



# GUIDE TO CAPACITY TRANSFER AND DAY-AHEAD AUCTION REPORTS

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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### 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

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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's 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 5.2.
  - *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](#).

**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
--

**Error! Reference source not found.** on page 6 details the format of each component in the filename.



Table 1 **Report filename components**

Name part	Description	Format
[PARTICIPANT_CODE]	The participant code for private participant reports, or the word PUBLIC for public reports	Four alphanumeric characters, or 'PUBLIC'
[FILE_ID]	The report name	Up to 28 alpha characters long
[PERIOD_ID]	The report period identification	YYYYMMDD
[CONTENT_ID]	The file content id, this is an optional part of the filename, it only applies to some reports	Up to 20 alphanumeric characters long
[EVENT_QUEUE_ID]	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.

## 2.4 Report definitions

Each report consists of the following sections:

### Report details

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





Notes

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.

Report type

Each report contains only one report type. This is used in “I” and “D” records

Report subtype

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

Field Name

Name of the field displayed on the header row

Data Type

Actual data type of the source data. May be useful in designing data storage schema

Not Null

Describes whether the field is mandatory (true = mandatory).

Primary Key

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 are not definable or are defined to include fields that may hold Null values.

Description

Gives further explanation for the data element.

Example

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

#### 3.1.1 Report details

Purpose	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.
Access	Public
Trigger	<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>
Report period	Registration details of all facilities currently registered in the CTP and DAA markets.
Publishing Direct Category	GSH Registration and Contacts
Publishing Direct Type	Transportation Facility Register
Output filename	PUBLIC_REGISTEREDFACILITIES_yyyymmdd_[EVENT_QUEUE_ID].csv
Notes	

#### 3.1.2 “I” and “D” record specifications

Report type	GSH
Report subtype	FACILITIES

Field name	Data Type	Not Null	PK	Description	Example
FACILITY_ID	INTEGER	True	True	The unique identifier of the facility.	10001
FACILITY_NAME	STRING (100)	True	False	The descriptive name of the facility.	MAPS





Field name	Data Type	Not Null	PK	Description	Example
FACILITY_DESCRIPTION	STRING (400)	True	False	The descriptive name of the facility.	Moomba to Adelaide Pipeline System
FACILITY_TYPE	STRING (20)	True	False	The type of facility, for example pipe or compressor.	PIPE, COMPRESSOR
OPERATOR_ID	STRING (20)	True	False	The unique identifier of the Facility Operator that operates the facility.	584
OPERATOR_NAME	STRING (100)	True	False	The descriptive name of the participant.	AGL
EFFECTIVEDATE	DATE	True	True	The effective date of the facility.	2018/03/01 08:20:00
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

## 3.2 Transportation Service Point Register

### 3.2.1 Report details

Purpose	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.
Access	Public
Trigger	<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>
Report period	Registration details of all service points currently registered in the CTP and DAA markets.



Publishing Direct Category	GSH Registration and Contacts
Publishing Direct Type	Transportation Service Point Register
Output filename	PUBLIC_REGISTEREDSERVICEPOINTS_yyyymmdd_[EVENT_QUEUE_ID].csv
Notes	

### 3.2.2 “I” and “D” record specifications

Report type	GSH
Report subtype	ZONES

Field name	Data Type	Not Null	PK	Description	Example
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 public auction reports, for example yes or no.	YES
EFFECTIVEDATE	DATE	True	True	The effective date of the zone.	2018/03/01 08:20:00
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



Report type	GSH
Report subtype	SEGMENTS

Field name	Data Type	Not Null	PK	Description	Example
FACILITY_ID	INTEGER	True	False	The unique identifier of the parent facility.	100001
FACILITY_NAME	STRING (100)	True	False	The descriptive name of the parent facility.	Moomba to Adelaide Pipeline System
SEGMENT_ID	INTEGER	True	True	The unique identifier of the pipeline segment or compression service.	30001
SEGMENT_NAME	STRING (100)	True	False	The descriptive name of the pipeline segment or compression service.	Segment 1
SEGMENT_TYPE	STRING (20)	True	False	The segment type, for example Forward Haul, Backhaul or Compression Service	Forward Haul
FROM_ID	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
FROM_NAME	STRING (100)	True	False	The descriptive name of the zone or point.	Zone 1
TO_ID	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
TO_NAME	STRING (100)	True	False	The descriptive name of the zone or point.	Zone 2
EFFECTIVEDATE	DATE	True	True	The effective date of the segment.	2018/03/01 08:20:00



Field name	Data Type	Not Null	PK	Description	Example
VERSION_DATETIME	DATE	True	True	The version timestamp of the record	2018/02/01 06:20:34

FOR_AUCTION_PUBLIC ATION	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
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LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00
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Report type	GSH
Report subtype	SERVICE_POINTS

Field name	Data Type	Not Null	PK	Description	Example
FACILITY_ID	INTEGER	True	True	The unique identifier of the parent facility.	100001
FACILITY_NAME	STRING(100)	True	False	The descriptive name of the parent facility.	Moomba to Adelaide Pipeline System
SERVICE_POINT_ID	INTEGER	True	True	The unique identifier of the service point.	500001
SERVICE_POINT_NAME	STRING(100)	True	False	The descriptive name of the service point.	SP 1
SERVICE_POINT_TYPE	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
SERVICE_POINT_DESCRIPTION	STRING(255)	True	False	The description of the service point.	



Field name	Data Type	Not Null	PK	Description	Example
NOTIONAL_POINT	STRING(3)	True	False	Flag to indicate if the service point is a notional point, for example Yes or No.	YES
ZONE_ID	INTEGER	True	True	The unique identifier of the zone in which the service point is located.	20001
ZONE_NAME	STRING(100)	True	False	The descriptive name of the zone.	Zone 1
GBB_CONNECTION_POINT_ID	INTEGER	False	False	The corresponding GBB connection point identifier.	150001
GBB_CONNECTION_POINT_NAME	STRING(100)	False	False	The descriptive name of the corresponding GBB connection point.	Moomba Gas Plant
FOR_AUCTION_PUBLICATION	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
EFFECTIVEDATE	DATE	True	True	The effective date of the service point.	2018/03/01 08:20:00
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

Report type	GSH
Report subtype	NOTIONAL_POINTS

Field name	Data Type	Not Null	PK	Description	Example
SERVICE_POINT_ID	INTEGER	True	True	The unique identifier of the service point.	500001



Field name	Data Type	Not Null	PK	Description	Example
SERVICE_POINT_NAME	STRING (100)	True	False	The descriptive name of the service point.	SP 1
PHYSICAL_POINT_NAME	STRING (100)	True	False	The descriptive name of the physical point associated with the notional point.	SP 2
GBB_CONNECTION_POINT_ID	INTEGER	False	False	The corresponding GBB connection point identifier.	150001
EFFECTIVEDATE	DATE	True	True	The effective date of the notional point.	2018/03/01 08:20:00
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

Report type	GSH
Report subtype	PARK_SERVICES

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



Field name	Data Type	Not Null	PK	Description	Example
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

### 3.3.1 Report details

Purpose	The report lists the auction limit quantities for each product component available for the day ahead auction.
Access	Public
Trigger	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.
Report period	All auction quantities valid for the auction to be run on the current day.
Publishing Direct Category	Day Ahead Auction
Publishing Direct Type	Auction Quantities
Output filename	PUBLIC_AUCTIONQUANTITIES_yyyymmdd_[EVENT_QUEUE_ID].csv
Notes	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.

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

Report type	GSH
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Report subtype

AUCTION\_QUANTITIES

Field name	Data Type	Not Null	PK	Description	Example
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
LIMIT_ID	INTEGER	True	True	The unique identifier of the auction limit.	500001
LIMIT_NAME	STRING (100)	True	False	The descriptive name of the auction limit.	MAPS Segment 1
LIMIT_QUANTITY	INTEGER	True	False	The available auction quantity of the limit in GJ.	234
TRANSITIONAL_RIGHTS_QUANTITY	INTEGER	False	False	The quantity of nominations against grandfathered rights in GJ, for the <u>previous</u> gas day.	120
OPERATIONAL_OVERRIDE	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
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00



## 3.4 Auction Product Price and Volume

### 3.4.1 Report details

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

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

Report type	GSH
Report subtype	AUCTION_PRICE_VOLUME

Field name	Data Type	Not Null	PK	Description	Example
AUCTION_DATE	DATE	True	True	The date of the auction run. 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 prices are valid for. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
FACILITY_ID	INTEGER	True	True	The unique identifier of the facility.	100001



Field name	Data Type	Not Null	PK	Description	Example
FACILITY_NAME	STRING (100)	True	False	The descriptive name of the facility.	Moomba to Adelaide Pipeline System
LIMIT_ID	INTEGER	True	True	The unique identifier of the auction limit.	500001
LIMIT_NAME	STRING (100)	True	False	The descriptive name of the auction limit.	MAPS Segment 1
LIMIT_TYPE	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
CLEARED_QUANTITY	INTEGER	True	False	The capacity quantity cleared at auction (GJ/day).	500
CLEARED_PRICE	NUMBER	True	False	The cleared auction price (\$/GJ).	5.4535
HIGH_PRICE_SENSITIVITY	NUMBER	False	False	The high price sensitivity factor applied to the price (\$/GJ).	6.4534
LOW_PRICE_SENSITIVITY	NUMBER	False	False	The low price sensitivity factor applied to the price (\$/GJ).	4.5056
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00



## 3.5 Revised Auction Quantities

### 3.5.1 Report details

Purpose	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>
Access	Public
Trigger	Time triggered at 2:00 PM (AEST) on gas day D+1.
Report period	All facilities included in the auction run on gas day D-1 for gas day D.
Publishing Direct Category	Day Ahead Auction
Publishing Direct Type	Revised Auction Quantities
Output filename	PUBLIC_REVISED_AUCTION_QUANTITIES_YYYYMMDD_[EVENT_QUEUE_ID].csv
Notes	The information in this report is based on the revised auction quantities submitted to AEMO by facility operators.

### 3.5.2 “I” and “D” record specifications

Report type	GSH
Report subtype	REVISED_AUCTION_QUANTITIES

Field name	Data Type	Not Null	PK	Description	Example
AUCTION_DATE	DATE	True	True	The date of the auction run. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
GAS_DATE	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



Field name	Data Type	Not Null	PK	Description	Example
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
SERVICE_TYPE	STRING (20)	True	True	The type of service, for example Forward Haul, Backhaul or Compression.	Backhaul
AGG_CLEARED_QUANTITY	INTEGER	True	False	The aggregated initial cleared capacity quantity as determined by the auction (GJ/day).	500
AGG_REVISED_QUANTITY	INTEGER	True	False	The aggregated revised auction capacity quantity (GJ/day).	500
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 3.6 Auction Service Curtailment Notice

### 3.6.1 Report details

Purpose	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.
Access	Public
Trigger	Event triggered when facility operators submit curtailment notice to AEMO.
Report period	All curtailment notices contained in the facility operator submission.
Publishing Direct Category	Day Ahead Auction
Publishing Direct Type	Auction Service Curtailment Notice
Output filename	PUBLIC_AUCTIONCURTAILMENTNOTICE_YYYYMMDD_[EVENT_QUEUE_ID].csv



Notes	The information in this report is based on the curtailment notices submitted to AEMO by facility operators.
-------	---

### 3.6.2 “I” and “D” record specifications

Report type	GBB
Report subtype	AUCTION_CURTAILMENT_NOTICE

Field name	Data Type	Not Null	PK	Description	Example
NOTICE_ID	INTEGER	True	True	The unique identifier of the notice.	123
FACILITY_ID	INTEGER	True	True	The unique identifier of the facility registered in the GBB.	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
MATERIAL	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
DESCRIPTION	STRING (255)	True	False	A description of the curtailment.	
EFFECTIVE_DATE_TIME	DATE	True	True	The date and time the curtailment is effective from.	2018-01-01 12:23:45



Field name	Data Type	Not Null	PK	Description	Example
GAS_DATE	DATE	True	True	The gas date for which the auction service is curtailed.	2018-01-01
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 3.7 Capacity Transfer and Auction Notice

### 3.7.1 Report details

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

### 3.7.2 “I” and “D” record specifications

Report type	GSH
Report subtype	CAPACITY_TRANSFER_AUCTION_NOTICE





Field name	Data Type	Not Null	PK	Description	Example
NOTICE_ID	INTEGER	True	True	The unique identifier of the notice.	123
NOTICE_DATE	DATE	True	False	The date of the notice. Disregard the time component as this is not applicable.	2018/03/12 00:00:00
GAS_DATE	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
FACILITY_ID	INTEGER	False	False	The unique identifier of the facility.	10001
FACILITY_NAME	STRING (100)	False	False	The descriptive name of the facility.	Moomba to Adelaide Pipeline System
MARKET	STRING (3)	True	True	The market that has triggered the notice, for example CTP or DAA.	CTP
NOTICE_TYPE	STRING (20)	True	False	The type of notice, for example Cancel or Delay for CTP, Exclude or Delay for DAA.	Delay
DESCRIPTION	STRING (1000)	True	False	The description of the notice.	
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 3.8 Secondary Capacity Trades

### 3.8.1 Report details

Purpose	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>
Access	Public
Trigger	Time triggered daily at 7:30 PM (AEST).



Report period	All GSH trades executed in the GSH during the current trading day and all bilateral trades reported to AEMO in the past 24 hours.
Publishing Direct Category	N/A – this is a GBB report.
Publishing Direct Type	N/A – this is a GBB report.
Output filename	PUBLIC_SECONDARYCAPACITYTRADES_yyyymmdd_[EVENT_QUEUE_ID].csv
Notes	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> .

### 3.8.2 “I” and “D” record specifications

Report type	GBB
Report subtype	SECONDARY_CAPACITY_TRADES

Field name	Data Type	Not Null	PK	Description	Example
TRADE_DATE	DATE	True	True	The date the trade was made. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
FROM_GAS_DATE	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
TO_GAS_DATE	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
TRADE_TYPE	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
FACILITY_ID	INTEGER	False	False	The unique identifier of the Part 24 facility. Mandatory for facilities registered under Part 24 of the rules.	100001



Field name	Data Type	Not Null	PK	Description	Example
FACILITY_NAME	STRING (100)	True	True	The descriptive name of the facility.	Moomba to Adelaide Pipeline System
TRANSPORTATION_SERVICE_TYPE	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
RECEIPT_ZONE_ID	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
RECEIPT_ZONE_NAME	STRING (255)	False	False	The descriptive name of the Receipt Zone.	RP 1
DELIVERY_ZONE_ID	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
DELIVERY_ZONE_NAME	STRING (255)	False	False	The descriptive name of the Delivery Zone.	DP 1
PARK_LOAN_POINT_ID	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
PARK_LOAN_POINT_NAME	STRING (255)	True	True	The descriptive name of the service point.	PLP 1
STANDARD_OTSA	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



Field name	Data Type	Not Null	PK	Description	Example
PRIORITY	STRING (255)	False	False	The priority of the traded capacity. Mandatory for GBB bilateral trades. Null for GSH trades.	
MAX_DAILY_QUANTITY	INTEGER	True	False	The traded maximum daily quantity (MDQ) (GJ/day).	240
MAX_HOURLY_QUANTITY	INTEGER	False	False	The traded maximum hourly quantity (GJ/hour). Null for GSH trades.	10
PRICE	NUMBER	True	False	The price of the traded capacity (\$/GJ/day).	4.20
PRICE_STRUCTURE	STRING (255)	False	False	The price structure applied over the term of the trade. Mandatory for GBB bilateral trades. Null for GSH trades.	Variable
PRICE_ESCALATION_MECHANISM	STRING (255)	False	False	The price escalation mechanism applied over the term of the trade. Null for GSH trades.	10% per annum
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 3.9 Zone Curtailment Information

### 3.9.1 Report details

Purpose	The report contains details of curtailment of nominations against secondary firm rights (CTP trades) for service points (receipt and delivery points).
Access	Public
Trigger	Event triggered when facility operators submit zone curtailment information to AEMO.
Report period	All curtailed quantities contained in the facility operator submission.
Publishing Direct Category	GSH Capacity Trading
Publishing Direct Type	Zone Curtailment Information



Output filename	PUBLIC_ZONECURTAILMENTINFORMATION_yyyymmdd_[EVENT_QUEUE_ID].csv
Notes	The information in this report is based on the failed nomination quantities submitted to AEMO by facility operators.

### 3.9.2 “I” and “D” record specifications

Report type	GSH
Report subtype	ZONE_CURTAILMENT_INFORMATION

Field name	Data Type	Not Null	PK	Description	Example
FACILITY_ID	INTEGER	True	True	The unique identifier of the parent facility.	100001
FACILITY_NAME	STRING (100)	True	False	The descriptive name of the parent facility.	Moomba to Adelaide Pipeline System
SERVICE_POINT_ID	INTEGER	True	True	The unique identifier of the service point.	500001
SERVICE_POINT_NAME	STRING (100)	True	False	The descriptive name of the service point.	SP 1
SERVICE_POINT_TYPE	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_H AUL_RECIEPT_POINT
SERVICE_POINT_DESCRIPTION	STRING (255)	True	False	The description of the service point.	
GAS_DATE	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
CURTAILED_QUANTITY	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



Field name	Data Type	Not Null	PK	Description	Example
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00



## 4 PRIVATE REPORTS

### 4.1 Contract Details

#### 4.1.1 Report details

Purpose	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 subsidiaries.
Access	Private (trading participants)
Trigger	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>
Report period	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 subsidiaries.
Publishing Direct Category	GSH Capacity Trading
Publishing Direct Type	Contract Details
Output filename	[PARTICIPANTCODE]_CONTRACT_DETAILS_yyyymmdd_[EVENT_QUEUE_ID].csv
Notes	

#### 4.1.2 “I” and “D” record specifications

Report type	GSH
Report subtype	CONTRACT_DETAILS

Field name	Data Type	Not Null	PK	Description	Example
PARTICIPANT_ID	STRING(20)	True	True	The unique AEMO defined GSH Participant identifier.	2001





Field name	Data Type	Not Null	PK	Description	Example
PARTICIPANT_NAME	STRING (80)	True	False	The descriptive name of the participant.	AGL
PARTICIPANT_CODE	STRING (20)	False	False	The participant code used in the ETS.	ES584
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 as defined in the Transportation Facility Register.	Moomba to Adelaide Pipeline System
SERVICE_REFERENCE	STRING (255)	True	True	The service reference issued by the facility operator.	
SERVICE_REFERENCE_DESCRIPTION	STRING (255)	False	False	Brief description of the service reference.	
STTM_CONTRACT_REFERENCE	STRING (255)	False	True	The STTM registered facility service identifier (CRN) associated with the service reference if applicable.	AGL MAPS 1234
CONTRACT_TYPE	STRING (7)	True	False	Indicates if a contract can be used for capacity trades, auctions or both. For example, Trade, Auction or All.	Trade
START_DATE	DATE	True	False	Effective start date of the contract. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
END_DATE	DATE	True	False	Effective end date of the contract. Disregard the time component as this is not applicable.	2019/03/13 00:00:00
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00



## 4.2 Contract References

### 4.2.1 Report details

Purpose	Provides participants with an audit trail of the entries in the Contract References markets portal application.
Access	Private (trading participants)
Trigger	This report has two triggers: <ol style="list-style-type: none"> <li>1. Event triggered upon user new entry or update of contract references</li> <li>2. Time triggered daily at 6:00 AM AEST</li> </ol>
Report period	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>
Publishing Direct Category	GSH Capacity Trading
Publishing Direct Type	Contract References
Output filename	[PARTICIPANTCODE]_CONTRACTREFERENCES_yyyymmdd_[EVENT_QUEUE_ID].csv
Notes	

### 4.2.2 “I” and “D” record specifications

Report type	GSH
Report subtype	CONTRACT_REFERENCES

Field name	Data Type	Not Null	PK	Description	Example
PARTICIPANT_CODE	STRING (20)	True	False	The participant code used in the ETS.	ES584
PRODUCT_NAME	STRING (80)	True	True	The capacity product name.	



Field name	Data Type	Not Null	PK	Description	Example
BUY_SELL_POSITION	STRING (4)	True	True	Specifies the position that the contract reference must be used for, for example Buy, Sell or Both.	Buy
FROM_GAS_DATE	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
TO_GAS_DATE	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
STEP_NUMBER	INTEGER	True	True	The step number for the corresponding capacity quantity.	1
SERVICE_REFERENCE	STRING (255)	True	False	The service reference issued by the facility operator.	
SERVICE_REFERENCE_STATUS	STRING (20)	True	False	The status of the service reference, for example Valid, Missing or Expired.	Valid
STTM_CONTRACT_REFERENCE	STRING (255)	False	False	The STTM registered facility service identifier (CRN) associated with the service reference.	AGL MAPS 1234
STTM_CONTRACT_REFERENCE_STATUS	STRING (20)	False	False	The status of the STTM contract reference, for example Valid, Missing or Expired.	Missing
DWGM_REFERENCE	STRING (255)	False	False	The DWGM accreditation reference associated with the transfer.	
DWGM_REFERENCE_STATUS	STRING (20)	False	False	The status of the DWGM accreditation reference, for example Valid, Missing or Expired.	Expired
STEP_QUANTITY	INTEGER	False	False	The step quantity to applied to the contract reference (GJ/day).	56
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



Field name	Data Type	Not Null	PK	Description	Example
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 4.3 CTP Receipt and Delivery Point Preferences

### 4.3.1 Report details

Purpose	Provides trading participants with an audit trail of the entries in the CTP Receipt and Delivery Point Preferences markets portal application.
Access	Private (trading participants)
Trigger	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>
Report period	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>
Publishing Direct Category	GSH Capacity Trading
Publishing Direct Type	CTP Receipt and Delivery Point Preferences
Output filename	[PARTICIPANTCODE]_RECEIPTDELIVERYPOINTPREFERENCES_yyyymmdd_[EVENT_QUE UE_ID].csv
Notes	

### 4.3.2 “I” and “D” record specifications

Report type	GSH
Report subtype	RECEIPT_DELIVERY_POINT_PREFERENCES



Field name	Data Type	Not Null	PK	Description	Example
PARTICIPANT_CODE	STRING (20)	True	False	The participant code used in the ETS.	ES584
PRODUCT_NAME	STRING (80)	True	True	The capacity product name.	
BUY_SELL_POSITION	STRING (4)	True	True	Specifies the position that the contract reference must be used for, for example Buy, Sell or Both.	Buy
FROM_GAS_DATE	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
TO_GAS_DATE	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
OVERRIDE_FLAG	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
STEP_NUMBER	INTEGER	True	True	The step number for the corresponding capacity quantity.	1
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



Field name	Data Type	Not Null	PK	Description	Example
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
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

### 4.4.1 Report details

Purpose	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.
Access	Private (facility operators)
Trigger	<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>



Report period	<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> <li>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.</li> <li>3. On failure of capacity transfer in STTM or DWGM – the report will contain all records from the corresponding initial Capacity Transfer Notice.</li> </ol>
Publishing Direct Category	GSH Capacity Trading
Publishing Direct Type	Capacity Transfer Notice
Output filename	[PARTICIPANTCODE]_CAPACITYTRANSFERNOTICE_yyyymmdd_[EVENT_QUEUE_ID].csv
Notes	<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>

#### 4.4.2 “I” and “D” record specifications

Report type	GSH
Report subtype	CAPACITY_TRANSFER_NOTICE

Field name	Data Type	Not Null	PK	Description	Example
CAPACITY_TRANSFER_ID	INTEGER	True	True	The unique AEMO defined Capacity Transfer transaction identifier.	23345





Field name	Data Type	Not Null	PK	Description	Example
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
PARTICIPANT_ID	STRING(20 )	True	False	The unique AEMO defined GSH Participant identifier.	ES584
PARTICIPANT_NAME	STRING (80)	True	False	The descriptive name of the participant.	AGL
SERVICE_REFERENCE	STRING (255)	True	False	The service reference issued by the facility operator.	
STTM_CONTRACT_REFERENCE	STRING (255)	False	False	The STTM registered facility service identifier (CRN) associated with the service reference.	AGL MAPS 1234
RECEIPT_POINT_ID	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
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	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.	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
RECEIPT_ZONE_ID	INTEGER	True	False	The unique identifier of the Receipt Zone as defined in the Transportation Service Point Register.	4001



Field name	Data Type	Not Null	PK	Description	Example
RECEIPT_ZONE_NAME	STRING (255)	True	False	The descriptive name of the Receipt Zone as defined in the Transportation Service Point Register.	REC Zone 1
DELIVERY_ZONE_ID	INTEGER	True	False	The unique identifier of the Delivery Zone as defined in the Transportation Service Point Register.	5001
DELIVERY_ZONE_NAME	STRING (255)	True	False	The descriptive name of the Delivery Zone as defined in the Transportation Service Point Register.	DEL Zone 1
GAS_DATE	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
INCREMENTAL_QUANTITY_CHANGE	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
OVERALL_QUANTITY_CHANGE	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
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 4.5 Shipper Capacity Transfer Notification

### 4.5.1 Report details

Purpose	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.
Access	Private (trading participants and facility operators)
Trigger	Event triggered when a capacity transfer record has a status change.



Report period	All capacity transfer records that have had a status change.
Publishing Direct Category	GSH Capacity Trading
Publishing Direct Type	Shipper Capacity Transfer Notification
Output filename	[PARTICIPANTCODE]_SHIPPERCAPACITYNOTIFICATION_yyyymmdd_- [EVENT_QUEUE_ID].csv
Notes	

#### 4.5.2 “I” and “D” record specifications

Report type	GSH
Report subtype	SHIPPER_CAPACITY_TRANSFER_NOTIFICATION

Field name	Data Type	Not Null	PK	Description	Example
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



Field name	Data Type	Not Null	PK	Description	Example
FACILITY_NAME	STRING (100)	True	False	The descriptive name of the facility as defined in the Transportation Facility Register.	Moomba to Adelaide Pipeline System
SERVICE_REFERENCE	STRING (255)	True	False	The service reference issued by the facility operator.	
STTM_CONTRACT_REFERENCE	STRING (255)	False	False	The STTM registered facility service identifier (CRN) associated with the service reference.	AGL MAPS 1234
DWGM_REFERENCE	STRING (255)	False	False	The DWGM accreditation reference associated with the transfer.	
RECEIPT_POINT_ID	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
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	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.	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
RECEIPT_ZONE_ID	INTEGER	True	False	The unique identifier of the Receipt Zone as defined in the Transportation Service Point Register.	4001
RECEIPT_ZONE_NAME	STRING (255)	True	False	The descriptive name of the Receipt Zone as defined in the Transportation Service Point Register.	REC Zone 1
DELIVERY_ZONE_ID	INTEGER	True	False	The unique identifier of the Delivery Zone as defined in the Transportation Service Point Register.	5001



Field name	Data Type	Not Null	PK	Description	Example
DELIVERY_ZONE_NAME	STRING (255)	True	False	The descriptive name of the Delivery Zone as defined in the Transportation Service Point Register.	DEL Zone 1
STATUS	STRING (9)	True	False	The status of the capacity transfer, for example Transferred, Partial, Pending, Rejected or Cancelled.	Transferred
SYSTEM	STRING (16)	True	False	The system that has processed the capacity transfer, for example Facility operator, AEMO, AEMO STTM or AEMO DWGM.	AEMO STTM
REASON	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
TRANSACTION_COMPLETED_FLAG	STRING (3)	True	False	Flag to indicate whether the capacity transfer process is completed, for example yes or no.	Yes
OVERALL_QUANTITY_CHANGE	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
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 4.6 Auction Bid Confirmation

### 4.6.1 Report details

Purpose	Provides a confirmation to auction participants that their auction bid has been successfully submitted.
Access	Private (auction participants)
Trigger	Event triggered on successful submission of an auction bid.
Report period	One auction bid submission.



Publishing Direct Category	Day Ahead Auction
Publishing Direct Type	Auction Bid Confirmation
Output filename	[PARTICIPANTCODE]_AUCTIONBIDCONFIRMATION_yyyymmdd-[EVENT_QUEUE_ID].csv
Notes	

#### 4.6.2 “I” and “D” record specifications

Report type	GSH
Report subtype	AUCTION_SUBMISSION

Field name	Data Type	Not Null	PK	Description	Example
SUBMISSION_ID	INTEGER	True	True	Unique bid submission ID.	11100
SUBMISSION_TIME	DATE	True	False	The date and time of bid submission.	2018/03/01 13:23:45
PARTICIPANT_CODE	INTEGER	True	False	The unique identifier of the participant	74
FROM_GAS_DATE	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
TO_GAS_DATE	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
LAST_UPDATED	DATE	True	False	The date & time the bid was submitted or updated.	2018/02/02 08:20:00
LAST_UPDATED_BY	STRING (20)	True	False	The user name who submitted or updated the bid.	jsmith
LASTCHANGED	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	PK	Description	Example
SUBMISSION_TIME	DATE	True	True	The date and time of bid submission.	2018/03/01 13:23:45
PARTICIPANT_CODE	INTEGER	True	True	The unique identifier of the participant	74
GAS_DATE	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
LAST_UPDATED_BY	STRING (20)	True	False	The user name who submitted or updated the bid.	jsmith
LASTCHANGED	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	PK	Description	Example
BID_ID	INTEGER	True	True	The unique identifier of the bid within the bid submission. A bid consists of a collection of products and one set of price and step quantities.	1
SUBMISSION_TIME	DATE	True	True	The date and time of bid submission.	2018/03/01 13:23:45
GAS_DATE	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



Field name	Data Type	Not Null	PK	Description	Example
PARTICIPANT_CODE	INTEGER	True	True	The unique identifier of the participant	74
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

Report type	GSH				
Report subtype	AUCTION_BID_PRODUCT				

Field name	Data Type	Not Null	PK	Description	Example
BID_ID	INTEGER	True	True	The unique identifier of the bid.	1
SUBMISSION_TIME	DATE	True	True	The date and time of bid submission.	2018/03/01 13:23:45
GAS_DATE	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
PARTICIPANT_CODE	INTEGER	True	True	The unique identifier of the participant	74
AUCTION_PRODUCT_TYPE	STRING (20)	True	True	The product type, for example Forward Haul, Backhaul, Compression	Forward Haul
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
RP_DWGM_REFERENCE	STRING (255)	False	False	The DWGM accreditation reference associated with the Receipt Point.	





Field name	Data Type	Not Null	PK	Description	Example
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
DP_DWGM_REFERENCE	STRING (255)	False	False	The DWGM accreditation reference associated with the Delivery Point.	
SERVICE_REFERENCE	STRING (255)	True	False	The service reference issued by the facility operator.	
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

Report type	GSH
Report subtype	AUCTION_BID_STEPS

Field name	Data Type	Not Null	PK	Description	Example
BID_ID	INTEGER	True	True	The unique identifier of the bid.	1
SUBMISSION_TIME	DATE	True	True	The date and time of bid submission.	2018/03/01 13:23:45
GAS_DATE	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
PARTICIPANT_CODE	INTEGER	True	True	The unique identifier of the participant	74
STEP_NUMBER	INTEGER	True	True	The step number, ranging from 1 to 10.	1



Field name	Data Type	Not Null	PK	Description	Example
STEP_PRICE	NUMBER	True	False	The step price.	3.22
STEP_QUANTITY	INTEGER	True	False	The cumulative step quantity.	125
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 4.7 Auction Results

### 4.7.1 Report details

Purpose	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.
Access	Private (auction participants & facility operators)
Trigger	<ol style="list-style-type: none"> <li>1. Event triggered on completion of the daily auction run.</li> <li>2. Event triggered on failure of DWGM accreditation updates.</li> </ol>
Report period	<p>For auction participants - All winning bids for the auction participant.</p> <p>For facility operators - All winning bids from the auction run for products on facilities operated by the facility operator.</p>
Publishing Direct Category	Day Ahead Auction
Publishing Direct Type	Auction Results
Output filename	[PARTICIPANTCODE]_AUCTIONRESULTS_yyyymmdd_[EVENT_QUEUE_ID].csv
Notes	

### 4.7.2 “I” and “D” record specifications

Report type	GSH
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Report subtype	AUCTION_RUN
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Field name	Data Type	Not Null	PK	Description	Example
AUCTION_DATE	DATE	True	True	The date of the auction.	2018/03/13 00:00:00
GAS_DATE	DATE	True	True	The gas date for which capacity is assigned to the shipper.	2018/03/13 00:00:00
AUCTION_RUN_DATETIME	DATE	True	True	The date and time that the auction was run.	2018/03/13 17:31:30
PARTICIPANT_CODE	STRING (20)	True	No	The unique participant code.	SE584
LASTCHANGED	DATE	True	No	The date & time the report was generated.	2018/03/13 17:31:30

Report type	GSH
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Report subtype	AUCTION_RESULTS
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Field name	Data Type	Not Null	PK	Description	Example
AUCTION_TRANSACTION_ID	INTEGER	True	True	The unique identifier of the auction transaction.	23345
AUCTION_DATE	DATE	True	False	The date of the auction. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
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	PK	Description	Example
PARTICIPANT_ID	STRING(20)	True	True	The unique AEMO defined GSH Participant identifier.	2001
PARTICIPANT_CODE	STRING (20)	True	False	The unique identifier of the participant	ES584
PARTICIPANT_NAME	STRING (80)	True	False	The descriptive name of the participant.	AGL
SERVICE_REFERENCE	STRING (255)	True	False	The service reference issued by the facility operator.	
RECEIPT_POINT_ID	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
RECEIPT_POINT_NAME	STRING (255)	True	False	The descriptive name of the Receipt Point as defined in the Transportation Service Point Register.	Run 1
RP_DWGM_REFERENCE	STRING (255)	False	False	The DWGM accreditation reference associated with the Receipt Point.	
DELIVERY_POINT_ID	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
DELIVERY_POINT_NAME	STRING (255)	True	False	The descriptive name of the Delivery Point as defined in the Transportation Service Point Register.	Run 5
DP_DWGM_REFERENCE	STRING (255)	False	False	The DWGM accreditation reference associated with the Delivery Point.	
AUCTION_QUANTITY_WON	INTEGER	True	False	The capacity quantity won at auction (GJ/day) by the participant.	100



Field name	Data Type	Not Null	PK	Description	Example
GAS_DATE	DATE	True	False	The gas date for which capacity is assigned to the shipper.	2018/02/02 00:00:00
PRODUCT_PRICE	NUMBER	True	False	The price of the auction product won at auction (\$/GJ) by the participant.	3.15
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00

## 4.8 Bilateral Trade Confirmation

### 4.8.1 Report details

Purpose	Provides a confirmation to participants that their bilateral trade has been successfully submitted.
Access	Private (participant)
Trigger	Event triggered on successful submission of a bilateral trade.
Report period	One bilateral trade submission.
Publishing Direct Category	N/A – this is a GBB report.
Publishing Direct Type	N/A – this is a GBB report.
Output filename	[PARTICIPANTCODE]_BILATERALTRADECONFIRMATION_yyyymmdd-[EVENT_QUEUE_ID].csv
Notes	

### 4.8.2 “I” and “D” record specifications

Report type	GBB
Report subtype	BILATERAL_TRADE



Field name	Data Type	Not Null	PK	Description	Example
BILATERAL_TRADE_ID	INTEGER	True	True	The unique identifier of the bilateral trade.	123456
TRADE_DATE	DATE	True	False	The date the trade was made. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
FROM_GAS_DATE	DATE	True	False	The effective start date of the trade. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
TO_GAS_DATE	DATE	True	False	The effective end date of the trade. Disregard the time component as this is not applicable.	2018/03/13 00:00:00
BUYER_NAME	STRING (255)	True	False	The descriptive name of the buyer.	Star Energy
SELLER_NAME	STRING (255)	True	False	The descriptive name of the seller.	Purple Energy
FACILITY_ID	INTEGER	False	False	The unique identifier of the facility.	100001
FACILITY_NAME	STRING (100)	True	False	The descriptive name of the facility.	Moomba to Adelaide Pipeline System
FLOW_DIRECTION	STRING (10)	False	False	The direction of the flow 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
RECEIPT_POINT_ID	INTEGER	False	False	The unique identifier of the Receipt Point. This is the point where gas is injected into the pipeline.	3001
RECEIPT_POINT_NAME	STRING (255)	False	False	The descriptive name of the Receipt Point.	RP 1



Field name	Data Type	Not Null	PK	Description	Example
DELIVERY_POINT_ID	INTEGER	False	False	The unique identifier of the Delivery Point. This is the point where gas is withdrawn from the pipeline.	4001
DELIVERY_POINT_NAME	STRING (255)	False	False	The descriptive name of the Delivery Point.	DP 1
PARK_LOAN_POINT_ID	INTEGER	False	False	The unique identifier of the Park and Loan service point.	5001
PARK_LOAN_POINT_NAME	STRING (255)	False	False	The descriptive name of the service point.	PLP 1
STANDARD_OTSA	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>	YES
BB_TRANSPORTATION_SERVICE_TYPE	STRING (12)	True	False	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>	PARK
PRIORITY	STRING (255)	True	False	The priority of the traded capacity.	
MAX_DAILY_QUANTITY	INTEGER	True	False	The traded maximum daily quantity (MDQ) (GJ/day).	240
MAX_HOURLY_QUANTITY	INTEGER	True	False	The traded maximum hourly quantity (GJ/hour).	10
PRICE	NUMBER	True	False	The price of the traded capacity (\$/GJ/day).	4.20
PRICE_STRUCTURE	STRING (255)	False	False	The price structure applied over the term of the trade.	Variable
PRICE_ESCALATION_MECHANISM	STRING (255)	False	False	The price escalation mechanism applied over the term of the trade.	10% per annum



Field name	Data Type	Not Null	PK	Description	Example
LASTCHANGED	DATE	True	False	The date & time the report was generated.	2018/02/02 08:20:00





## 5 GLOSSARY

### 5.1 Abbreviations

Abbreviation	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.
TJ	1 Terajoule, 1,000 Gigajoules, 1,000,000 Joules. A Joule is a unit of energy.



## 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