

# IMPACT IMPLEMENTATION REPORT (IIR)

## Summary Section

For AEMO to complete and administer.

<b>Issue Number</b>	18-003		
<b>Impacted Jurisdiction(s)</b>	All except WA		
<b>Proponent</b>	Nicole Dodd	<b>Company</b>	AEMO
<b>Affected Gas Market(s)</b>	<ul style="list-style-type: none"> <li>Bulletin Board</li> </ul>	<b>Consultation process (Ordinary or Expedited)</b>	Ordinary
<b>Industry Consultative forum(s) used</b>	PCT Reference Group	<b>Date Industry Consultative forum(s) consultation concluded</b>	Wednesday, 9 January 2019
<b>Short Description of change(s)</b>	Amendments to the BB Procedures and BB Data Submission Procedures arising from the implementation of the pipeline capacity trading reform package (2).		
<b>Procedure(s) or Documentation impacted</b>	BB Procedures and BB Data Submission Procedures		
<b>Summary of the change(s)</b>	<ul style="list-style-type: none"> <li>Removal of the section pertaining to secondary trade data for BB Pipelines, with the removal of Rule 174.</li> <li>Clarification to the reporting requirements for BB Capacity Transactions, as required by Rule 190C.</li> <li>Details regarding reporting of Auction Curtailment Information, as required by Rule 190A.</li> <li>Details regarding reporting of Daily Auction Service Curtailment Information, as required by Rule 190B.</li> </ul>		
<b>I&amp;IR Prepared By</b>	Markets	<b>Approved By</b>	Paddy Costigan
<b>Date I&amp;IR published</b>	10 January 2019	<b>Date Consultation under 135EE or 135EF concludes</b>	7 February 2019
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## IMPACT & IMPLEMENTATION REPORT – DETAILED REPORT SECTION

### CRITICAL EXAMINATION OF PROPOSAL

#### 1. DESCRIPTION OF CHANGE(S) AND REASONS FOR CHANGE(S)

##### 1.1. Overview of the capacity trading reform package

On 29 June 2018 the Council of Australian Governments (COAG) Energy Council (Energy Council) agreed to implement the legal and regulatory framework required to give effect to the capacity trading reform package.

The capacity trading reform package applies to transmission pipelines and compression facilities operating under the contract carriage model. The package provides for the implementation of:

1. A capacity trading platform (CTP) that will form part of the gas trading exchange (Gas Supply Hub (GSH)) and provide for:
  - exchange-based trading of commonly traded transportation products (including firm forward haul services, firm park services and firm compression services on stand-alone compressors); and
  - a listing service for other more bespoke products.
2. A day-ahead auction (DAA) of contracted but un-nominated (CBU) capacity, which will be conducted each day on non-exempt transportation facilities shortly after nomination cut-off and subject to a reserve price of zero. Shippers will be able to use the DAA to procure forward haul transportation services (with separate products offered in both directions on bi-directional pipelines); backhaul services on single direction pipelines (or parts of pipelines) and stand-alone compression services.
3. A range of measures to facilitate capacity trading and the DAA, including the development of standard operational transportation service agreements (standard OTSA) that will establish the standard contract terms between service providers and shippers for capacity procured through the CTP and DAA.
4. A reporting framework for secondary capacity trades and a number of other transparency measures that are designed to facilitate capacity trades and the DAA.
5. A standard market timetable that provides for:
  - a common gas day start time across the east coast (and Northern Territory once connected to the east coast) that will apply to all production, pipeline, compression and storage facilities and in the facilitated markets; and
  - a common nomination cut-off time and common auction service nomination cut-off time for transportation facilities that will be subject to the capacity trading reforms.

On 22 November 2019, the amendments to the National Gas Law (NGL) were proclaimed and the required amendments to the National Gas Rules (NGR) were made.

##### 1.2. Changes to the BB Procedures and BB Data Submission Procedures

The amendments to the BB Procedures and BB Data Submission Procedures (BB Procedures) are required to enable changes to be made to the Natural Gas Services Bulletin Board (NGSBB) to give effect to the transparency measures that will facilitate trade through the CTP and the DAA (item 4 of the package described above).



AEMO has previously consulted on changes to the BB Procedures arising from the National Gas (Capacity Trading and Auctions) Amendment Rule 2018 in October 2018. Those changes related to rules that commenced operation on the date on which the Amendment Rule was made (22 November 2018), and resulted in BB Procedures version 9.0 and BB Data Submission Procedures version 2.0 being made. The relevant consultation documents can be found on AEMO's website: <http://aemo.com.au/Stakeholder-Consultation/Consultations/Amendments-to-BB-Procedures-and-BB-Data-Submission-Procedures?Convenor=AEMO%20Gas>.

Following proclamation of the NGL and subsequent making and publication of the NGR, AEMO is initiating an additional round of consultation to finalise the amendments required for the operation of the pipeline capacity trading reform package. These changes relate to rules that will commence operation on 1 March 2019. The changes contemplated by this Impact and Implementation Report (IIR) include:

- Removal of the section pertaining to secondary trade data for BB Pipelines, with the removal of Rule 174.
- Clarification to the reporting requirements for BB Capacity Transactions, as required by Rule 190C.
- Details regarding reporting of Auction Curtailment Information, as required by Rule 190A.
- Details regarding reporting of Daily Auction Service Curtailment Information, as required by Rule 190B.

## 2. REFERENCE DOCUMENTATION

The BB Procedures version 9.0 and the BB Data Submission Procedures version 2.0 are proposed to be amended to include the new requirements arising from the National Gas (Capacity Trading and Auction) Amendment Rule 2018 (creating version 10.0 and version 3.0 respectively).

The current versions of the documents are published on the Bulletin Board at:

<https://www.aemo.com.au/Gas/Gas-Bulletin-Board/Information/Guides-and-Procedures>.

The Capacity Transfer and Auction Procedures which provide for the operation and administration of the capacity auction and transaction support arrangements of the capacity reform package, and the corresponding capacity transfer and auction interface protocol, is available on AEMO's website:

<https://www.aemo.com.au/Gas/Pipeline-Capacity-Trading/Procedures>

## 3. THE HIGH LEVEL DETAILS OF THE CHANGE(S) TO THE EXISTING PROCEDURES

### 3.1. Secondary capacity transaction data

Version 2.0 of the BB Data Submission Procedures details the requirements for submitting BB Capacity Transactions, as required by Rule 190C from 1 March 2019. With the publication of the NGR, AEMO received feedback from stakeholders with concerns that there was insufficient information in the BB Procedures to fulfil their obligations. As such, AEMO has introduced additional detail in the BB Procedures for this information to be provided.

The requirement in the NGR for BB pipeline operators to provide information regarding secondary trade data will also be removed from 1 March 2019 (Rule 174) and thus the corresponding section in the Procedures will also be removed (clause 7.3.3).

### 3.2. Auction Service Curtailment

The amended NGR introduce BB auction facilities, which are defined as BB facilities that are auction facilities and subject to the capacity auction. New sub-division 5.7 of Part 18, introduces requirements for the BB reporting entities of BB auction facilities to report:



- Information regarding whether an auction service provided by its BB auction facility is subject to curtailment in respect of a gas day (auction service curtailment).
- The curtailed quantity of each auction service provided by means of an auction facility for each gas day (daily auction service curtailment information).

With the commencement of capacity trading and the capacity auction from 1 March 2019, facility operators of these facilities will be subject to a number of data transactions to facilitate the transfer of capacity sold in the capacity auction. As such, they have been required to set up systems to provide the capacity transfer and auction related information, as provided for under Part 24 and Part 25. This includes, amongst other things the auction quantity limits available on their facility, and the revised auction quantities for each auction participant with respect to its auction service.

As such, in consultation with facility operators, AEMO has facilitated the provision of the auction service curtailment information and daily auction service curtailment information to the Bulletin Board under Part 18 using the interface system that has been implemented for capacity transfer and auction information under Part 24 and Part 25 – as described in the Capacity Transfer and Auction Interface Protocol (CTA IP). This is to allow for facility operators to provide to AEMO all information associated with capacity transfer and auction via the same system, and efficiencies have also been realised in using the same report for auction facility operators to provide disaggregated information, that AEMO will then aggregate for the purposes of publishing on the BB.

#### **4. EXPLANATION REGARDING THE ORDER OF MAGNITUDE OF THE CHANGE**

Implementation of the COAG Energy Council's capacity trading reform package is a mandatory, material change for industry.

The changes to the BB Procedures are material for those required to report information to the BB.



## ASSESSMENT OF LIKELY EFFECT OF PROPOSAL

### 5. OVERALL INDUSTRY COST / BENEFIT (TANGIBLE / INTANGIBLE / RISK) ANALYSIS AND/OR COST ESTIMATES

The capacity trading reform package is expected to foster the development of a more liquid secondary capacity market and, in so doing, improve the efficiency with which capacity is allocated and used on transportation facilities by:

- using market-based processes to allocate capacity to those that value it most;
- improving the incentive shippers have to trade capacity and posing a constraint on the ability of transportation facilities to sell secondary capacity at prices in excess of what would be expected in a workably competitive market;
- reducing search and transaction costs; and
- reducing information asymmetries and aiding the price discovery process.

Implementation of the capacity trading reform package will require expenditure by AEMO on market systems, legal artefacts as well as on market and operational readiness activities.

Facility operators and participants are also likely to incur costs associated with systems, commercial arrangements and operational readiness.

### 6. THE LIKELY IMPLEMENTATION EFFECT OF THE CHANGE(S) ON STAKEHOLDERS

These changes provide further clarity for BB transportation facility users to fulfil their reporting requirements regarding BB Capacity Transactions, and specifications for BB reporting entities for BB auction facilities to fulfil their obligations to report information regarding auction service curtailment.

### 7. TESTING REQUIREMENTS

For changes introduced directly to the BB Procedures and BB Data Submission Procedures, pre-production systems will be available for testing submissions as required. These changes are expected to be available in the pre-production environments from mid-February.

For changes related to auction service curtailment information provided for under the CTA IP, facility operators and auction participants will be given the opportunity to test the trading, reporting, settlement and delivery arrangements for the new capacity products during a market trial scheduled for January and February 2019. Facility operators have also had the opportunity to test the Capacity Transfer Interface and reporting systems in November 2018.

### 8. AEMO'S PRELIMINARY ASSESSMENT OF THE PROPOSAL'S COMPLIANCE WITH SECTION 135EB:

The pipeline capacity trading reforms will be implemented through the amendments to the NGL and NGR. BB reporting entities and transportation service providers for compression service facilities registered under the Capacity Transfer and Auction Procedures in accordance with section 91BRR of the National Gas Law (as amended by the National Gas (South Australia) (Capacity Trading and Auctions) Amendment Bill 2018 (SA)) will be required to comply with the obligations outlined in the BB Procedures and BB Data Submission Procedures to support the transparency measures introduced with the pipeline capacity reforms. As stated, the capacity trading reform package is expected to foster the development of a more liquid secondary capacity market and, in so doing, improve the efficiency with which capacity is allocated and used on transportation facilities, consistent with the national gas objective.



## **9. CONSULTATION FORUM OUTCOMES**

AEMO released a Proposed Procedure Change to industry (the Pipeline Capacity Trading and Bulletin Board distribution lists) on 14 December 2018.

AEMO also discussed these changes with the Pipeline Capacity Trading Reference Group on 17 December 2018.

No material issues were raised in these consultations.



## RECOMMENDATION(S)

### **10. SHOULD THE PROPOSED PROCEDURES BE MADE, (WITH OR WITHOUT AMENDMENTS)?**

AEMO recommends for the proposed amendments to be made to the BB Procedures and the BB Data Submission Procedures.

### **11. IF APPLICABLE, A PROPOSED EFFECTIVE DATE FOR THE PROPOSED CHANGE(S) TO TAKE EFFECT AND JUSTIFICATION FOR THAT TIMELINE.**

The BB Procedures version 10.0 and BB Data Submission Procedures version 3.0 will be effective from 1 March 2019, at the same time as the expected commencement of the Capacity Trading Platform and Capacity Auction.



## ATTACHMENT A – DOCUMENTATION CHANGES (SEE SECTION 3)

Blue represents additions Red and strikethrough represents deletions – Marked up changes shown only in sections with changes.

### BB Procedures

#### 1.3.1 Glossary

The words, phrases and abbreviations set out below have the meanings set out opposite them when used in these Procedures.

Terms defined in the National Gas Law or the Rules have the same meanings in these Procedures unless otherwise specified in this clause. Those terms are intended to be identified in these Procedures by italicising them, but failure to italicise a defined term does not affect its meaning.

Term	Definition
3-day LCA Outlook	The <i>LCA flag</i> information provided under rule 179 for gas days D to D+2.
Authorised User	A person authorised by a <i>BB participant</i> to submit information to the <i>Bulletin Board</i> for that <i>BB participant</i> .
Delivery and Receipt Nominations	The information specified in: (a) for a <i>BB storage facility</i> – subrules 182(1)(a) and (b); (b) for a <i>BB pipeline</i> (other than a <i>BB pipeline</i> forming part of a declared transmission system) – subrules 183(1)(a) and (b); (c) for a <i>BB production facility</i> – subrule 185(1)(a).
Exchange Agreement	The exchange agreement established by AEMO for the Gas Supply Hub.
Forecast Deliveries and Receipts	The information specified in: (a) for a <i>BB storage facility</i> – subrules 182(1)(c) and (d); (b) for a <i>BB pipeline</i> (other than a <i>BB pipeline</i> forming part of a declared transmission system) – subrules 183(1)(c) and (d); (c) for a <i>BB production facility</i> – subrules 185(1)(b).
Gas Supply Hub	The gas trading exchange established under the national gas law and Part 22 of the Rules.
Data Submission Procedures	The BB Data Submission Procedures published on the Bulletin Board.
12 Month Uncontracted Capacity Outlook	For a <i>BB pipeline</i> , refers to the 12 month outlook of <i>uncontracted primary pipeline capacity</i> under rule 175(1). For a <i>BB storage facility</i> , refers to the 12 month outlook of <i>uncontracted storage capacity</i> under rule 177(1).
Capacity Transfer and Auction Procedures	The Capacity Transfer and Auction Procedures made by AEMO pursuant to the National Gas Law.

#### 7.3.2 [Placeholder for rule 173]

#### ~~7.3.3 Secondary trade data for BB pipelines~~

~~Rule 174 requires each BB reporting entity to provide to AEMO the secondary trade data for each of its BB pipelines.~~





- ~~(a) — The *secondary trade data* provided under rule 174 must be provided by 7 pm each Monday for the immediately preceding week.~~
- ~~(b) — The *secondary trade data* for a week must cover the 7 gas days starting from the gas day which commences on the preceding Monday and must be collated as follows:
  - ~~(i) — a summary of bids and offers for *secondary pipeline capacity*, and~~
  - ~~a summary of trades in *secondary pipeline capacity*.~~~~

### **7.3.4 7.3.3 12 month outlook of uncontracted primary pipeline or storage capacity**

## **8. CAPACITY TRANSACTIONS**

### **8.1. Reporting Capacity Transactions**

*Rule 190C requires a person who is a capacity seller for a BB capacity transaction (excluding a BB capacity transaction concluded through the gas trading exchange) to report capacity transaction information for each BB capacity transaction to AEMO for publication on the BB.*

- (a) The reporting of maximum daily quantity as required under rule 190C must be provided in GJ/day.
- (b) The reporting of maximum hourly quantity as required under rule 190C must be provided in GJ/hour.
- (c) The reporting of price as required under rule 190C must be provided in \$/GJ/day (excluding GST).
- (d) Where the *transportation facility* for the *BB capacity transaction* is registered under Part 24 of the Rules, the following information must be provided:
  - (i) the facility's ID number as specified in the *transportation facility register*.
  - (ii) the receipt point ID number for the *BB capacity transaction*, as specified in the *transportation service point register*.
  - (iii) the delivery point ID number for the *BB capacity transaction*, as specified in the *transportation service point register*.
  - (iv) where the *BB capacity transaction* is for a *BB transportation service* that is a park service or a loan service, the park service point ID number as specified in the *transportation service point register*.
- (e) Where the *transportation facility* for the *BB capacity transaction* is not registered under Part 24 of the Rules, the following information must be provided:
  - (i) the facility's name.
  - (ii) the flow direction for the *BB capacity transaction* must be provided.
- (f) The information provided under rule 190C must be provided by 7:00 pm on the day required in rule 190C(3).



## 9. AUCTION SERVICE CURTAILMENT INFORMATION

*Rule 190A requires a BB reporting entity for a BB auction facility to provide information to the GBB if an auction service provided by its BB auction facility is subject to curtailment in respect of a gas day, including curtailment due to a renomination.*

### 9.1. Auction curtailment notice

- (a) A *BB reporting entity* must provide a notice to AEMO if an *auction service* provided by its *BB auction facility* is subject to *curtailment* in respect of a gas day (auction curtailment notice).
- (b) The auction curtailment notice must include:
  - (i) The *BB auction facility* that is subject to *curtailment*;
  - (ii) The auction facility ID number for the *BB auction facility* as defined in the *transportation facility register*;
  - (iii) The effective date and time of the curtailment;
  - (iv) The *gas day* of the curtailment;
  - (v) The *auction service* type *curtailed* e.g. backhaul, forward haul or compression. A separate auction curtailment notice must be provided for each *auction service* type that is being *curtailed* on a *BB auction facility*;
  - (vi) A brief description of the cause of the *curtailment* e.g. firm shipper renomination, operational issue, unplanned capacity reduction; and
  - (vii) Whether the *curtailment* is *material* as defined in rule 190A(4).
- (c) In accordance with rule 190A(2), an auction curtailment notice must be provided to AEMO as soon as practicable after the *BB reporting entity* becomes aware of the circumstances giving rise to the *curtailment*.
- (d) In accordance with rule 190A(3), a *BB reporting entity* must update the auction curtailment notice for its *BB auction facility* if the information provided in the auction curtailment notice is no longer accurate, including due to circumstances resulting in additional *curtailment* of the *auction service* for the *gas day*.

### 9.2. Daily Auction Service Curtailment Information

*Rule 190B requires a BB reporting entity to provide to AEMO each gas day the curtailed quantity for an auction service for each BB auction facility for the previous gas day.*

- (a) *Auction service curtailment information* will be taken to be provided by a *BB reporting entity* for a *gas day D* for the purpose of rule 190B if the *BB reporting entity* submits an RQ (as defined in the *Capacity Transfer and Auction Procedures*) in accordance with section 21.2.1(a)(i) of the *Capacity Transfer and Auction Procedures* for each *auction participant* and each quantity of auction MDQ (as defined in the *Capacity Transfer and Auction Procedures*) in respect of its *BB auction facility* for that *gas day D*.
- (b) AEMO will publish on the Bulletin Board the aggregate RQs provided under clause 9.2(a) above for each *BB auction facility* for each *gas day* - this will be published as the 'Revised Auction Quantities' report.



## **8. 10. OTHER INFORMATION**

### **8.1. 10.1. Spare capacity sales**

*Rule 191 allows BB participants to notify other BB users that it has, or wishes to purchase, spare capacity in a BB facility.*

- (a) A notification under rule 191 must be made by submitting a capacity listing request via the Gas Supply Hub listing service in accordance with the Exchange Agreement.
- (b) AEMO will publish these notifications in the 'Transmission Capacity Listing' page, which will display the current data listed on the Gas Supply Hub.

### **8.2. 10.2. Gas sales or requirements**

*Rule 192 allows BB participants to notify other BB users that it has, or wishes to purchase, natural gas.*

- (a) For the purposes of rule 192, notifications must be made by submitting a notice via the Gas Supply Hub listing service in accordance with the Exchange Agreement.
- (b) AEMO will publish these notifications in the 'Transmission Capacity Listing' page, which will display the current data listed on the Gas Supply Hub.

## **9. 11. OPERATION OF THE BULLETIN BOARD**

### **9.1. 11.1. Publication of Information (rule 193)**

#### **11.1.1. 9.1.1. Access to Bulletin Board Reports**

- (a) The information to be published by AEMO on the Bulletin Board will be published on the Bulletin Board in a form that enables *BB users* to identify the following information:
  - (i) A register including the following details:
    - (A) *BB facilities* and their standing data including:
      1. facility operator and contact details
      2. detailed facility information
      3. nameplate rating including, for *BB transmission pipelines*, nameplate rating for each for each *receipt point* and *delivery point* on the *BB transmission pipeline*
      4. storage capacity
      5. maximum injection and withdrawal capacity
      6. pipeline directional capacities
      7. production facility capacity
      8. gas day start times
      9. registered state
    - (B) *BB allocation agents* including:
      1. *BB allocation points* for which they are the *BB reporting entity*



2. allocation methodology description for each *BB allocation point*
  3. information about the allocation agreement at the *BB allocation point*
- (C) any other information required by the Rules to be included in the register.
- (ii) current LCA Flag;
  - (iii) short term capacity outlook
  - (iv) medium term capacity outlook
  - (v) uncontracted capacity for storage
  - (vi) uncontracted primary pipeline capacity (for each direction, if applicable)
  - (vii) uncontracted storage capacity
  - (viii) the list of BB shippers for a BB pipeline (for each direction, if applicable)
  - (ix) Delivery and Receipt Nominations (rule 183) for the gas day D
  - (x) Forecast Delivery and Receipt Nominations (rule 183) for D+1 to D+6, subject to the aggregation methodology, indicating direction and quantity of gas
  - (xi) actual flow data, daily production and storage information for each BB facility, published on D+1
  - (xii) spare capacity
  - (xiii) spare gas
  - (xiv) notice board for changes in BB operators, BB facilities, and change of ownership and NT application date
  - (xv) where a default value has been used
  - ~~(xvi) secondary trade data~~
  - (xvii) ~~(xvi)~~ (where data has been updated due to a more current nomination or forecast, or a result of data correction this will be republished on the BB
  - (xvii) ~~(xviii)~~ information about *BB capacity transactions* provided to AEMO in accordance with the Rules including:
    - (A) the trade date
    - (B) service term
    - (C) the applicable *transportation facility*
    - (D) whether the transaction is on the same or substantially the same terms as the *standard OTSA* for the applicable *transportation facility*
    - (E) whether the transaction is a pre-matched trade concluded through the *gas trading exchange*
    - (F) whether the transaction is for a *forward haul service* or *backhaul service* (including direction), *park service* (including whether a loan of natural gas from the pipeline is also permitted) or *compression service*
    - (G) the priority given to the *transportation service* under the transaction



- (H) for forward haul services, backhaul services, park services and compression services relating to a *registered facility*, the *service points* and *zones* at or between which the *BB transportation service* is provided
- (I) the maximum daily quantity (GJ/day) for the *transportation service* under the transaction
- (J) except for transactions concluded through the *gas trading exchange*, the maximum hourly quantity (in GJ/hour) for the *transportation service* under the transaction
- (K) the GST exclusive price of the transaction (in \$/GJ/day)
- (L) whether the transaction is a fixed price or a variable price or a combination of the two or another price structure
- (M) the price escalation mechanism applicable to the transaction (if any).

### **9.2. 11.2. Polling Times and Publication**

On receipt of new data files from *BB participants*, processing and updating (if applicable) of the relevant Bulletin Board reports will occur as soon as practical and in any event within 24 hours, subject to actual data not being published before D+1.

AEMO must conduct checks on the file(s) against criteria based on the requirements of the Data Submission Procedures and notify the relevant Bulletin Board contact within one business day if the file does not meet the criteria.

### **9.3. 11.3. Archived Information Retrieval Services (rule 197)**

A BB user may request AEMO to provide it with any information that was previously but is not, at the time of the request, published on the Bulletin Board.

On request for retrieval of Bulletin Board information, in writing or as otherwise agreed by AEMO, as required by rule 197 AEMO will provide information retrieval services including:

- (a) the definition of information requirements and customer follow-up;
- (b) archive data/information retrieval, data collation and preparation; and
- (c) postal, courier or other delivery services.

The delivery time will be subject to available resources and the nature of the information sought. AEMO must provide and charge a fee for such information retrieval services at rates published on the Bulletin Board. If requested prior to an order being placed, AEMO will provide an estimate of costs and the date by which a request can be completed.

AEMO will not provide data analysis or modelling as part of these services.

AEMO will review the fees for information retrieval fees from time to time and publish the relevant fees to apply for these services in on the Bulletin Board no less than 20 business days before the fees take effect.



## BB Data Submission Procedures

### 1. Purpose

These BB Data Submission Procedures specify the requirements for [submitting the following information to AEMO for the Natural Gas Services Bulletin Board](#):

- *BB reporting entities* to submit forecast and actual data [and information on curtailed quantities of auction services](#) ~~to AEMO for the Natural Gas Services Bulletin Board~~; and
- [capacity sellers or their agents to submit capacity transaction information.](#)

These BB Data Submission Procedures form part of the *BB Procedures*. If there is any inconsistency between these BB Data Submission Procedures and the document named the 'BB Procedures', the document named the 'BB Procedures' prevails.

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**Table 1 Transaction data responsibilities**

BB Participant	Description	Reporting frequency	Production Facility Operators	Storage Facility Operators	Pipeline Operators	Transitional Compression Facility	Auction Facility Operators	Capacity sellers	Submission cut-off times
<u>Short Term Capacity Outlook</u>	Provides on each gas day D, the <i>BB facility</i> operator's good faith estimate of the daily capacity of the <i>BB facility</i> for gas days D+1 to D+7.	Daily	●	●	●	●			7:00 pm on gas day D.
<u>Daily Production and Flow</u>	Provides on each gas day D, the <i>BB facility</i> operator's daily gas flow data for injections and withdrawals at each connection point for gas day D-1.	Daily	●	●	●	●			1:00 pm on gas day D.
<u>Daily Storage</u>	Provides on each gas day D, the actual quantity of natural gas held in each <i>BB storage facility</i> at the end of gas day D-1.	Daily		●					1:00 pm on gas day D.
<u>Connection Point Nameplate Rating</u>	Provides the nameplate rating for each gate station connection point owned, controlled, or operated by the <i>BB pipeline</i> operator and connected to each of its <i>BB pipelines</i> .  Where a gate station connection point that is connected to a <i>BB pipeline</i> is not owned by the <i>BB pipeline</i> operator, the nameplate rating will be provided by the <i>BB pipeline</i> operator if available.  Provide the nameplate rating for each connection point on a <i>BB pipeline</i> or <i>transitional compression facility</i> .	Annually			●	●			31 March annually and whenever the standing capacity changes.
<u>Linepack Capacity Adequacy</u>	Provides on each gas day D, the <i>BB pipeline</i> or <i>transitional compression facility</i> operator's Linepack Capacity Adequacy (LCA) flag for gas days D to D+2.	Daily			●	●			7:00 pm on gas day D.
<u>Medium Term Capacity Outlook</u>	Provides details of any activity expected to affect the daily capacity of a <i>BB pipeline</i> , <i>BB production</i> or <i>BB storage facility</i> in the next 12 months.	Adhoc	●	●	●				Whenever the Medium Term Capacity changes.
<u>Nameplate Rating</u>	Provides the nameplate rating of each <i>BB facility</i> annually or information about any planned permanent capacity reduction or expansion due to modification of the <i>BB facility</i> .	Annually	●	●	●	●			31 March annually and whenever the standing capacity changes.
<u>Nomination and Forecasts</u>	<ul style="list-style-type: none"> <li>For <i>BB pipelines</i> forming part of a Declared Transmission System, provides on each gas day D, the aggregated</li> </ul>	Daily	●	●	●	●			9:00 pm on gas day D.



	<p>scheduled injections and withdrawals at each controllable system point for gas days D+1 and D+2.</p> <ul style="list-style-type: none"> <li>For all other <i>BB facility</i> operators, provides on each gas day D the aggregate nominated and forecast injections and withdrawals at each connection point for gas days D+1 to D+6.</li> </ul>							
<a href="#">Secondary Pipeline Capacity Bid and Offer Summary</a>	<del>Provides information on spare capacity for <i>BB pipelines</i>. This is limited to <i>BB pipelines</i> where the <i>BB pipeline</i> operator owns, controls or operates a secondary <i>BB pipeline</i> capacity trading platform.</del>	<del>Weekly</del>						<del>7:00 pm every Monday.</del>
<a href="#">Secondary Pipeline Capacity Trade Summary</a>	<del>Provides information on secondary pipeline capacity trades that have occurred. This is limited to <i>BB pipelines</i> where the pipeline operator owns, controls or operates a secondary pipeline capacity trading platform.</del>	<del>Weekly</del>						<del>7:00 pm every Monday.</del>
<a href="#">Uncontracted Capacity Outlook</a>	<p>Uncontracted primary pipeline capacity on <i>BB pipelines</i> for the next 12 months. Note: This does not include <i>BB pipelines</i> in the Declared Transmission System.</p> <p>Uncontracted storage capacity on <i>BB storage facilities</i> for each of the next 12 months.</p> <p>Uncontracted primary compression capacity on <i>transitional compression facilities</i> for each of the next 12 months.</p>	Monthly		●	●	●		7:00 pm on the last gas day of each month.
<a href="#">BB Capacity Transaction</a>	Provides information on <i>BB capacity transactions</i> , excluding those concluded through the <i>gas trading exchange</i> .	Ad hoc					●	7:00 pm on the day required in Rule 190C (3)
<a href="#">Auction curtailment notice</a>	Provides a notice if an auction service is subject to curtailment in respect of a gas day.	Ad hoc					●	As soon as practicable after BB reporting entity becomes aware
<a href="#">Daily auction service curtailment notice</a>	Provides information about the amount of curtailed quantity of an auction service for each BB Auction Facility.	Daily					●	As per the Capacity Transfer and Auction Procedures

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## 4.9 ~~[Removed] Secondary Pipeline Capacity Bid and Offer Summary~~

<b>Purpose</b>	Provide information on secondary pipeline capacity available for sale on <i>BB pipelines</i> . This is limited to pipelines where the pipeline operator owns, controls, or operates a secondary pipeline capacity trading platform.
<b>Submission cut-off time</b>	Every Monday at 7:00 pm.
<b>Rollover</b>	No rollover.
<b>Required by</b>	<i>BB pipelines</i> .
<b>Exemptions</b>	No exemptions are given for this submission.
<b>Notes</b>	On submission of Secondary Pipeline Capacity Bid and Offer Summary data, all bid and offer summary data previously submitted by the operator shall be cleared and replaced with the contents of the new submission.

### 4.9.1 ~~Data elements~~

Data	Description	Mandatory
Facility Id	A unique AEMO defined Facility identifier.	Yes
Buy-Sell	Buy: The shipper is in a position to buy spare <i>BB pipeline</i> capacity. Sell: The shipper is in a position to sell their spare <i>BB pipeline</i> capacity.	Yes
Available-Quantity	Available quantity of spare pipeline capacity.	Yes
Price	The price of spare pipeline capacity.	No
From-Gas-Date	Date of gas day. Any time component supplied is ignored. The gas day is applicable under the pipeline contract or market rules.	Yes
To-Gas-Date	Date of gas day. Any time component supplied is ignored. The gas day is that applicable under the pipeline contract or market rules.	Yes
Receipt-Location	Connection Point Id of the location where gas is injected into the pipeline.	Yes
Delivery-Location	Connection Point Id of the location where gas is withdrawn from the pipeline.	Yes
Contact-Details	Details of the relevant shipper contact person such as name and phone number.	Yes

### 4.9.2 ~~Requirements~~

- ~~Available Quantity shall be submitted in TJs accurate to three decimal places.~~
- ~~Price shall be submitted in \$/GJ.~~
- ~~Submitted connection points must be registered against the Facility Id during the connection point registration process.~~
- ~~Submissions must only contain *BB pipelines* operated by the *BB reporting entity*.~~

## 4.10 ~~[Removed] Secondary Pipeline Capacity Trade Summary~~

<b>Purpose</b>	Provide information on secondary pipeline capacity trades that have occurred. This is limited to <i>BB pipelines</i> where the pipeline operator owns, controls, or operates a secondary pipeline capacity trading platform.
<b>Submission cut-off time</b>	Every Monday at 7:00 pm.
<b>Rollover</b>	No rollover.
<b>Required by</b>	<i>BB pipelines</i> .
<b>Exemptions</b>	No exemptions are given for this submission.
<b>Notes</b>	On submission of Secondary Pipeline Capacity Trader Summary data, all bid and offer summary data previously submitted by the operator shall be replaced with the new submission data.



#### 4.10.1 Data elements

Data	Description	Mandatory
Facility Id	A unique AEMO defined Facility identifier.	Yes
Gas Date	Date of gas day. Any time component supplied will be ignored. The gas day is that applicable under the pipeline contract or market rules.	Yes
Receipt Location	Connection Point Id of the location where gas is injected into the pipeline.	Yes
Delivery Location	Connection Point Id of the location where gas is withdrawn from the pipeline.	Yes
Nameplate Capacity	Nameplate capacity of the <i>BB</i> facility.	Yes
Daily Nominations	Daily aggregate quantity of gas nominated for delivery from the <i>BB pipeline</i> .	Yes
Daily Utilisation	Percentage of the <i>BB pipeline</i> capacity that is utilised per day.	Yes
Available Capacity	Operational pipeline capacity minus nominations each day.	Yes
Capacity On Offer	Sum of total capacity offered for sale.	Yes
Daily Capacity Traded	Sum of total daily sold <i>BB pipeline</i> capacity.	Yes
Daily Capacity	Operational capacity of the <i>BB pipeline</i> .	No
Contracted Capacity	Firm contracted pipeline capacity.	No
Average Annual Capacity Traded	Sum of total annual sold pipeline capacity divided by number of days, year to date.	No

#### 4.10.2 Requirements

- Capacity data shall be submitted in TJs accurate to three decimal places.
- Submitted connection points must be registered against the Facility Id during the connection point registration process.
- Submissions must only contain *BB pipelines* operated by the *BB reporting entity*.

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### 4.13 Auction Curtailment Notice

Purpose	Provides a notice if an auction service is subject to curtailment in respect of a gas day.
Submission cut-off time	<ul style="list-style-type: none"> <li>In accordance with Rule 190A(2), an auction curtailment notice must be provided to AEMO as soon as practicable after the <i>BB reporting entity</i> becomes aware of the circumstances giving rise to the curtailment.</li> <li>In accordance with Rule 190A(3), a <i>BB reporting entity</i> must update the auction curtailment notice for its <i>BB auction facility</i> if the information provided in the auction curtailment notice is no longer accurate, including due to circumstances resulting in additional curtailment of the auction service for the gas day.</li> </ul>
Rollover	No Rollover
Required by	<i>BB reporting entity</i> for a <i>BB auction facility</i> .
Exemptions	No exemptions are given for this submission.

#### 4.13.4 Requirements

- The data elements and requirements for this submission are specified as per the Auction Service Curtailment Notice transaction in the Capacity Transfer and Auction Interface Protocol, provided for by the Capacity Transfer and Auction Procedures.
- The transaction has been specified such that the facility operator for a Part 24 facility will provide this information in accordance the Capacity Transfer and Auction Interface Protocol.



## 4.14 Daily Auction Service Curtailment Information

<b>Purpose</b>	Provides information about the amount of curtailed quantity of an auction service for each BB Auction Facility.
<b>Submission cut-off time</b>	As specified in the Capacity Transfer and Auction Procedures
<b>Rollover</b>	No Rollover
<b>Required by</b>	<i>BB reporting entity for a BB auction facility.</i>
<b>Exemptions</b>	No exemptions are given for this submission.

### 4.14.4 Requirements

- The data elements and requirements for this submission are specified as per the Auction Settlement Quantities transaction in the Capacity Transfer and Auction Interface Protocol, provided for by the Capacity Transfer and Auction Procedures.
- The report has been specified such that the facility operator for a Part 24 facility will provide this information in accordance with 21.2.1 of the Capacity Transfer and Auction Procedures.
- AEMO will aggregate RQs provided to AEMO in accordance with 21.2.1 of the Capacity Transfer and Auction Procedures for each BB auction facility for each gas day for publication on the BB as daily auction service curtailment information for each BB auction facility – this will be published as the ‘Revised Auction Quantities’ report.