



# East Coast Gas System Procedures

**Prepared by:** AEMO Reform Delivery

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## Current version release details

Version	Effective date	Summary of changes
0.1	1 June 2023	Initial procedure

**Note: There is a full version history at the end of this document.**

# 1. Introduction

## 1.1. Purpose and scope

These are the East Coast Gas System Procedures (**Procedures**) made under section 91AD(1)(h) of the National Gas Law (**NGL**), and deal with the matters set out in section 91AG(1) of the NGL and Part 27 of the National Gas Rules (**NGR** or **Rules**).

These Procedures have effect only for the purposes set out in the NGL and NGR. The NGL and NGR prevail over these Procedures to the extent of any inconsistency.

## 1.2. Definitions and interpretation

### 1.2.1. Glossary

Terms defined in the NGL and the NGR have the same meanings in these Procedures unless otherwise specified in this clause. *[Note: These draft Procedures use the following defined terms that will be included in the NGL by the National Gas (South Australia) (East Coast Gas System) Amendment Bill 2022 (Amendment Bill) as introduced in the South Australian Parliament on 30 November 2022: ‘east coast gas system’, ‘east coast gas system direction’, ‘east coast gas system reliability and supply adequacy functions’, ‘east coast jurisdiction’, ‘gas powered generator’, and ‘relevant entity’.*

Terms defined in the NGL or the NGR are intended to be identified in these Procedures by italicising them, but failure to italicise a defined term does not affect its meaning.

In addition, the words, phrases and abbreviations in the table below have the meanings set out opposite them when used in these Procedures. *[Note: It is expected that a number of terms included in the table below will be defined in the [National Gas Amendment \(East Coast Gas System\) Rules 2023 \(Amendment Rules\)](#), including ‘conference notice’, ‘direction or trading function’, ‘direction or trading notice’, ‘identified risk or threat’, ‘maintenance work’, ‘post-intervention report’, and ‘risk or threat notice’. These definitions will be removed from the table when the Amendment Rules are published after they are made by the South Australian Energy Minister. The definitions are included in the table to assist stakeholder review of these draft Procedures and are based on material included in the Information Paper entitled ‘[Extending AEMO’s functions and powers to manage east coast gas system reliability & supply adequacy](#)’ published on the website of the Department of Climate, Energy, the Environment and Water on 23 February 2023 (Information Paper).*

Term	Definition
Bulletin Board or BB	The Natural Gas Services Bulletin Board maintained by AEMO in accordance with Part 18 of the NGR.
BB Submission Data Guide	The BB Data Submission Guide published on the Bulletin Board.
conference notice	A notice published by AEMO in accordance with these Procedures if AEMO decides to convene a conference under Part 27 of the NGR.
demand zone	See clause 2.1.4(d).
direction or trading function	A function specified in section 91AD(1)(e) or (f) of the NGL.
direction or trading notice	A notice required to be published by AEMO as soon as practicable after it exercises a direction or trading function.
direction notice	A <i>direction or trading notice</i> that relates to the exercise of the function specified in section 91AD(1)(e) of the NGL.

Term	Definition
direction	An <i>east coast gas system direction</i> .
EFT facility	The Reserve Bank of Australia real time gross settlement facility or, where such a facility is not available, an electronic funds transfer facility to be arranged by AEMO.
Identified risk or threat	An actual or potential risk or threat to the reliability or adequacy of the supply of natural gas within the <i>east coast gas system</i> .
linepack	See clause 2.1.4(b).
linepack type	See clause 2.1.5.
linepack zone	See clause 2.1.4(c).
maintenance work	See clause 2.2.2(e).
Part 27 information	Information required to be provided to AEMO under Part 27 of the NGR.
Part 27 register	The register of <i>relevant entities</i> maintained by AEMO for the purposes of Part 27 and these Procedures.
Part 27 retailer	Includes a <i>retailer</i> and a <i>non-NGL retailer</i> .
pipeline segment	See clause 2.1.4(a).
post-intervention report	A report required to be published by AEMO within four months following the exercise of its direction or trading function.
NEM	National Electricity Market.
non-NGL retailer	See clause 2.1.6.
RESTful	Representational State Transfer.
risk or threat notice	A notice required to be published by AEMO as soon as reasonably practicable after it identifies an actual or potential risk or threat to the reliability or adequacy of the supply of natural gas within the <i>east coast gas system</i> that meets or exceeds the criteria specified in these Procedures.
Trading Location	Has the same meaning as it has in the Gas Supply Hub <i>gas trading exchange agreement</i> .
trading notice	A <i>direction or trading notice</i> that relates to the exercise of the function specified in section 91AD(1)(f) of the NGL.

### 1.2.2. Interpretation

The following principles of interpretation apply to these Procedures unless otherwise expressly indicated:

- (a) These Procedures are subject to the principles of interpretation set out in Schedule 2 of the National Gas Law.
- (b) References to time are references to Australian Eastern Standard Time.
- (c) Where these Procedures contain a summary of a Rule in italics, the summary is for ease of reference only and does not form part of the Procedures. *[Note: The italicised summaries included in these draft Procedures are based on the description of the matters to be dealt with in the Procedures contained in the Information Paper. The references to 'Part 27' in each of the italicised summaries will be replaced with appropriate Rule references when the Amendment Rules are published. Rule references will also be inserted where relevant in the operative provisions of these Procedures.]*

## 1.3. Related documents

The following documents support these Procedures.

Reference	Title	Location
BB Data Submission Guide	BB Data Submission Guide	<a href="#">AEMO website</a>
BB Procedures	BB Procedures	<a href="#">AEMO website</a>
Electronic Communication Procedures	Wholesale Market Electronic Communication Procedures (Victoria)	<a href="#">AEMO website</a>
System Security Procedures	Wholesale Market System Security Procedures (Victoria)	<a href="#">AEMO website</a>
Maintenance Planning Procedures	Wholesale Market Maintenance Planning Procedures (Victoria)	<a href="#">AEMO website</a>
Gas Emergency Protocol	Gas Emergency Protocol	<a href="#">AEMO website</a>
Gas Scheduling Procedures	Wholesale Market Gas Scheduling Procedures (Victoria)	<a href="#">AEMO website</a>
Gas Supply Hub Exchange Agreement	Gas Supply Hub Exchange Agreement	<a href="#">AEMO website</a>
STTM Procedures	STTM Procedures	<a href="#">AEMO website</a>
GSH Benchmark Price Methodology	Gas Supply Hub – End of Day Benchmark Price Methodology	<a href="#">AEMO website</a>

## 2. Disclosure obligations

### 2.1. General information

#### 2.1.1. Format for the provision of Part 27 information

*Part 27 requires information provided by a relevant entity to AEMO to be provided in the manner and form specified in the Procedures.*

- (a) *Part 27 information* must be provided to AEMO using one of the methods that are available for the submission of Bulletin Board (BB) information specified in clause 2.1.1 (c).
- (b) Where specified in these Procedures, AEMO will utilise information submitted in accordance with Part 18 of the NGR (**BB submissions**) to also satisfy the requirement for a *relevant entity* to provide *Part 27 information*.
- (c) There are two methods available to submit *Part 27 information* in accordance with these Procedures:
  - (i) BB website file upload: CSV file upload using the BB website upload page; and
  - (ii) RESTful web services: HTTP POST request using a RESTful interface.

Either of the above-mentioned methods may be used depending on the IT systems and requirements of the *relevant entity*.

- (d) The file format and data elements specified in the BB Data Submission Guide for each relevant category of information must be used unless otherwise specified in these Procedures.
- (e) A summary of the information requirements and responsibilities, reporting frequency, and timing of submissions is available in Appendix B.
- (f) A *relevant entity* that does not have existing access to AEMO systems must apply to AEMO to register for the purposes of system access.

#### 2.1.2. Exemptions and default and standing values

*Part 27 provides that AEMO may make Procedures to exempt a relevant entity from the obligation to provide an item of Part 27 information and to provide for the use of default or standing values in place of the exempt information.*

- (a) A relevant entity may apply to AEMO for an exemption from the obligation to provide one or more items of Part 27 information.
- (b) An application for exemption must:
  - (i) include details of the exemption that the *relevant entity* is seeking and the reasons why the *relevant entity* considers an exemption is warranted;
  - (ii) be signed by an authorised signatory of the applicant organisation; and
  - (iii) be in writing and sent to AEMO via email to: [bbo@aemo.com.au](mailto:bbo@aemo.com.au).
- (c) AEMO may request additional information from the *relevant entity* applicant for the purpose of considering an exemption application.

- (d) AEMO may in its discretion grant an exemption where it considers the exemption will not adversely affect its ability to perform its *east coast gas system reliability and supply adequacy functions*. Relevant circumstances may include:
  - (i) the *relevant entity* has a corresponding exemption under Part 18 of the NGR;
  - (ii) the *relevant entity* can demonstrate to AEMO's satisfaction and provide adequate justification that the use of a default or standing value would not adversely affect AEMO's ability to perform its *east coast gas system reliability and supply adequacy functions*;
  - (iii) AEMO has sufficient other information such that the exclusion of the information that is the subject of the exemption would not adversely affect AEMO's ability to perform its *east coast gas system reliability and supply adequacy functions*.
- (e) Where AEMO grants an exemption on the basis that default or standing values will be used in place of the relevant item of information, AEMO may:
  - (i) determine the default or standing values to be used on such basis as it considers appropriate, including by specifying the values after consultation with the *relevant entity* or requiring the *relevant entity* to propose values for AEMO's approval; and
  - (ii) require multiple values to be used, dependent on factors such as seasonality and plant operations.
- (f) If AEMO grants an exemption, the exemption takes effect from the time specified by AEMO in the notice of exemption and is subject to any conditions specified in the notice.
- (g) AEMO may at any time revoke an exemption and, if it does so, will notify the *relevant entity* of the revocation and the date from which the *relevant entity* must commence to provide the information that was the subject of the exemption.

### 2.1.3. Reliability of gas supply – notifying AEMO

*Part 27 provides that the Procedures may specify the circumstances in which information must be reported to AEMO by a BB reporting entity for a BB facility (excluding BB large user facilities and LNG processing facilities) after becoming aware of an event or circumstances relating to the BB facility that affects or potentially affects the reliability of gas supply.*

- (a) Where a *BB reporting entity* for a *BB facility* is required under Part 27 of the NGR to notify AEMO of an event or circumstances relating to the *BB facility* that affects, will affect or may affect the reliability of gas supply, the requirement to notify AEMO applies in circumstances where the event or circumstances relating to the *BB facility* causes, will cause or may cause a decrease in capacity or a reduction in gas supply which exceeds the greater of A and B where:
  - (i) A is 5 TJ/day; and
  - (ii) B is the lesser of 10% of the relevant *nameplate rating* of the facility and 30 TJ/day.
- (b) Clause 2.1.3(a) applies to any changes that are within the current gas day D to D+14.
- (c) Notifications must be sent to AEMO Gas Operations via email to: [ECGS.notices@aemo.com.au](mailto:ECGS.notices@aemo.com.au) and copied to [bbo@aemo.com.au](mailto:bbo@aemo.com.au).

- (d) The *relevant entity* must provide:
  - (i) details of the event or circumstance;
  - (ii) the start and expected end date of the event or circumstance, including the times the event or circumstance is expected to start and end; and
  - (iii) the reduction in supply or decrease in capacity that occurred, will occur or may occur during the period.

#### 2.1.4. Pipeline segments, linepack, linepack zones and demand zones

*Part 27 provides that the terms linepack, linepack zone and pipeline segment are to be defined in the Procedures and that the Procedures may specify how demand zones, supply zones, linepack zones and pipeline segments are to be determined.*

- (a) A *pipeline segment* is each part of a *BB pipeline* for which a *BB reporting entity* is required to separately report in accordance with Part 18 of the NGR as required under clause 6.1(g) of the *BB Procedures*, including any part of a *BB pipeline* for which an additional nameplate rating is requested by AEMO under clause 6.1(h) of the *BB Procedures*.
- (b) *Linepack* is the quantity of natural gas, in TJ, stored within the *BB pipeline*.
- (c) Unless otherwise determined by AEMO in relation to a particular *BB pipeline*, each of the following is a *linepack zone*:
  - (i) the starting point or end point of a *BB pipeline* and an adjacent pipeline compression facility;
  - (ii) the section of a *BB pipeline* between two sequential compression facilities, including all lateral pipelines;
  - (iii) the section of a *BB pipeline* between two non-sequential midline compression facilities where there is no receipt or delivery connection point between those facilities;
  - (iv) the starting point and the end point of a *BB pipeline* where there is no mid-line compression facility.
- (d) A *demand zone* is a collection of delivery connection points and *BB pipeline* as specified in Appendix A.

AEMO will publish a detailed list of *demand zones* and *linepack zones* on the AEMO website.

#### 2.1.5. Linepack types and measurement

*Part 27 provides that the Procedures may specify how linepack or types of linepack must be measured.*

*Linepack types* must be measured and reported, in TJ, as follows:

- (i) *Operational linepack*: the quantity of gas held within a *linepack zone* for a *BB pipeline*.
- (ii) *Contracted linepack*: the quantity of firm contracted gas available and stored as *linepack* within the *BB pipeline*.



- (iii) Green *linepack* bound: the estimated quantity of gas representing the upper physical limit of *linepack* that can be held within the operating envelope of a *linepack zone* on a *BB pipeline*.
- (iv) Amber *linepack* bound: the estimated quantity of gas representing the upper physical limit of *linepack* within a *linepack zone* below which *linepack* cannot be relied upon to support demand on a *BB pipeline*.
- (v) Red *linepack* bound: the estimated quantity of gas representing the upper physical limit of *linepack* within a *linepack zone* below which *linepack* is insufficient to maintain minimum contracted delivery pressures and deliverability rates or as required for system security on the *BB pipeline*.

### 2.1.6. Non-NGL retailers

*Part 27 provides that for the purpose of the disclosure obligations in that Part, a reference to a retailer includes a non-NGL retailer within the meaning of the Procedures.*

A *non-NGL retailer* is a person that is not a *retailer* as defined in section 2(1) of the *National Energy Retail Law* or a *gas retailer* as defined section 3 of the *Gas Industry Act 2001* (Vic) but who meets at least one of the following criteria:

- (a) The person is an *exempt seller* as defined in section 2(1) of the *National Energy Retail Law* [or is exempt from the requirement to obtain a licence in respect of the sale of gas by retail because of an Order made under section 24 of the *Gas Industry Act 2001* (Vic)].
- (b) The person is registered in the *declared wholesale gas market* in one of the following categories:
  - i. *Transmission customer* as per rule 135A(h) of the NGR;
  - ii. *Market Participant – Transmission Customer* as per rule 135A(i) of the NGR; or
  - iii. *Market Participant – Trader* as per rule 135A(l) of the NGR.
- (c) The person is registered in the retail gas market in one of the following categories:
  - i. *Self contracting user* as per rules 135AB(1)(c), 2(c) or 3(d) of the NGR; or
  - ii. *Market participant – other* as per rule 135AB(4)(d) of the NGR.
- (d) The person is registered in a *short term trading market* in one of the following categories:
  - i. *STTM Shipper* as per rule 135ABA(1)(a) of the NGR; or
  - ii. *STTM User* as per rule 135ABA(1)(b) of the NGR.
- (e) The person otherwise directly buys, or withdraws, gas from the *east coast gas system*.

## 2.2. Information provision obligations

### 2.2.1. Expected daily gas demand

*Part 27 requires retailers, BB reporting entities for BB large user facilities and responsible reporting entities for LNG export projects to provide daily demand forecasts.*

- (a) Where a *relevant entity* that is a *Part 27 retailer*, a *BB reporting entity* for a *BB large user facility* or the *responsible reporting entity* for an *LNG export project* is required under Part 27 of the NGR to provide information to AEMO in relation to its expected daily gas

- demand, the *relevant entity* must provide the information by 10.00 pm each gas day D-1 for gas days D to D+6.
- (b) The expected daily gas demand and the proportions referred to in clause 2.2.1(e) must be in TJ/day.
  - (c) Where the submission is for a *BB large user facility* or *LNG export project* the identifier of the facility must be included.
  - (d) A *relevant entity* that is a *Part 27 retailer* must provide, for each *demand zone*:
    - (i) the proportion of the expected daily gas demand that is to be purchased under a gas supply agreement based on the *relevant entity's* reasonable expectation of existing and potential agreements;
    - (ii) the proportion of the expected daily gas demand that is expected to be purchased from a gas trading exchange, including the *Trading Location*, administered by AEMO (including a gas trading exchange location outside of the *demand zone*);
    - (iii) the proportion of the expected daily gas demand that is expected to be purchased from a market administered by AEMO, where that market is wholly or partly within the *demand zone*;
    - (iv) the proportion, of the expected daily gas demand that is expected to be purchased from a market administered by AEMO, where that market is outside of the *demand zone*; and
    - (v) the total expected daily gas demand for that *demand zone* which must equal the sum of the values submitted under clauses 2.2.1(d)(i), (d)(ii), (d)(iii) and (d)(iv).
  - (e) A *relevant entity* that is not a *Part 27 retailer* must provide:
    - (i) the proportion of the expected daily demand that is to be purchased under a gas supply agreement based on the *relevant entity's* reasonable expectation of existing and potential agreements;
    - (ii) the proportion of the expected daily gas demand that is expected to be purchased from a gas trading exchange, including the *Trading Location*, administered by AEMO;
    - (iii) the proportion of the expected daily gas demand that is expected to be purchased from a market administered by AEMO, where the *relevant entity's* facility is within that market;
    - (iv) the proportion of the expected daily gas demand that is expected to be purchased from a market administered by AEMO, and the *relevant entity's* facility is not within that market; and
    - (v) the total expected daily gas demand which must equal the sum of the values submitted under clauses 2.2.1(e)(i), (e)(ii), (e)(iii) and (e)(iv).
  - (f) In this clause references to a gas supply agreement include any agreement under which gas is or may be made available to the *relevant entity*, including a gas swap agreement, a gas transportation agreement and a gas storage agreement.

- (g) If there has been a change to any of the values submitted in accordance with this clause, updated information must be provided as soon as practicable where that change exceeds the greater of A and B where:
  - (i) A is 5 TJ/day; and
  - (ii) B is the lesser of 10% of the previously submitted corresponding value and 30 TJ/day.

### 2.2.2. Medium term maintenance demand

*Part 27 requires BB reporting entities for BB large user facilities and responsible reporting entities for LNG export projects to provide details of medium term maintenance work.*

*Part 27 provides that the Procedures will specify the degree of constraint on the normal operation of equipment that is necessary for work on the equipment to constitutes maintenance work.*

- (a) Where a *relevant entity* that is a *BB reporting entity* for a *BB large user facility* or the *responsible reporting entity* for an *LNG export project* is required under Part 27 of the NGR to provide to AEMO details of maintenance work expected to be carried out on the *BB large user facility* or *LNG processing facility*, the *relevant entity* must provide the information by 10.00 pm on the last gas day of each month M-1 for months M to M+23.
- (b) For each facility the *relevant entity* is required to provide the following information:
  - (i) the start date of the maintenance work;
  - (ii) the end date of the maintenance work;
  - (iii) the expected maximum daily demand, in TJ/day, during the maintenance period;
  - (iv) the expected minimum daily demand, in TJ/day, during the maintenance period;
  - (v) the expected average daily demand, in TJ/day, during the maintenance period; and
  - (vi) a brief description of the maintenance activity.
- (c) Where there are multiple maintenance activities within the outlook period, multiple submissions must be made.
- (d) If there has been a change to the dates of the maintenance activities, an updated submission must be provided as soon as practicable.
- (e) For the purpose of Part 27 of the NGR and these Procedures, maintenance work, in relation to a facility, means work that results in a constraint on the normal operation of the facility by an amount that exceeds the greater of A and B where:
  - (i) A is 5 TJ/day; and
  - (ii) B is the lesser of 10% of the relevant nameplate rating of the facility and 30 TJ/day.
- (f) If there has been a change to any of the values submitted in accordance with 2.2.2(b)(iii), (b)(iv) or (b)(v), updated information must be provided as soon as practicable where that change exceeds the greater of A and B where:
  - (i) A is 5 TJ/day; and

- (ii) B is the lesser of 10% of the relevant *nameplate rating* of the facility and 30 TJ/day.

### 2.2.3. Extended daily capacity outlooks

*Part 27 requires BB reporting entities for BB facilities (excluding BB large user facilities and LNG processing facilities) to provide daily capacity forecasts for a 6-month outlook.*

- (a) Where a *BB reporting entity* for a *BB facility* is required under Part 27 of the NGR to provide to AEMO a daily capacity forecast for a 6-month outlook period (**extended daily capacity outlook**), the *BB reporting entity* must provide the forecast by 7.00 pm on the last gas day of each month M-1 for months M to M+5.
- (b) The extended daily capacity outlook must be specified in TJ/day.
- (c) The extended daily capacity outlook for each relevant *BB facility* must include the outlook for each part of the *BB facility* which has a separate *nameplate rating* capacity. The *BB reporting entity* must provide a description of the daily capacity quantities in the extended daily capacity outlook, including a description of material factors that impact the capacity number, the reliability of that capacity and any other relevant information, by using the 'free text' field provided for in the transaction file.
- (d) Each extended daily capacity outlook must take account of short term changes to the availability and performance of plant that is materially impacting or will materially impact daily capacity during the 6-month outlook period.
- (e) *Production facility operators* must also take account of any short term trends in gas field performance if this is constraining or will constrain overall daily capacity or impact the reliability of that capacity within the relevant period.
- (f) The daily capacity for a gas day in a current extended daily capacity outlook may be updated before or after that gas day has commenced by uploading an updated file in the standard format. The *BB reporting entity* must provide the reason for the change in capacity by using the 'free text' field provided for in the transaction file.
- (g) If there has been a change to any of the values in the most recently submitted extended daily capacity outlook, updated information must be provided as soon as practicable where that change exceeds the greater of A and B where:
  - (i) A is 5 TJ/day; and
  - (ii) B is the lesser of 10% of the relevant *nameplate rating* of the facility and 30 TJ/day.

### 2.2.4. Medium term capacity outlook recall times

*Part 27 requires BB reporting entities for BB facilities (excluding BB large user facilities and LNG processing facilities) to provide recall times relating to medium term capacity outlooks.*

- (a) Where a *BB reporting entity* for a *BB facility* is required under Part 27 of the NGR to provide to AEMO information regarding outage recall times, the *BB reporting entity* must provide the information by 7.00 pm on the last gas day of each month M-1 for months M to M+23. This is in addition to the information submitted in Bulletin Board *medium term capacity outlooks*.
- (b) The recall time must be specified in hours.

- (c) The *BB reporting entity* must provide additional information about limitations of recall times, including limitations on capacity that can be made available, by using the 'free text' field provided for in the transaction file.

### 2.2.5. Linepack forecasts

*Part 27 requires BB reporting entities for BB pipelines to provide forecasts of linepack for each linepack zone in which the relevant entity operates.*

- (a) Where a *BB reporting entity* for a *BB pipeline* is required under Part 27 of the NGR to provide to AEMO a daily forecast of the amount of *linepack* in each *linepack zone* forming part of the *BB pipeline*, the *BB reporting entity* must provide the information by 10.00 pm each gas day D-1 for gas days D to D+6.
- (b) The linepack forecast must be specified in TJ/day.
- (c) The linepack forecast must include a forecast for each linepack type described in clause 2.1.5.
- (d) The linepack forecast must be based on the beginning of the gas day to which the forecast relates.
- (e) If there has been a change to any of the values submitted in accordance with clause 2.2.5(c), updated information must be provided as soon as practicable where that change exceeds the greater of A and B where:
  - (i) A is 5 TJ/day; and
  - (ii) B is the lesser of 10% of the previously submitted corresponding value and 30 TJ/day.

### 2.2.6. Short term capacity outlooks for pipeline segments

*Part 27 requires BB reporting entities for BB pipelines to provide short term capacity outlooks for each pipeline segment.*

- (a) Where a *BB reporting entity* for a *BB pipeline* is required under Part 27 of the NGR to provide to AEMO a daily capacity for each *pipeline segment* (**short term capacity outlook**), the *BB reporting entity* must provide the information by 7.00 pm each gas day D-1 for the period D to D+6.
- (b) The short term capacity outlook must be provided in TJ/day.
- (c) A *BB reporting entity* will satisfy the requirements of this clause through the submission of the Bulletin Board *short term capacity outlook*.
- (d) The short term capacity outlook for each *BB pipeline* must include the outlook for each *pipeline segment* of that facility.
- (e) The *BB reporting entity* must provide a description of the daily capacity quantities in the short term capacity outlook, including a description of material factors that impact the capacity number and any other relevant information, by using the 'free text' field provided for in the transaction file.
- (f) Each short term capacity outlook must take account of short term changes to the availability and performance of plant that is materially impacting or will materially impact daily capacity during the 7-day outlook period.

- (g) The daily capacity for a gas day in a current short term capacity outlook may be updated before or after that gas day has commenced by uploading an updated file in the standard format. The *BB reporting entity* must provide the reason for the change in capacity by using the 'free text' field provided for in the transaction file.
- (h) If there has been a change to any of the values in the most recently submitted short term capacity outlook, updated information must be provided as soon as practicable where that change exceeds the greater of A and B where:
  - (i) A is 5 TJ /day; and
  - (ii) B is the lesser of 10% of the relevant *nameplate rating* of the facility and 30 TJ/day.

### 2.2.7. Domestic supply and export forecast

*Part 27 requires the responsible reporting entity for an LNG export project to provide forecasts of expected supply to the domestic markets for consumption in an east coast jurisdiction and for export.*

- (a) Where the *responsible reporting entity* for an LNG export project is required under Part 27 of the NGR to provide to AEMO a monthly forecast of expected supply to the domestic market for consumption in an *east coast jurisdiction* and for export, the *responsible reporting entity* must provide the information by 10.00 pm on the last gas day of each month M-1 for month M to M+5.
- (b) The quantity of gas that the project expects to supply to the domestic market for consumption in an *east coast jurisdiction* must be specified in TJ/month.
- (c) If there has been a change to any of the values submitted in accordance with clause 2.2.7(b) in the most recently submitted domestic supply forecast, updated information must be provided as soon as practicable where the absolute value of the change for a month is greater than 100 TJ.
- (d) The quantity of gas that the project expects to export, including the quantity of gas for feed gas requirements (such as fuel) required to produce LNG, must be specified in TJ/month.
- (e) If there has been a change to any of the values submitted in accordance with clause 2.2.7(d) in the most recently submitted export forecast, updated information must be provided as soon as practicable where the absolute value of the change for a month is greater than 1,500 TJ.

## 3. Monitoring and signalling

### 3.1. Risk or threat notices

#### 3.1.1. Criteria for publication of risk or threat notices

*Part 27 requires AEMO to publish a notice in accordance with the Procedures if AEMO identifies an actual or potential risk or threat that meets or exceeds criteria specified in the Procedures.*

*Part 27 requires AEMO to vary or revoke the notice if it considers the identified risk or threat no longer meets or exceeds the criteria specified in the Procedures.*

- (a) AEMO will publish a *risk or threat notice* in respect of an *identified risk or threat* if AEMO considers that the *identified risk or threat* meets or exceeds the following criteria:
  - (i) the supply of gas in all or part of the *east coast gas system* is inadequate to meet demand; or
  - (ii) the supply of gas in all or part of the *east coast gas system* cannot be relied upon to meet demand, including in circumstances where:
    - (A) supply reserves are insufficient to respond to an unplanned event; or
    - (B) gas supply, including gas storage, may be insufficient to satisfy seasonal demand requirements.

#### 3.1.2. Publication of risk or threat notices

*Part 27 requires AEMO to publish risk or threat notices, and to publish notices varying or revoking risk or threat notices, in accordance with the Procedures.*

- (a) When AEMO is required to publish a *risk or threat notice*, or is required to publish notice of a variation or revocation of a *risk or threat notice*, it will publish the notice on its website and in any other way it considers appropriate.

### 3.2. Direction notices

*Part 27 requires AEMO to publish direction or trading notices in accordance with the Procedures as soon as reasonably practicable after the exercise of a direction or trading function.*

- (a) When AEMO is required to publish a *direction notice*, or is required to publish notice of a variation or revocation of a *direction notice*, it will publish the notice on its website and in any other way it considers appropriate.
- (b) If AEMO gives multiple *directions* in relation to the same *identified risk or threat*, a single *direction notice* may be published summarising all *directions*.

### 3.3. Trading notices

*Rule 697(1) requires AEMO to publish direction or trading notices in accordance with the Procedures as soon as reasonably practicable after the exercise of a direction or trading function.*

- (c) When AEMO is required to publish a *trading notice*, or is required to publish notice of a variation or revocation of a *trading notice*, it will publish the notice on its website and in any other way it considers appropriate.
- (d) If AEMO exercises its *trading function* by undertaking multiple trades or transactions in relation of the same *identified risk or threat*, a single *trading notice* may be published summarising all trades or transactions relating to that *identified risk or threat*.

### 3.4. Non-compliance with a direction

*Part 27 requires relevant entities to provide AEMO and the AER a report detailing the reasons for not complying with an east coast gas system direction within two business days of receiving the direction.*

- (a) Where a *relevant entity* is required to notify AEMO of its inability to comply or its intention not to comply with a *direction*, the notice must be provided to AEMO via email to: [ECGS.notices@aemo.com.au](mailto:ECGS.notices@aemo.com.au).
- (b) Where a *relevant entity* is required to provide AEMO and the AER a report detailing the reasons for its non-compliance with a *direction*, the report must be provided by 5.00 pm two business days after receiving the *direction*. The report must be provided by email to:
  - (i) AEMO: [bbo@aemo.com.au](mailto:bbo@aemo.com.au)
  - (ii) AER: [AERCompliance@aer.gov.au](mailto:AERCompliance@aer.gov.au)

### 3.5. Post-intervention reports

*Part 27 requires AEMO to publish a post-intervention report in accordance with the Procedures within 4 months after the end of the exercise of a direction or trading function.*

AEMO will publish *post-intervention reports* on AEMO's website.

### 3.6. Gas supply adequacy and reliability conferences

#### 3.6.1. Requirements for giving notice of conferences

*Part 27 provides that AEMO may make Procedures specifying the requirements for giving notice of conferences.*

- (a) *Conference notices* will be given to *relevant entities* and other persons required or invited to attend the conference using the contact details contained in the *Part 27 register*.
- (b) AEMO may also use contact information obtained through the assessment process or through its other market functions in order to ensure *relevant entities* are aware of the conference.
- (c) *Conference notices* will be given to *jurisdictional representatives* and the ACCC using the contact details provided by the *jurisdictional representatives* and the ACCC to AEMO for that purpose.
- (d) *Conference notices* will be given by email and/or SMS.
- (e) *Conference notices* may also be published on AEMO's website.



### 3.6.2. Information to be included in conference notices

*Part 27 provides that the Procedures may specify information to be included in conference notices.*

The following information will be included in a *conference notice*:

- (a) Details of the conference including the date, time and method for joining the conference. Where practicable, conferences will be held in business hours.
- (b) Details of the purpose of the conference.
- (c) The *relevant entities* or class of *relevant entities* that must attend the conference.
- (d) The *relevant entities* or class of *relevant entities* that may attend the conference.
- (e) Additional information that AEMO considers necessary or desirable to assist *relevant entities and other attendees* to prepare for the conference.

### 3.6.3. Disclosure of information obtained at conferences

*Part 27 requires AEMO to make Procedures in relation to the information that AEMO may provide to persons attending conferences and requirements relating to the disclosure of information provided or obtained at conferences.*

- (a) AEMO may provide persons attending conferences with information in relation to an *identified risk or threat* or an event or circumstance that AEMO considers may lead to an *identified risk or threat*. This information will be either publicly available or aggregated information.
- (b) Without limitation, AEMO may provide information on:
  - (i) the *identified risk or threat* or the event or circumstance that may lead to an *identified risk or threat*;
  - (ii) NEM demand, supply and *reserve* conditions by region;
  - (iii) nominations, forecasts and short term gas outlooks, including information from the Bulletin Board on gas production and pipeline flows;
  - (iv) aggregated information obtained through AEMO's *east coast gas system reliability and supply adequacy functions*; and
  - (v) information provided to AEMO before the conference by *relevant entities* or other persons invited to attend the conference.
- (c) If requested by AEMO, *relevant entities* must promptly review and validate information on their gas outlook as provided in accordance with Part 27 of the Rules or as published on the Bulletin Board to inform the assessment of any *identified risk or threat*. *Relevant entities* may indicate an update is forthcoming to this information at the conference.
- (d) AEMO may identify information provided at a conference that is confidential.

### 3.6.4. Record of conferences

*Part 27 requires AEMO to make a record of conferences and to disclose information obtained at conferences in accordance with the Procedures.*

- (e) AEMO may record conferences, including by making video recordings and phone recordings, for the purpose of creating a record of the conference.

- (f) AEMO will publish a record of the information obtained at a conference (excluding confidential information), as a meeting note, no later than 20 business days following the conference.
- (g) AEMO is not required to publish or otherwise make available any video, phone or other recording of a conference.

## 4. Compensation claims

### 4.1. Notice of compensation claim

Part 27 requires notices of compensation claims to be given in accordance with, and contain the information specified in, the Procedures.

- (h) A notice to AEMO making a claim for compensation under Part 27 of the Rules must be emailed to: [bbo@aemo.com.au](mailto:bbo@aemo.com.au). The notice must specify:
- (i) the *relevant entity* making the claim;
  - (ii) the period during which the *relevant entity* suffered a financial detriment;
  - (iii) where relevant, details of the direct costs associated with the provision of a *natural gas service* as a result of receiving a *direction*;
  - (iv) where relevant, details of the direct costs associated with the deprivation of a *natural gas service* as a result of receiving a *direction*;
  - (v) details of any funds, payments, compensation or other financial benefit the claimant received for undertaking the activity required by the *direction*; and
  - (vi) evidence supporting the claim.

### 4.2. Standing prices and benchmark rates

Part 27 requires AEMO to make Procedures on standing prices or benchmark rates for certain gas services to be used for the purpose of determining compensation claims where market or contract rates are not available.

- (a) AEMO will determine standing prices or benchmark rates for *natural gas services* as follows:
- (i) Pipeline services: the standing price published in accordance with Part 10 of the Rules will be used, or, where no such standing price has been published, the benchmark rate will be determined by reference to the standing price of a similar service for which a price has been published.
  - (ii) Supply of gas:
    - (A) The following prices will be used for the following locations relating to a supply of gas:
      1. New South Wales – the Short Term Trading Market (STTM) Sydney ex ante price corresponding to the relevant gas day;
      2. South Australia – the STTM Adelaide ex ante price corresponding to the relevant gas day;
      3. Queensland – the STTM Brisbane ex ante price corresponding to the relevant gas day; and
      4. Victoria – the Declared Wholesale Gas Market (DWGM) market price determined in the pricing schedule for the scheduling interval beginning at 6:00 AM corresponding to the gas day.

- (B) Where paragraph (A) does not apply, the benchmark rate will be the Wallumbilla benchmark price as defined in the Gas Supply Hub benchmark price methodology published on AEMO's website.
- (iii) Storage and compression services: the standing price published in accordance with Part 18A of the Rules will apply, or, where no such standing price has been published, the benchmark rate will be determined by reference to the standing price of a similar service for which a price has been published.
- (b) Where clause 4.2(a) requires a benchmark price to be determined by reference to a similar service, AEMO will apply the following principles to the extent practicable:
  - (i) the service should be in the same State;
  - (ii) the facility should be similar in size; and
  - (iii) where there are multiple similar services, an average of the standing prices for such services should be used.

### 4.3. Determination and payment of compensation claims

*Part 27 requires the dispute resolution panel to make a determination in accordance with the Procedures on whether it is appropriate for compensation to be paid to a claimant and, if so, the amount of compensation.*

- (a) The dispute resolution panel is responsible for independently investigating, analysing and determining a compensation claim in accordance with the Rules and these Procedures.
- (b) The dispute resolution panel may seek information directly from affected parties, the AER, and contractual parties such as pipeline operators and suppliers for the purpose of making a determination.
- (c) Where additional information is required, and the dispute resolution panel has been unable to obtain this information, the dispute resolution panel may request this information from AEMO. Where it is available, AEMO may provide raw data to support the analysis conducted by the panel but may not have access to all relevant data. If requested by the panel, AEMO may request this information from *relevant entities*.
- (d) AEMO will not provide an analysis or assessment of information required to determine a compensation claim.

### 4.4. Payment of claims

*Part 27 requires AEMO to make Procedures on the manner, form and methodology of payments to be made by relevant entities to fund compensation payments and provides for such payments to be made in accordance with the Procedures.*

- (a) In this clause, the following words and phrases have the following meanings:
  - (i) *affected jurisdiction* means, in relation to an *identified risk or threat*, a jurisdiction in which the *identified risk or threat* was located, as specified in the relevant *risk or threat notice* or *direction notice*;
  - (ii) *liable relevant entity* means a person who is:
    - (A) a Part 27 retailer;

- (B) a *relevant entity* by virtue of the person being a facility operator for a *BB large user facility*; or
- (C) a *relevant entity* by virtue of the person owning, controlling or operating an *LNG export project*,

but excludes any person that is *suspended* at the time AEMO requests payment of a *compensation amount*;

(iii) *period of the risk or threat* means:

- (A) if a *risk or threat notice* was published in relation to an *identified risk or threat*, the number of days between the publication of the *risk or threat notice* and the date on which the *risk or threat notice* was revoked; or
- (B) if a *risk or threat notice* was not published in relation to an *identified risk or threat*, the number of days between the giving of a *direction* in relation to the *identified risk or threat* and the date on which the *direction notice* published in relation to that *direction* was revoked;

(i) *suspended* means:

AEMO has issued a *suspension notice* to that person under Part 19 or Part 20 of the Rules; or

AEMO has suspended or limited the access of the person to the *gas trading exchange* or the *capacity auction* or suspended it from trading in specified products under *exchange agreement* or the *auction agreement* (as applicable).

- (b) If the dispute resolution panel makes a determination that an amount of compensation must be paid to the claimant under Part 27 of the NGR:
  - (i) AEMO will request payment of the amount determined by the dispute resolution panel (**compensation amount**) from those *liable relevant entities* who consumed gas in an affected jurisdiction during the period of the risk or threat, as determined by AEMO; and
  - (ii) the obligation to pay the compensation amount to AEMO will be allocated among those *liable relevant entities* on the basis set out in clause 4.4(c) or (d), as applicable.
- (c) Where the compensation claim relates to a *direction* given in respect of an *identified risk or threat* for which the period of the risk or threat was 28 days or less, then each *liable relevant entity* who is liable to contribute to the compensation amount, other than the claimant, will be allocated a share of the compensation amount in proportion to its share of the aggregate consumption of gas, as determined by AEMO based on data available at the time of AEMO's determination, in the affected jurisdiction or jurisdictions during the 7-day period ending on the day the relevant *risk or threat notice* or *direction notice* was revoked.
- (d) Where the compensation claim relates to a *direction* given in respect of an *identified risk or threat* for which the period of the risk or threat was 29 days or more, then each *liable relevant entity* who is liable to contribute to the compensation amount, other than the claimant, will be allocated a share of the compensation amount in proportion to its share of the aggregate consumption of gas, as determined by AEMO based on data available at the time of AEMO's determination, in the affected jurisdiction or jurisdictions during the

6-month period ending on the day the relevant *risk or threat notice* or *direction notice* was revoked.

- (e) Electronic funds transfer
  - (i) AEMO will ensure that an *EFT facility* is provided and made available for the purposes of facilitating payments to and from AEMO.
  - (ii) Unless otherwise authorised by AEMO, all *relevant entities* must use the *EFT facility* for the settlement of transactions.
- (f) Payment by *relevant entities*
  - (i) No later than sixty business days after AEMO receives a determination from the dispute resolution panel, AEMO must issue an invoice to each *liable relevant entity* who is liable to contribute to the compensation amount for the amount determined to be payable by that *liable relevant entity* in accordance with clause 4.4(c) or (d).
  - (ii) Each *liable relevant entity* that has been issued an invoice must pay AEMO the amount specified in the invoice in cleared funds within 10 business days of the date on which the invoice was issued.
- (g) Payment to *relevant entities*
  - (i) No later than 10 business days after payments have been received in accordance with clause 4.4(f)(ii), AEMO must pay the amounts received to the claimant.
  - (ii) To the extent AEMO does not receive all funds invoiced in accordance with clause 4.4(f)(i) within 10 business days of issuing the invoices, AEMO will only pay the claimant the amounts actually received.
  - (iii) Where AEMO subsequently receives late payments from outstanding invoices issued in accordance with clause 4.4(f)(i), AEMO will pay those funds to the claimant.
- (h) Payment obligations where there are multiple *relevant entities*
  - (i) Where there is more than 1 *relevant entity* in relation to a *BB large user facility*:
    - (A) the *BB reporting entity* for the *BB large user facility* is responsible for all payment obligations under this clause unless another *relevant entity* has been nominated for that purpose and AEMO has accepted the nomination; and
    - (B) the gas consumption of all *relevant entities* in relation to the *BB large user facility* will be attributed to the *BB reporting entity* or its nominee for the purpose of determining the *BB reporting entity's* or nominee's share of the compensation amount in accordance with clause 4.4(c) or (d),
  - (ii) Where there is more than 1 *relevant entity* in relation to an *LNG export project*:
    - (A) the *responsible reporting entity* for the *LNG export project* is responsible for all payment obligations under this clause unless another *relevant entity* has been nominated for that purpose and AEMO has accepted the nomination; and

- (B) the gas consumption of all *relevant entities* in relation to the *LNG export project* will be attributed to the *responsible reporting entity* or its nominee for the purpose of determining the *responsible reporting entity's* or nominee's share of the compensation amount in accordance with clause 4.4(c) or (d).
- (i) Multiple claims arising from the same *identified risk or threat*
  - (i) Where there are multiple claims arising from the same *identified risk or threat*, AEMO may aggregate the claims for the purpose of determining each *liable relevant entity's* share of the compensation amounts for those claims and invoicing *relevant entities* for those amounts.

## 5. Funding the trading fund

### 5.1. Payments for trading fund

*Part 27 provides that relevant entities must make contributions to the trading fund in accordance with the Procedures.*

*Part 27 provides that AEMO may make Procedures to specify the manner and timing of payments by relevant entities.*

- (a) No later than 1 July each year, AEMO will publish a notice that:
  - (i) specifies the *relevant entities* that are liable to make a contribution to the trading fund in respect of the next financial year; and
  - (ii) specifies the contribution rate for the trading fund for the next financial year.
- (b) AEMO may specify a different contribution rate for different *relevant entities* or different classes of *relevant entities*.
- (c) In specifying the *relevant entities* that are liable to make a contribution to the trading fund and determining the contribution rate, AEMO may have regard to the following factors:
  - (i) the costs incurred by AEMO in exercising the *trading function* during the immediately preceding financial year, including the costs of any debt facility or other financial arrangement entered into for the purpose of the trading fund;
  - (ii) the jurisdiction or jurisdictions where an *identified risk or threat* resulted in AEMO exercising the *trading function*;
  - (iii) the duration of any trades in the jurisdiction or jurisdictions where the *relevant entity* participates;
  - (iv) the *relevant entity's* share of total consumption in the jurisdiction or jurisdictions where an *identified risk or threat* resulted in AEMO exercising the *trading function*: and
  - (v) any other factors AEMO considers relevant.
- (d) Each *relevant entity* that is liable to make a contribution to the trading fund will be allocated a contribution amount, which will be equal the contribution rate multiplied by its share of the aggregate consumption of gas in the preceding financial year, as determined by AEMO based on data available at the time of AEMO's determination.

- (e) AEMO will issue an invoice to those *relevant entities* that are liable to make a contribution to the trading fund. *Relevant entities* must pay the contribution amount set out in the invoice within 20 business days after the date on which the invoice was issued.

## 5.2. Refunds from trading fund

*Part 27 provides that AEMO may refund amounts from the trading fund where the money held in the trading fund exceeds the adjusted total funding capacity amount. Refunds are to be made in accordance with a methodology set out in the Procedures.*

- (a) Where the amount in the trading fund at the end of a financial year exceeds the *adjusted trading amount* for the following financial year, AEMO may refund all or part of the excess amount to *relevant entities* who have previously made a contribution to the trading fund.
- (b) If AEMO chooses to refund all or part of the excess amount to *relevant entities*, it will determine the amount to be refunded to each *relevant entity* in a manner which, as far as is reasonably practicable, results in each relevant entity receiving a share of the refund in the same proportions as those *relevant entities* contributed to the trading fund in the financial year or financial years over which the excess amount in the trading fund accumulated.



## 6. Miscellaneous

### 6.1. Part 27 register

*Part 27 provides that AEMO must keep and maintain a register of relevant entities for the purpose of Part 27 and must publish the register in accordance with the Procedures. AEMO may specify in the Procedures the classes of relevant entities who must provide contact details to be included in the Part 27 register.*

- (a) AEMO will keep and maintain a *Part 27 register* of *relevant entities* and record in the register the contact details provided by those entities in accordance with these Procedures.
- (b) The following classes of *relevant entities* are required to provide contact details to be included in the *Part 27 register*:
  - (i) *Part 27 retailers*
  - (ii) *BB reporting entities*
  - (iii) *LNG export projects* (if not covered by clause 6.1(b)(ii)).
- (c) AEMO may include other *relevant entities* in the *Part 27 register*. If a *relevant entity* has not been included in the *Part 27 register*, this does not relieve that *relevant entity* of its obligations to provide *Part 27 information* to AEMO in accordance with the Rules and these Procedures.
- (d) Where a *relevant entity* is included in the *Part 27 register*, AEMO will endeavour to notify that entity within 5 business days.
- (e) A *relevant entity* must respond to AEMO within 5 business days of receiving a notice from AEMO confirming, or updating, the information contained or requested in AEMO's notice.
- (f) The following information is to be included in the *Part 27 register*:
  - (i) company name;
  - (ii) Australian Business Number (ABN);
  - (iii) primary contact name;
  - (iv) primary contact role;
  - (v) primary contact phone number<sup>1</sup>;
  - (vi) primary contact mobile number; and
  - (vii) primary contact email address.
- (g) Each *relevant entity* must provide to AEMO a:
  - (i) Primary contact: a person who is the primary contact for the *relevant entity*; and

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<sup>1</sup> This is a contact that is available on-call 24/7.

- (ii) Billing contact: a person who is the billing contact for the *relevant entity*.
- (h) *Relevant entities* may provide additional contact details for a company, including generic contacts such as a duty operator contact.
- (i) For each *relevant entity* and contact on the *Part 27 register*, AEMO will publish the following information:
  - (i) company name;
  - (ii) contact name; and
  - (iii) contact email address.
- (j) *Relevant entities* must update the *Part 27 register* by requesting changes through AEMO's Support Hub within 5 business days after a change in any of the details included in the register in relation to that *relevant entity*.

## 6.2. Reporting entities

### 6.2.1. Nomination of reporting entity

*Part 27 provides that the Procedures may provide for the nomination or appointment of a reporting entity or agent for a relevant entity.*

- (a) A *relevant entity* may appoint another person to provide *Part 27 information* to AEMO on their behalf.
- (b) The *relevant entity* must provide written evidence that the agent has authority to provide *Part 27 information* on behalf of the *relevant entity*.
- (c) The appointment of an agent may be revoked by the *relevant entity* who appointed the agent by written notice to AEMO which must include the date on which the appointed is revoked.
- (d) The appointment of an agent does not relieve the *relevant entity* of any of its obligations under Part 27 of the Rules or these Procedures.
- (e) An appointment or revocation of an appointment must be notified to AEMO via email to: [bbo@aemo.com.au](mailto:bbo@aemo.com.au).
- (f) Where a person has been appointed as the agent of a *relevant entity*, the *relevant entity* may have to configure the login, in the AEMO market systems, for that person.

### 6.2.2. Responsible reporting entity for LNG export project

*Part 27 requires the owner, operator or controller of an LNG export project to apply to AEMO to register as the responsible reporting entity for the LNG export project within the period specified in the Procedures.*

- (a) Initial applications for registration as the *responsible reporting entity* for an *LNG export project* must be made within 10 business days of these Procedures coming into effect.
- (b) Applications must be submitted to AEMO by email to: [onboarding@aemo.com.au](mailto:onboarding@aemo.com.au).
- (c) The application must contain the following information:
  - (i) company name;
  - (ii) ABN;

- (iii) primary contact name;
  - (iv) primary contact role;
  - (v) primary contact phone number;
  - (vi) primary contact email address;
- (d) The application must be signed by an authorised signatory of the applicant organisation. If there is more than 1 owner, operator or controller of the *LNG export project*, written evidence of appointment of the applicant as *responsible reporting entity* for the *LNG export project* must be provided by each owner, operator or controller.
- (e) The application must include a statement of any other registrable capacity that the applicant organisation has with AEMO and indicate whether the organisation has access to AEMO's market systems.
- (f) AEMO may notify the applicant within 5 business days if the application is incomplete or requires clarification, and the applicant must provide the required information within 5 business days of receiving the notice from AEMO.
- (g) AEMO will notify the applicant when the registration has been approved. The registration takes effect from the 'Effective Date' specified in the notice of registration given to the applicant.
- (h) An application can be made to change the *responsible reporting entity* at any time and AEMO will implement the changes as soon as practicable. The outgoing *responsible reporting entity* must continue providing *Part 27 information* until such time the incoming *responsible reporting entity* is able to do so and has appropriate access to AEMO systems.

## Appendix A. Demand zones

The following definitions apply in this Appendix:

1. GPG connection: a GPG point as defined in the BB Aggregation Methodology;
2. Demand connection: a Demand point as defined in the BB Aggregation Methodology;
3. STOR is a reference to a connection point connected to a BB storage facility;
4. STTM Hub Custody Transfer Points are defined in the STTM Procedures.

Pipeline	Demand Zone	Description
Amadeus Gas Pipeline	AGP-DE-02	Amadeus Gas Pipeline, Connected to Type: "GPG" connections, for Tennant Creek and Elliot region.
Amadeus Gas Pipeline	AGP-DE-03	Amadeus Gas Pipeline, Connected to Type: "GPG" connections, for Daly Waters, Katherine and Pine Creek region.
Amadeus Gas Pipeline	AGP-DE-04	Amadeus Gas Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections, for Darwin City region.
Amadeus Gas Pipeline	AGP-DE-05	Amadeus Gas Pipeline, Connected to Type: "GPG" connections, for Channel Island region.
APLNG Pipeline	APLNG-DE-01	APLNG Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections, for Curtis Island region.
BassGas to Pakenham Pipeline	SGP-DE-01	South Gippsland Pipeline connections, Flow Type: "Demand" connections, excluding Connected to Type: "GPG" connections.

Pipeline	Demand Zone	Description
Bonaparte Gas Pipeline	BGP-DE-01	Bonaparte Gas Pipeline, Connected to Type: "GPG" connections.
Braemar 2 Pipeline (B2PL)	BR2-DE-01	Braemar 2 Pipeline, Connected to Type "GPG" connections.
Braemar Pipeline	BR1-DE-01	Braemar Pipeline, Connected to Type: "GPG" connections.
Carpentaria Pipeline	CGP-DE-01	Carpentaria Pipeline, Flow Type: "Demand" connections, excluding Connected to Type: "GPG" connections, located on the Cannington Lateral.
Carpentaria Pipeline	CGP-DE-02	Carpentaria Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG", located on the main line and excluding the Mt Isa region.
Carpentaria Pipeline	CGP-DE-03	Carpentaria Pipeline, Connected to Type: "GPG" connections, located in the Mt Isa region.
Carpentaria Pipeline	CGP-DE-04	Carpentaria Pipeline, Flow Type "Demand" connections, Connected to Type: "GPG", located in the Mt Isa region.
Central West Pipeline (CWP)	CWP-DE-01	Central West Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections.
Colongra Gas Pipeline	CoGP-DE-01	Colongra Gas Pipeline, Flow Type: "Demand" connections, excluding Connected to Type: "GPG" connections, that are a Sydney STTM Hub Custody Transfer Point.

Pipeline	Demand Zone	Description
Colongra Gas Pipeline	CoGP-DE-02	Colongra Gas Pipeline Flow, Connected to Type: "GPG" connections.
Comet Ridge to Wallumbilla Pipeline	CRWP-DE-01	Comet Ridge to Wallumbilla Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections.
Darling Downs Pipeline	DDP-DE-01	Darling Downs Pipeline, Connected to Type: "GPG" connections.
Eastern Gas Pipeline	EGP-DE-01	Eastern Gas Pipeline, Connected to Type: "GPG" connections, located within Victoria.
Eastern Gas Pipeline	EGP-DE-02	Eastern Gas Pipeline, Flow Type: "Demand" connections, excluding Connected to Type: "GPG" connections, located within Victoria.
Eastern Gas Pipeline	EGP-DE-03	Eastern Gas Pipeline, Flow Type "Demand" connections that connect to the Australian Capital Territory (ACT).
Eastern Gas Pipeline	EGP-DE-04	Eastern Gas Pipeline, Flow Type: "Demand" connections, excluding Connected to Type: "GPG" connections, excluding Sydney STTM Hub Custody Transfer Points, located within New South Wales, excluding connections to the Australian Capital Territory.
Eastern Gas Pipeline	EGP-DE-05	Eastern Gas Pipeline, Connected to Type: "GPG" connections, excluding Sydney STTM Hub Custody Transfer Points. located within New South Wales.
Eastern Gas Pipeline	EGP-DE-06	Eastern Gas Pipeline, Flow Type "Demand" connections, excluding Connected to

Pipeline	Demand Zone	Description
		Type: "GPG" connections, that are a Sydney STTM Hub Custody Transfer Point.
<b>GLNG Gas Transmission Pipeline</b>	GLNG-DE-01	GLNG Pipeline, Flow Type "Demand" connections, excluding Connected to Type: GPG", at Curtis Island region
<b>McArthur River Pipeline</b>	MRP-DE-01	McArthur River Pipeline Flow Type: "Demand" connections, excluding Connected to Type: "GPG" connections
<b>Moomba to Adelaide Pipeline System</b>	MAPS-DE-01	Moomba to Adelaide pipeline System, Connected to Type: "GPG" connections. located on the main line and north of the Wasleys Compressor Station.
<b>Moomba to Adelaide Pipeline System</b>	MAPS-DE-02	Moomba to Adelaide pipeline System, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections. located on the main line and north of the Wasleys Compressor Station.
<b>Moomba to Adelaide Pipeline System</b>	MAPS-DE-03	Moomba to Adelaide pipeline System, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections, located on the Angaston lateral.
<b>Moomba to Adelaide Pipeline System</b>	MAPS-DE-04	Moomba to Adelaide pipeline System, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections, located on the Whyalla lateral.
<b>Moomba to Adelaide Pipeline System</b>	MAPS-DE-05	Moomba to Adelaide pipeline System, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections, excluding Adelaide STTM Hub Custody Transfer Point

Pipeline	Demand Zone	Description
		located on the main line, south of the Wasleys Compressor Station.
Moomba to Adelaide Pipeline System	MAPS-DE-06	Moomba to Adelaide Pipeline System, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections, that are an Adelaide STTM Hub Custody Transfer Point.
Moomba to Adelaide Pipeline System	MAPS-DE-07	Moomba to Adelaide pipeline System, Connected to Type: "GPG" connections, excluding Adelaide STTM Hub Custody Transfer Point located on the main line, south of the Wasleys Compressor Station.
Moomba to Sydney Pipeline System	MSP-DE-01	Moomba Sydney Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections, between Moomba and Young Compressor Station.
Moomba to Sydney Pipeline System	MSP-DE-02	Moomba Sydney Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections, located on the Young to Lithgow lateral.
Moomba to Sydney Pipeline System	MSP-DE-03	Moomba Sydney Pipeline, Flow Type "Demand" connections, excluding Connection Type: "GPG" connections, excluding Sydney STTM Hub Custody Transfer Point connections, on the main line and east of the Young Compressor Station.
Moomba to Sydney Pipeline System	MSP-DE-04	Moomba to Sydney Pipeline, Flow Type "Demand" connections, excluding Connection Type: "GPG", connecting to the Australian Capital Territory (ACT).
Moomba to Sydney Pipeline System	MSP-DE-05	Moomba to Sydney Pipeline, Flow Type "Demand" connections, excluding Connection



Pipeline	Demand Zone	Description
		Type: "GPG", that are a Sydney STTM Hub Custody Transfer Point.
Moomba to Sydney Pipeline System	MSP-DE-06	Moomba Sydney Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG", located on the Young - Wagga Wagga section.
Moomba to Sydney Pipeline System	MSP-DE-07	Moomba Sydney Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG", located on the Junee Griffith lateral.
Moomba to Sydney Pipeline System	MSP-DE-08	Moomba Sydney Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG", located on the Wagga Wagga - Culcairn section.
Moomba to Sydney Pipeline System	MSP-DE-09	Moomba Sydney Pipeline, Connected to Type: "GPG" connections, located on the Wagga Wagga - Culcairn section.
Mortlake Pipeline (MPL)	MPL-DE-01	Mortlake Pipeline, Connected to Type: "GPG"
Northern Gas Pipeline	NGP-DE-01	Northern Gas Pipeline Flow Type: "Demand" connections, excluding Connected to Type: "GPG" connections.
Palm Valley Pipeline	PVP-DE-01	Palm Valley Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections
Palm Valley Pipeline	PVP-DE-02	Palm Valley Pipeline, Connected to Type: "GPG" connections

Pipeline	Demand Zone	Description
Port Campbell to Adelaide Pipeline (PCA)	PCA-DE-01	Port Campbell to Adelaide Pipeline, Connection to Type: "STOR", excluding FlowDirection: "Receipt". located within Victoria.
Port Campbell to Adelaide Pipeline (PCA)	PCA-DE-02	Port Campbell to Adelaide Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG", located between Miakite and Coomandook Compressor Stations.
Port Campbell to Adelaide Pipeline (PCA)	PCA-DE-03	Port Campbell to Adelaide Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG", excluding Adelaide STTM Hub Custody Transfer Point. Located west of Coomandook Compressor Stations.
Port Campbell to Adelaide Pipeline (PCA)	PCA-DE-04	Port Campbell to Adelaide Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections, that are an Adelaide STTM Hub Custody Transfer Point.
Port Campbell to Adelaide Pipeline (PCA)	PCA-DE-05	Port Campbell to Adelaide Pipeline, Connected to Type: "GPG", excluding Adelaide STTM Hub Custody Transfer Point. Located west of Coomandook Compressor Stations.
Port Campbell to Iona Pipeline (PCI)	PCI-DE-01	Port Campbell to Iona Pipeline, Connection to Type: "STOR", excluding FlowDirection "Receipt" connections.
Queensland Gas Pipeline	QGP-DE-01	Queensland Gas Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG", south of Larcom Creek Meter Station.

Pipeline	Demand Zone	Description
Queensland Gas Pipeline	QGP-DE-02	Queensland Gas Pipeline, Flow Type: "Demand" connections, excluding Connected to Type: "GPG", at Widebay and Gladstone region.
Queensland Gas Pipeline	QGP-DE-03	Queensland Gas Pipeline, Flow Type: "Demand" connections, excluding Connected to Type: "GPG", at Rockhampton region.
Reedy Creek to Wallumbilla Pipeline	RWP-DE-01	Reedy Creek to Wallumbilla Pipeline, Flow Type: "Demand" connections, excluding Connected to Type: "GPG".
Roma - Brisbane Pipeline	RBP-DE-01	Roma Brisbane Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG", that are not a Brisbane STTM Hub Custody Transfer Point.
Roma - Brisbane Pipeline	RBP-DE-02	Roma Brisbane Pipeline, Connected to Type: "GPG" connections, that are not a Brisbane STTM Hub Custody Transfer Point.
Roma - Brisbane Pipeline	RBP-DE-03	Roma Brisbane Pipeline, Flow Type "Demand" connections, within the Ipswich region that are a Brisbane STTM Hub Custody Transfer Point.
Roma - Brisbane Pipeline	RBP-DE-04	Roma Brisbane Pipeline, Connected to Type: "GPG" connections, within the Ipswich region that are a Brisbane STTM Hub Custody Transfer Point.
Roma - Brisbane Pipeline	RBP-DE-05	Roma Brisbane Pipeline, Flow Type "Demand" connections,

Pipeline	Demand Zone	Description
		that are Brisbane STTM Hub Custody Transfer Points, excluding those in the Ipswich region.
Roma Pipeline	RP-DE-01	Roma Pipeline, Connected to Type: "GPG" connections.
Roma Pipeline	RP-DE-02	Roma Pipeline Flow Type "Demand" connections, excluding Connected to Type: "GPG".
Silver Springs Pipeline	SSP-DE-01	Silver Springs Pipeline Connected to Type: "STOR" connections, excluding, FlowDirection: "Receipt".
South East Pipeline System	SEP-DE-01	South East Pipeline, Flow Type "Demand" connections, excluding Connection to Type: "GPG".
South East South Australia Pipeline (SESA)	SESA-DE-01	South East South Australia Pipeline, Connected to Type: "GPG" connections.
South West Queensland Pipeline	SWQP-DE-01	South West Queensland Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG", excluding those to the Cheepie to Barcaldine Pipeline.
South West Queensland Pipeline	SWQP-DE-02	South West Queensland Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG", for Cheepie to Barcaldine Gas Pipeline.
Tanami Gas Pipeline	TAN-DE-01	Tanami Gas Pipeline, Connected to Type: "GPG" connections.

Pipeline	Demand Zone	Description
Tasmania Gas Pipeline	TGP-DE-01	Tasmanian Gas Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections.
Tasmania Gas Pipeline	TGP-DE-02	Tasmanian Gas Pipeline, Connected to Type: "GPG" connections.
Victorian Transmission System	DTS-DE-01	Victorian Transmission System, Flow Type "Demand" connections, excluding Connected to Type: "GPG", that are a DWGM Custody Transfer Point.
Victorian Transmission System	DTS-DE-02	Victorian Transmission System, Connected to Type: "STOR", excluding FlowDirection "Receipt" connections, that are a DWGM Custody Transfer Point. Located in the Otway region.
Victorian Transmission System	DTS-DE-03	Victorian Transmission System, Connected to Type: "STOR", excluding FlowDirection "Receipt" connections, that are a DWGM Custody Transfer Point. Located in the Dandenong region.
Victorian Transmission System	DTS-DE-04	Victorian Transmission System, Connected to Type: "GPG", that are a DWGM Custody Transfer Point.
Wallumbilla to Gladstone Pipeline	WGP-DE-01	Wallumbilla to Gladstone Pipeline, Flow Type "Demand" connections, excluding Connected to Type: "GPG" connections, for Curtis Island region.
Wickham Point Pipeline	WPP-DE-01	Wickham Point Pipeline, Connected to Type: "GPG" connections.

Pipeline	Demand Zone	Description
Wickham Point Pipeline	WPP-DE-02	Wickham Point Pipeline, Flow Type: "Demand" connections, excluding Connected to Type: "GPG".

## Appendix B. Information disclosure

Information must be submitted in accordance with the following table. Detailed submission guidelines are available in the BB Data Submission Guide.

Transaction	Description	Rule	Reporting frequency	Submission method	Submission method	Submission cut-off times	Part 27 retailer	BB large user	LNG export project	BB pipeline	BB facilities <sup>2</sup>
<b>Expected daily gas demand</b>	Provides on each gas day D-1 for gas days D to D+6, the expected daily gas demand and breakdown of market supply.	Part 27	Daily	TJ/day	Part 27 submission only.	10.00 pm on gas day D-1.	•	•	•		
<b>Medium term maintenance demand</b>	Provides details of maintenance work expected to be carried out over the next 24 months.	Part 27	Monthly	TJ/day	Part 27 submission only.	10.00 pm on the last gas day of each month.		•	•		
<b>Linepack forecasts</b>	Provides on each gas day D-1 for gas days D to D+6, the expected linepack in each linepack zone.	Part 27	Daily	TJ/day	Part 27 submission only.	10.00 pm on gas day D-1.				•	
<b>Short term capacity outlooks for pipelines</b>	Provides on each gas day D-1 for gas days D to D+6, the daily capacity for each pipeline segment for gas days D to D+6.	Part 27	Daily	TJ/day	Part 18 short term capacity outlook submission.	7.00 pm on gas day D-1				•	

<sup>2</sup> Other than BB large user facilities and LNG processing facilities

Transaction	Description	Rule	Reporting frequency	Submission method	Submission method	Submission cut-off times	Part 27 retailer	BB large user	LNG export project	BB pipeline	BB facilities <sup>2</sup>
<b>Extended daily capacity outlooks</b>	Provides on the last gas day of each month M-1, the daily capacity forecast for months M to M+5.	Part 27	Monthly	TJ/day	Part 18 short term capacity outlook submission.	7.00 pm on the last gas day of each month					•
<b>Medium term capacity outlook recall times</b>	Provides on the last gas day of each month M-1, the maintenance outlook for months M to M+23	Part 27	Monthly	Hours	Part 18 medium term capacity outlook submission	7.00 pm on the last gas day of each month					•
<b>Domestic supply and export forecast</b>	Provides on the last gas day of each month M-1, information about domestic supply and LNG exports for months M to M+5.	Part 27	Monthly	TJ/month	Part 27 submission only.	10.00 pm on the last gas day of each month			•		