

# Reserve Level Declaration Guidelines



Prepared by: AEMO Operations

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## Approved for distribution and use by:

Approved by: Michael Gatt

Title: EGM Operations

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## **Current version release details**

Version	Effective date	Summary of changes
3.0	26 June 2024	Replacement of the Bayesian Belief Network (BBN) model with an alternate machine learning model using quantile regression (QR) in Appendix A.2, with the addition of a single input variable (Timestamp) to calculate the FUM.
		Conversion to new template and minor or administrative drafting updates for consistency and accuracy. This includes updates to references and changes to reflect semi-scheduled generator <i>available capacity</i> and 5MS impacts. Section 4 provides clarifying detail on when the largest relevant credible contingency events that affect available supply are determined.
		Changes also to reflect the National Electricity Amendment (Integrating energy storage systems into the NEM) Rule 2021 No.13 and Rule 2023 No.2, including to incorporate references to Integrated Resource Providers and bidirectional units.

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

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## 1. Introduction

## 1.1. Purpose and scope

These are the *reserve level declaration guidelines* made under clause 4.8.4A of the National Electricity Rules (Guidelines).

These Guidelines have effect only for the purpose of declaring lack of reserve (LOR) conditions under clause 4.8.4 of the National Electricity Rules (NER). They describe the considerations and methodology *AEMO* applies in deciding to declare an LOR condition, and the levels of LOR conditions that may be declared.

An LOR declaration alerts *Registered Participants* to a probability of *capacity reserves* being insufficient to avoid *load shedding* (other than *interruptible load*) given reasonably foreseeable conditions and events.

The NER and the National Electricity Law prevail over these Guidelines to the extent of any inconsistency.

## 1.2. Definitions and interpretation

#### 1.2.1. Glossary

Terms defined in the National Electricity Law and the NER have the same meanings in these Guidelines unless otherwise specified in this section.

Terms defined in the NER are intended to be identified in these Guidelines 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 Guidelines.

Term	Definition
Aggregate Energy Limited Capacity	Total aggregate contribution to supply from scheduled generating units and scheduled bidirectional units in the region for which a daily energy constraint has been specified in ST PASA and PD PASA submissions. The value is determined by the PASA process and considers:
	<ul> <li>forecast available capacity specified by Scheduled Generators and Scheduled Integrated Resource Providers;</li> <li>forecast daily energy constraint specified by Scheduled Generators and Scheduled Integrated Resource Providers;</li> <li>optimisation of energy limited capacity through the PASA algorithm; and</li> <li>network limitations as specified through network constraint equations.</li> </ul>
Aggregate Non-Energy Limited Capacity	Total aggregate contribution to supply from scheduled and semi-scheduled generating units and scheduled bidirectional units in the region for which no daily energy constraint has been specified in ST PASA and PD PASA submissions. The value is determined by the PASA process and considers:
	<ul> <li>forecast available capacity specified by Scheduled Generators and Scheduled Integrated Resource Providers;</li> <li>network limitations as specified through network constraint equations; and</li> <li>forecast output of semi-scheduled generating units.</li> </ul>
Aggregate Semi-Scheduled Output	The forecast output of <i>semi-scheduled generating units</i> in the <i>region</i> . The value is determined by the <i>PASA</i> process and considers:
	<ul> <li>unconstrained intermittent generation forecast determined by AWEFS and ASEFS; and</li> </ul>

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Term	Definition
	<ul> <li>network limitations as specified through network constraint equations.</li> <li>forecast available capacity specified by Semi-Scheduled Generators</li> </ul>
AWEFS	Australian Wind Energy Forecasting System
ASEFS	Australian Solar Energy Forecasting System
BBN	Bayesian Belief Network
FUM	Forecast uncertainty measure
Interconnector Support	The maximum energy supply available to a region from adjacent regions after the demand to be met from supply is satisfied in adjacent regions. The value is determined by the PASA process and considers:  • network limitations as specified through network constraint equations; and  • demand to be met from supply in adjacent regions as determined by the PASA algorithm.
LCR	Largest credible risk – see section 4
LCR2	Two largest credible risks – see section 4
LOR	Lack of reserve (may be followed by a number corresponding with a reserve level defined in these Guidelines)
LOR assessment horizon	The period of time described in section 2(a)
LOR Load Shedding	The reduction or disconnection of load (other than interruptible load).
LOR1 threshold	The level of <i>capacity reserves</i> below which AEMO may declare an LOR1 condition – see section 2(d)
LOR2 threshold	The level of <i>capacity reserves</i> below which AEMO may declare an LOR2 condition – see section 2(c).
MW	Megawatts
MWh	Megawatt hours
NER	National Electricity Rules
Operational Demand	A quantity (in MW) determined by AEMO representing the instantaneous demand of <i>load</i> (other than <i>scheduled load</i> ) to be supplied by <i>sent out generation</i> of <i>scheduled generating units</i> , <i>scheduled bidirectional units</i> , <i>semi-scheduled generating units</i> , and significant <i>non-scheduled generating units</i> . For further information about demand definitions see "Demand Terms in EMMS Data Model" on AEMO's website
PD PASA	PASA in the pre-dispatch timeframe
RXS	Regional excess supply
RXS error	The expected difference between forecast RXS and actual RXS (see section 3.2)
Scheduled Demand	The expected value of regional electricity demand (excluding scheduled loads) which will need to be met by supply from scheduled generating units, scheduled bidirectional units and semi- scheduled generating units in the region or from other regions. The value is determined by AEMO forecasting systems and considers:  • customer load;  • output of major non-scheduled generating units; and
	output of <i>distribution connected units</i> including rooftop solar generation.
ST PASA	Short term PASA

## 1.2.2. Interpretation

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

(a) These Guidelines are subject to the principles of interpretation set out in Schedule 2 of the National Electricity Law.

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- (b) References to time are references to Australian Eastern Standard Time.
- (c) The following mathematical notations used in formulae and equations have these meanings:
  - (i) MAX () means the maximum (or highest) of two or more values within the brackets,
  - (ii) '{ }', '( )' and '[ ]' indicates that all calculations between a pair of brackets are to be performed separately from expressions outside the brackets. Different forms of brackets are used only for ease of matching the opening bracket with the corresponding closing bracket.

#### 1.3. Related documents

Title	Location
Reliability Standard Implementation Guidelines	https://aemo.com.au/en/energy-systems/electricity/national- electricity-market-nem/nem-forecasting-and- planning/forecasting-and-reliability/reliability-standard- implementation-guidelines
Short Term PASA Process Description	https://aemo.com.au/- /media/Files/Electricity/NEM/Planning_and_Forecasting/Solar- and-Wind/STPASAProcessDescriptionFinalpdf.pdf
Procedures for Issue of Directions and Clause 4.8.9 Instructions SO_OP_3707	https://aemo.com.au/en/energy-systems/electricity/national-electricity-market-nem/system-operations/power-system-operation/power-system-operating-procedures
Procedure for the Exercise of the Reliability and Emergency Reserve Trader SO_OP_3717	https://aemo.com.au/en/energy-systems/electricity/national- electricity-market-nem/system-operations/power-system- operation/power-system-operating-procedures
Procedure for Load Forecasting SO_OP_3710	https://aemo.com.au/en/energy-systems/electricity/national- electricity-market-nem/system-operations/power-system- operation/power-system-operating-procedures
Demand Terms in EMMS Data Model	https://aemo.com.au/energy-systems/electricity/national-electricity-market-nem/system-operations/dispatch-information
Short Term Reserve Management procedure SO_OP_3703	https://aemo.com.au/en/energy-systems/electricity/national-electricity-market-nem/system-operations/power-system-operation/power-system-operating-procedures

## 2. Assessment and publication

- (a) AEMO assesses the probability of a shortfall in available *capacity reserves* leading to LOR Load Shedding in each *region* on a continuous basis, from the current time to the end of the period covered by the most recently *published* ST PASA. This is the LOR assessment horizon.
- (b) AEMO *publishes*, for each 30 minute period commencing on the hour and half-hour within the LOR assessment horizon, and for each *region*:
  - (i) the expected capacity reserves (in MW);
  - (ii) the LOR2 threshold (in MW) see paragraph (c); and
  - (iii) the LOR1 threshold (in MW) see paragraph (d).
- (c) The LOR2 threshold within the LOR assessment horizon is MAX (LCR, FUM).
- (d) The LOR1 threshold within the LOR assessment horizon is MAX (LCR2, FUM).

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Figure 1 Schematic representation of LOR Formulation in circumstances of extreme FUM values – FUM reduces to 0 MW beyond 72 hrs forecast horizon

## 3. Forecast uncertainty measure (FUM)

See also Appendix A for more detail.

## 3.1. Forecast regional excess supply (RXS)

## 3.1.1. Mainland regions

For the New South Wales, Queensland, South Australia and Victoria regions RXS is defined below.

- (a) The following forecasts and measurements in each *region* for the LOR assessment horizon will be assessed in determining the value of RXS:
  - (i) aggregate capacity of scheduled generating units and scheduled bidirectional units in the region (C), calculated as:
    - (A) Aggregate Non-Energy Limited Capacity, plus
    - (B) Aggregate Energy Limited Capacity, less
    - (C) Aggregate Semi-Scheduled Output;
  - (ii) Interconnector Support (IS);
  - (iii) Aggregate Semi-Scheduled Output (SS); and
  - (iv) Scheduled Demand (D).
- (b) Forecast RXS for any time in the LOR assessment horizon is determined by the formula:

$$RXS = C + IS + SS - D.$$

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#### 3.1.2. Tasmania

For the Tasmania region RXS is defined below.

- (a) The following forecasts and measurements in each *region* for the LOR assessment horizon will be assessed in determining the value of RXS:
  - (i) available capacity of scheduled generating units and scheduled bidirectional units (A);
  - (ii) unconstrained intermittent generation forecasts (B); and
  - (iii) Scheduled Demand (C).
- (b) Forecast RXS for any time in the LOR assessment horizon is determined by the formula RXS= A + B C.

The RXS definition for Tasmania excludes components which are affected as an unintended consequence of a *network constraint* that requires Tasmania to export. When this condition occurs, it results in excessive errors in the Interconnector Support and Aggregate Non-Energy Limited Capacity components, which would cause erroneous RXS values if the RXS definition for Tasmania were to include these components.

## 3.2. Determining RXS error distribution

- (a) RXS Error = Forecast RXS Actual RXS for a particular forecast and a point in time.
- (b) AEMO collects, stores and updates historical statistical data on RXS error, in different *power* system, ambient weather and other relevant conditions.
- (c) At the time of assessment, AEMO applies the historical data and the conditions expected for the relevant period in the LOR assessment horizon, as illustrated in Appendix A, to determine a distribution of error (RXS error) across all forecasts within the first 72 hours of the LOR assessment horizon. The input states that will be taken into account in developing the distribution will be:
  - (i) forecast lead time;
  - (ii) forecast dry bulb temperature at the reference weather station within the region<sup>1</sup>;
  - (iii) forecast solar irradiance at the reference weather station within the region;
  - (iv) current demand forecast error for forecast lead times below 24 hours;
  - (v) forecast of Aggregate Semi-Scheduled Output;
  - (vi) current supply mix for coal, gas<sup>2</sup> and hydro; and
  - (vii) timestamp.

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<sup>&</sup>lt;sup>1</sup> For the reference weather stations refer to SO\_OP\_3710 – Load Forecasting procedure (found at <a href="http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Security-and-reliability/Power-system-operation/Power-system-operating-procedures">http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Security-and-reliability/Power-system-operation/Power-system-operating-procedures</a>).

<sup>&</sup>lt;sup>2</sup> Gas covers natural gas, diesel, fuel oil, and kerosene.



#### 3.3. FUM calculation

- (a) The FUM for a *region*, point in time and set of expected conditions, is the number of MWs representing the quantity of RXS for which AEMO determines a specified confidence level of the RXS error not exceeding that number of MWs.
- (b) Confidence levels are determined in accordance with section 3.4 and are set out in Appendix B.
- (c) FUM will be determined using the RXS error for the first 72 hours of the LOR assessment horizon. For the remainder of the assessment horizon a static value of 0 MW will be used for FUM.

## 3.4. Confidence levels for determining FUM

- (a) The confidence level used in determining FUM is to be set at a level that *AEMO* reasonably expects to achieve an appropriate balance between:
  - (i) reducing the chance of a situation where LOR Load Shedding arises due to lack of action by *AEMO* as a result of reserve forecasting error; and
  - (ii) increasing the likelihood of unnecessary declarations due to an overly conservative
- (b) The confidence levels will also be selected to:
  - (i) decrease monotonically, where appropriate, with increasing forecasting horizon; and
  - (ii) be consistent across *regions* for the same forecasting horizon where this can be done whilst still reasonably satisfying the other selection criteria.
- (c) To achieve this balance, different confidence levels may be required for each *region* and for each forecast timeframe within the LOR assessment horizon.
- (d) The current confidence levels are specified in Appendix B.
- (e) AEMO must review the confidence levels at least annually to determine whether or not they are still achieving the appropriate balance indicated in paragraph (a).
- (f) AEMO must publish the results of its review and, if AEMO concluded that no change should be made to the current confidence levels, must include reasons for that conclusion.

Note: If *AEMO* proposes to change the confidence levels, it is required to consult on an amendment to these Guidelines in accordance with NER clause 4.8.4A(e).

## 3.5. Reasonability limits for FUM values

- (a) Before the FUM value is used to calculate LOR levels (refer to section 5), the calculated FUM value will be subject to a reasonability check, intended to prevent an unrealistic LOR level being determined due to mal-operation of *AEMO* systems.
- (b) For this purpose *AEMO* will set upper/lower and delta raise/lower reasonability limits, which may vary between *regions* and forecasting timeframes, and will be revised as *AEMO* considers necessary. If *AEMO* revises the reasonability limits, *AEMO* must publish the revised limits and inform the market via a market notice.



- (c) The upper/lower reasonability limits provide a cap or floor on the FUM value used to calculate LOR levels. The delta raise/lower reasonability limits implement a rate-of-change cap to limit the difference in FUM values for the same 30-minute period from consecutive runs.
- (d) The current upper/lower and delta raise/lower reasonability limits are specified in Appendix C.

## 4. Credible contingency sizes

- (a) AEMO determines the size of the two largest relevant *credible contingency events* that could affect the available *supply* of electricity for each *region* from time to time<sup>3</sup>. These will generally be determined automatically, consistent with a list of relevant *credible contingency events* to be published by AEMO on its website alongside these Guidelines.
- (b) AEMO then determines the reduction in *capacity reserves* expected to result in that *region* from the occurrence of:
  - (i) the single largest of those relevant credible contingency events (LCR) (in MW); and
  - (ii) both of the two largest *credible contingency events*, assuming they occur consecutively with sufficient time to return the *power system* to a *secure operating state* prior to the second event (LCR2) (in MW).
- (c) The temporary reclassification of a non-credible contingency event may affect the size of the largest or second largest credible contingency event in a region at any time. In accordance with the NER and AEMO's normal procedures, AEMO issues a market notice when reclassification occurs.
- (d) If other unusual temporary operating conditions result in situations that require manual specification of LCR and LCR2 levels, *AEMO* will inform *Market Participants* by issuing a market notice.
- (e) On infrequent occasions the list of relevant credible contingency events may need to be revised if new classes of events need to be added or existing classes revised. If this occurs, AEMO will update the published list as soon as reasonably practicable.

## 5. Description of reserve levels

#### 5.1. General

(a) AEMO will declare LOR conditions when it determines there is a non-remote probability of LOR Load Shedding due to a shortfall of available *capacity reserves* at a given time in the

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<sup>&</sup>lt;sup>3</sup> In determining the size of a *credible contingency event* for this purpose, *AEMO* considers both the actual loss of *dispatched* energy and the reduction in available *reserves*. For a contingency involving an *interconnector* element, the lower value of the reduction in *power transfer capability* of the *interconnector* in the relevant direction and the spare *generation reserves* in the sending end *region* will be considered.



- LOR assessment horizon, by reference to the criteria described in this section for levels LOR3, LOR2 and LOR1. This is shown in Figure 1.
- (b) In some cases where published forecast *capacity reserves* are below these LOR levels, AEMO may decide not to declare an LOR condition. Examples of such circumstances include:
  - (i) clearly incorrect *PASA* results due to software issues or incorrect performance of network constraint equations; or
  - (ii) situations where the shortfall is clearly transient and will be resolved through normal dispatch processes without presenting an ongoing threat to reliability of supply,

and in those circumstances *AEMO* will issue a market notice to explain why it has not declared an LOR condition.

#### 5.2. LOR3

LOR3 will be declared for a *region(s)*:

- (a) when LOR Load Shedding is occurring as a result of a shortfall of available *capacity reserves* (actual LOR3); or
- (b) for a period within the LOR assessment horizon when the forecast of available *capacity* reserves in the ST PASA or PD PASA is at or below zero (forecast LOR3).

#### 5.3. LOR2

LOR2 will be declared for a *region(s)*:

- (a) when the occurrence of the largest relevant *credible contingency event* would result in LOR Load Shedding as a result of a shortfall of available *capacity reserves* (actual LOR2); or
- (b) for a period within the LOR assessment horizon when the forecast of available *capacity* reserves in the ST PASA or PD PASA is less than LCR (forecast LOR2); or
- (c) for a period within the LOR assessment horizon when the forecast of available *capacity* reserves in the ST PASA or PD PASA is less than FUM for the relevant period and region (forecast LOR2).

#### 5.4. LOR1

LOR1 will be declared for a *region(s)*:

- (a) when the consecutive occurrence of both the largest and the second largest relevant credible contingency events (as described in section 4(b)(b)(ii)) would result in LOR Load Shedding occurring as a result of a shortfall of available capacity reserves (actual LOR1); or
- (b) for a period within the LOR assessment horizon when the forecast of available *capacity* reserves in the ST PASA or PD PASA is less than LCR2 (forecast LOR1); or



(c) for a period within the LOR assessment horizon when the forecast of available *capacity* reserves in the ST PASA or PD PASA is less than FUM for the relevant period and region (forecast LOR1).

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## Appendix A. Forecast uncertainty error methodology

This Appendix describes how the historical forecasting data is analysed under different prevailing conditions in order to estimate the combined forecasting error.

### A.1 Sources of error

## A.1.1 Aggregate non-energy limited capacity

This value is the total aggregate contribution to supply determined by the *PASA* process from scheduled generating units, scheduled bidirectional units and semi-scheduled generating units for which no daily energy constraint has been specified in ST PASA and PD PASA submissions. The calculation of this value considers the forecast available capacity as specified by *Scheduled Generators* and *Scheduled Integrated Resource Providers*, the *network* limitations as specified by *AEMO* through *network constraint* equations, and *AEMO*-produced *unconstrained intermittent generation forecasts* for *semi-scheduled generating units*. Each of these components is a potential significant source of forecasting error.

## A.1.2 Aggregate energy limited capacity

This value is the total aggregate contribution to supply determined by the *PASA* process from scheduled generating units and scheduled bidirectional units for which a daily energy constraint has been specified in ST PASA and PD PASA submissions. The calculation of this value considers the forecast available capacity as specified by *Scheduled Generators* and *Scheduled Integrated Resource Providers*, the forecast daily energy constraint as specified by *Scheduled Generators* and *Scheduled Integrated Resource Providers*, the optimisation of energy limited capacity through the *PASA* algorithm, and the *network* limitations as specified by *AEMO* through *network constraint* equations. Each of these components is a potential significant source of forecasting error.

## A.1.3 Aggregate semi-scheduled output

This value is the total aggregate forecast output of *semi-scheduled generating units* in the *region* determined by the *PASA* process. The calculation of this value considers the *AEMO*-produced *unconstrained intermittent generation forecasts* for *semi-scheduled generating units*, estimate of *available capacity* for each *Semi-Scheduled Generator*<sup>4</sup>, and the *network* limitations as specified by *AEMO* through *network constraint* equations. Each of these components is a potential significant source of forecasting error.

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https://aemo.com.au/energy-systems/electricity/national-electricity-market-nem/nem-forecasting-and-planning/operational-forecasting/solar-and-wind-energy-forecasting/updates-and-initiatives/enablement-of-bid-max-avail-for-semi-scheduled-generators



#### A.1.4 Interconnector support

This value is the maximum *supply* to the *region* available from adjacent *regions* after the demand to be met from *supply* is satisfied in the adjacent *region* as determined by the *PASA* process. The calculation of this value considers the *network* limitations as specified by *AEMO* through *network constraint* equations, and the demand to be met from *supply* in adjacent *regions* as determined by the *PASA* algorithm. Each of these components is a potential significant source of forecasting error.

# A.1.5 Available capacity of scheduled generating units and scheduled bidirectional units

Every Scheduled Generator and Scheduled Integrated Resource Provider is required to submit an estimate of available capacity of each scheduled generating unit and scheduled bidirectional unit for each 30-minute period for the next 8 days. This provides AEMO with an estimate of how much generation is available for dispatch and may be updated at any time up to the point of dispatch. This variation is a potential significant source of forecasting error.

#### A.1.6 Unconstrained intermittent generation forecast

AEMO produces a generation forecast for every semi-scheduled generating unit and large intermittent non-scheduled generating unit through its AWEFS and ASEFS. These forecasts are a potential significant source of forecasting error.

In some situations these *generating units* may be subject to *constraints*. This is a rare situation, and in *30-minute periods* where this occurred, the relevant *generating units* were simply removed from the RXS calculation.

#### A.1.7 Scheduled demand

AEMO currently produces Scheduled Demand forecasts at a *regional* level. The demand forecast considers customer *load*, the output of major *non-scheduled generating units* and the output of *distribution connected units* including rooftop solar generation. Each of these components is a potential significant source of forecasting error.

## A.2 Quantile Regression

Typical regression algorithms aim to predict the mean value of a response variable given a set of predictor variables, whereas quantile regression aims to predict the median or an arbitrary quantile (e.g. 95<sup>th</sup> percentile). This is achieved by modifying the loss function assigning unequal weights to the residuals that are either overpredictions or underpredictions. This approach allows quantile regression to provide estimates corresponding to different points in the distribution, such as the upper or lower bounds of a confidence interval for the response variable. Quantile regression can be performed by numerous machine learning algorithms including Linear Regression, Gradient Boosting Machines, Support Vector Machines and Neural Networks.

In the context of the FUM, the response (output) variable is the upper bound for the RXS error, and the predictor (input) variables are the following:

(a) Forecast of dry bulb temperature

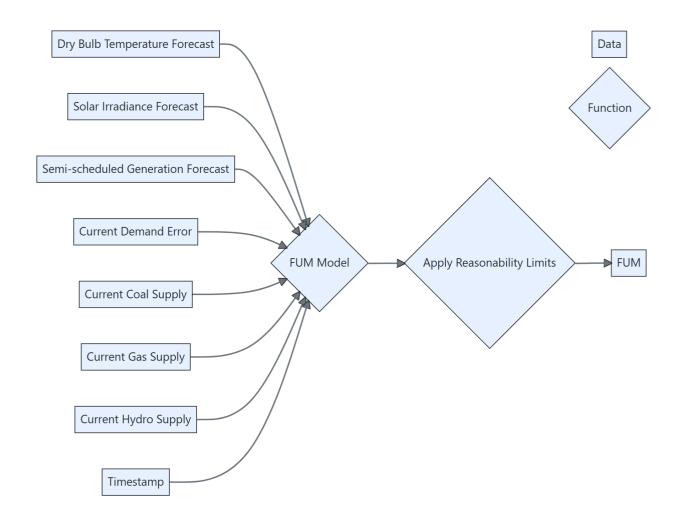


- (b) Solar irradiance forecast
- (c) Forecast output of semi-scheduled generating units
- (d) Current demand forecast error
- (e) Current supply mix for coal, gas and hydro
- (f) Timestamp

Previous assessments conducted in 2018 determined that the most significant prevailing conditions (the conditions that cause the largest change in forecasting uncertainty) are those listed (a) through (e). Assessments conducted in 2024 as part of the update to the FUM model (previously BBN) reaffirmed that these prevailing conditions continue to maintain significance in forecasting uncertainty. Additionally, Timestamp (variable (f)) was also assessed and yielded more similar results to the BBN than if not included in the Quantile Regression (QR) model, hence forming part of the final set of predictor (input) variables. The Timestamp variable incorporates seasonality on several timescales including, but not limited to, time of year (season), time of week, and time of day, when calculating the FUM.

Therefore, the QR model includes the temperature forecast, solar irradiance forecast, forecast output of *semi-scheduled generating units*, the current demand forecast error, the current supply mix for coal, gas and hydro, and timestamp as input data. This is shown in Figure 2 below.

Figure 2 A flow diagram depicting the inputs and outputs of the FUM model.



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The QR model will be retrained on a quarterly basis using data from recent years deemed representative for today's system (typically five years), though data is available back to 2012 if required. At the time of retraining, additional data available since the last retraining will be added to the training data set. Any changes to forecasting systems which result in a change in any of the error distributions (for example, an upgrade to the forecasting system resulting in an improvement to forecasting accuracy) will be reflected in the QR model (and subsequent FUM values) following the next scheduled retraining.

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# Appendix B. Confidence levels

The confidence levels chosen for determination of FUM are as follows.

Table 1 Confidence levels for determination of FUM values

Region(s)	Forecasting horizon (hours)	Confidence level
All	0.5 to 72	95%

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## Appendix C. Reasonability limits

The reasonability limits chosen and applied as reasonability checks on the FUM value (section 3.5) are as follows.

Table 2 Reasonability limits

Region(s)	Forecasting horizon (Hrs)	Lower reasonability limit	Upper reasonability limit	Delta lower reasonability limit	Delta raise reasonability limit
NSW1	0.5	0	759.2	142	19
NSW1	1	0	889.1	142	19
NSW1	1.5	0	1019	142	19
NSW1	2	0	1105.05	142	19
NSW1	2.5	0	1191.1	142	19
NSW1	3	0	1256.85	142	19
NSW1	3.5	0	1322.6	142	19
NSW1	4	0	1385.3	142	19
NSW1	4.5	0	1448	142	19
NSW1	5	0	1492.6	142	19
NSW1	5.5	0	1537.2	142	19
NSW1	6	0	1571.6	142	19
NSW1	6.5	0	1606	38	19
NSW1	7	0	1622.9	38	19
NSW1	7.5	0	1639.8	38	19
NSW1	8	0	1654.7	38	19
NSW1	8.5	0	1669.6	38	19
NSW1	9	0	1674.95	38	19
NSW1	9.5	0	1680.3	38	19
NSW1	10	0	1697.25	38	19
NSW1	10.5	0	1714.2	38	19
NSW1	11	0	1730.05	38	19
NSW1	11.5	0	1745.9	38	19
NSW1	12	0	1762.05	38	19
NSW1	12.5	0	1778.2	38	19
NSW1	13	0	1795.4	38	19
NSW1	13.5	0	1812.6	38	19
NSW1	14	0	1827.2	38	19
NSW1	14.5	0	1841.8	38	19
NSW1	15	0	1847.6	38	19
NSW1	15.5	0	1853.4	38	19
NSW1	16	0	1856.7	38	19
NSW1	16.5	0	1860	38	19

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Region(s)	Forecasting horizon (Hrs)	Lower reasonability limit	Upper	Delta lower reasonability limit	Delta raise
NSW1	norizon (Hrs)	reasonability limit	reasonability limit	reasonability limit	reasonability limit
NSW1	17.5	0	1902.8	38	19
NSW1	18	0	1917.25	38	19
NSW1	18.5	0	1931.7	38	38
NSW1	19	0	1941.75	38	38
NSW1	19.5	0	1951.8	38	38
NSW1	20	0	1974.9	38	38
NSW1	20.5	0	1998	38	38
NSW1	21	0	2013.4	38	38
NSW1	21.5	0	2028.8	38	38
NSW1	22	0	2053.35	38	38
NSW1	22.5	0	2077.9	38	38
NSW1	23	0	2092.8	38	38
NSW1	23.5	0	2107.7	38	38
NSW1	24	0	2122.5	38	38
NSW1	24.5	0	2137.3	38	38
NSW1	25	0	2149.25	38	38
NSW1	25.5	0	2161.2	38	38
NSW1	26	0	2177.95	38	38
NSW1	26.5	0	2194.7	38	38
NSW1	27	0	2205.75	38	38
NSW1	27.5	0	2216.8	38	38
NSW1	28	0	2224	38	38
NSW1	28.5	0	2231.2	38	38
NSW1	29	0	2243.7	38	38
NSW1	29.5	0	2256.2	38	38
NSW1	30	0	2260.8	38	38
NSW1	30.5	0	2265.4	38	38
NSW1	31	0	2268.3	38	38
NSW1	31.5	0	2271.2	38	38
NSW1	32	0	2277.25	38	38
NSW1	32.5	0	2283.3	38	38
NSW1	33	0	2288.85	38	38
NSW1	33.5	0	2294.4	38	38
NSW1	34	0	2297.3	38	38
NSW1	34.5	0	2300.2	38	38
NSW1	35	0	2303.75	38	38
NSW1	35.5	0	2307.3	38	38
NSW1	36	0	2311.75	38	38
NSW1	36.5	0	2316.2	38	38

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Region(s)	Forecasting horizon (Hrs)	Lower reasonability limit	Upper reasonability limit	Delta lower reasonability limit	Delta raise reasonability limit
NSW1	norizon (Hrs)	reasonability limit	2316.5	reasonability limit	reasonability limit
NSW1	37.5	0	2316.8	38	38
NSW1	38	0	2317.05	38	38
NSW1	38.5	0	2317.3	38	38
NSW1	39	0	2314.9	38	38
NSW1	39.5	0	2312.5	38	38
NSW1	40	0	2324.9	38	38
NSW1	40.5	0	2337.3	38	38
NSW1	41	0	2343.65	38	38
NSW1	41.5	0	2350	38	38
NSW1	42	0	2362.85	38	38
NSW1	42.5	0	2375.7	38	38
NSW1	43	0	2384.15	38	38
NSW1	43.5	0	2392.6	38	38
NSW1	44	0	2399.4	38	38
NSW1	44.5	0	2628.2	38	38
NSW1	45	0	2632.2	38	38
NSW1	45.5	0	2635.7	38	38
NSW1	46	0	2639.2	38	38
NSW1	46.5	0	2644.15	38	38
NSW1	47	0	2649.1	38	38
NSW1	47.5	0	2650.75	38	38
NSW1	48	0	2652.4	38	38
NSW1	48.5	0	2652.4	38	38
NSW1	49	0	2652.4	38	38
NSW1	49.5	0	2652.4	38	38
NSW1	50	0	2652.4	38	38
NSW1	50.5	0	2652.4	38	38
NSW1	51	0	2652.4	38	38
NSW1	51.5	0	2652.4	38	38
NSW1	52	0	2652.4	38	38
NSW1	52.5	0	2652.4	38	38
NSW1	53	0	2652.4	38	38
NSW1	53.5	0	2652.4	38	38
NSW1	54	0	2652.4	38	38
NSW1	54.5	0	2652.4	38	38
NSW1	55	0	2652.4	38	38
NSW1	55.5	0	2652.4	38	38
NSW1	56	0	2652.4	38	38
NSW1	56.5	0	2652.4	38	38

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Region(s)	Forecasting	Lower	Upper	Delta lower	Delta raise
NSW1	horizon (Hrs)	reasonability limit	reasonability limit 2652.4	reasonability limit	reasonability limit
NSW1		0	2652.4		
NSW1	57.5 58	0	2652.4	38	38
NSW1	58.5	0	2652.4	38	38
NSW1	59	0	2652.4	38	38
NSW1	59.5	0	2652.4	38	38
NSW1	60	0	2652.4	38	38
NSW1	60.5	0	2652.4	38	38
NSW1	61	0	2652.4	38	38
NSW1	61.5	0	2652.4	38	38
NSW1	62	0	2652.4	38	38
NSW1	62.5	0	2652.4	38	38
NSW1	63	0	2652.4	38	38
NSW1	63.5	0	2652.4	38	38
NSW1	64	0	2652.4	38	38
NSW1	64.5	0	2652.4	38	38
NSW1	65	0	2652.4	38	38
NSW1	65.5	0	2652.4	38	38
NSW1	66	0	2652.4	38	38
NSW1	66.5	0	2652.4	38	38
NSW1	67	0	2652.4	38	38
NSW1	67.5	0	2652.4	38	38
NSW1	68	0	2652.4	38	38
NSW1	68.5	0	2652.4	38	38
NSW1	69	0	2652.4	38	38
NSW1	69.5	0	2652.4	38	38
NSW1	70	0	2652.4	38	38
NSW1	70.5	0	2652.4	38	38
NSW1	71	0	2652.4	38	38
NSW1	71.5	0	2652.4	38	38
NSW1	72	0	2652.4	38	38
QLD1	0.5	0	746.8	90	12
QLD1	1	0	838.85	90	12
QLD1	1.5	0	930.9	90	12
QLD1	2	0	981.35	90	12
QLD1	2.5	0	1031.8	90	12
QLD1	3	0	1054.6	90	12
QLD1	3.5	0	1077.4	90	12
QLD1	4	0	1108.9	90	12
QLD1	4.5	0	1140.4	90	12

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Region(s)	Forecasting horizon (Hrs)	Lower reasonability limit	Upper reasonability limit	Delta lower reasonability limit	Delta raise reasonability limit
QLD1	5	0	1156.2	90	12
QLD1	5.5	0	1172	90	12
QLD1	6	0	1178.45	90	12
QLD1	6.5	0	1184.9	24	12
QLD1	7	0	1182.3	24	12
QLD1	7.5	0	1179.7	24	12
QLD1	8	0	1163.1	24	12
QLD1	8.5	0	1146.5	24	12
QLD1	9	0	1121.7	24	12
QLD1	9.5	0	1096.9	24	12
QLD1	10	0	1103.3	24	12
QLD1	10.5	0	1109.7	24	12
QLD1	11	0	1120.8	24	12
QLD1	11.5	0	1131.9	24	12
QLD1	12	0	1143	24	12
QLD1	12.5	0	1154.1	24	12
QLD1	13	0	1163.2	24	12
QLD1	13.5	0	1172.3	24	12
QLD1	14	0	1178	24	12
QLD1	14.5	0	1183.7	24	12
QLD1	15	0	1191.5	24	12
QLD1	15.5	0	1199.3	24	12
QLD1	16	0	1206.6	24	12
QLD1	16.5	0	1213.9	24	12
QLD1	17	0	1218	24	12
QLD1	17.5	0	1222.1	24	12
QLD1	18	0	1231.3	24	12
QLD1	18.5	0	1240.5	24	24
QLD1	19	0	1249.15	24	24
QLD1	19.5	0	1257.8	24	24
QLD1	20	0	1265.5	24	24
QLD1	20.5	0	1273.2	24	24
QLD1	21	0	1272.05	24	24
QLD1	21.5	0	1270.9	24	24
QLD1	22	0	1276.55	24	24
QLD1	22.5	0	1282.2	24	24
QLD1	23	0	1286.85	24	24
QLD1	23.5	0	1291.5	24	24
QLD1	24	0	1294.25	24	24
QLD1	24.5	0	1297	24	24

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Region(s)	Forecasting	Lower	Upper	Delta lower	Delta raise
OLD4	horizon (Hrs)	reasonability limit	reasonability limit	reasonability limit	reasonability limit
QLD1		0	1299.6		
QLD1 QLD1	25.5	0	1302.2 1305.75	24	24 24
QLD1	26 26.5	0	1309.75	24	24
QLD1	27	0	1313.8	24	24
QLD1	27.5	0	1318.3	24	24
QLD1	28	0	1323.65	24	24
QLD1	28.5	0	1329	24	24
QLD1	29	0	1338.8	24	24
QLD1	29.5	0	1348.6	24	24
QLD1	30	0	1351.25	24	24
QLD1	30.5	0	1353.9	24	24
QLD1	31	0	1358.7	24	24
QLD1	31.5	0	1363.5	24	24
QLD1	32	0	1366.95	24	24
QLD1	32.5	0	1370.4	24	24
QLD1	33	0	1371.75	24	24
QLD1	33.5	0	1373.1	24	24
QLD1	34	0	1373.95	24	24
QLD1	34.5	0	1374.8	24	24
QLD1	35	0	1378.25	24	24
QLD1	35.5	0	1381.7	24	24
QLD1	36	0	1383.75	24	24
QLD1	36.5	0	1385.8	24	24
QLD1	37	0	1388.05	24	24
QLD1	37.5	0	1390.3	24	24
QLD1	38	0	1393.15	24	24
QLD1	38.5	0	1396	24	24
QLD1	39	0	1404.8	24	24
QLD1	39.5	0	1413.6	24	24
QLD1	40	0	1423.2	24	24
QLD1	40.5	0	1432.8	24	24
QLD1	41	0	1438.75	24	24
QLD1	41.5	0	1444.7	24	24
QLD1	42	0	1446.7	24	24
QLD1	42.5	0	1448.7	24	24
QLD1	43	0	1450.35	24	24
QLD1	43.5	0	1452	24	24
QLD1	44	0	1452.9	24	24
QLD1	44.5	0	1453.8	24	24

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Region(s)	Forecasting	Lower	Upper	Delta lower	Delta raise
OLD4	horizon (Hrs)	reasonability limit	reasonability limit	reasonability limit	reasonability limit
QLD1	45	0	1455.4	24	24
QLD1	45.5	0	1457	24	24
QLD1	46	0	1458.6	24	24
QLD1 QLD1	46.5 47	0	1460.2 1465.55	24	24 24
QLD1	47.5	0	1470.9	24	24
QLD1	47.5	0	1470.9	24	24
QLD1	48.5	0	1472.43	24	24
QLD1	49.3	0	1476.25	24	24
QLD1	49.5	0	1478.5	24	24
QLD1	50	0	1480.95	24	24
QLD1	50.5	0	1483.4	24	24
QLD1	51	0	1485.65	24	24
QLD1	51.5	0	1487.9	24	24
QLD1	52	0	1492.85	24	24
QLD1	52.5	0	1497.8	24	24
QLD1	53	0	1501.8	24	24
QLD1	53.5	0	1505.8	24	24
QLD1	54	0	1509.9	24	24
QLD1	54.5	0	1514	24	24
QLD1	55	0	1516.7	24	24
QLD1	55.5	0	1519.4	24	24
QLD1	56	0	1520.1	24	24
QLD1	56.5	0	1520.8	24	24
QLD1	57	0	1523.95	24	24
QLD1	57.5	0	1527.1	24	24
QLD1	58	0	1528.9	24	24
QLD1	58.5	0	1530.7	24	24
QLD1	59	0	1533.3	24	24
QLD1	59.5	0	1535.9	24	24
QLD1	60	0	1538.15	24	24
QLD1	60.5	0	1540.4	24	24
QLD1	61	0	1545.25	24	24
QLD1	61.5	0	1550.1	24	24
QLD1	62	0	1551	24	24
QLD1	62.5	0	1551.9	24	24
QLD1	63	0	1551.1	24	24
QLD1	63.5	0	1550.3	24	24
QLD1	64	0	1553.95	24	24
QLD1	64.5	0	1557.6	24	24

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CLD1         65         0         155855         24         24           QLD1         655         0         155255         24         24           QLD1         656         0         156215         24         24           QLD1         66.5         0         1562.55         24         24           QLD1         67.5         0         1568.85         24         24           QLD1         68.5         0         1569.65         24         24           QLD1         68.5         0         1569.65         24         24           QLD1         68.5         0         1569.65         24         24           QLD1         68.5         0         1570.6         24         24           QLD1         69.5         0         1571.9         24         24           QLD1         70         0         1574.6         24         24           QLD1         70         0         1576.6         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         71.5         0         1578.6         24         24	Region(s)	Forecasting	Lower	Upper	Delta lower	Delta raise
OLD1         65.5         0         1562.1         24         24           QLD1         66         0         1562.55         24         24           QLD1         66.5         0         1563         24         24           QLD1         67.5         0         1568.5         24         24           QLD1         68         0         1569.65         24         24           QLD1         68.5         0         1570.6         24         24           QLD1         68.5         0         1570.6         24         24           QLD1         69.5         0         1571.9         24         24           QLD1         69.5         0         1573.2         24         24           QLD1         70.5         0         1576.6         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         72.0         0         1578.6         24         24           QLD1         72.0         0         311.2         48         6 <t< th=""><th></th><th></th><th></th><th>,</th><th>-</th><th>-</th></t<>				,	-	-
QLD1         66         0         1562.55         24         24           QLD1         66.5         0         1563         24         24           QLD1         67.5         0         1565.85         24         24           QLD1         68.5         0         1569.65         24         24           QLD1         68.5         0         1570.6         24         24           QLD1         69.5         0         1571.9         24         24           QLD1         69.5         0         1573.2         24         24           QLD1         70.5         0         1576.6         24         24           QLD1         71.5         0         1576.6         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         72.         0         1578.6         24         24           SA1         0.5         0         311.2         48         6 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
QLD1         66.5         0         1563         24         24           QLD1         67         0         1565.85         24         24           QLD1         67.5         0         1566.7         24         24           QLD1         68         0         1569.65         24         24           QLD1         68.5         0         1570.6         24         24           QLD1         69.5         0         1571.9         24         24           QLD1         70         0         1573.2         24         24           QLD1         70.5         0         1576.6         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         72         0         1578.6         24         24           SA1         0.5         0         311.2         48         6           SA1         1.5         0         401.7         48         6           SA1         2.5         0         422.4         48         6 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td></th<>						
QLD1         67         0         1565.85         24         24           QLD1         67.5         0         1568.7         24         24           QLD1         68         0         1569.65         24         24           QLD1         68.5         0         1570.6         24         24           QLD1         69.5         0         1571.9         24         24           QLD1         70         0         1573.2         24         24           QLD1         70.5         0         1576.6         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         72.         0         1578.6         24         24           QLD1         72.         0         1578.6         24         24           QLD1         72.         0         1578.6         24         24           SA1         0.5         0         311.2         48         6           SA1         1.5         0         401.7         48         6						
QLD1         67.5         0         1568.7         24         24           QLD1         68         0         1569.65         24         24           QLD1         68.5         0         1570.6         24         24           QLD1         69.5         0         1571.9         24         24           QLD1         70         0         1578.2         24         24           QLD1         70.5         0         1576.6         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         72.5         0         1578.6         24         24           SA1         0.5         0         311.2         48         6           SA1         1.5         0         412.4         48         6						
QLD1         68         0         1569.65         24         24           QLD1         68.5         0         1570.6         24         24           QLD1         69         0         1571.9         24         24           QLD1         69.5         0         1573.2         24         24           QLD1         70         0         1574.6         24         24           QLD1         70.5         0         1577.3         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         72         0         1578.6         24         24           QLD1         72         0         1578.6         24         24           SA1         0.5         0         311.2         48         6           SA1         1.5         0         401.7         48         6           SA1         1.5         0         401.7         48         6           SA1         2.5         0         443.1         48         6           SA1         3.5         0         483.2         48         6           SA1						
QLD1         68.5         0         1570.6         24         24           QLD1         69         0         1571.9         24         24           QLD1         69.5         0         1573.2         24         24           QLD1         70         0         1574.6         24         24           QLD1         70.5         0         1576.6         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         72.5         0         1578.6         24         24           QLD1         72.5         0         1578.6         24         24           QLD1         72.5         0         311.2         48         6           SA1         0.5         0         311.2         48         6           SA1         1.5         0         401.7         48         6           SA1         2.5         0         443.1         48         6           SA1         3.5         0         483.2         48         6           SA1         4.5         0         502         48         6           SA1 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
OLD1         699         0         1571.9         24         24           QLD1         69.5         0         1573.2         24         24           QLD1         70         0         1574.6         24         24           QLD1         70.5         0         1576.6         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         72         0         1578.6         24         24           QLD1         72         0         1578.6         24         24           SA1         0.5         0         311.2         48         6           SA1         1.5         0         356.45         48         6           SA1         1.5         0         401.7         48         6           SA1         2.5         0         422.4         48         6           SA1         3.5         0         433.1         48         6           SA1         3.5         0         433.2         48         6           SA1         4.5         0         50.2         48         6           SA1						
QLD1         69.5         0         1573.2         24         24           QLD1         70         0         1574.6         24         24           QLD1         70.5         0         1576.6         24         24           QLD1         71         0         1578.6         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         72         0         1578.6         24         24           SA1         0.5         0         311.2         48         6           SA1         1         0         356.45         48         6           SA1         1.5         0         401.7         48         6           SA1         2.5         0         443.1         48         6           SA1         2.5         0         443.1         48         6           SA1         3.5         0         483.2         48         6           SA1         4.5         0         502         48         6           SA1         4.5         0         502         48         6           SA1         5						
OLD1         70         0         1574.6         24         24           QLD1         70.5         0         1576         24         24           QLD1         71         0         1577.3         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         72         0         1578.6         24         24           SA1         0.5         0         311.2         48         6           SA1         1         0         356.45         48         6           SA1         1.5         0         401.7         48         6           SA1         2.5         0         422.4         48         6           SA1         2.5         0         443.1         48         6           SA1         3.5         0         443.1         48         6           SA1         4.5         0         492.6         48         6           SA1         4.5         0         502         48         6           SA1         5.5         0         510.5         48         6           SA1         6.5 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
OLD1         70.5         0         1576         24         24           OLD1         71         0         1577.3         24         24           QLD1         71.5         0         1578.6         24         24           QLD1         72         0         1578.6         24         24           SA1         0.5         0         311.2         48         6           SA1         1         0         356.45         48         6           SA1         1.5         0         401.7         48         6           SA1         2         0         422.4         48         6           SA1         2.5         0         443.1         48         6           SA1         3.5         0         483.2         48         6           SA1         3.5         0         483.2         48         6           SA1         4.5         0         502         48         6           SA1         5.5         0         510.5         48         6           SA1         6         0         523.75         48         6           SA1         7.5						
OLD1         71         0         1577.3         24         24           OLD1         71.5         0         1578.6         24         24           QLD1         72         0         1578.6         24         24           SA1         0.5         0         311.2         48         6           SA1         1         0         356.45         48         6           SA1         1.5         0         401.7         48         6           SA1         1.5         0         401.7         48         6           SA1         2.5         0         422.4         48         6           SA1         2.5         0         443.1         48         6           SA1         3.5         0         483.2         48         6           SA1         4.5         0         492.6         48         6           SA1         4.5         0         502         48         6           SA1         5.5         0         510.5         48         6           SA1         6.5         0         523.75         48         6           SA1         7.5						
QLD1         71.5         0         1578.6         24         24           QLD1         72         0         1578.6         24         24           SA1         0.5         0         311.2         48         6           SA1         1         0         356.45         48         6           SA1         1.5         0         401.7         48         6           SA1         2.5         0         401.7         48         6           SA1         2.5         0         422.4         48         6           SA1         2.5         0         443.1         48         6           SA1         3.5         0         483.2         48         6           SA1         4.5         0         492.6         48         6           SA1         4.5         0         502         48         6           SA1         5.5         0         510.5         48         6           SA1         6.5         0         523.75         48         6           SA1         7.5         0         536.2         13         6           SA1         8.5				1576		24
QLD1         72         0         1578.6         24         24           SA1         0.5         0         311.2         48         6           SA1         1         0         356.45         48         6           SA1         1.5         0         401.7         48         6           SA1         2         0         422.4         48         6           SA1         2.5         0         443.1         48         6           SA1         3         0         463.15         48         6           SA1         3.5         0         483.2         48         6           SA1         4         0         492.6         48         6           SA1         4.5         0         502         48         6           SA1         5.5         0         510.5         48         6           SA1         6         0         523.75         48         6           SA1         6.5         0         582.5         13         6           SA1         7.5         0         536.2         13         6           SA1         8.5					24	
SA1         0.5         0         311.2         48         6           SA1         1         0         356.45         48         6           SA1         1.5         0         401.7         48         6           SA1         2         0         422.4         48         6           SA1         2.5         0         443.1         48         6           SA1         3         0         463.15         48         6           SA1         3.5         0         483.2         48         6           SA1         4         0         492.6         48         6           SA1         4.5         0         502         48         6           SA1         4.5         0         502         48         6           SA1         5         0         510.5         48         6           SA1         5         0         510.5         48         6           SA1         6         0         523.75         48         6           SA1         6         0         523.75         48         6           SA1         7         0	QLD1	71.5	0	1578.6	24	24
SA1         1         0         356.45         48         6           SA1         1.5         0         401.7         48         6           SA1         2         0         422.4         48         6           SA1         2.5         0         443.1         48         6           SA1         3         0         463.15         48         6           SA1         3.5         0         483.2         48         6           SA1         4         0         492.6         48         6           SA1         4.5         0         502         48         6           SA1         4.5         0         502         48         6           SA1         5         0         502         48         6           SA1         6         0         523.75         48         6           SA1         7         0         536	QLD1		0	1578.6	24	24
SA1         1.5         0         401.7         48         6           SA1         2         0         422.4         48         6           SA1         2.5         0         443.1         48         6           SA1         3         0         463.15         48         6           SA1         3.5         0         483.2         48         6           SA1         4         0         492.6         48         6           SA1         4.5         0         502         48         6           SA1         5         0         510.5         48         6           SA1         5.5         0         519.5         48         6           SA1         6.5         0         523.75         48         6           SA1         6.5         0         528.5         13         6           SA1         7.5         0         536.2         13         6           SA1         7.5         0         543.9         13         6           SA1         8.5         0         566.8         13         6           SA1         9.5         0	SA1	0.5	0	311.2	48	6
SA1       2       0       422.4       48       6         SA1       2.5       0       443.1       48       6         SA1       3       0       463.15       48       6         SA1       3.5       0       483.2       48       6         SA1       4       0       492.6       48       6         SA1       4.5       0       502       48       6         SA1       5       0       510.5       48       6         SA1       5.5       0       510.5       48       6         SA1       6       0       523.75       48       6         SA1       6.5       0       528.5       13       6         SA1       7       0       536.2       13       6         SA1       7.5       0       543.9       13       6         SA1       8       0       555.35       13       6         SA1       8.5       0       566.8       13       6         SA1       9       0       571.95       13       6         SA1       10       0       576.1       13 </td <td>SA1</td> <td>1</td> <td>0</td> <td>356.45</td> <td>48</td> <td>6</td>	SA1	1	0	356.45	48	6
SA1       2.5       0       443.1       48       6         SA1       3       0       463.15       48       6         SA1       3.5       0       483.2       48       6         SA1       4       0       492.6       48       6         SA1       4.5       0       502       48       6         SA1       5       0       510.5       48       6         SA1       5.5       0       519       48       6         SA1       6       0       523.75       48       6         SA1       6.5       0       528.5       13       6         SA1       7       0       536.2       13       6         SA1       7.5       0       543.9       13       6         SA1       8       0       555.35       13       6         SA1       8.5       0       566.8       13       6         SA1       9       0       571.95       13       6         SA1       9.5       0       577.1       13       6         SA1       10       0       576.1       13 </td <td>SA1</td> <td>1.5</td> <td>0</td> <td>401.7</td> <td>48</td> <td>6</td>	SA1	1.5	0	401.7	48	6
SA1       3       0       463.15       48       6         SA1       3.5       0       483.2       48       6         SA1       4       0       492.6       48       6         SA1       4.5       0       502       48       6         SA1       5       0       510.5       48       6         SA1       5.5       0       519       48       6         SA1       6       0       523.75       48       6         SA1       6.5       0       528.5       13       6         SA1       7       0       536.2       13       6         SA1       7.5       0       543.9       13       6         SA1       8       0       555.35       13       6         SA1       8.5       0       566.8       13       6         SA1       9       0       571.95       13       6         SA1       9.5       0       571.1       13       6         SA1       10.5       0       575.1       13       6         SA1       10.5       0       578.6       1	SA1	2	0	422.4	48	6
SA1       3.5       0       483.2       48       6         SA1       4       0       492.6       48       6         SA1       4.5       0       502       48       6         SA1       5       0       510.5       48       6         SA1       5.5       0       519       48       6         SA1       6       0       523.75       48       6         SA1       6.5       0       528.5       13       6         SA1       7       0       536.2       13       6         SA1       7.5       0       543.9       13       6         SA1       8       0       555.35       13       6         SA1       8.5       0       566.8       13       6         SA1       9       0       571.95       13       6         SA1       9.5       0       577.1       13       6         SA1       10.5       0       575.1       13       6         SA1       10.5       0       575.1       13       6         SA1       11.5       0       582.1 <td< td=""><td>SA1</td><td>2.5</td><td>0</td><td>443.1</td><td>48</td><td>6</td></td<>	SA1	2.5	0	443.1	48	6
SA1       4       0       492.6       48       6         SA1       4.5       0       502       48       6         SA1       5       0       510.5       48       6         SA1       5.5       0       519       48       6         SA1       6       0       523.75       48       6         SA1       6.5       0       528.5       13       6         SA1       7       0       536.2       13       6         SA1       7.5       0       543.9       13       6         SA1       8       0       555.35       13       6         SA1       8.5       0       566.8       13       6         SA1       9       0       571.95       13       6         SA1       9.5       0       577.1       13       6         SA1       10       0       576.1       13       6         SA1       10.5       0       575.1       13       6         SA1       11       0       578.6       13       6         SA1       11.5       0       582.1       13	SA1	3	0	463.15	48	6
SA1       4.5       0       502       48       6         SA1       5       0       510.5       48       6         SA1       5.5       0       519       48       6         SA1       6       0       523.75       48       6         SA1       6.5       0       528.5       13       6         SA1       7       0       536.2       13       6         SA1       7.5       0       543.9       13       6         SA1       8       0       555.35       13       6         SA1       8.5       0       566.8       13       6         SA1       9       0       571.95       13       6         SA1       9.5       0       577.1       13       6         SA1       10       0       576.1       13       6         SA1       10.5       0       575.1       13       6         SA1       11.5       0       582.1       13       6         SA1       11.5       0       587.6       13       6	SA1	3.5	0	483.2	48	6
SA1       5       0       510.5       48       6         SA1       5.5       0       619       48       6         SA1       6       0       523.75       48       6         SA1       6.5       0       528.5       13       6         SA1       7       0       536.2       13       6         SA1       7.5       0       543.9       13       6         SA1       8       0       555.35       13       6         SA1       8.5       0       566.8       13       6         SA1       9       0       571.95       13       6         SA1       9.5       0       577.1       13       6         SA1       10       0       576.1       13       6         SA1       10.5       0       575.1       13       6         SA1       11       0       578.6       13       6         SA1       11.5       0       582.1       13       6         SA1       11.5       0       587.6       13       6	SA1	4	0	492.6	48	6
SA1       5.5       0       519       48       6         SA1       6       0       523.75       48       6         SA1       6.5       0       528.5       13       6         SA1       7       0       536.2       13       6         SA1       7.5       0       543.9       13       6         SA1       8       0       555.35       13       6         SA1       8.5       0       566.8       13       6         SA1       9       0       571.95       13       6         SA1       9.5       0       577.1       13       6         SA1       10       0       576.1       13       6         SA1       10.5       0       575.1       13       6         SA1       11       0       578.6       13       6         SA1       11.5       0       582.1       13       6         SA1       11.5       0       587.6       13       6	SA1	4.5	0	502	48	6
SA1       6       0       523.75       48       6         SA1       6.5       0       528.5       13       6         SA1       7       0       536.2       13       6         SA1       7.5       0       543.9       13       6         SA1       8       0       555.35       13       6         SA1       8.5       0       566.8       13       6         SA1       9       0       571.95       13       6         SA1       9.5       0       577.1       13       6         SA1       10       0       576.1       13       6         SA1       10.5       0       575.1       13       6         SA1       11       0       578.6       13       6         SA1       11.5       0       582.1       13       6         SA1       11.5       0       587.6       13       6	SA1	5	0	510.5	48	6
SA1       6.5       0       528.5       13       6         SA1       7       0       536.2       13       6         SA1       7.5       0       543.9       13       6         SA1       8       0       555.35       13       6         SA1       8.5       0       566.8       13       6         SA1       9       0       571.95       13       6         SA1       9.5       0       577.1       13       6         SA1       10       0       576.1       13       6         SA1       10.5       0       575.1       13       6         SA1       11       0       578.6       13       6         SA1       11.5       0       582.1       13       6         SA1       11.5       0       587.6       13       6	SA1	5.5	0	519	48	6
SA1       7       0       536.2       13       6         SA1       7.5       0       543.9       13       6         SA1       8       0       555.35       13       6         SA1       8.5       0       566.8       13       6         SA1       9       0       571.95       13       6         SA1       9.5       0       577.1       13       6         SA1       10       0       576.1       13       6         SA1       10.5       0       575.1       13       6         SA1       11       0       578.6       13       6         SA1       11.5       0       582.1       13       6         SA1       12       0       587.6       13       6	SA1	6	0	523.75	48	6
SA1       7.5       0       543.9       13       6         SA1       8       0       555.35       13       6         SA1       8.5       0       566.8       13       6         SA1       9       0       571.95       13       6         SA1       9.5       0       577.1       13       6         SA1       10       0       576.1       13       6         SA1       10.5       0       575.1       13       6         SA1       11       0       578.6       13       6         SA1       11.5       0       582.1       13       6         SA1       12       0       587.6       13       6	SA1	6.5	0	528.5	13	6
SA1       8       0       555.35       13       6         SA1       8.5       0       566.8       13       6         SA1       9       0       571.95       13       6         SA1       9.5       0       577.1       13       6         SA1       10       0       576.1       13       6         SA1       10.5       0       575.1       13       6         SA1       11       0       578.6       13       6         SA1       11.5       0       582.1       13       6         SA1       12       0       587.6       13       6	SA1	7	0	536.2	13	6
SA1       8.5       0       566.8       13       6         SA1       9       0       571.95       13       6         SA1       9.5       0       577.1       13       6         SA1       10       0       576.1       13       6         SA1       10.5       0       575.1       13       6         SA1       11       0       578.6       13       6         SA1       11.5       0       582.1       13       6         SA1       12       0       587.6       13       6	SA1	7.5	0	543.9	13	6
SA1       9       0       571.95       13       6         SA1       9.5       0       577.1       13       6         SA1       10       0       576.1       13       6         SA1       10.5       0       575.1       13       6         SA1       11       0       578.6       13       6         SA1       11.5       0       582.1       13       6         SA1       12       0       587.6       13       6	SA1	8	0	555.35	13	6
SA1     9.5     0     577.1     13     6       SA1     10     0     576.1     13     6       SA1     10.5     0     575.1     13     6       SA1     11     0     578.6     13     6       SA1     11.5     0     582.1     13     6       SA1     12     0     587.6     13     6	SA1	8.5	0	566.8	13	6
SA1     10     0     576.1     13     6       SA1     10.5     0     575.1     13     6       SA1     11     0     578.6     13     6       SA1     11.5     0     582.1     13     6       SA1     12     0     587.6     13     6	SA1	9	0	571.95	13	6
SA1     10.5     0     575.1     13     6       SA1     11     0     578.6     13     6       SA1     11.5     0     582.1     13     6       SA1     12     0     587.6     13     6	SA1	9.5	0	577.1	13	6
SA1     11     0     578.6     13     6       SA1     11.5     0     582.1     13     6       SA1     12     0     587.6     13     6	SA1	10	0	576.1	13	6
SA1     11.5     0     582.1     13     6       SA1     12     0     587.6     13     6	SA1	10.5	0	575.1	13	6
SA1     11.5     0     582.1     13     6       SA1     12     0     587.6     13     6	SA1	11	0	578.6	13	6
<b>SA1</b> 12 0 587.6 13 6	SA1	11.5	0	582.1	13	
	SA1	12	0	587.6	13	
<b>SA1</b> 12.5 0 593.1 13 6	SA1	12.5	0	593.1	13	6

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SA1         13         reasonability limit         reasonability limit </th <th>Region(s)</th> <th>Forecasting</th> <th>Lower</th> <th>Upper</th> <th>Delta lower</th> <th>Delta raise</th>	Region(s)	Forecasting	Lower	Upper	Delta lower	Delta raise
SA1         13.5         0         607.3         13         6           SA1         14         0         610.8         13         6           SA1         14.5         0         610.8         13         6           SA1         15.5         0         614.3         13         6           SA1         15.5         0         618.1         13         6           SA1         16         0         620.2         13         6           SA1         16.5         0         622.3         13         6           SA1         17.5         0         622.3         13         6           SA1         17.5         0         631.7         13         6           SA1         18.5         0         635.05         13         6           SA1         18.5         0         638.4         13         13           SA1         19.5         0         647.3         13         13           SA1         19.5         0         647.3         13         13           SA1         20.5         0         651.5         13         13           SA1 <th< th=""><th></th><th>horizon (Hrs)</th><th>reasonability limit</th><th>reasonability limit</th><th>reasonability limit</th><th>reasonability limit</th></th<>		horizon (Hrs)	reasonability limit	reasonability limit	reasonability limit	reasonability limit
SA1         14         0         610.8         13         6           SA1         14.5         0         614.3         13         6           SA1         15         0         616.2         13         6           SA1         15.5         0         618.1         13         6           SA1         16         0         622.2         13         6           SA1         16.5         0         622.3         13         6           SA1         17.5         0         631.7         13         6           SA1         18.5         0         635.05         13         6           SA1         18.5         0         635.05         13         6           SA1         19.5         0         635.05         13         13           SA1         19.5         0         642.85         13         13           SA1         19.5         0         647.3         13         13           SA1         19.5         0         651.45         13         13           SA1         20.5         0         651.45         13         13           SA1	SA1		0	600.2	13	6
SA1         14.5         0         614.3         13         6           SA1         15.5         0         616.2         13         6           SA1         15.5         0         618.1         13         6           SA1         16.5         0         620.2         13         6           SA1         17         0         627         13         6           SA1         17.5         0         631.7         13         6           SA1         18.5         0         635.05         13         6           SA1         18.5         0         638.4         13         13           SA1         19.5         0         638.4         13         13           SA1         19.5         0         647.3         13         13           SA1         19.5         0         647.3         13         13           SA1         20         0         651.45         13         13           SA1         20.5         0         652.6         13         13           SA1         21.5         0         662.1         13         13           SA1         <	SA1	13.5	0	607.3	13	6
SA1         15         0         616.2         13         6           SA1         15.5         0         618.1         13         6           SA1         16         0         620.2         13         6           SA1         16.5         0         622.3         13         6           SA1         17.5         0         627         13         6           SA1         17.5         0         631.7         13         6           SA1         18         0         635.05         13         6           SA1         18.5         0         638.4         13         13           SA1         19.5         0         638.4         13         13           SA1         19.5         0         642.85         13         13           SA1         20.5         0         651.45         13         13           SA1         20.5         0         656.6         13         13           SA1         21.5         0         668.4         13         13           SA1         22.5         0         682.9         13         13           SA1 <t< td=""><td>SA1</td><td>14</td><td>0</td><td>610.8</td><td>13</td><td>6</td></t<>	SA1	14	0	610.8	13	6
SA1         15.5         0         618.1         13         6           SA1         16         0         620.2         13         6           SA1         16.5         0         622.3         13         6           SA1         17.5         0         627         13         6           SA1         17.5         0         631.7         13         6           SA1         18.5         0         638.4         13         13           SA1         18.5         0         638.4         13         13           SA1         19.5         0         642.85         13         13           SA1         19.5         0         647.3         13         13           SA1         20.5         0         651.45         13         13           SA1         20.5         0         665.45         13         13           SA1         21.5         0         662         13         13           SA1         21.5         0         668.4         13         13           SA1         22.5         0         682.9         13         13           SA1	SA1	14.5	0	614.3	13	6
SA1         16         0         620.2         13         6           SA1         16.5         0         622.3         13         6           SA1         17         0         627         13         6           SA1         17.5         0         631.7         13         6           SA1         18         0         635.05         13         6           SA1         18.5         0         631.7         13         6           SA1         18.5         0         635.05         13         6           SA1         19.5         0         635.05         13         13           SA1         19.5         0         642.85         13         13           SA1         19.5         0         647.3         13         13           SA1         20.5         0         651.45         13         13           SA1         20.5         0         655.6         13         13           SA1         21.5         0         662         13         13           SA1         21.5         0         682.9         13         13           SA1 <t< td=""><td>SA1</td><td>15</td><td>0</td><td>616.2</td><td>13</td><td>6</td></t<>	SA1	15	0	616.2	13	6
SA1         16.5         0         622.3         13         6           SA1         17         0         627         13         6           SA1         17.5         0         631.7         13         6           SA1         18         0         635.05         13         6           SA1         18.5         0         638.4         13         13           SA1         19.5         0         642.85         13         13           SA1         19.5         0         647.3         13         13           SA1         20         0         651.45         13         13           SA1         20.5         0         655.6         13         13           SA1         20.5         0         662         13         13           SA1         21.5         0         668.4         13         13           SA1         22.5         0         688.9         13         13           SA1         22.5         0         688.9         13         13           SA1         23.5         0         688.85         13         13           SA1	SA1	15.5	0	618.1	13	6
SA1         17         0         627         13         6           SA1         17.5         0         631.7         13         6           SA1         18         0         635.05         13         6           SA1         18.5         0         638.4         13         13           SA1         19.5         0         642.85         13         13           SA1         19.5         0         647.3         13         13           SA1         20         0         651.45         13         13           SA1         20.5         0         665.6         13         13           SA1         21.5         0         662.13         13           SA1         21.5         0         668.4         13         13           SA1         22.5         0         682.9         13         13           SA1         22.5         0         682.9         13         13           SA1         23.5         0         684.8         13         13           SA1         24.5         0         701.05         13         13           SA1         24.5	SA1	16	0	620.2	13	6
SA1         17.5         0         631.7         13         6           SA1         18         0         635.05         13         6           SA1         18.5         0         638.4         13         13           SA1         19         0         642.85         13         13           SA1         19.5         0         647.3         13         13           SA1         20         0         651.45         13         13           SA1         20.5         0         655.6         13         13           SA1         21.5         0         662.4         13         13           SA1         21.5         0         668.4         13         13           SA1         22.5         0         682.9         13         13           SA1         22.5         0         682.9         13         13           SA1         23.5         0         682.9         13         13           SA1         23.5         0         682.9         13         13           SA1         24.0         701.05         13         13           SA1         24.5	SA1	16.5	0	622.3	13	6
SA1         18         0         635.05         13         6           SA1         18.5         0         638.4         13         13           SA1         19         0         642.85         13         13           SA1         19.5         0         647.3         13         13           SA1         20         0         651.45         13         13           SA1         20.5         0         655.6         13         13           SA1         21.5         0         662.4         13         13           SA1         21.5         0         668.4         13         13           SA1         22.5         0         668.4         13         13           SA1         22.5         0         682.9         13         13           SA1         23.5         0         688.85         13         13           SA1         23.5         0         684.8         13         13           SA1         24.5         0         701.05         13         13           SA1         24.5         0         707.3         13         13           SA1	SA1	17	0	627	13	6
SA1         18.5         0         638.4         13         13           SA1         19         0         642.85         13         13           SA1         19.5         0         647.3         13         13           SA1         20         0         651.45         13         13           SA1         20.5         0         655.6         13         13           SA1         21.5         0         662         13         13           SA1         21.5         0         668.4         13         13           SA1         22.5         0         662.9         13         13           SA1         22.5         0         682.9         13         13           SA1         23.5         0         682.9         13         13           SA1         23.5         0         682.9         13         13           SA1         23.5         0         682.9         13         13           SA1         24.5         0         701.05         13         13           SA1         24.5         0         701.05         13         13           SA1	SA1	17.5	0	631.7	13	6
SA1         19         0         642.85         13         13           SA1         19.5         0         647.3         13         13           SA1         20         0         651.45         13         13           SA1         20.5         0         665.6         13         13           SA1         21.5         0         662         13         13           SA1         21.5         0         668.4         13         13           SA1         22.5         0         662.9         13         13           SA1         22.5         0         682.9         13         13           SA1         23.5         0         688.85         13         13           SA1         23.5         0         694.8         13         13           SA1         24.5         0         701.05         13         13           SA1         24.5         0         707.3         13         13           SA1         25.5         0         711.6         13         13           SA1         26.5         0         718.65         13         13           SA1	SA1	18	0	635.05	13	6
SA1         19.5         0         647.3         13         13           SA1         20         0         651.45         13         13           SA1         20.5         0         655.6         13         13           SA1         21         0         662         13         13           SA1         21.5         0         668.4         13         13           SA1         22.5         0         668.4         13         13           SA1         22.5         0         682.9         13         13           SA1         23.5         0         682.9         13         13           SA1         23.5         0         688.85         13         13           SA1         23.5         0         694.8         13         13           SA1         24.5         0         701.05         13         13           SA1         24.5         0         707.3         13         13           SA1         25.5         0         711.6         13         13           SA1         26.5         0         718.65         13         13           SA1	SA1	18.5	0	638.4	13	13
SA1         20         0         651.45         13         13           SA1         20.5         0         655.6         13         13           SA1         21         0         662         13         13           SA1         21.5         0         668.4         13         13           SA1         22.5         0         668.4         13         13           SA1         22.5         0         682.9         13         13           SA1         23         0         688.85         13         13           SA1         23.5         0         694.8         13         13           SA1         24.5         0         701.05         13         13           SA1         24.5         0         707.3         13         13           SA1         25.5         0         711.6         13         13           SA1         25.5         0         715.9         13         13           SA1         26.5         0         718.65         13         13           SA1         27.5         0         721.4         13         13           SA1	SA1	19	0	642.85	13	13
SA1         20.5         0         655.6         13         13           SA1         21         0         662         13         13           SA1         21.5         0         668.4         13         13           SA1         22.5         0         668.4         13         13           SA1         22.5         0         682.9         13         13           SA1         23.5         0         682.9         13         13           SA1         24.5         0         70.05         13         13           SA1         24.5         0         701.05         13         13           SA1         25.5         0         711.6         13         13           SA1	SA1	19.5	0	647.3	13	13
SA1         21         0         662         13         13           SA1         21.5         0         668.4         13         13           SA1         22         0         675.65         13         13           SA1         22.5         0         682.9         13         13           SA1         23         0         688.85         13         13           SA1         23.5         0         694.8         13         13           SA1         23.5         0         694.8         13         13           SA1         24.5         0         701.05         13         13           SA1         24.5         0         707.3         13         13           SA1         25.5         0         711.6         13         13           SA1         25.5         0         715.9         13         13           SA1         26.5         0         718.65         13         13           SA1         26.5         0         721.4         13         13           SA1         27.5         0         727.5         13         13           SA1	SA1	20	0	651.45	13	13
SA1       21.5       0       668.4       13       13         SA1       22       0       675.65       13       13         SA1       22.5       0       682.9       13       13         SA1       23       0       688.85       13       13         SA1       23.5       0       694.8       13       13         SA1       24       0       701.05       13       13         SA1       24.5       0       707.3       13       13         SA1       24.5       0       707.3       13       13         SA1       25.5       0       711.6       13       13         SA1       25.5       0       718.65       13       13         SA1       26.5       0       718.65       13       13         SA1       26.5       0       721.4       13       13         SA1       27.5       0       727.5       13       13         SA1       27.5       0       727.5       13       13         SA1       28.5       0       731.4       13       13         SA1       29.5       <	SA1	20.5	0	655.6	13	13
SA1         22         0         675.65         13         13           SA1         22.5         0         682.9         13         13           SA1         23         0         688.85         13         13           SA1         23.5         0         694.8         13         13           SA1         24         0         701.05         13         13           SA1         24.5         0         707.3         13         13           SA1         25.5         0         711.6         13         13           SA1         25.5         0         715.9         13         13           SA1         26         0         718.65         13         13           SA1         26.5         0         721.4         13         13           SA1         27.5         0         727.5         13         13           SA1         28.5         0         729.45         13         13           SA1         29.5         0         731.4         13         13           SA1         29.5         0         735.7         13         13           SA1	SA1	21	0	662	13	13
SA1         22.5         0         682.9         13         13           SA1         23         0         688.85         13         13           SA1         23.5         0         694.8         13         13           SA1         24         0         701.05         13         13           SA1         24.5         0         707.3         13         13           SA1         25.5         0         711.6         13         13           SA1         25.5         0         715.9         13         13           SA1         26.5         0         715.9         13         13           SA1         26.5         0         715.9         13         13           SA1         26.5         0         721.4         13         13           SA1         27.5         0         721.4         13         13           SA1         27.5         0         727.5         13         13           SA1         28.5         0         731.4         13         13           SA1         29.5         0         735.7         13         13           SA1	SA1	21.5	0	668.4	13	13
SA1       23       0       688.85       13       13         SA1       23.5       0       694.8       13       13         SA1       24       0       701.05       13       13         SA1       24.5       0       707.3       13       13         SA1       25       0       711.6       13       13         SA1       25.5       0       715.9       13       13         SA1       26       0       718.65       13       13         SA1       26.5       0       721.4       13       13         SA1       26.5       0       721.4       13       13         SA1       27.5       0       724.45       13       13         SA1       27.5       0       727.5       13       13         SA1       28       0       729.45       13       13         SA1       28.5       0       731.4       13       13         SA1       29.5       0       735.7       13       13         SA1       30       0       736.65       13       13         SA1       30.5       0<	SA1	22	0	675.65	13	13
SA1       23.5       0       694.8       13       13         SA1       24       0       701.05       13       13         SA1       24.5       0       707.3       13       13         SA1       25       0       711.6       13       13         SA1       25.5       0       715.9       13       13         SA1       26       0       718.65       13       13         SA1       26.5       0       721.4       13       13         SA1       27       0       724.45       13       13         SA1       27.5       0       727.5       13       13         SA1       28       0       729.45       13       13         SA1       28.5       0       731.4       13       13         SA1       29       0       735.7       13       13         SA1       30       0       736.65       13       13         SA1       30.5       0       737.6       13       13         SA1       31       0       738.35       13       13         SA1       31       0	SA1	22.5	0	682.9	13	13
SA1       24       0       701.05       13       13         SA1       24.5       0       707.3       13       13         SA1       25       0       711.6       13       13         SA1       25.5       0       715.9       13       13         SA1       26       0       718.65       13       13         SA1       26.5       0       721.4       13       13         SA1       27       0       724.45       13       13         SA1       27.5       0       727.5       13       13         SA1       28       0       729.45       13       13         SA1       28.5       0       731.4       13       13         SA1       29.5       0       735.7       13       13         SA1       30       0       736.65       13       13         SA1       30.5       0       737.6       13       13         SA1       31       0       738.35       13       13         SA1       31       0       739.35       13       13         SA1       31       0	SA1	23	0	688.85	13	13
SA1       24.5       0       707.3       13       13         SA1       25       0       711.6       13       13         SA1       25.5       0       715.9       13       13         SA1       26       0       718.65       13       13         SA1       26.5       0       721.4       13       13         SA1       27       0       724.45       13       13         SA1       27.5       0       727.5       13       13         SA1       28       0       729.45       13       13         SA1       28.5       0       731.4       13       13         SA1       29       0       733.55       13       13         SA1       29.5       0       735.7       13       13         SA1       30       0       736.65       13       13         SA1       30.5       0       737.6       13       13         SA1       31.5       0       738.35       13       13         SA1       31.5       0       739.1       13       13         SA1       31.5       0<	SA1	23.5	0	694.8	13	13
SA1       25       0       711.6       13       13         SA1       25.5       0       715.9       13       13         SA1       26       0       718.65       13       13         SA1       26.5       0       721.4       13       13         SA1       27       0       724.45       13       13         SA1       27.5       0       727.5       13       13         SA1       28       0       729.45       13       13         SA1       28.5       0       731.4       13       13         SA1       29       0       733.55       13       13         SA1       29.5       0       735.7       13       13         SA1       30       0       736.65       13       13         SA1       30.5       0       737.6       13       13         SA1       31       0       738.35       13       13         SA1       31.5       0       739.1       13       13         SA1       31.5       0       739.1       13       13         SA1       32       0	SA1	24	0	701.05	13	13
SA1       25.5       0       715.9       13       13         SA1       26       0       718.65       13       13         SA1       26.5       0       721.4       13       13         SA1       27       0       724.45       13       13         SA1       27.5       0       727.5       13       13         SA1       28       0       729.45       13       13         SA1       28.5       0       731.4       13       13         SA1       29       0       733.55       13       13         SA1       29.5       0       735.7       13       13         SA1       30       0       736.65       13       13         SA1       30.5       0       737.6       13       13         SA1       31       0       738.35       13       13         SA1       31.5       0       739.1       13       13         SA1       32       0       742.9       13       13	SA1	24.5	0	707.3	13	13
SA1       26       0       718.65       13       13         SA1       26.5       0       721.4       13       13         SA1       27       0       724.45       13       13         SA1       27.5       0       727.5       13       13         SA1       28       0       729.45       13       13         SA1       28.5       0       731.4       13       13         SA1       29       0       733.55       13       13         SA1       29.5       0       735.7       13       13         SA1       30       0       736.65       13       13         SA1       30.5       0       737.6       13       13         SA1       31       0       738.35       13       13         SA1       31.5       0       739.1       13       13         SA1       32       0       742.9       13       13	SA1	25	0	711.6	13	13
SA1       26.5       0       721.4       13       13         SA1       27       0       724.45       13       13         SA1       27.5       0       727.5       13       13         SA1       28       0       729.45       13       13         SA1       28.5       0       731.4       13       13         SA1       29       0       733.55       13       13         SA1       29.5       0       735.7       13       13         SA1       30       0       736.65       13       13         SA1       30.5       0       737.6       13       13         SA1       31       0       738.35       13       13         SA1       31.5       0       739.1       13       13         SA1       31.5       0       739.1       13       13         SA1       32       0       742.9       13       13	SA1	25.5	0	715.9	13	13
SA1       27       0       724.45       13       13         SA1       27.5       0       727.5       13       13         SA1       28       0       729.45       13       13         SA1       28.5       0       731.4       13       13         SA1       29       0       733.55       13       13         SA1       29.5       0       735.7       13       13         SA1       30       0       736.65       13       13         SA1       30.5       0       737.6       13       13         SA1       31       0       738.35       13       13         SA1       31.5       0       739.1       13       13         SA1       32       0       742.9       13       13	SA1	26	0	718.65	13	13
SA1       27.5       0       727.5       13       13         SA1       28       0       729.45       13       13         SA1       28.5       0       731.4       13       13         SA1       29       0       733.55       13       13         SA1       29.5       0       735.7       13       13         SA1       30       0       736.65       13       13         SA1       30.5       0       737.6       13       13         SA1       31       0       738.35       13       13         SA1       31.5       0       739.1       13       13         SA1       32       0       742.9       13       13	SA1	26.5	0	721.4	13	13
SA1       28       0       729.45       13       13         SA1       28.5       0       731.4       13       13         SA1       29       0       733.55       13       13         SA1       29.5       0       735.7       13       13         SA1       30       0       736.65       13       13         SA1       30.5       0       737.6       13       13         SA1       31       0       738.35       13       13         SA1       31.5       0       739.1       13       13         SA1       32       0       742.9       13       13	SA1	27	0	724.45	13	13
SA1       28.5       0       731.4       13       13         SA1       29       0       733.55       13       13         SA1       29.5       0       735.7       13       13         SA1       30       0       736.65       13       13         SA1       30.5       0       737.6       13       13         SA1       31       0       738.35       13       13         SA1       31.5       0       739.1       13       13         SA1       32       0       742.9       13       13	SA1	27.5	0	727.5	13	13
SA1     29     0     733.55     13     13       SA1     29.5     0     735.7     13     13       SA1     30     0     736.65     13     13       SA1     30.5     0     737.6     13     13       SA1     31     0     738.35     13     13       SA1     31.5     0     739.1     13     13       SA1     32     0     742.9     13     13	SA1	28	0	729.45	13	13
SA1     29.5     0     735.7     13     13       SA1     30     0     736.65     13     13       SA1     30.5     0     737.6     13     13       SA1     31     0     738.35     13     13       SA1     31.5     0     739.1     13     13       SA1     32     0     742.9     13     13	SA1	28.5	0	731.4	13	13
SA1     30     0     736.65     13     13       SA1     30.5     0     737.6     13     13       SA1     31     0     738.35     13     13       SA1     31.5     0     739.1     13     13       SA1     32     0     742.9     13     13	SA1	29	0	733.55	13	13
SA1     30.5     0     737.6     13     13       SA1     31     0     738.35     13     13       SA1     31.5     0     739.1     13     13       SA1     32     0     742.9     13     13	SA1	29.5	0	735.7	13	13
SA1     31     0     738.35     13     13       SA1     31.5     0     739.1     13     13       SA1     32     0     742.9     13     13	SA1	30	0	736.65	13	13
SA1     31.5     0     739.1     13     13       SA1     32     0     742.9     13     13	SA1	30.5	0	737.6	13	13
SA1 32 0 742.9 13 13	SA1	31	0	738.35	13	13
	SA1	31.5	0	739.1	13	13
<b>SA1</b> 32.5 0 746.7 13 13	SA1	32	0	742.9	13	13
	SA1	32.5	0	746.7	13	13

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Region(s)	Forecasting	Lower	Upper	Delta lower	Delta raise
	horizon (Hrs)	reasonability limit	reasonability limit	reasonability limit	reasonability limit
SA1	33	0	748.95	13	13
SA1	33.5	0	751.2	13	13
SA1	34	0	753.6	13	13
SA1	34.5	0	756	13	13
SA1	35	0	759.7	13	13
SA1	35.5	0	763.4	13	13
SA1	36	0	766.35	13	13
SA1	36.5	0	769.3	13	13
SA1	37	0	772.85	13	13
SA1	37.5	0	776.4	13	13
SA1	38	0	778.65	13	13
SA1	38.5	0	780.9	13	13
SA1	39	0	794.55	13	13
SA1	39.5	0	808.2	13	13
SA1	40	0	810.35	13	13
SA1	40.5	0	812.5	13	13
SA1	41	0	814.3	13	13
SA1	41.5	0	816.1	13	13
SA1	42	0	816.85	13	13
SA1	42.5	0	817.6	13	13
SA1	43	0	820.65	13	13
SA1	43.5	0	823.7	13	13
SA1	44	0	824.9	13	13
SA1	44.5	0	826.1	13	13
SA1	45	0	827.2	13	13
SA1	45.5	0	828.3	13	13
SA1	46	0	829.35	13	13
SA1	46.5	0	830.4	13	13
SA1	47	0	830.25	13	13
SA1	47.5	0	830.1	13	13
SA1	48	0	830.95	13	13
SA1	48.5	0	831.8	13	13
SA1	49	0	831.9	13	13
SA1	49.5	0	832	13	13
SA1	50	0	821.05	13	13
SA1	50.5	0	810.1	13	13
SA1	51	0	824.8	13	13
SA1	51.5	0	839.5	13	13
SA1	52	0	840	13	13
SA1	52.5	0	840.5	13	13

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Region(s)	Forecasting	Lower	Upper	Delta lower	Delta raise
3(-)	horizon (Hrs)	reasonability limit	reasonability limit	reasonability limit	reasonability limit
SA1	53	0	842	13	13
SA1	53.5	0	843.5	13	13
SA1	54	0	845.3	13	13
SA1	54.5	0	847.1	13	13
SA1	55	0	846.9	13	13
SA1	55.5	0	846.7	13	13
SA1	56	0	846.55	13	13
SA1	56.5	0	846.4	13	13
SA1	57	0	846.95	13	13
SA1	57.5	0	847.5	13	13
SA1	58	0	846.3	13	13
SA1	58.5	0	845.1	13	13
SA1	59	0	842.9	13	13
SA1	59.5	0	840.7	13	13
SA1	60	0	841.75	13	13
SA1	60.5	0	842.8	13	13
SA1	61	0	844.1	13	13
SA1	61.5	0	845.4	13	13
SA1	62	0	846.75	13	13
SA1	62.5	0	848.1	13	13
SA1	63	0	852.6	13	13
SA1	63.5	0	857.1	13	13
SA1	64	0	860.95	13	13
SA1	64.5	0	864.8	13	13
SA1	65	0	869.3	13	13
SA1	65.5	0	873.8	13	13
SA1	66	0	874.95	13	13
SA1	66.5	0	876.1	13	13
SA1	67	0	878.25	13	13
SA1	67.5	0	880.4	13	13
SA1	68	0	881.5	13	13
SA1	68.5	0	882.6	13	13
SA1	69	0	884.9	13	13
SA1	69.5	0	887.2	13	13
SA1	70	0	888.5	13	13
SA1	70.5	0	889.8	13	13
SA1	71	0	890.15	13	13
SA1	71.5	0	890.5	13	13
SA1	72	0	890.5	13	13
TAS1	0.5	0	199.1	37	5

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Region(s)	Forecasting horizon (Hrs)	Lower reasonability limit	Upper reasonability limit	Delta lower reasonability limit	Delta raise reasonability limit
TAS1	norizon (Hrs)	reasonability limit	216.1	reasonability limit	reasonability limit
TAS1	1.5	0	233.1	37	5
TAS1	2	0	244.9	37	5
TAS1	2.5	0	256.7	37	5
TAS1	3	0	262.15	37	5
TAS1	3.5	0	267.6	37	5
TAS1	4	0	270.95	37	5
TAS1	4.5	0	274.3	37	5
TAS1	5	0	277	37	5
TAS1	5.5	0	279.7	37	5
TAS1	6	0	282.1	37	5
TAS1	6.5	0	284.5	10	5
TAS1	7	0	284.55	10	5
TAS1	7.5	0	284.6	10	5
TAS1	8	0	286.3	10	5
TAS1	8.5	0	288	10	5
TAS1	9	0	289.9	10	5
TAS1	9.5	0	291.8	10	5
TAS1	10	0	292.5	10	5
TAS1	10.5	0	293.2	10	5
TAS1	11	0	293.7	10	5
TAS1	11.5	0	294.2	10	5
TAS1	12	0	295.4	10	5
TAS1	12.5	0	296.6	10	5
TAS1	13	0	297.25	10	5
TAS1	13.5	0	297.9	10	5
TAS1	14	0	298.75	10	5
TAS1	14.5	0	299.6	10	5
TAS1	15	0	302.45	10	5
TAS1	15.5	0	305.3	10	5
TAS1	16 16.5	0	306.1 306.9	10	5
TAS1	17	0	306.9	10	5
TAS1	17.5	0	307.6	10	5
TAS1	17.5	0	310.55	10	5
TAS1	18.5	0	312.8	10	10
TAS1	19	0	320.9	10	10
TAS1	19.5	0	329	10	10
TAS1	20	0	330.75	10	10
TAS1	20.5	0	332.5	10	10
	20.0		002.0	10	10

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Region(s)	Forecasting	Lower	Upper	Delta lower	Delta raise
rtegion(s)	horizon (Hrs)	reasonability limit	reasonability limit	reasonability limit	reasonability limit
TAS1	21	0	334.3	10	10
TAS1	21.5	0	336.1	10	10
TAS1	22	0	337.05	10	10
TAS1	22.5	0	338	10	10
TAS1	23	0	339.7	10	10
TAS1	23.5	0	341.4	10	10
TAS1	24	0	342.05	10	10
TAS1	24.5	0	342.7	10	10
TAS1	25	0	343.35	10	10
TAS1	25.5	0	344	10	10
TAS1	26	0	345.35	10	10
TAS1	26.5	0	346.7	10	10
TAS1	27	0	347.6	10	10
TAS1	27.5	0	348.5	10	10
TAS1	28	0	348.85	10	10
TAS1	28.5	0	349.2	10	10
TAS1	29	0	350.05	10	10
TAS1	29.5	0	350.9	10	10
TAS1	30	0	351.05	10	10
TAS1	30.5	0	351.2	10	10
TAS1	31	0	352	10	10
TAS1	31.5	0	352.8	10	10
TAS1	32	0	354.05	10	10
TAS1	32.5	0	355.3	10	10
TAS1	33	0	356.7	10	10
TAS1	33.5	0	358.1	10	10
TAS1	34	0	359	10	10
TAS1	34.5	0	359.9	10	10
TAS1	35	0	361.25	10	10
TAS1	35.5	0	362.6	10	10
TAS1	36	0	364.6	10	10
TAS1	36.5	0	366.6	10	10
TAS1	37	0	368.05	10	10
TAS1	37.5	0	369.5	10	10
TAS1	38	0	370.1	10	10
TAS1	38.5	0	370.7	10	10
TAS1	39	0	368.6	10	10
TAS1	39.5	0	366.5	10	10
TAS1	40	0	369.3	10	10
TAS1	40.5	0	372.1	10	10

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Region(s)	Forecasting horizon (Hrs)	Lower reasonability limit	Upper reasonability limit	Delta lower reasonability limit	Delta raise reasonability limit
TAS1	41	0	372.15	10	10
TAS1	41.5	0	372.2	10	10
TAS1	42	0	370.7	10	10
TAS1	42.5	0	369.2	10	10
TAS1	43	0	369.75	10	10
TAS1	43.5	0	370.3	10	10
TAS1	44	0	370.8	10	10
TAS1	44.5	0	371.3	10	10
TAS1	45	0	371.85	10	10
TAS1	45.5	0	372.4	10	10
TAS1	46	0	373	10	10
TAS1	46.5	0	373.6	10	10
TAS1	47	0	374.55	10	10
TAS1	47.5	0	375.5	10	10
TAS1	48	0	375.25	10	10
TAS1	48.5	0	375	10	10
TAS1	49	0	374.4	10	10
TAS1	49.5	0	373.8	10	10
TAS1	50	0	374.3	10	10
TAS1	50.5	0	374.8	10	10
TAS1	51	0	374.35	10	10
TAS1	51.5	0	373.9	10	10
TAS1	52	0	373.75	10	10
TAS1	52.5	0	373.6	10	10
TAS1	53	0	374.05	10	10
TAS1	53.5	0	374.5	10	10
TAS1	54	0	373.9	10	10
TAS1	54.5	0	373.3	10	10
TAS1	55	0	376.85	10	10
TAS1	55.5	0	380.4	10	10
TAS1	56	0	380.2	10	10
TAS1	56.5	0	380	10	10
TAS1	57	0	380.6	10	10
TAS1	57.5	0	381.2	10	10
TAS1	58	0	381.5	10	10
TAS1	58.5	0	381.8	10	10
TAS1	59	0	381.3	10	10
TAS1	59.5	0	380.8	10	10
TAS1	60	0	380.75	10	10
TAS1	60.5	0	380.7	10	10

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Region(s)	Forecasting	Lower	Upper	Delta lower	Delta raise
1109.011(0)	horizon (Hrs)	reasonability limit	reasonability limit	reasonability limit	reasonability limit
TAS1	61	0	379.8	10	10
TAS1	61.5	0	378.9	10	10
TAS1	62	0	379.5	10	10
TAS1	62.5	0	380.1	10	10
TAS1	63	0	380.5	10	10
TAS1	63.5	0	380.9	10	10
TAS1	64	0	381.7	10	10
TAS1	64.5	0	382.5	10	10
TAS1	65	0	383.4	10	10
TAS1	65.5	0	384.3	10	10
TAS1	66	0	384.15	10	10
TAS1	66.5	0	384	10	10
TAS1	67	0	384	10	10
TAS1	67.5	0	384	10	10
TAS1	68	0	384.1	10	10
TAS1	68.5	0	384.2	10	10
TAS1	69	0	384.75	10	10
TAS1	69.5	0	385.3	10	10
TAS1	70	0	385.3	10	10
TAS1	70.5	0	385.3	10	10
TAS1	71	0	385.25	10	10
TAS1	71.5	0	385.2	10	10
TAS1	72	0	385.2	10	10
VIC1	0.5	0	547.9	93	12
VIC1	1	0	648.1	93	12
VIC1	1.5	0	748.3	93	12
VIC1	2	0	817.4	93	12
VIC1	2.5	0	886.5	93	12
VIC1	3	0	935.85	93	12
VIC1	3.5	0	985.2	93	12
VIC1	4	0	1028.65	93	12
VIC1	4.5	0	1072.1	93	12
VIC1	5	0	1116.15	93	12
VIC1	5.5	0	1160.2	93	12
VIC1	6	0	1200.7	93	12
VIC1	6.5	0	1241.2	25	12
VIC1	7	0	1271.7	25	12
VIC1	7.5	0	1302.2	25	12
VIC1	8	0	1292.85	25	12
VIC1	8.5	0	1283.5	25	12

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Region(s)	Forecasting horizon (Hrs)	Lower reasonability limit	Upper reasonability limit	Delta lower reasonability limit	Delta raise reasonability limit
VIC1	9	0	1303	25	12
VIC1	9.5	0	1322.5	25	12
VIC1	10	0	1335.1	25	12
VIC1	10.5	0	1347.7	25	12
VIC1	11	0	1350.5	25	12
VIC1	11.5	0	1353.3	25	12
VIC1	12	0	1364.3	25	12
VIC1	12.5	0	1375.3	25	12
VIC1	13	0	1378.75	25	12
VIC1	13.5	0	1382.2	25	12
VIC1	14	0	1373.3	25	12
VIC1	14.5	0	1364.4	25	12
VIC1	15	0	1376.8	25	12
VIC1	15.5	0	1389.2	25	12
VIC1	16	0	1394.75	25	12
VIC1	16.5	0	1400.3	25	12
VIC1	17	0	1409.9	25	12
VIC1	17.5	0	1419.5	25	12
VIC1	18	0	1421	25	12
VIC1	18.5	0	1422.5	25	25
VIC1	19	0	1428.7	25	25
VIC1	19.5	0	1434.9	25	25
VIC1	20	0	1441.1	25	25
VIC1	20.5	0	1447.3	25	25
VIC1	21	0	1456.45	25	25
VIC1	21.5	0	1465.6	25	25
VIC1	22	0	1469.75	25	25
VIC1	22.5	0	1473.9	25	25
VIC1	23	0	1478.45	25	25
VIC1	23.5	0	1483	25	25
VIC1	24	0	1487.3	25	25
VIC1	24.5	0	1491.6	25	25
VIC1	25	0	1498	25 25	25
VIC1	25.5 26	0	1504.4 1509.35	25	25 25
VIC1	26.5	0	1514.3	25	25 25
VIC1	26.5	0	1514.3	25	25
VIC1	27.5	0	1512.33	25	25
VIC1	28	0	1510.4	25	25
VIC1	28.5	0	1518.5	25	25
VICT	20.0	U	1010.0	25	25

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Region(s)	Forecasting horizon (Hrs)	Lower reasonability limit	Upper reasonability limit	Delta lower reasonability limit	Delta raise reasonability limit
VIC1	29	0	1525.4	25	25
VIC1	29.5	0	1532.3	25	25
VIC1	30	0	1535.15	25	25
VIC1	30.5	0	1538	25	25
VIC1	31	0	1541.3	25	25
VIC1	31.5	0	1544.6	25	25
VIC1	32	0	1551	25	25
VIC1	32.5	0	1557.4	25	25
VIC1	33	0	1559.95	25	25
VIC1	33.5	0	1562.5	25	25
VIC1	34	0	1565.55	25	25
VIC1	34.5	0	1568.6	25	25
VIC1	35	0	1567.8	25	25
VIC1	35.5	0	1567	25	25
VIC1	36	0	1566.1	25	25
VIC1	36.5	0	1565.2	25	25
VIC1	37	0	1559.65	25	25
VIC1	37.5	0	1554.1	25	25
VIC1	38	0	1544.05	25	25
VIC1	38.5	0	1534	25	25
VIC1	39	0	1537.65	25	25
VIC1	39.5	0	1541.3	25	25
VIC1	40	0	1551.45	25	25
VIC1	40.5	0	1561.6	25	25
VIC1	41	0	1571.35	25	25
VIC1	41.5	0	1581.1	25	25
VIC1	42	0	1591.9	25	25
VIC1	42.5	0	1602.7	25	25
VIC1	43	0	1604.7	25	25
VIC1	43.5	0	1606.7	25	25
VIC1	44	0	1611.1	25	25
VIC1	44.5	0	1615.5	25	25
VIC1	45	0	1618.4	25	25
VIC1	45.5	0	1621.3	25	25
VIC1	46	0	1628.45	25	25
VIC1	46.5	0	1635.6	25	25
VIC1	47	0	1639.75	25	25
VIC1	47.5	0	1643.9	25	25
VIC1	48	0	1648.7	25	25
VIC1	48.5	0	1653.5	25	25

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Region(s)	Forecasting	Lower	Upper	Delta lower	Delta raise
VICA	horizon (Hrs)	reasonability limit	reasonability limit	reasonability limit	reasonability limit
VIC1	49	0	1654 1654.5	25	25
VIC1	49.5	0	1656.9	25	25
VIC1	50 50.5	0	1659.3	25 25	25 25
VIC1	50.5	0	1658.25	25	25
VIC1	51.5	0	1657.2	25	25
VIC1	52	0	1658.85	25	25
VIC1	52.5	0	1660.5	25	25
VIC1	53	0	1661.65	25	25
VIC1	53.5	0	1662.8	25	25
VIC1	54	0	1677	25	25
VIC1	54.5	0	1691.2	25	25
VIC1	55	0	1698.35	25	25
VIC1	55.5	0	1705.5	25	25
VIC1	56	0	1710.55	25	25
VIC1	56.5	0	1715.6	25	25
VIC1	57	0	1721.2	25	25
VIC1	57.5	0	1726.8	25	25
VIC1	58	0	1731.9	25	25
VIC1	58.5	0	1737	25	25
VIC1	59	0	1738.9	25	25
VIC1	59.5	0	1740.8	25	25
VIC1	60	0	1743.95	25	25
VIC1	60.5	0	1747.1	25	25
VIC1	61	0	1751.05	25	25
VIC1	61.5	0	1755	25	25
VIC1	62	0	1756.3	25	25
VIC1	62.5	0	1757.6	25	25
VIC1	63	0	1762.75	25	25
VIC1	63.5	0	1767.9	25	25
VIC1	64	0	1771.5	25	25
VIC1	64.5	0	1775.1	25	25
VIC1	65	0	1777.1	25	25
VIC1	65.5	0	1779.1	25	25
VIC1	66	0	1779.15	25	25
VIC1	66.5	0	1779.2	25	25
VIC1	67	0	1786.75	25	25
VIC1	67.5	0	1794.3	25	25
VIC1	68	0	1794	25	25
VIC1	68.5	0	1793.7	25	25

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Region(s)	Forecasting horizon (Hrs)	Lower reasonability limit	Upper reasonability limit	Delta lower reasonability limit	Delta raise reasonability limit
VIC1	69	0	1791.85	25	25
VIC1	69.5	0	1790	25	25
VIC1	70	0	1791.6	25	25
VIC1	70.5	0	1793.2	25	25
VIC1	71	0	1796.55	25	25
VIC1	71.5	0	1799.9	25	25
VIC1	72	0	1799.9	25	25

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# Version release history

Version	Effective date	Summary of changes	
2.1	12 December 2018	AEMO delayed the deployment of the IT system changes to 12 December 2018 as a result of forecast conditions. A minor formatting correction in Table 2, Appendix C.	
2.0	6 December 2018	Update following consultation with changes to the definition of RXS, the inputs used to determine the prevailing conditions, and the confidence levels used to determine the FUM. The document style has been updated to the latest AEMO branding.	
1.0	16 January 2018	First issue for National Electricity Amendment (Declaration of lack of reserve conditions) Rule 2017	

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