NUMBER	True	False	The price of the traded capacity (\$/GJ/day).	4.20
<b>PRICE_STRUCTURE</b>	STRING (255)	False	False	The price structure applied over the term of the trade. Mandatory for GBB bilateral trades. Null for GSH trades.	Variable
<b>PRICE_ESCALATION_MECHANISM</b>	STRING (255)	False	False	The price escalation mechanism applied over the term of the trade. Null for GSH trades.	10% per annum
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

### 3.9 Zone Curtailment Information

#### Report details

<b>Purpose</b>	The report contains details of curtailment of nominations against secondary firm rights (CTP trades) for service points (receipt and delivery points).
<b>Access</b>	Public
<b>Trigger</b>	Event triggered when facility operators submit zone curtailment information to AEMO.

<b>Report period</b>	All curtailed quantities contained in the facility operator submission.
<b>Publishing Direct Category</b>	GSH Capacity Trading
<b>Publishing Direct Type</b>	Zone Curtailment Information
<b>Output filename</b>	PUBLIC_ZONECURTAILMENTINFORMATION_YYYYMMDD_[EVENT_QUEUE_ID].csv
<b>Notes</b>	The information in this report is based on the failed nomination quantities submitted to AEMO by facility operators.

### “I” and “D” record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	ZONE_CURTAILMENT_INFORMATION

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>FACILITY_ID</b>	INTEGER	True	True	The unique identifier of the parent facility.	100001
<b>FACILITY_NAME</b>	STRING (100)	True	False	The descriptive name of the parent facility.	Moomba to Adelaide Pipeline System
<b>SERVICE_POINT_ID</b>	INTEGER	True	True	The unique identifier of the service point.	500001
<b>SERVICE_POINT_NAME</b>	STRING (100)	True	False	The descriptive name of the service point.	SP 1
<b>SERVICE_POINT_TYPE</b>	STRING (100)	True	False	The type of service point, for example forward haul receipt point, forward haul delivery point, backhaul receipt point, backhaul delivery point, compression receipt point or compression delivery point.	FORWARD_HAUL_RECEIPT_POINT
<b>SERVICE_POINT_DESCRIPTION</b>	STRING (255)	True	False	The description of the service point.	
<b>GAS_DATE</b>	DATE	True	True	The effective gas date of the curtailed quantities. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>CURTAILED_QUANTITY</b>	NUMBER	True	False	The curtailed quantity of nominations by the facility operator for transportation capacity that has been transferred pursuant to an operational transfer (GJ)	123
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

# 4. Private reports

## 4.1 Contract Details

### Report details

<b>Purpose</b>	Provides participants with a list of all the facility operator service references and STTM contract references that are available to them for capacity trading. Participants acting as an agent will also receive a list of the service references and STTM contract references for their appointing participants.
<b>Access</b>	Private (trading participants)
<b>Trigger</b>	This report has two triggers: <ol style="list-style-type: none"> <li>1. Event triggered upon submission of Contract Details from facility operator.</li> <li>2. Time triggered daily at 6:00 AM AEST.</li> </ol>
<b>Report period</b>	All the facility operator service references and STTM contract reference in the most recent submission from facility operators that are relevant to the participant. Agents will also receive a list of all the contract details relevant to their appointing participants.
<b>Publishing Direct Category</b>	GSH Capacity Trading
<b>Publishing Direct Type</b>	Contract Details
<b>Output filename</b>	[PARTICIPANTCODE]_CONTRACT_DETAILS_YYYYMMDD_[EVENT_QUEUE_ID].csv
<b>Notes</b>	

### “I” and “D” record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	CONTRACT_DETAILS

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>PARTICIPANT_ID</b>	STRING(20)	True	True	The unique AEMO defined GSH Participant identifier.	2001
<b>PARTICIPANT_NAME</b>	STRING (80)	True	False	The descriptive name of the participant.	AGL
<b>PARTICIPANT_CODE</b>	STRING (20)	False	False	The participant code used in the ETS.	ES584
<b>FACILITY_ID</b>	INTEGER	True	True	The unique facility identifier as defined in the Transportation Facility Register.	100001
<b>FACILITY_NAME</b>	STRING (100)	True	False	The descriptive name of the facility as defined in the Transportation Facility Register.	Moomba to Adelaide Pipeline System
<b>SERVICE_REFERENCE</b>	STRING (255)	True	True	The service reference issued by the facility operator.	

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>SERVICE_REFERENCE_DESCRIPTION</b>	STRING (255)	False	False	Brief description of the service reference.	
<b>STTM_CONTRACT_REFERENCE</b>	STRING (255)	False	True	The STTM registered facility service identifier (CRN) associated with the service reference if applicable.	AGL MAPS 1234
<b>CONTRACT_TYPE</b>	STRING (7)	True	False	Indicates if a contract can be used for capacity trades, auctions or both. For example, Trade, Auction or All.	Trade
<b>START_DATE</b>	DATE	True	False	Effective start date of the contract. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>END_DATE</b>	DATE	True	False	Effective end date of the contract. Disregard the time component as this is not applicable.	2019/03/13 00:00:00
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 4.2 Contract References

### Report details

<b>Purpose</b>	Provides participants with an audit trail of the entries in the Contract References markets portal application.
<b>Access</b>	Private (trading participants)
<b>Trigger</b>	This report has two triggers: <ol style="list-style-type: none"> <li>1. Event triggered upon submission of Contract Details from facility operator.</li> <li>2. Time triggered daily at 6:00 AM AEST.</li> </ol>
<b>Report period</b>	Dependent on the trigger: <ol style="list-style-type: none"> <li>1. On event trigger – the contract reference created or updated.</li> <li>2. On time trigger – all contract references with a 'to date' equal to or greater than current date.</li> </ol>
<b>Publishing Direct Category</b>	GSH Capacity Trading
<b>Publishing Direct Type</b>	Contract References
<b>Output filename</b>	[PARTICIPANTCODE]_CONTRACTREFERENCES_YYYYMMDD_[EVENT_QUEUE_ID].csv
<b>Notes</b>	

### “I” and “D” record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	CONTRACT_REFERENCES



Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>PARTICIPANT_CODE</b>	STRING (20)	True	False	The participant code used in the ETS.	ES584
<b>PRODUCT_NAME</b>	STRING (80)	True	True	The capacity product name.	
<b>BUY_SELL_POSITION</b>	STRING (4)	True	True	Specifies the position that the contract reference must be used for, for example Buy, Sell or Both.	Buy
<b>FROM_GAS_DATE</b>	DATE	True	True	The first gas date that the contract reference takes effect from. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>TO_GAS_DATE</b>	DATE	True	True	The last gas date that the contract reference takes effect until. Disregard the time component as this is not applicable.	2018/03/20 00:00:00
<b>STEP_NUMBER</b>	INTEGER	True	True	The step number for the corresponding capacity quantity.	1
<b>SERVICE_REFERENCE</b>	STRING (255)	True	False	The service reference issued by the facility operator.	
<b>SERVICE_REFERENCE_STATUS</b>	STRING (20)	True	False	The status of the service reference, for example Valid, Missing or Expired.	Valid
<b>STTM_CONTRACT_REFERENCE</b>	STRING (255)	False	False	The STTM registered facility service identifier (CRN) associated with the service reference.	AGL MAPS 1234
<b>STTM_CONTRACT_REFERENCE_STATUS</b>	STRING (20)	False	False	The status of the STTM contract reference, for example Valid, Missing or Expired.	Missing
<b>DWGM_REFERENCE</b>	STRING (255)	False	False	The DWGM accreditation reference associated with the transfer.	
<b>DWGM_REFERENCE_STATUS</b>	STRING (20)	False	False	The status of the DWGM accreditation reference, for example Valid, Missing or Expired.	Expired
<b>STEP_QUANTITY</b>	INTEGER	False	False	The step quantity to applied to the contract reference (GJ/day).	56
<b>VERSION_DATETIME</b>	DATE	True	False	The date & time the preference was updated.	2018/02/02 08:20:00
<b>LAST_UPDATED</b>	DATE	True	False	The date & time the preference was updated.	2018/02/02 08:20:00
<b>LAST_UPDATED_BY</b>	STRING (20)	True	False	The user name who updated the preference.	jsmith
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 4.3 CTP Receipt and Delivery Point Preferences

### Report details

<b>Purpose</b>	Provides trading participants with an audit trail of the entries in the CTP Receipt and Delivery Point Preferences markets portal application.
<b>Access</b>	Private (trading participants)
<b>Trigger</b>	This report has two triggers: <ol style="list-style-type: none"> <li>1. Event triggered upon user new entry or update of receipt and delivery point preferences.</li> <li>2. Time triggered daily at 6:00 AM AEST.</li> </ol>
<b>Report period</b>	Dependent on the trigger: <ol style="list-style-type: none"> <li>1. On event trigger – the receipt and delivery point preference created or updated.</li> <li>2. On time trigger – all receipt and delivery point preferences with a ‘to date’ equal to or greater than current date.</li> </ol>
<b>Publishing Direct Category</b>	GSH Capacity Trading
<b>Publishing Direct Type</b>	CTP Receipt and Delivery Point Preferences
<b>Output filename</b>	[PARTICIPANTCODE]_RECEIPTDELIVERYPOINTPREFERENCES_yyyyymmdd_[EVENT_QUEUE_ID].csv
<b>Notes</b>	

### “I” and “D” record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	RECEIPT_DELIVERY_POINT_PREFERENCES

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>PARTICIPANT_CODE</b>	STRING (20)	True	False	The participant code used in the ETS.	ES584
<b>PRODUCT_NAME</b>	STRING (80)	True	True	The capacity product name.	
<b>BUY_SELL_POSITION</b>	STRING (4)	True	True	Specifies the position that the contract reference must be used for, for example Buy, Sell or Both.	Buy
<b>FROM_GAS_DATE</b>	DATE	True	True	The first gas date that the contract reference takes effect from. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>TO_GAS_DATE</b>	DATE	True	True	The last gas date that the contract reference takes effect until. Disregard the time component as this is not applicable.	2018/03/20 00:00:00
<b>OVERRIDE_FLAG</b>	STRING (3)	True	True	A flag to indicate whether the receipt and delivery points specified in the original order should override this preference, for example Yes or No.	Yes
<b>STEP_NUMBER</b>	INTEGER	True	True	The step number for the corresponding capacity quantity.	1

Field Name	Data Type	Not Null	Primary Key	Description	Examples
RECEIPT_POINT_ID	INTEGER	True	True	The unique identifier of the Receipt Point as defined in the Transportation Service Point Register. This is the point where gas is injected into the pipeline	2001
RECEIPT_POINT_NAME	STRING (255)	True	False	The descriptive name of the Receipt Point as defined in the Transportation Service Point Register.	Run 1
DELIVERY_POINT_ID	INTEGER	True	True	The unique identifier of the Delivery Point as defined in the Transportation Service Point Register. This is the point where gas is withdrawn from the pipeline. Mandatory for service points registered under Part 24 of the rules.	3001
DELIVERY_POINT_NAME	STRING (255)	True	False	The descriptive name of the Delivery Point as defined in the Transportation Service Point Register.	Run 5
STEP_QUANTITY	INTEGER	False	False	The step quantity to applied to the contract reference (GJ/day).	56
VERSION_DATETIME	DATE	True	False	The date & time the preference was updated.	2018/02/02 08:20:00
LAST_UPDATED	DATE	True	False	The date & time the preference was updated.	2018/02/02 08:20:00
LAST_UPDATED_BY	STRING (20)	True	False	The user name who updated the preference.	jsmith
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 4.4 Capacity Transfer Notice

### Report details

<b>Purpose</b>	Provides a list of capacity quantities per shipper contract that facility operators use to update the capacity quantity on the relevant shipper contracts in their own systems.
<b>Access</b>	Private (facility operators)
<b>Trigger</b>	<p>This report has three triggers:</p> <ol style="list-style-type: none"> <li>1. Event triggered on completion of a capacity netting process or capacity netting fall back process following close of trade for day ahead products.</li> <li>2. Event triggered on completion of a capacity netting process or capacity netting fall back process following close of trade for non-day ahead capacity products.</li> <li>3. Event triggered on failure of capacity transfer in STTM or DWGM.</li> </ol>
<b>Report period</b>	<p>Dependent on the trigger:</p> <ol style="list-style-type: none"> <li>1. At completion of the capacity netting process or capacity netting fall back process for day ahead products – the report will contain all day ahead trades that were output by the corresponding netting run.</li> </ol>

2. At completion of the capacity netting process or capacity netting fall back process for non-day ahead products – the report will contain all trades that were output by the corresponding netting run.
3. On failure of capacity transfer in STTM or DWGM – the report will contain all records from the corresponding initial Capacity Transfer Notice.

<b>Publishing Direct Category</b>	GSH Capacity Trading
<b>Publishing Direct Type</b>	Capacity Transfer Notice
<b>Output filename</b>	[PARTICIPANTCODE]_CAPACITYTRANSFERNOTICE_YYYYMMDD_[EVENT_QUEUE_ID].csv
<b>Notes</b>	<p>The report includes:</p> <ol style="list-style-type: none"> <li>1. Netted capacity quantities produced by the capacity netting process.</li> <li>2. Original traded capacity quantities where netted capacity quantities are not available due to a system failure of the capacity netting module.</li> <li>3. Adjustments to capacity quantities as a result of cancelled trades.</li> </ol> <p>Each published instance of the report includes both the incremental quantity change and overall quantity change for a shipper’s contracted capacity. The incremental quantity represents the precise capacity quantity change relevant to each issue of the report. The report is re-issued to facility operators if a capacity transfer fails in the STTM or DWGM, with an instruction to reverse the previously issued capacity transfer quantity. The overall quantity represents the overall change in contracted capacity for the specific gas day.</p> <p>Park product transfers are identified by empty zone details and identical receipt and delivery points.</p>

### “I” and “D” record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	CAPACITY_TRANSFER_NOTICE

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>CAPACITY_TRANSFER_ID</b>	INTEGER	True	True	The unique AEMO defined Capacity Transfer transaction identifier.	23345
<b>CAPACITY_TRANSFER_GROUP_ID</b>	INTEGER	True	False	The unique identifier for a group of capacity transfer records.	1003
<b>FACILITY_ID</b>	INTEGER	True	False	The unique facility identifier as defined in the Transportation Facility Register.	100001
<b>FACILITY_NAME</b>	STRING (100)	True	False	The descriptive name of the facility as defined in the Transportation Facility Register.	Moomba to Adelaide Pipeline System
<b>PARTICIPANT_ID</b>	STRING (20)	True	False	The unique AEMO defined GSH Participant identifier.	ES584
<b>PARTICIPANT_NAME</b>	STRING (80)	True	False	The descriptive name of the participant.	AGL
<b>SERVICE_REFERENCE</b>	STRING (255)	True	False	The service reference issued by the facility operator.	
<b>STTM_CONTRACT_REFERENCE</b>	STRING (255)	False	False	The STTM registered facility service identifier (CRN) associated with the service reference.	AGL MAPS 1234

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>RECEIPT_POINT_ID</b>	INTEGER	True	False	The unique identifier of the Receipt Point as defined in the Transportation Service Point Register. This is the point where gas is injected into the pipeline. For Park products, this will be identical to the DELIVERY_POINT_ID.	2001
<b>RECEIPT_POINT_NAME</b>	STRING (255)	True	False	The descriptive name of the Receipt Point as defined in the Transportation Service Point Register. For Park products, this will be identical to the DELIVERY_POINT_NAME.	Run 1
<b>DELIVERY_POINT_ID</b>	INTEGER	True	False	The unique identifier of the Delivery Point as defined in the Transportation Service Point Register. This is the point where gas is withdrawn from the pipeline. For Park products, this will be identical to the RECEIPT_POINT_ID.	3001
<b>DELIVERY_POINT_NAME</b>	STRING (255)	True	False	The descriptive name of the Delivery Point as defined in the Transportation Service Point Register. For Park products, this will be identical to the RECEIPT_POINT_NAME.	Run 5
<b>RECEIPT_ZONE_ID</b>	INTEGER	False	False	The unique identifier of the Receipt Zone as defined in the Transportation Service Point Register. For Park products, this will be NULL.	4001
<b>RECEIPT_ZONE_NAME</b>	STRING (255)	False	False	The descriptive name of the Receipt Zone as defined in the Transportation Service Point Register. For Park products, this will be NULL.	REC Zone 1
<b>DELIVERY_ZONE_ID</b>	INTEGER	False	False	The unique identifier of the Delivery Zone as defined in the Transportation Service Point Register. For Park products, this will be NULL.	5001
<b>DELIVERY_ZONE_NAME</b>	STRING (255)	False	False	The descriptive name of the Delivery Zone as defined in the Transportation Service Point Register. For Park products, this will be NULL.	DEL Zone 1
<b>GAS_DATE</b>	DATE	True	False	The gas date that the capacity change applies to. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>INCREMENTAL_QUANTITY_CHANGE</b>	INTEGER	True	False	The incremental capacity quantity adjustment (GJ/day) to be applied to the service reference for this transfer date and gas date. This is a signed value (+/-).	125
<b>OVERALL_QUANTITY_CHANGE</b>	INTEGER	True	False	The overall capacity quantity adjustment (GJ/day) applied to the relevant contracts for this transfer date and gas date. This is a signed value (+/-).	-345

Field Name	Data Type	Not Null	Primary Key	Description	Examples
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 4.5 Shipper Capacity Transfer Notification

### Report details

<b>Purpose</b>	Provides the status of a trading participant's capacity transfer related to one or more capacity trades. This notice is issued each time a capacity transfer record has a status change as a result of capacity transfer in the facility operator system or AEMO system. Facility operators receive a copy of this report as an audit trail for their own records.
<b>Access</b>	Private (trading participants and facility operators)
<b>Trigger</b>	Event triggered when a capacity transfer record has a status change.
<b>Report period</b>	All capacity transfer records that have had a status change.
<b>Publishing Direct Category</b>	GSH Capacity Trading
<b>Publishing Direct Type</b>	Shipper Capacity Transfer Notification
<b>Output filename</b>	[PARTICIPANTCODE]_SHIPPERCAPACITYTRANSFERNOTICE_yyyymmdd_-[EVENT_QUEUE_ID].csv
<b>Notes</b>	Park product transfers are identified by empty zone details and identical receipt and delivery points.

### "I" and "D" record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	SHIPPER_CAPACITY_TRANSFER_NOTIFICATION

Field Name	Data Type	Not Null	Primary Key	Description	Examples
CAPACITY_TRANSFER_ID	INTEGER	True	True	The unique AEMO defined Capacity Transfer transaction identifier.	23345
GAS_DATE	DATE	True	False	The gas date for the capacity change. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
PARTICIPANT_ID	STRING(20)	True	False	The unique AEMO defined Participant identifier.	2001
PARTICIPANT_CODE	STRING (20)	True	False	The participant code used in the ETS.	ES584
PARTICIPANT_NAME	STRING (80)	True	False	The descriptive name of the participant.	AGL
FACILITY_ID	INTEGER	True	False	The unique facility identifier as defined in the Transportation Facility Register.	100001
FACILITY_NAME	STRING (100)	True	False	The descriptive name of the facility as defined in the Transportation Facility Register.	Moomba to Adelaide Pipeline System

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>SERVICE_REFERENCE</b>	STRING (255)	True	False	The service reference issued by the facility operator.	
<b>STTM_CONTRACT_REFERENCE</b>	STRING (255)	False	False	The STTM registered facility service identifier (CRN) associated with the service reference.	AGL MAPS 1234
<b>DWGM_REFERENCE</b>	STRING (255)	False	False	The DWGM accreditation reference associated with the transfer.	
<b>RECEIPT_POINT_ID</b>	INTEGER	True	False	The unique identifier of the Receipt Point as defined in the Transportation Service Point Register. This is the point where gas is injected into the pipeline. For Park products, this will be identical to the DELIVERY_POINT_ID.	2001
<b>RECEIPT_POINT_NAME</b>	STRING (255)	True	False	The descriptive name of the Receipt Point as defined in the Transportation Service Point Register. For Park products, this will be identical to the DELIVERY_POINT_NAME.	Run 1
<b>DELIVERY_POINT_ID</b>	INTEGER	True	False	The unique identifier of the Delivery Point as defined in the Transportation Service Point Register. This is the point where gas is withdrawn from the pipeline. For Park products, this will be identical to the RECEIPT_POINT_ID.	3001
<b>DELIVERY_POINT_NAME</b>	STRING (255)	True	False	The descriptive name of the Delivery Point as defined in the Transportation Service Point Register. For Park products, this will be identical to the RECEIPT_POINT_NAME.	Run 5
<b>RECEIPT_ZONE_ID</b>	INTEGER	False	False	The unique identifier of the Receipt Zone as defined in the Transportation Service Point Register. For Park products, this will be NULL.	4001
<b>RECEIPT_ZONE_NAME</b>	STRING (255)	False	False	The descriptive name of the Receipt Zone as defined in the Transportation Service Point Register. For Park products, this will be NULL.	REC Zone 1
<b>DELIVERY_ZONE_ID</b>	INTEGER	False	False	The unique identifier of the Delivery Zone as defined in the Transportation Service Point Register. For Park products, this will be NULL.	5001
<b>DELIVERY_ZONE_NAME</b>	STRING (255)	False	False	The descriptive name of the Delivery Zone as defined in the Transportation Service Point Register. For Park products, this will be NULL.	DEL Zone 1
<b>STATUS</b>	STRING (11)	True	False	The status of the capacity transfer, for example Transferred, Partial, Pending, Rejected or Cancelled.	Transferred

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>SYSTEM</b>	STRING (11)	True	False	The system that has processed the capacity transfer, for example Facility operator, AEMO, AEMO STTM or AEMO DWGM.	AEMO STTM
<b>REASON</b>	STRING (25)	False	False	The reason for a rejected or cancelled capacity transfer, for example Buyer delivery contract, Seller delivery fault, system issue or matching record not found.	Seller delivery fault
<b>TRANSACTION_COMPLETED_FLAG</b>	STRING (3)	True	False	Flag to indicate whether the capacity transfer process is completed, for example yes or no.	Yes
<b>OVERALL_QUANTITY_CHANGE</b>	INTEGER	True	False	The overall capacity quantity adjustment (GJ/day) applied to the relevant contracts for this transfer date and gas date. This is a signed value (+/-).	-345
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 4.6 Auction Bid Confirmation

### Report details

<b>Purpose</b>	Provides a confirmation to auction participants that their auction bid has been successfully submitted.
<b>Access</b>	Private (auction participants)
<b>Trigger</b>	Event triggered on successful submission of an auction bid.
<b>Report period</b>	One auction bid submission.
<b>Publishing Direct Category</b>	Day Ahead Auction
<b>Publishing Direct Type</b>	Auction Bid Confirmation
<b>Output filename</b>	[PARTICIPANTCODE]_AUCTIONBIDCONFIRMATION_yyyymmdd-[EVENT_QUEUE_ID].csv
<b>Notes</b>	

### “I” and “D” record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	AUCTION_SUBMISSION

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>SUBMISSION_ID</b>	INTEGER	True	True	Unique bid submission ID.	11100



Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>SUBMISSION_TIME</b>	DATE	True	False	The date and time of bid submission.	2018/03/01 13:23:45
<b>PARTICIPANT_CODE</b>	INTEGER	True	False	The unique identifier of the participant	74
<b>FROM_GAS_DATE</b>	DATE	True	False	The first gas day of the auction bid. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>TO_GAS_DATE</b>	DATE	True	False	The last gas day of the auction bid. Disregard the time component as this is not applicable.	2018/03/20 00:00:00
<b>LAST_UPDATED</b>	DATE	True	False	The date & time the bid was submitted or updated.	2018/02/02 08:20:00
<b>LAST_UPDATED_BY</b>	STRING (20)	True	False	The user name who submitted or updated the bid.	jsmith
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

**Report type** GSH

**Report subtype** AUCTION\_BID\_PROFILE

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>SUBMISSION_TIME</b>	DATE	True	True	The date and time of bid submission.	2018/03/01 13:23:45
<b>PARTICIPANT_CODE</b>	INTEGER	True	True	The unique identifier of the participant	74
<b>GAS_DATE</b>	DATE	True	True	The gas day of the auction bid. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>LAST_UPDATED_BY</b>	STRING (20)	True	False	The user name who submitted or updated the bid.	jsmith
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

**Report type** GSH

**Report subtype** AUCTION\_BID

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>BID_ID</b>	INTEGER	True	True	The unique identifier of the bid within the bid submission. A bid consists of a	1

Field Name	Data Type	Not Null	Primary Key	Description	Examples
				collection of products and one set of price and step quantities.	
<b>SUBMISSION_TIME</b>	DATE	True	True	The date and time of bid submission.	2018/03/01 13:23:45
<b>GAS_DATE</b>	DATE	True	True	The gas day of the auction bid. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>PARTICIPANT_CODE</b>	INTEGER	True	True	The unique identifier of the participant	74
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

<b>Report type</b>	GSH
<b>Report subtype</b>	AUCTION_BID_PRODUCT

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>BID_ID</b>	INTEGER	True	True	The unique identifier of the bid.	1
<b>SUBMISSION_TIME</b>	DATE	True	True	The date and time of bid submission.	2018/03/01 13:23:45
<b>GAS_DATE</b>	DATE	True	True	The gas day of the auction bid. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>PARTICIPANT_CODE</b>	INTEGER	True	True	The unique identifier of the participant	74
<b>AUCTION_PRODUCT_TYPE</b>	STRING (20)	True	True	The product type, for example Forward Haul, Backhaul, Compression	Forward Haul
<b>RECEIPT_POINT_ID</b>	INTEGER	True	True	The unique identifier of the Receipt Point as defined in the Transportation Service Point Register. This is the point where gas is injected into the pipeline	2001
<b>RECEIPT_POINT_NAME</b>	STRING (255)	True	False	The descriptive name of the Receipt Point as defined in the Transportation Service Point Register.	Run 1
<b>RP_DWGM_REFERENCE</b>	STRING (255)	False	False	The DWGM accreditation reference associated with the Receipt Point.	
<b>DELIVERY_POINT_ID</b>	INTEGER	True	True	The unique identifier of the Delivery Point as defined in the Transportation Service Point Register. This is the point where gas is withdrawn from the pipeline. Mandatory for service points registered under Part 24 of the rules.	3001

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>DELIVERY_POINT_NAME</b>	STRING (255)	True	False	The descriptive name of the Delivery Point as defined in the Transportation Service Point Register.	Run 5
<b>DP_DWGM_REFERENCE</b>	STRING (255)	False	False	The DWGM accreditation reference associated with the Delivery Point.	
<b>SERVICE_REFERENCE</b>	STRING (255)	True	False	The service reference issued by the facility operator.	
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00
<b>Report type</b>	GSH				
<b>Report subtype</b>	AUCTION_BID_STEPS				

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>BID_ID</b>	INTEGER	True	True	The unique identifier of the bid.	1
<b>SUBMISSION_TIME</b>	DATE	True	True	The date and time of bid submission.	2018/03/01 13:23:45
<b>GAS_DATE</b>	DATE	True	True	The gas day of the auction bid. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>PARTICIPANT_CODE</b>	INTEGER	True	True	The unique identifier of the participant	74
<b>STEP_NUMBER</b>	INTEGER	True	True	The step number, ranging from 1 to 10.	1
<b>STEP_PRICE</b>	NUMBER	True	False	The step price.	3.22
<b>STEP_QUANTITY</b>	INTEGER	True	False	The cumulative step quantity.	125
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 4.7 Auction Results

### Report details

<b>Purpose</b>	Specifies the details of the capacity won at auction. Facility operators use this information to identify the shippers that have won capacity and are eligible to use the capacity for day ahead nominations. Auction Participants use this information to determine their day ahead nominations.
<b>Access</b>	Private (auction participants & facility operators)
<b>Trigger</b>	Event triggered on completion of the daily auction run.
<b>Report period</b>	For auction participants - All winning bids for the auction participant.

For facility operators - All winning bids from the auction run for products on facilities operated by the facility operator.

<b>Publishing Direct Category</b>	Day Ahead Auction
<b>Publishing Direct Type</b>	Auction Results
<b>Output filename</b>	[PARTICIPANTCODE]_AUCTIONRESULTS_yyyymmdd_[EVENT_QUEUE_ID].csv
<b>Notes</b>	<p>Facility operators that have an active facility in the auction will receive this report, regardless of whether there is any auction quantity won on their facility.</p> <p>Auction participants that have an active bid in the auction will receive this report, regardless of whether they win any capacity in the auction.</p>

### "I" and "D" record specifications

<b>Report type</b>	GSH
<b>Report subtype</b>	AUCTION_RUN

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>AUCTION_DATE</b>	DATE	True	True	The date of the auction.	2018/03/13 00:00:00
<b>GAS_DATE</b>	DATE	True	True	The gas date for which capacity is assigned to the shipper.	2018/03/13 00:00:00
<b>AUCTION_RUN_DATE TIME</b>	DATE	True	True	The date and time that the auction was run.	2018/03/13 17:31:30
<b>PARTICIPANT_ID</b>	STRING (20)	True	True	The unique AEMO defined GSH participant identifier.	ES584
<b>PARTICIPANT_CODE</b>	STRING (20)	False	False	The unique participant code.	SE584
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/03/13 17:31:30

<b>Report type</b>	GSH
<b>Report subtype</b>	AUCTION_RESULTS

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>AUCTION_TRANSACTION_ID</b>	INTEGER	True	True	The unique identifier of the auction transaction.	23345
<b>AUCTION_DATE</b>	DATE	True	False	The date of the auction. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
<b>FACILITY_ID</b>	INTEGER	True	False	The unique facility identifier as defined in the Transportation Facility Register.	100001

Field Name	Data Type	Not Null	Primary Key	Description	Examples
<b>FACILITY_NAME</b>	STRING (100)	True	False	The descriptive name of the facility as defined in the Transportation Facility Register.	Moomba to Adelaide Pipeline System
<b>PARTICIPANT_ID</b>	STRING(20)	True	True	The unique AEMO defined GSH Participant identifier.	2001
<b>PARTICIPANT_CODE</b>	STRING (20)	True	False	The unique identifier of the participant	ES584
<b>PARTICIPANT_NAME</b>	STRING (80)	True	False	The descriptive name of the participant.	AGL
<b>SERVICE_REFERENCE</b>	STRING (255)	True	False	The service reference issued by the facility operator.	
<b>RECEIPT_POINT_ID</b>	INTEGER	True	False	The unique identifier of the Receipt Point as defined in the Transportation Service Point Register. This is the point where gas is injected into the pipeline	2001
<b>RECEIPT_POINT_NAME</b>	STRING (255)	True	False	The descriptive name of the Receipt Point as defined in the Transportation Service Point Register.	Run 1
<b>RP_DWGM_REFERENCE</b>	STRING (255)	False	False	The DWGM accreditation reference associated with the Receipt Point.	
<b>DELIVERY_POINT_ID</b>	INTEGER	True	False	The unique identifier of the Delivery Point as defined in the Transportation Service Point Register. This is the point where gas is withdrawn from the pipeline. Mandatory for service points registered under Part 24 of the rules.	3001
<b>DELIVERY_POINT_NAME</b>	STRING (255)	True	False	The descriptive name of the Delivery Point as defined in the Transportation Service Point Register.	Run 5
<b>DP_DWGM_REFERENCE</b>	STRING (255)	False	False	The DWGM accreditation reference associated with the Delivery Point.	
<b>AUCTION_QUANTITY_WON</b>	INTEGER	True	False	The capacity quantity won at auction (GJ/day) by the participant.	100
<b>GAS_DATE</b>	DATE	True	False	The gas date for which capacity is assigned to the shipper.	2018/02/02 00:00:00
<b>PRODUCT_PRICE</b>	NUMBER	True	False	The price of the auction product won at auction (\$/GJ) by the participant.	3.15
<b>LASTCHANGED</b>	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

# 5. Glossary

## 5.1 Abbreviations

Abbreviation	Explanation
AEMO	Australian Energy Market Operator.
CSV	Comma Separated Values. Stores tabular data (numbers and text) in plain-text form. Plain text means the content is a sequence of characters, with no data that must be interpreted instead as binary numbers.
CTP	Capacity transfer platform
DAA	Day-ahead auction

## 5.2 Terms

Term	Definition
Connection Point	A receipt point or delivery point.
e-Hub	API Web Portal and the API Gateway for both electricity and gas.
Rules	The National Gas Rules.
Facility operator	An operator of a pipeline or compression facility.

# 6. Needing help

## 6.1 Requesting AEMO assistance

IT assistance is requested through one of the following methods:

- Phone: 1300 AEMO 00 (1300 236 600)
  - For non-urgent issues, normal coverage is 8:00 AM to 6:00 PM on weekdays, Australian Eastern Standard Time (AEST).
- Email: [supporthub@aemo.com.au](mailto:supporthub@aemo.com.au).

## 6.2 Information to provide

Please provide the following information when requesting IT assistance from AEMO:

- Your name
- Organisation name
- Participant ID
- System or application name

- Environment: production or pre-production
- Problem description
- Screenshots