

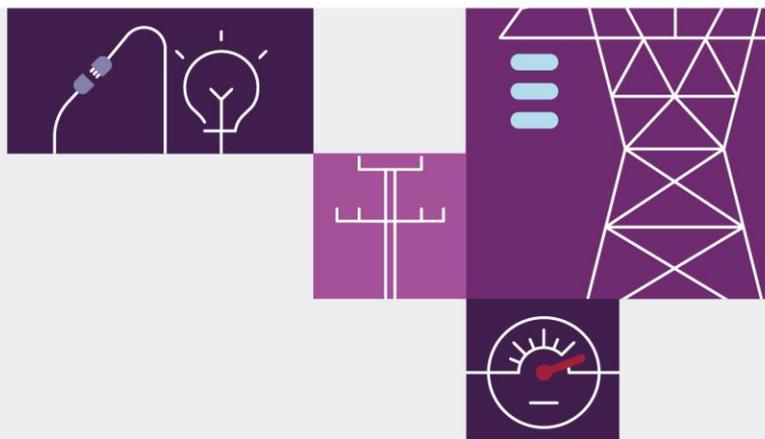
NEM Lack of Reserve Framework Report

1 April to
30 June 2022

July 2022

A report for the National Electricity
Market on the operation of the
Lack of Reserve Framework





Important notice

Purpose

AEMO has prepared this document under clause 4.8.4B of the National Electricity Rules to report on the operation of the NEM Lack of Reserve Framework for the period from 1 April to 30 June 2022.

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Version control

Version	Release date	Changes
1	29/7/2022	Initial release

Executive summary

This report has been published in accordance with clause 4.8.4B of the National Electricity Rules (NER).

In the reporting period 1 April 2022 to 30 June 2022 (Quarter 2 2022), AEMO declared a historical record of 406¹ individual Lack of Reserve (LOR) conditions in total in the National Electricity Market (NEM)². The reporting period included 10 days during which the spot market was suspended in all regions. Given the extraordinary nature of this period, AEMO has approached the LOR analysis in this report separately for the suspension and non-suspension periods.

Table 1 shows the number and type of LOR conditions declared in Quarter 2 2022.

Table 1 LOR conditions declared in Quarter 2 2022

LOR Declarations		Market Suspension (15 to 24 June)	Non-Market Suspension (1 April to 14 June; 25 to 30 June)	Total
LOR1	Actual	14	23	37
	Forecast	54	90	144
LOR2	Actual	10	8	18
	Forecast	86	56	142
LOR3	Actual	0	0	0
	Forecast	57	8	65
Total		221	185	406

This compares with 36 LOR conditions declared in the previous reporting period (Quarter 1 2022), and 73 LOR conditions declared for the same period last year (Quarter 2 2021)³.

Quarter 2 2022 covered the later autumn months and first month of winter:

- Across the NEM, most of the LOR declarations in this quarter were due to decreased generation availability (including energy limitations), and increased forecast demand.
- Many of the forecast LOR conditions did not eventuate into actual LOR conditions, mainly because the market response in the form of increased generation availability (including AEMO interventions) and revised forecast demand meant the actual demand was not as high as the forecast demand.
- The LOR conditions in New South Wales, Queensland and South Australia were mainly driven by decreased generation availability and high demand forecasts.
- The LOR conditions in Victoria were mainly due to decreased generation availability and reduced net import.

¹ Not including updates and re-issues, unless the LOR level changed. This figure understates the total number of LOR conditions in this reporting period. To cope with the very high number of LOR conditions occurring during the market suspension period, AEMO had to prioritise the issue of LOR2 and LOR3 market notices above LOR1 notices and reduced the frequency of issue.

² Forecast or actual LOR1, LOR2, or LOR3. LOR is described in clause 4.8.4 of the NER. AEMO's considerations and methodology, and the LOR levels, are outlined in AEMO's Reserve Level Declaration Guidelines, at <https://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Security-and-reliability/Power-system-operation>.

³ Previous quarterly reports are on AEMO's website at <https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/system-operations/power-system-operation/nem-lack-of-reserve-framework-quarterly-reports> https://aemo.com.au/-/media/files/electricity/nem/security_and_reliability/power_system_ops/lor-framework-quarterly-reports/2019/nem-lor-framework-report-qe-30sept19.pdf.

- The LOR conditions in Tasmania were mainly due to decreased generation availability.
- AEMO declared 221 LOR conditions during the market suspension period (15 to 24 June), representing 54% of all declarations in Quarter 2 2022.

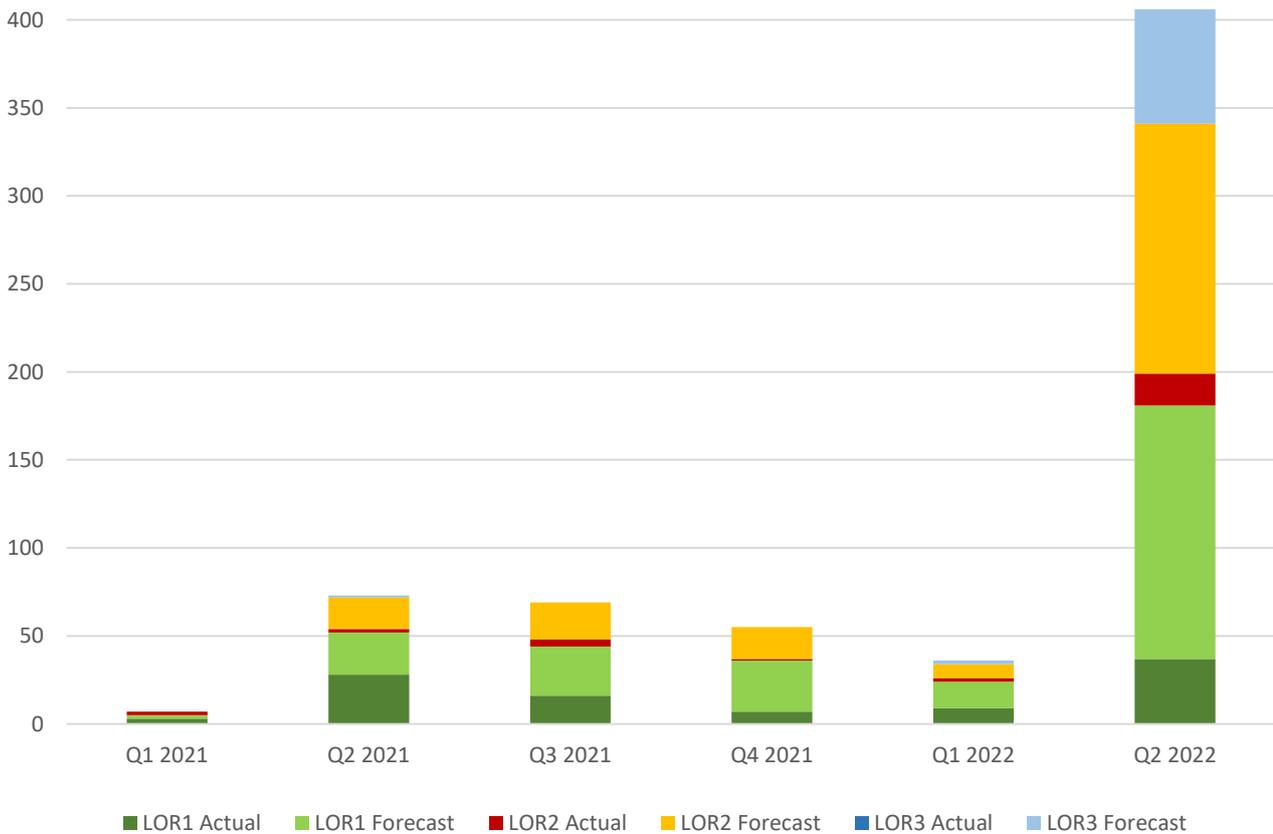
Of the 185 LOR declarations in Quarter 2 2022 (non-market suspension period):

- For 113 declarations, the reserve requirement was set by the sum of the two largest credible risks (LCR2, for LOR1 thresholds). There were 24 declarations where the reserve requirement was set by the largest credible risk (LCR, for LOR2 thresholds).
- There were 40 declarations (22%) where the reserve requirement was set by the Forecast Uncertainty Measure (FUM).

For comparison, in Quarter 1 2022, nine of the 36 LOR declarations were set by the FUM (25%), and in Quarter 2 2021, 17 of the 73 LOR declarations was set by the FUM (23%).

The graph below shows the historical trend of actual and forecast LOR conditions in past quarters from Quarter 1 2021 compared to the current quarter. The total number of LOR declarations increased significantly in this quarter, mainly due to decreased generation availability.

Figure 1 Quarterly comparison of actual and forecast LOR conditions, Q1 2021 to Q2 2022



The next report on the NEM Lack of Reserve Framework, for the reporting period 1 July 2022 to 30 September 2022, will be published by 31 October 2022.

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1 Introduction

This report has been published in accordance with clause 4.8.4B of the National Electricity Rules (NER), to provide a high-level analysis of how the Lack of Reserve (LOR) framework is operating. This report covers the period from 1 April to 30 June 2022 (Quarter 2 2022).

Unless otherwise noted, all times in this report are National Electricity Market (NEM) time (Australian Eastern Standard Time [AEST]).

The report is divided into three sections:

- **Reserve Level Declaration Guidelines** – a summary of changes to the Guidelines over the past quarter, and the retraining of the Bayesian Belief Network (BBN).
- **LOR conditions declared** – details of all LOR conditions declared or revised during the past quarter (based on market notices). For each condition declared, the report indicates the required reserve level and whether the requirement was set by the Forecast Uncertainty Measure (FUM), or the largest credible risk/s (LCR) in the region. The reserve requirement can be set by the largest credible risk (LCR, for LOR2 conditions) or the sum of the two largest credible risks (LCR2, for LOR1 thresholds). The FUM value for each relevant period is also provided.
- **Review of performance** – a review of the performance of the LOR framework and any observed trends, providing an assessment of FUM values compared to previous quarters, determinants of reserve level requirements, number of LOR declarations, and leading factors or causes of LOR declarations.

Please direct all LOR inquiries to www.aemo.com.au/Contact-us. In the inquiry form field 'What is your enquiry regarding?', write "**LOR Framework Report**".

The next report on the NEM Lack of Reserve Framework, for the reporting period 1 July 2022 to 30 September 2022, will be published by 31 October 2022.

2 Reserve level declaration guidelines

2.1 Changes in the reporting period

During the reporting period, there were no changes to the Guidelines⁴.

2.2 Retraining of the Bayesian Belief Network

The BBN is the algorithm which determines the FUM, which in turn can determine LOR levels. This process is summarised in the Guidelines. The intention of retraining the BBN is to update the network to include recent historical data since the last retraining. AEMO commenced the retraining in July 2022 to include data up to 30 June 2022. The retraining involves a three-stage process:

1. Extract-Transform-Load (ETL) stage, to extract historical data up to 30 June 2022, perform data validation and cleansing, and compile the data into the structured format required to incorporate into the network.
2. Analysis and modelling stage, to update the network and compile the network nodes.
3. Test and verification stage, to ensure the retrained network is suitable for production implementation.

AEMO is in the final stage of retraining and plans to implement the retrained BBN into production shortly, pending final verification and readiness checks in the pre-production environment.

2.2.1 Results from retraining

To verify the retraining, AEMO completed a backcast of all forecast intervals from April 2021 to March 2022, inclusive, using the existing BBN and the retrained BBN. The intention of the backcast is to provide an indication of the magnitude of changes to future FUM values.

Changes in 90th, 50th (median) and 10th percentiles FUM values between the existing and retrained BBN backcasts are listed below. Minor changes were identified for some other forecast horizons and distribution statistics but are not listed here. Maximum, mean and minimum values are to still be included in visuals for review of actual FUM values in Section 4.1 of this report.

- New South Wales – 90th percentile FUM values decreased by 94 megawatts (MW) and increased by 94 MW for the 10th percentile, for the 60 hours ahead forecast horizon. 90th and 10th percentile FUM values for all other forecast horizons (two, six, 12 and 24 hours ahead) were relatively unchanged. Median percentile FUM values were also relatively unchanged.
- Queensland – 90th and median percentile FUM values decreased by 30 MW and 34 MW respectively, for the 24 hours ahead forecast horizon. 10th percentile FUM values increased by 42 MW for the 60 hours ahead forecast horizon. 90th, median, and 10th percentile FUM values for all other forecast horizons were relatively unchanged.

⁴ The Guidelines are at <http://aemo.com.au/Electricity/National-Electricity-Market-NEM/Security-and-reliability/Power-system-operation>.

- South Australia – 90th, median, and 10th percentile FUM values were relatively unchanged for all forecast horizons.
- Tasmania – 90th percentile FUM values decreased by 12 MW and 10 MW for the two and 60 hours ahead forecast horizon respectively and increased by 24 MW for the 12 hours ahead forecast horizon. Median FUM values decreased by 3 MW and 6 MW for the two and 60 hours ahead forecast horizon respectively and increased by 6 MW for the six hours ahead forecast horizon. 10th percentile FUM values increased by 12 MW for the two hours ahead forecast horizon.
- Victoria – 90th, median, and 10th percentile FUM values were relatively unchanged for all forecast horizons.

3 Lack of Reserve conditions declared

Table 2 provides a high-level summary of the counts of forecast and actual LOR conditions for the non-market suspension period (Quarter 2 2022 excluding 15-24 June) based on the declaration count principles.

Table 3 lists all market notice declarations of forecast and actual LOR conditions for the non-market suspension period. It also identifies the market notices that communicated significant⁵ updates to, and cancellation of, either forecast or actual LOR conditions.

Market suspension period

LOR conditions declared in the period of market suspension from 15 to 24 June 2022 have been excluded from the detailed summary and analysis in Table 2 and Table 3 given the extraordinary nature of this period.

Compared with 185 declarations in the rest of the quarter, during the market suspension period there were 221 LOR condition declarations, based on the count principles below and with reduced LOR1 declarations. A summary of the 221 LOR condition declarations in the market suspension period by level and region is included in Section 4.2. Section 4.5 provides a description of reserve conditions leading up to and through the market suspension period, and the primary causes of associated lack of reserve conditions. These events will also be subject to reporting by AEMO under other provisions of the NER.

Declaration count principles

For the reporting period, AEMO determined the total count for LOR conditions based on the following principles:

- All market notices making the initial declaration of a forecast or actual LOR condition with an effective date during the reporting period were counted.
- Any market notices which updated previously issued forecast or actual LORs at the same level for a given effective date (in relation to the reserve requirement, reserve capacity available, or effective period) were not counted, to prevent double-counting of a continuing condition.
- In cases where forecast LORs were cancelled but subsequently re-issued with approximately the same effective period, re-issues were not counted, to prevent double-counting of effective periods.
- Updates to existing LOR conditions where the LOR level changed were counted as separate LOR conditions.
- Any forecast LORs which were subsequently declared as actual LORs at the same LOR level were counted once. In Table 2, these are shown as actual conditions only. For example:
 - Where a forecast LOR1 was issued and later an actual LOR1 was declared for a similar period, only the actual LOR1 was counted.
 - If the initial forecast was for a forecast LOR2 condition and this was later declared as an actual LOR1, this would be counted as two LOR conditions, due to the differing LOR levels.

⁵ For this quarterly report, given the large volumes, AEMO has not included all update notices in Table 3. Significant updates are considered as changes of at least 120 MWs (QLD), 190 MW (NSW), 125 MW (VIC), 65 MW (SA), 50 MW (TAS), or a difference of at least two 30 minute intervals in effective period.

- Continuous LOR conditions which spanned multiple periods throughout a day are counted as individual LOR declarations for each period covered. For this purpose, a NEM trading day is split into four 6-hour periods: morning peak covers 0400 hrs to 1000 hrs, mid-day covers 1000 hrs to 1600 hrs, evening peak covers 1600 hrs to 2200 hrs, and overnight covers 2200 hrs to 0400 hrs on the next day⁶. The maximum count allocated to each trading day is four.

⁶ This is due to trading day rather than calendar day to prevent double-counting of a continuous condition.

Table 2 Summary of forecast and actual LOR conditions, with causing factors⁷

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
07/04/2022	NSW		1		1			<p>A forecast LOR2 was declared with an effective period 15:30 - 16:00 (38 hour lead time) due to decreased generation availability.</p> <p>The forecast LOR2 condition was cancelled due to increased generation availability and decreased forecast demand.</p> <p>A forecast LOR1 was declared with an effective period 15:00 - 16:00 (28 hour lead time) due to reduced net import.</p> <p>The forecast LOR1 was cancelled due to increased generation availability and increased net import.</p>
03/05/2022	NSW		1					<p>A forecast LOR1 was declared with an effective period 17:30 - 18:30 (5 hour lead time) due to decreased generation availability.</p> <p>An update to the forecast LOR1 was issued due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to reduced net import.</p> <p>An update to the forecast LOR1 was issued due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased net import.</p> <p>The forecast LOR1 was cancelled due to increased generation availability.</p>
04/05/2022	NSW	1						<p>A forecast LOR1 was declared with an effective period 17:30-18:30 (2 hour lead time) due to increased forecast demand.</p> <p>An update to the forecast LOR1 was issued due to a change in forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.</p> <p>An actual LOR1 was declared due to decreased generation availability.</p> <p>The actual LOR1 was cancelled when the effective period elapsed.</p>
05/05/2022	NSW		1					<p>A forecast LOR1 was declared with an effective period 17:30-18:30 (29 hours lead time) due to reduced net import.</p> <p>An update to the forecast LOR1 was issued due to a change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased net import.</p> <p>The forecast LOR1 was cancelled due to increased generation availability.</p>
06/05/2022	NSW	1						<p>A forecast LOR1 was declared with an effective period 18:00-18:30 (24 hours lead time) due to reduced net import.</p> <p>The forecast LOR1 was cancelled and re-declared several times due to changes in net imports.</p>

⁷ Table 2 covers LOR conditions outside of the market suspension period (15 to 24 June 2022).

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								An actual was LOR1 declared due to decreased generation availability. Actual conditions existed from 17:00-20:00. The actual LOR1 was cancelled when the effective period elapsed.
07/05/2022	NSW	1						An actual LOR1 was declared due to decreased net import. Actual conditions existed from 17:30-18:30. The actual LOR1 was cancelled when the effective period elapsed.
08/05/2022	NSW		1					A forecast LOR1 was declared with an effective period 17:30-18:30 due to decreased generation availability and reduced net import (28 hours lead time). The forecast LOR1 was cancelled and re-declared several times due to changes in net imports. The forecast LOR1 was cancelled due to increased generation availability and increased net import.
09/05/2022	NSW	1			1			A forecast LOR2 was declared for the evening peak due to decreased generation availability (31 hours lead time). Additional forecast LOR1s were declared for the evening peak due to decreased generation availability and reduced net import (28 hours lead time). The forecast LOR2 was cancelled due to increased generation availability. Forecast LOR1 conditions were updated several times, worsening due to reduced net import and decreasing generation availability. A forecast LOR2 was redeclared for the evening peak due to decreased generation availability (3 hours lead time). Forecast LOR1 conditions were updated several times, improving due to increased generation availability and increased net import. The forecast LOR2 was cancelled due to increased generation availability and increased net import. Forecast LOR1 conditions were updated, worsening due to reduced net import and decreasing generation availability. An actual LOR1 was declared due to decreased generation availability starting at 17:00. A forecast LOR2 was declared with effective period 17:30-18:00 due to decreased generation availability (30 minute lead time). The forecast LOR2 was cancelled due to increased generation availability. The actual LOR1 was cancelled when the effective period elapsed. Actual conditions existed from 17:00-20:00.
10/05/2022	NSW	1						A forecast LOR1 was declared with effective period 17:30-18:30 due to decreased generation availability (20 hours lead time).

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								An actual LOR1 was declared due to decreased generation availability. Actual conditions existed from 17:30-19:00. The actual LOR1 was cancelled when the effective period elapsed.
30/05/2022	NSW		1					A forecast LOR1 was declared with effective period 17:30-18:00 due to reduced net import (2 hours lead time). The forecast LOR1 was cancelled due to increased net import.
31/05/2022	NSW	1	1					Morning Peak: A forecast LOR1 was declared with effective period 7:30-8:30 due to reduced net import (less than 30 minutes lead time). The forecast LOR1 was cancelled due to increased generation availability. Evening Peak: A forecast LOR1 was declared with effective period 17:00-20:00 due to decreased generation availability (22 hours lead time). The forecast LOR1 was cancelled due to increased generation availability. A forecast LOR1 was declared with effective period 17:00-20:00 due to decreased generation availability and increased forecast demand (less than 30 minutes lead time). An actual LOR1 was declared for this period, due to decreased generation availability. The actual LOR1 was cancelled when the effective period elapsed.
01/06/2022	NSW		1		1			A forecast LOR2 was declared with effective period 18:00-18:30 due to increased forecast demand (61 hours lead time). The forecast LOR2 was cancelled several times and then re-declared as an LOR1 due to changes in forecast demand and generation availability. The forecast LOR1 was finally cancelled due to increased generation availability.
02/06/2022	NSW		1		2			Morning Peak: A forecast LOR2 was declared for the morning peak due to decreased generation availability (59 hours lead time). An update was issued for the morning peak LOR2 due to a change in reserve level. The LOR2 condition improved due to decreased FUM value. The forecast LOR2 was cancelled due to increased generation availability. Evening Peak: A forecast LOR2 was declared for the evening peak due to decreased generation availability (59 hours lead time). Several updates were issued for the evening peak LOR2 due to changes in effective period and reserve level. The LOR2 condition worsened and improved across updates as generation availability and FUM value changed.

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								A forecast LOR1 was declared for the afternoon peak due to decreased generation availability (50 hours lead time). Forecast LOR1 and LOR2 conditions were finally cancelled due to increased generation availability.
03/06/2022	NSW		1		1			A forecast LOR2 was declared for the evening peak due to decreased generation availability (28 hours lead time). The forecast LOR2 was cancelled due to increased generation availability. A forecast LOR1 was declared for the evening peak due to decreased generation availability. The forecast LOR1 was cancelled and re-declared several times due to changes in generation availability. The forecast LOR1 was cancelled due to increased generation availability.
06/06/2022	NSW		1		1			Forecast LOR1 and LOR2 conditions were declared over the evening peak due to decreased generation availability (6 day lead time). The forecast LOR1 and LOR2 were cancelled due to increased generation availability.
07/06/2022	NSW		1		1			Forecast LOR1 and LOR2 conditions were declared over the evening peak due to decreased generation availability (7 day lead time). LOR1 and LOR2 forecasts were updated several times due to changing effective periods and forecast reserve levels. The forecast LOR1 and LOR2 conditions were cancelled due to increased generation availability.
08/06/2022	NSW	1	1					Morning Peak: A forecast LOR1 was declared for the morning peak due to decreased generation availability (15 hours lead time). The forecast morning peak LOR1 was re-declared several times before being cancelled due to increased generation availability. Evening Peak: Forecast LOR1 conditions were declared for the evening peak due to decreased generation availability (7 day lead time). An actual LOR1 was declared from 18:00-18:30 due to decreased net export. The actual LOR1 was cancelled when the effective period elapsed.
09/06/2022	NSW		2		1			Morning Peak: A forecast LOR1 for the morning peak was declared and cancelled due to changing generation availability. Evening Peak:

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								<p>A forecast LOR2 was declared and cancelled multiple times for the evening peak due to changing FUM value.</p> <p>A forecast LOR1 for the evening peak was declared, updated and cancelled multiple times due to changing generation availability.</p>
10/06/2022	NSW	1	1		2			<p>Morning Peak:</p> <p>A forecast LOR2 was declared for the morning peak due to increased FUM value (46 hours lead time).</p> <p>The forecast LOR2 was cancelled due to decreased FUM value, and redeclared as a forecast LOR1 due to decreased generation availability (18 hours lead time).</p> <p>Morning LOR declarations were updated multiple times due to changing generation availability.</p> <p>An actual LOR1 was declared due to decreased generation availability. Actual conditions existed from 8:30-9:00.</p> <p>The actual LOR1 was cancelled when the effective period elapsed.</p> <p>Evening Peak:</p> <p>Forecast LOR1 and LOR2 conditions were declared for the evening peak due to decreased generation availability (24 hours lead time).</p> <p>Evening LOR declarations were updated multiple times due to changing generation availability.</p> <p>The forecast LOR1 and LOR2 conditions were cancelled due to increased generation availability.</p>
11/06/2022	NSW		1					<p>A forecast LOR1 was declared with effective period 18:00-18:30 due to decreased generation availability (26 hours lead time).</p> <p>The forecast LOR1 was cancelled and re-declared due to a change in effective period and forecast reserve level (10 hours lead time).</p> <p>The forecast LOR1 condition worsened due to reduced net import.</p> <p>The forecast LOR1 was eventually cancelled due to increased generation availability.</p>
13/06/2022	NSW	2		1	1			<p>Evening Peak:</p> <p>Forecast LOR1 and LOR2 conditions were declared for the evening peak due to decreased generation availability (28 hours lead time).</p> <p>The forecast LOR1 and LOR2 conditions were updated, cancelled and re-declared several times due to changing generation availability.</p> <p>An actual LOR1 was declared due to decreased generation availability and reduced net imports. Actual conditions existed from 17:00-17:30.</p> <p>An actual LOR2 was declared due to decreased generation availability and reduced net imports. Actual conditions existed from 17:30-19:00.</p>

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								<p>Overnight: An actual LOR1 was declared due to decreased generation availability and reduced net imports with no prior forecasts. Actual conditions existed from 23:00-00:00. A forecast LOR2 was declared due to decreased generation availability. The forecast LOR2 condition was cancelled due to increased generation availability. The actual LOR1 condition was cancelled when the effective period elapsed.</p>
14/06/2022	NSW	1	3	2	1		1	<p>Morning Peak: A forecast LOR2 condition was declared over the morning peak due to decreased generation availability (18 hour lead time). The forecast conditions were updated, cancelled and re-declared several times due to changing generation availability. An actual LOR2 was declared due to decreased generation availability and reduced net imports. Actual conditions existed from 7:30-8:30. The actual LOR2 condition was cancelled when the effective period elapsed.</p> <p>Midday: An actual LOR1 was declared due to decreased generation availability and reduced net imports. Actual conditions existed from 11:00-12:00. The actual LOR1 condition was cancelled when the effective period elapsed.</p> <p>Evening Peak: Forecast LOR1 and LOR2 conditions were declared for the evening peak due to decreased generation availability. The forecast conditions were updated, cancelled and re-declared several times due to changing generation availability. An actual LOR2 was declared due to decreased generation availability and reduced net imports. Actual conditions existed from 18:00-19:30. Forecast LOR3 conditions were declared for overnight due to decreased generation availability. The forecast conditions were updated, cancelled and re-declared several times due to changing generation availability.</p>
24/06/2022	NSW		1					<p>A forecast LOR1 condition was declared for effective period 20:00-20:30 due to decreased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability.</p>
27/06/2022	NSW		4		2			<p>Forecast LOR1 conditions were declared for effective periods 4:00-20:00 and 21:30-00:00 due to decreased generation availability (7 day lead time).</p>

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								Forecast LOR2 conditions were then declared for effective periods 9:30-10:00 and 20:00-21:30 due to decreased generation availability. The forecast LOR1 and LOR2 conditions were cancelled due to increased generation availability.
28/06/2022	NSW		1		1			Forecast LOR1 and LOR2 conditions were declared for the evening peak due to decreased generation availability. The forecast LOR1 and LOR2 conditions were cancelled due to increased generation availability.
04/04/2022	QLD		1		1			A forecast LOR1 condition was declared with an effective period of 17:30 - 19:00 (6 day lead time) due to decreased generation availability and increased forecast demand. A forecast LOR2 condition was declared with an effective period of 17:30 - 18:30 (5 day lead time) as decreased generation availability and increased forecast demand caused LOR1 conditions to worsen to LOR2. The forecast LOR2 condition was cancelled due to increased generation availability. Several updates to the forecast LOR1 condition were issued with similar effective periods. The forecast LOR1 condition improved or worsened due to change in generation availability. The forecast LOR1 condition was cancelled due to decreased demand forecast and increased generation availability.
05/04/2022	QLD	1			1			A forecast LOR1 condition was declared with an effective period of 17:30 - 18:00 (7 day lead time) due to decreased generation availability and increased forecast demand. A forecast LOR2 condition was declared with an effective period of 17:30 - 18:30 (7 day lead time) as increased forecast demand caused LOR1 conditions to worsen to LOR2. The forecast LOR1 and LOR2 condition were cancelled and redeclared several times for similar effective periods due to change in generation availability. The forecast LOR2 condition was cancelled due to increased generation availability. An actual LOR1 was declared due to decreased generation availability. Actual conditions existed from 17:30 - 19:30. The actual LOR1 was cancelled when the effective period elapsed.
06/04/2022	QLD		1					A forecast LOR1 condition was declared with an effective period of 17:30 - 18:30 (6 day lead time) due to decreased generation availability. Several updates to the forecast LOR1 condition were issued with similar effective periods. The forecast LOR1 condition improved or worsened due to change in generation availability and forecast demand. The forecast LOR1 condition was cancelled due to increased generation availability and decreased demand forecast.

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
07/04/2022	QLD		1					<p>A forecast LOR1 condition was declared with an effective period of 18:00 - 19:00 (7 day lead time) due to decreased generation availability.</p> <p>An update to the forecast LOR1 condition was issued with different effective period of 17:30 - 18:30 (5 day lead time). The forecast LOR1 condition changed due to changes in generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability and decreased demand forecast.</p>
11/04/2022	QLD		1					<p>A forecast LOR1 condition was declared with an effective period of 17:30 - 19:30 (7 day lead time) due to decreased generation availability.</p> <p>Several updates to the forecast LOR1 condition were issued with similar effective periods. The forecast LOR1 condition improved due to increased generation availability and a decrease in forecast demand.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p>
28/04/2022	QLD		1					<p>A forecast LOR1 condition was declared with an effective period of 17:30 - 18:00 (15 hour lead time) due to decreased generation availability.</p> <p>The forecast LOR1 condition was cancelled and redeclared several times for similar effective periods due to change in generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability and decreased demand forecast.</p>
03/05/2022	QLD	1						<p>A forecast LOR1 condition was declared with an effective period of 17:30 - 19:00 (2 hour lead time) due to decreased generation availability.</p> <p>An update to the forecast LOR1 condition was issued with an effective period of 17:30 - 18:30 (34 minute lead time). The forecast LOR1 condition improved due to increased generation availability.</p> <p>An actual LOR1 was declared due to decreased generation availability. Actual conditions existed from 17:30 - 19:00.</p> <p>The actual LOR1 was cancelled when the effective period elapsed.</p>
04/05/2022	QLD		1					<p>A forecast LOR1 condition was declared with an effective period of 17:30 - 18:30 (51 hour lead time) due to decreased generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability and decreased forecast demand.</p>
05/05/2022	QLD		1		1			<p>A forecast LOR1 condition was declared with an effective period of 17:30 - 18:30 (3 day lead time) due to decreased generation availability.</p> <p>A forecast LOR2 condition was declared with an effective period of 17:30 - 18:00 (28 hour lead time) as reduced net import caused LOR1 conditions to worsen to LOR2.</p> <p>The forecast LOR2 condition was cancelled due to increased generation availability.</p>

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								<p>Several updates to the forecast LOR1 condition were issued with similar effective periods. The forecast LOR1 condition improved due to increased generation availability and decreased forecast demand.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability and decreased forecast demand.</p>
06/05/2022	QLD		1					<p>A forecast LOR1 condition was declared with an effective period of 18:00 - 18:30 (3 hour lead time) due to increased demand forecast and reduced net import.</p> <p>The forecast LOR1 condition was cancelled and redeclared several times for similar effective periods due to change in generation availability and forecast demand.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability and decreased demand.</p>
09/05/2022	QLD		1					<p>A forecast LOR1 condition was declared with an effective period of 17:30 - 18:00 (4 hour lead time) due to reduced net import.</p> <p>Several updates to the forecast LOR1 conditions were issued with similar effective periods. The forecast LOR1 conditions improved or worsened due to change in net import and forecast demand.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability and decreased demand.</p>
12/05/2022	QLD				1			<p>A forecast LOR2 condition was declared with an effective period of 8:30 - 9:00 (43 hour lead time) due to decreased generation availability.</p> <p>The forecast LOR2 condition was cancelled due to increased generation availability.</p>
15/05/2022	QLD		1					<p>A forecast LOR1 condition was declared with an effective period of 17:30 - 18:00 (29 hour lead time) due to decreased generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p>
16/05/2022	QLD	1			1			<p>A forecast LOR1 condition was declared with an effective period of 17:00 - 19:00 (3 day lead time) due to decreased generation availability.</p> <p>A forecast LOR2 condition was declared with an effective period of 17:00 - 19:00 (68 hour lead time). The forecast LOR2 condition was due to increased FUM value. FUM set the LOR2 trigger level.</p> <p>Several updates to the forecast LOR1 and LOR2 conditions were issued with similar effective periods. The forecast LOR1 and LOR2 conditions improved or worsened due to change in generation availability, net import and forecast demand</p> <p>The forecast LOR2 condition was cancelled due to increased generation availability.</p> <p>An actual LOR1 was declared due to decreased generation availability and demand was 300 MW higher than initially forecasted. Actual conditions existed from 17:00 - 19:00.</p> <p>The actual LOR1 was cancelled when the effective period elapsed.</p>

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
17/05/2022	QLD		1		1			<p>A forecast LOR1 condition was declared with an effective period of 17:00 - 18:30 (4 day lead time) due to decreased generation availability.</p> <p>A forecast LOR2 condition was declared with an effective period of 18:00 - 18:30 (70 hour lead time). The forecast LOR2 condition was due to increased FUM value. FUM set the LOR2 trigger level.</p> <p>The forecast LOR2 condition effective period 17:00 - 19:00 expanded due to more of the low reserve period entered the 72 hour window where FUM exists. FUM set the LOR2 trigger level.</p> <p>The forecast LOR1 and LOR2 condition was cancelled and redeclared several times for similar effective periods due to change in generation availability and net import.</p> <p>Several updates to the forecast LOR1 and LOR2 conditions were issued with similar effective periods. The forecast LOR1 and LOR2 conditions improved or worsened due to change in generation availability, net import and forecast demand.</p> <p>The forecast LOR2 condition was cancelled due to increased net import.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p>
18/05/2022	QLD				2			<p>A forecast LOR2 condition was declared with an effective period of 6:00 - 11:00 (64 hour lead time). The forecast LOR2 condition was due to increased FUM value. FUM set the LOR2 trigger level.</p> <p>An update was issued to the LOR2 forecast with an effective period of 07:00 – 11:30 due to increased FUM.</p> <p>A forecast LOR2 condition was declared with an effective period of 12:30 - 13:30 (63 hour lead time) due to increased FUM.</p> <p>The forecast LOR2 conditions were cancelled due to increased generation availability.</p>
20/05/2022	QLD		1					<p>A forecast LOR1 condition was declared with an effective period of 8:00 - 8:30 (41 hour lead time) due to decreased generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p>
02/06/2022	QLD		1		1			<p>A forecast LOR2 condition was declared with an effective period of 17:30 - 20:00 (50 hour lead time) due to reduced net import.</p> <p>A forecast LOR1 conditions were declared with an effective period of 17:00 - 17:30, 20:00 - 20:30 (50 hour lead time) due to reduced net import.</p> <p>Several updates to the forecast LOR2 condition were issued with similar effective periods. The forecast LOR2 condition improved due to increased generation availability.</p> <p>The forecast LOR2 condition was cancelled due to increased generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability and increased net import.</p>

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
03/06/2022	QLD		1		1			<p>A forecast LOR2 condition was declared with an effective period of 18:00 - 18:30 (29 hour lead time) due to reduced net import.</p> <p>A forecast LOR1 conditions were declared with an effective period of 17:30 - 18:00, 18:30 - 19:30 (29 hour lead time) due to reduced net import.</p> <p>The forecast LOR2 condition was cancelled due to increased net import.</p> <p>The forecast LOR1 condition was cancelled due to increased net import.</p>
06/06/2022	QLD		1		1			<p>A forecast LOR2 condition was declared with an effective period of 17:30 - 18:00 (7 day lead time) due to reduced net import.</p> <p>The forecast LOR2 condition was cancelled due to increased net import.</p> <p>A forecast LOR1 conditions were declared with an effective period of 17:00 - 19:00 (6 day lead time) due to reduced net import.</p> <p>Several updates to the forecast LOR1 condition were issued with similar effective periods. The forecast LOR1 condition improved or worsened due to change in generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p>
07/06/2022	QLD		1		1			<p>A forecast LOR1 conditions were declared with an effective period of 17:30 - 19:30 (7 day lead time) due to reduced net import.</p> <p>A forecast LOR2 condition was declared with an effective period of 18:30 - 19:00 (7 day lead time) due to reduced net import.</p> <p>The forecast LOR2 and LOR1 conditions were cancelled due to increased net import and increased generation availability.</p>
08/06/2022	QLD		1					<p>A forecast LOR1 condition was declared with an effective period of 18:30 - 19:00 (7 day lead time) due to decreased generation availability and reduced net import.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p>
09/06/2022	QLD	1						<p>An actual LOR1 was declared due to reduced net import and decreased generation availability. Actual conditions existed from 17:30 - 18:00.</p> <p>The actual LOR1 was cancelled when the effective period elapsed.</p>
10/06/2022	QLD	1		1				<p>A forecast LOR1 condition was declared with an effective period of 17:30 - 18:00 (6 minute lead time) due to decreased generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p> <p>An actual LOR2 was declared due to sudden decreased generation availability and reduced net import.</p> <p>The actual LOR2 was cancelled when the effective period elapsed.</p> <p>An actual LOR1 was declared due to sudden decreased generation availability and reduced net import.</p>

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								The actual LOR1 was cancelled when the effective period elapsed.
12/06/2022	QLD	1		1				<p>An actual LOR1 was declared due decreased generation availability and increased demand. Actual conditions existed from 17:30 - 18:00.</p> <p>An actual LOR2 was declared due to decreased generation availability and demand was 500 MW higher than initially forecasted. Actual conditions existed from 20:30 - 22:30.</p> <p>The actual LOR1 was cancelled when the effective period elapsed.</p> <p>The actual LOR2 was cancelled when the effective period elapsed.</p>
13/06/2022	QLD	1	2	3			1	<p>The events are covered in detail in the Market Suspension Report which will be published in August 2022.</p> <p>Morning Peak:</p> <p>A forecast LOR1 condition was declared with an effective period of 06:00 - 07:00 (8 hour lead time) due to decreased generation availability.</p> <p>Several forecast LOR2 conditions were declared with changes in effective period due to decreased generation availability.</p> <p>Several updates were issued to the forecast LOR1 conditions with changes in effective period due to decreased generation availability.</p> <p>An actual LOR1 condition was declared due to decreased generation availability. Actual conditions existed from 05:30 - 08:00.</p> <p>An actual LOR2 condition was declared due to decreased generation availability. Actual conditions existed from 06:00 - 08:00.</p> <p>The actual LOR2 was cancelled when the effective period elapsed.</p> <p>The actual LOR1 was cancelled when the effective period elapsed.</p> <p>Evening Peak:</p> <p>A forecast LOR1 condition was declared with an effective period of 18:00 - 18:30 (28 hour lead time) due to decreased generation availability and reduced net import.</p> <p>The forecast LOR1 condition was cancelled due to increased net import.</p> <p>A forecast LOR1 condition was declared with an effective period of 17:30 - 19:00 (25 hour lead time) due to decreased generation availability.</p> <p>A forecast LOR2 condition was declared with an effective period of 18:00 - 19:00 (25 hour lead time) due to decreased generation availability.</p> <p>Several updates were issued to the forecast LOR1 and LOR2 conditions with changes in effective period due to decreased generation and import availability.</p> <p>The forecast LOR2 condition was cancelled due to decreased FUM/LOR2 trigger level.</p> <p>Several forecast LOR2 conditions were declared with changes in effective period due to decreased generation availability.</p>

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								<p>A forecast LOR3 condition was declared with an effective period of 17:30 - 19:00 (10 hour lead time) due to decreased generation availability.</p> <p>Several updates were issued to the forecast LOR1, LOR2 and LOR3 conditions with changes in effective period due to decreased generation availability.</p> <p>A forecast LOR3 condition was declared with an effective period of 17:00 - 23:00 (7 hour lead time) due to decreased generation availability.</p> <p>An actual LOR2 condition was declared due to decreased generation availability with an effective period starting from 16:30.</p> <p>The actual LOR2 was cancelled when the effective period elapsed.</p> <p>Overnight:</p> <p>A forecast LOR1 condition was declared with an effective period of 21:00 - 23:00 (13 hour lead time) due to decreased generation availability and reduced net import.</p> <p>A forecast LOR2 condition was declared with an effective period of 23:00 - 23:30 (11 hour lead time) due to decreased generation availability.</p> <p>The forecast LOR1 and LOR2 conditions were cancelled due to increased generation availability.</p> <p>An actual LOR2 condition was declared due to decreased generation availability. Actual conditions existed from 23:00 - 02:00.</p> <p>The actual LOR2 was cancelled when the effective period elapsed.</p>
14/06/2022	QLD	1	2		3		2	<p>Morning Peak:</p> <p>Forecast LOR1, LOR2 and LOR3 conditions were declared for the morning peak with similar effective periods due to decreased generation availability.</p> <p>Several updates were issued to the forecast LOR1, LOR2 and LOR3 conditions with changes in effective period due to decreased generation availability.</p> <p>An actual LOR1 condition was declared due to decreased generation availability. Actual conditions existed from 04:00 - 11:00.</p> <p>Evening Peak:</p> <p>Forecast LOR1, LOR2, LOR3 conditions were declared for the morning peak with similar effective periods due to decreased generation availability.</p> <p>Several updates were issued to the forecast LOR1, LOR2 and LOR3 conditions with changes in effective period due to decreased generation availability.</p> <p>Overnight:</p> <p>Forecast LOR1, and LOR2 conditions were declared for the morning peak with similar effective periods due to decreased generation availability.</p> <p>Several updates were issued to the forecast LOR1 and LOR2 conditions with changes in effective period due to decreased generation availability.</p>

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
04/04/2022	SA		1					A forecast LOR1 condition was declared with an effective period of 18:00 - 20:30 (6 day lead time) due to decreased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability.
05/04/2022	SA		1					A forecast LOR1 condition was declared with an effective period of 18:30 - 19:00 (7 day lead time) due to decreased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability.
16/04/2022	SA		1					A forecast LOR1 condition was declared with an effective period of 18:00 - 19:30 (29 hour lead time) due to decreased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability.
09/05/2022	SA		1					A forecast LOR1 condition was declared with an effective period of 18:30 - 21:00 (7 day lead time) due to decreased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability and decreased forecast demand. A forecast LOR1 condition was later redeclared with an effective period of 18:00 - 19:30 (5 day lead time) due to decreased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability.
10/05/2022	SA		1					A forecast LOR1 condition was declared with an effective period of 06:30 - 09:00 (6 day lead time) due to decreased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability.
11/05/2022	SA	1	1		2			Morning Peak: A forecast LOR1 condition was declared with an effective period of 07:00 - 09:00 (7 day lead time) due to decreased generation availability. An update to the forecast LOR1 condition was issued with shortened effective periods of 07:30 - 08:00 and 08:30 - 09:00 (6 day lead time). The forecast LOR1 condition improved due to increased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability. An actual LOR1 was declared due to decreased generation availability. Actual conditions existed from 08:00 - 08:30. A forecast LOR2 condition was declared with effective periods of 07:30 - 08:00 and 08:30 - 09:00 (64 hour lead time) due to decreased generation availability and increased forecast demand. Several updates to the forecast LOR2 condition were issued with similar effective periods. The forecast LOR2 condition worsened or improved due to change in generation availability and forecast demand. The forecast LOR2 condition was cancelled due to increased generation availability.

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								<p>The forecast LOR2 condition was redeclared and cancelled several times for similar effective periods due to change in generation availability.</p> <p>Evening Peak:</p> <p>Another forecast LOR1 condition was declared with an effective period of 17:00 - 17:30 (6 day lead time) due to decreased generation availability.</p> <p>A forecast LOR2 condition was declared with an effective period of 17:30 - 18:00 (6 day lead time) due to decreased generation availability.</p> <p>The forecast LOR2 condition was cancelled due to increased generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p>
12/05/2022	SA		4		3		2	<p>Morning Peak:</p> <p>A forecast LOR1 condition was declared with effective periods of 06:00 - 7:00 and 09:00 - 10:00 (7 day lead time) due to decreased generation availability.</p> <p>A forecast LOR2 condition was declared with effective periods of 07:00 - 09:30 (6 day lead time) due to decreased generation availability.</p> <p>Several updates to the forecast LOR1 and LOR2 conditions were issued with similar effective periods. The forecast LOR1 and LOR2 conditions worsened or improved due to change in generation availability and forecast demand.</p> <p>The forecast LOR1 and LOR2 conditions were redeclared and cancelled several times for similar effective periods due to change in generation availability.</p> <p>A forecast LOR3 condition was declared with effective periods of 08:30 - 09:00 (4 day lead time) due to decreased generation availability.</p> <p>An update to the forecast LOR3 condition was issued with an extended effective period of 08:00 - 09:30 (4 day lead time). The forecast LOR3 condition worsened due to decreased generation availability and increased forecast demand.</p> <p>The forecast LOR3 condition was cancelled due to increased generation availability.</p> <p>The forecast LOR3 condition was redeclared and cancelled several times for similar effective periods due to change in generation availability and forecast demand.</p> <p>Mid Day:</p> <p>A forecast LOR1 condition was declared with an effective period of 13:00 - 16:30 (4 day lead time) due to decreased generation availability and increased forecast demand.</p> <p>A forecast LOR2 condition was declared with an effective period of 06:00 - 12:00 (65 hour lead time) due to increased forecast demand.</p> <p>Several updates to the forecast LOR1 and LOR2 conditions were issued with similar effective periods. The forecast LOR1 and LOR2 conditions worsened or improved due to change in generation availability and forecast demand.</p> <p>The forecast LOR1 and LOR2 conditions were cancelled due to increased generation availability.</p>

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								<p>Evening Peak:</p> <p>Another forecast LOR1 condition was declared with an effective period of 17:00 - 17:30 (7 day lead time) due to decreased generation availability.</p> <p>A forecast LOR2 condition was declared with effective periods of 17:30 - 18:00 (7 day lead time) due to decreased generation availability.</p> <p>Several updates to the forecast LOR1 and LOR2 conditions were issued with similar effective periods. The forecast LOR1 and LOR2 conditions worsened or improved due to change in generation availability and forecast demand.</p> <p>A forecast LOR3 condition was declared with effective periods of 17:30 - 18:00 (4 day lead time) due to decreased generation availability and increased forecast demand.</p> <p>The forecast LOR3 condition was cancelled due to increased generation availability.</p> <p>The forecast LOR1 and LOR2 conditions were cancelled due to increased generation availability.</p> <p>Overnight:</p> <p>A forecast LOR1 condition was declared with an effective period of 12/05 20:00 - 13/05 01:00 (4 day lead time) due to decreased generation availability and increased forecast demand.</p> <p>An update to the forecast LOR1 condition was issued with a shortened effective period of 12/05/2022 23:30 - 13/05/2022 00:00 (3 day lead time). The forecast LOR1 condition improved due to increased generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p>
13/05/2022	SA		2					<p>Morning Peak:</p> <p>A forecast LOR1 condition was declared with an effective period of 07:30 - 08:30 (19 hour lead time) due to decreased generation availability.</p> <p>Evening Peak:</p> <p>A forecast LOR1 condition was declared with an effective period of 17:30 - 20:00 (27 hour lead time) due to decreased generation availability.</p> <p>The forecast LOR1 conditions were cancelled due to increased net import.</p>
14/05/2022	SA		1		1			<p>A forecast LOR2 condition was declared with an effective period of 18:00 - 18:30 (29 hour lead time) due to decreased generation availability.</p> <p>The forecast LOR2 condition was cancelled due to increased generation availability.</p> <p>A forecast LOR1 condition was declared with an effective period of 18:00 - 18:30 (28 hour lead time) due to decreased generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p>
16/05/2022	SA		2					<p>Morning Peak:</p>

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								<p>A forecast LOR1 condition was declared with an effective period of 08:00 - 09:00 (7 day lead time) due to decreased generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p> <p>Evening Peak:</p> <p>A forecast LOR1 condition was declared with an effective period of 17:30 - 18:00 (7 day lead time) due to decreased generation availability.</p> <p>The forecast LOR1 was cancelled and redeclared for a similar effective period due to change in generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p>
17/05/2022	SA		1		1			<p>A forecast LOR2 condition was declared with an effective period of 07:30 - 08:30 (41 hour lead time) due to decreased generation availability.</p> <p>A forecast LOR1 condition was declared with effective periods of 07:00 - 07:30 and 08:30 - 09:30 (40 hour lead time) due to decreased generation availability.</p> <p>The forecast LOR1 and LOR2 conditions were cancelled due to increased generation availability.</p>
18/05/2022	SA		1		1			<p>A forecast LOR1 condition was declared with an effective period of 18:00 - 18:30 (7 day lead time) due to decreased generation availability.</p> <p>The forecast LOR1 condition was cancelled and redeclared for a similar effective period due to change in generation availability.</p> <p>A forecast LOR2 condition was declared with an effective period of 18:00 - 18:30 (69 hour lead time) due to decreased generation availability.</p> <p>The forecast LOR2 condition was cancelled and redeclared for a similar effective period due to change in generation availability and forecast demand.</p> <p>The forecast LOR1 and LOR2 conditions were cancelled due to increased net import.</p>
19/05/2022	SA		1		2			<p>Morning Peak:</p> <p>A forecast LOR2 condition was declared with an effective period of 08:00 - 08:30 (56 hour lead time) due to decreased generation availability.</p> <p>The forecast LOR2 condition was cancelled due to increased generation availability.</p> <p>Evening Peak:</p> <p>A forecast LOR1 condition was declared with an effective period of 18:00 - 18:30 (5 day lead time) due to decreased generation availability.</p> <p>Several updates to the forecast LOR1 condition were issued with similar effective periods. The forecast LOR1 condition worsened or improved due to change in generation availability and forecast demand.</p> <p>A forecast LOR2 condition was declared with an effective period of 18:00 - 18:30 (3 day lead time) due to decreased generation availability.</p>

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								The forecast LOR1 and LOR2 conditions were cancelled due to increased net import.
01/06/2022	SA		1					A forecast LOR1 condition was declared with effective periods of 18:30 - 19:00 and 21:00 - 21:30 (14 hour lead time) due to decreased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability.
02/06/2022	SA				1			A forecast LOR2 condition was declared with an effective period of 07:30 - 08:30 (19 hour lead time) due to reduced net import. The forecast LOR2 condition was cancelled due to increased net import.
05/06/2022	SA	1						An actual LOR1 condition was declared due to decreased generation availability. Actual conditions existed from 18:00 - 19:30. The actual LOR1 was cancelled due to increased generation availability.
06/06/2022	SA	1	1					Morning Peak: A forecast LOR1 condition was declared with an effective period of 07:30 - 08:30 (11 minute lead time) due to decreased generation availability. An actual LOR1 condition was declared due to increased demand. Actual conditions existed from 08:00 - 08:30. The actual LOR1 was cancelled due to increased generation availability. Evening Peak: A forecast LOR1 condition was declared with an effective period of 18:00 - 22:00 (6 day lead time) due to decreased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability.
07/06/2022	SA		1		1			Morning Peak: A forecast LOR1 condition was declared with an effective period of 07:30 - 09:00 (7 day lead time) due to decreased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability. Evening Peak: A forecast LOR2 condition was declared with an effective period of 18:30 - 21:00 (7 day lead time) due to decreased generation availability. The forecast LOR2 condition was cancelled due to increased net import.
27/06/2022	SA		2		1			Morning Peak: A forecast LOR1 condition was declared with an effective period of 08:00 - 09:00 (5 day lead time) due to decreased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability. Evening Peak:

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								<p>A forecast LOR1 condition was declared with an effective period of 17:30 - 21:00 (7 day lead time) due to decreased generation availability and increased forecast demand.</p> <p>Several updates to the forecast LOR1 condition were issued with similar effective periods. The forecast LOR1 condition worsened or improved due to change in generation availability and forecast demand.</p> <p>A forecast LOR2 condition was declared with an effective period of 18:30 - 19:30 (5 day lead time) due to decreased generation availability and increased forecast demand.</p> <p>Several updates to the forecast LOR2 condition were issued with similar effective periods. The forecast LOR2 condition worsened or improved due to change in generation availability and forecast demand.</p> <p>The forecast LOR1 and LOR2 conditions were cancelled due to increased generation availability.</p>
28/06/2022	SA				1			<p>A forecast LOR2 condition was declared with an effective period of 18:00 - 20:30 (55 hour lead time) due to decreased generation availability and increased forecast demand.</p> <p>The forecast LOR2 condition was cancelled due to increased generation availability.</p>
29/06/2022	SA		3		1		1	<p>Morning Peak:</p> <p>A forecast LOR1 condition was declared with an effective period of 07:00 - 10:00 (7 day lead time) due to reduced net import.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p> <p>Evening Peak:</p> <p>A forecast LOR3 condition was declared with an effective period of 17:00 - 18:30 (7 day lead time) due to decreased generation availability and reduced net import.</p> <p>A forecast LOR2 condition was declared with effective periods of 16:30 - 17:00 and 18:30 - 21:00 (7 day lead time) due to decreased generation availability.</p> <p>A forecast LOR1 condition was declared with an effective period of 15:30 - 16:30 (7 day lead time) due to decreased generation availability and reduced net import.</p> <p>Several updates to the forecast LOR3 condition were issued with similar effective periods. The forecast LOR3 condition improved due to increased generation availability and increased net import.</p> <p>The forecast LOR3 condition was cancelled and redeclared with similar effective periods due to change in generation availability and net import.</p> <p>The forecast LOR2 condition was cancelled and redeclared with similar effective periods due to change in generation availability, net import and forecast demand.</p> <p>Several updates to the forecast LOR1 and LOR2 conditions were issued with similar effective periods. The forecast LOR1 and LOR2 conditions improved or worsened due to change in generation availability, net import and forecast demand.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p>

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								<p>The forecast LOR2 and LOR3 conditions were cancelled due to increased generation availability and increased net import.</p> <p>Overnight: A forecast LOR1 condition was declared with an effective period of 29/06/2022 21:00 - 30/06/2022 01:30 (7 day lead time) due to decreased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability.</p>
30/06/2022	SA		4		2		1	<p>Morning Peak: A forecast LOR3 condition was declared with an effective period of 07:30 - 09:30 (7 day lead time) due to decreased generation availability. A forecast LOR2 condition was declared with effective periods of 06:30 - 07:30 and 09:30 - 11:00 (7 day lead time) due to decreased generation availability. The forecast LOR3 condition was cancelled due to increased generation availability. The forecast LOR2 condition was updated, cancelled and redeclared several times with similar effective periods due to change in generation availability, forecast demand and net import. The forecast LOR2 condition was cancelled due to increased generation availability. A forecast LOR1 condition was declared with an effective period of 07:30 - 10:00 (6 day lead time) due to decreased generation availability and reduced net import. The forecast LOR1 condition was cancelled due to increased generation availability.</p> <p>Mid Day: A forecast LOR1 condition was declared with an effective period of 11:00 - 14:30 (7 day lead time) due to decreased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability.</p> <p>Evening Peak: A forecast LOR2 condition was declared with an effective period of 17:30 - 22:00 (7 day lead time) due to decreased generation availability. A forecast LOR1 condition was declared with an effective period of 16:30 - 17:30 (7 day lead time) due to decreased generation availability and increased forecast demand. An update to the forecast LOR1 condition was issued with an effective period of 18:30 - 19:30 (6 day lead time). The forecast LOR1 condition improved due to increased generation availability. The forecast LOR1 and LOR2 conditions were cancelled due to increased generation availability.</p> <p>Overnight: A forecast LOR1 condition was declared with an effective period of 30/06/2022 22:00 - 01/07/2022 01:00 (7 day lead time) due to decreased generation availability.</p>

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								The forecast LOR1 condition was cancelled due to increased generation availability.
01/06/2022	VIC		1					<p>A forecast LOR1 was declared with an effective period of 18:30 - 19:00 (29 hour lead time) due to reduced net import.</p> <p>The forecast LOR1 condition was cancelled due to increased net import. A forecast LOR1 was declared with an effective period of 18:00 - 19:00 (9 hour lead time) due to reduced net import. Several updates were issued to the forecast LOR1 conditions with changes in effective period due to reduced net import and increased forecast demand. The forecast LOR1 condition was cancelled due to increased net import.</p>
02/06/2022	VIC		1		1			<p>A forecast LOR1 was declared with an effective period of 07:30 - 08:30 (42 hour lead time) due to decreased generation availability. A forecast LOR2 was declared with an effective period of 08:00 - 08:30 (36 hour lead time) due to decreased generation availability and increased forecast demand. The forecast LOR2 condition was cancelled due to increased generation availability and increased net import. A forecast LOR2 was declared with an effective period of 07:30 - 09:00 (19 hour lead time) due to increased demand forecast and reduced net import. The forecast LOR2 condition was cancelled due to increased generation availability and increased net import.</p>
13/06/2022	VIC		2					<p>Evening Peak:</p> <p>A forecast LOR1 was declared with an effective period of 18:00 - 19:00 (24 hour lead time) due to decreased generation availability and reduced net import. The forecast LOR1 condition was cancelled due to increased generation availability and increased net import.</p> <p>Overnight:</p> <p>A forecast LOR1 was declared overnight due to decreased generation availability and reduced net import.</p> <p>The forecast LOR1 was cancelled due to increased generation availability and increased net import.</p>
14/06/2022	VIC		2		1			<p>Morning Peak:</p> <p>A forecast LOR1 was declared with an effective period of 07:30 - 08:00 (18 hour lead time) due to decreased generation availability and reduced net import.</p> <p>The forecast LOR1 was cancelled due to increased generation availability and increased net import.</p> <p>Evening Peak:</p> <p>A forecast LOR1 was declared with an effective period of 18:00 - 18:30 (24 hour lead time) due to decreased generation availability and reduced net import.</p> <p>The forecast LOR1 was cancelled due to increased generation availability and increased net import.</p> <p>Forecast LOR1 and LOR2 conditions were declared for the evening peak with similar effective periods due to decreased generation availability.</p>

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								Several updates were issued to the LOR1 and LOR2 conditions with changes in effective period due to decreased generation availability. The forecast LOR1 and LOR2 conditions were cancelled due to increased generation availability.
27/06/2022	VIC		1		1			A forecast LOR1 was declared with an effective period of 18:00 - 18:30 (5 day lead time) due to decreased generation availability and reduced net import. An update was issued to the forecast LOR1 condition with an effective period of 17:30 - 19:30 (4 day lead time) due to decreased generation availability. The forecast LOR1 was cancelled due to increased generation availability. A forecast LOR2 was declared with an effective period of 18:00 - 19:00 (3 day lead time) due to decreased generation availability and increased FUM. An update was issued to the forecast LOR2 condition with an effective period of 17:30 - 19:00 (2 day lead time) due to decreased generation availability. The forecast LOR2 was cancelled due to increased generation availability.
28/06/2022	VIC		1		1			A forecast LOR1 was declared with an effective period of 18:30 - 19:00 (29 hour lead time) due to decreased generation availability and reduced net import. A forecast LOR2 was declared with an effective period of 18:00 - 18:30 (29 hour lead time) due to decreased generation availability and reduced net import. The forecast LOR2 was cancelled due to increased generation availability and net import. The forecast LOR1 was cancelled due to increased generation availability and net import.
30/06/2022	VIC		1					A forecast LOR1 was declared with an effective period of 07:30 - 09:30 (18 hour lead time) due to decreased generation availability. The forecast LOR1 was cancelled due to increased generation availability.
24/05/2022	TAS		1		1			A forecast LOR1 was declared with an effective period of 08:00 - 09:30 (6 day lead time) due to decreased generation availability. A forecast LOR2 was declared with an effective period of 08:00 - 08:30 (5 day lead time) due to decreased generation availability. An update was issued to the forecast LOR1 condition with worsened reserves due to decreased generation availability. The forecast LOR2 condition was cancelled due to increased generation availability. The forecast LOR1 condition was cancelled due to increased generation availability.
30/05/2022	TAS	1			1			A forecast LOR1 was declared with an effective period of 07:30 - 09:00 (5 day lead time) due to decreased generation availability and increased forecast demand. A forecast LOR2 was declared with an effective period of 07:30 - 09:00 (5 day lead time) due to decreased generation availability and increased forecast demand.

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								<p>The forecast LOR2 condition was cancelled due to increased generation availability.</p> <p>An update was issued to the LOR1 forecast with a change in effective period due to increased generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p> <p>A forecast LOR1 condition was declared with an effective period of 09:00 - 10:00 (43 hour lead time) due to increased forecast demand.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p> <p>An actual LOR1 condition was declared due to decreased generation availability. Actual conditions existed from 08:00 - 09:00.</p> <p>The actual LOR1 was cancelled when the effective period elapsed.</p>
31/05/2022	TAS		1					<p>A forecast LOR1 was declared with an effective period of 07:30 - 09:00 (5 day lead time) due to decreased generation availability and increased forecast demand.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p>
02/06/2022	TAS		1		1			<p>A forecast LOR1 was declared with an effective period of 07:30 - 10:00 (5 day lead time) due to decreased generation availability and increased forecast demand.</p> <p>A forecast LOR2 was declared with an effective period of 09:00 - 09:30 (3 day lead time) due to decreased generation availability and increased forecast demand.</p> <p>Several updates were issued to the LOR1 and LOR2 forecasts with changes in effective period due to decreased generation availability.</p> <p>The forecast LOR2 condition was cancelled due to increased generation availability.</p> <p>A forecast LOR2 was declared with effective periods of 08:00 - 08:30 and 09:00 - 09:30 (56 hour lead time) due to decreased generation availability.</p> <p>The forecast LOR2 condition was cancelled due to increased generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p> <p>A forecast LOR2 was declared with an effective period of 08:00 - 08:30 (19 hour lead time) due to reduced net import.</p> <p>The forecast LOR2 condition was cancelled due to increased net import.</p>
06/06/2022	TAS		1		1			<p>A forecast LOR2 was declared with an effective period of 07:30 - 09:30 (7 day lead time) due to decreased generation availability.</p> <p>A forecast LOR1 was declared with an effective period of 09:30 - 10:30 (7 day lead time) due to decreased generation availability.</p> <p>The forecast LOR2 condition was cancelled due to increased generation availability.</p> <p>The forecast LOR1 condition was cancelled due to increased generation availability.</p>
08/06/2022	TAS		1					<p>A forecast LOR1 was declared with an effective period of 16:00 - 16:30 (7 day lead time) due to decreased generation availability.</p>

Lack of Reserve conditions declared

Effective date ^A	Region	LOR1		LOR2		LOR3		Cause and resolution
		Actual	Forecast	Actual	Forecast	Actual	Forecast	
								The forecast LOR1 condition was cancelled due to increased generation availability and decreased forecast demand.
Total		23	90	8	56	0	8	

A. Effective date is the date on which the condition occurred or was expected to occur, and may differ from the date on which a market notice advising of the forecast or actual condition was issued.

Table 3 LOR notices declared during the reporting period from 1 April to 30 June 2022⁸

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
New South Wales region									
07/04/2022 15:30 - 16:00	95739	06/04/2022 2:48	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	1,317	1,306	1,317	FUM
07/04/2022 15:30 - 16:00	95740	06/04/2022 4:37	LOR2	Cancelled	This cancelled MN 95739. Forecast LOR2 cancelled due to increased generation availability and decreased forecast demand.	1,259	1,339	1,259	FUM
07/04/2022 15:00 - 16:00	95743	06/04/2022 12:48	LOR1	Forecast	Forecast LOR1 declared due to reduced net import.	1,400	1,255	1,154	LCR2
07/04/2022 15:00 - 16:00	95745	06/04/2022 15:00	LOR1	Cancelled	This cancelled MN 95743. Forecast LOR1 cancelled due to increased generation availability and increased net import.	1,400	1,540	964	LCR2
03/05/2022 17:30 - 18:30	96012	03/05/2022 12:25	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,387	678	LCR2
03/05/2022 17:30 - 19:00	96018	03/05/2022 15:30	LOR1	Update	Update to MN 96012 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to reduced net import.	1,430	1,132	504	LCR2
03/05/2022 18:00 - 19:00	96024	03/05/2022 17:48	LOR1	Update	Update to MN 96018 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased net import.	1,430	1,342	359	LCR2
03/05/2022 18:00 - 19:00	96025	03/05/2022 18:19	LOR1	Cancelled	This cancelled MN 96024. Forecast LOR1 cancelled due to increased generation availability.	1,430	1,664	328	LCR2
04/05/2022 17:30 - 18:30	96059	04/05/2022 15:56	LOR1	Forecast	Forecast LOR1 declared due to increased forecast demand.	1,430	1,297	471	LCR2

⁸ Table 3 covers LOR conditions outside of the market suspension period (15 June 2022 – 24 June 2022).

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
04/05/2022 17:30 - 18:30	96061	04/05/2022 17:23	LOR1	Update	Update to MN 96059 due to change in forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,430	1,224	328	LCR2
04/05/2022 17:30 - 18:30	96064	04/05/2022 17:42	LOR1	Actual	Actual LOR1 declared. Decreased generation availability caused an actual LOR1 condition.	1,430	1,224	328	LCR2
4/05/2022 17:30 - 18:30	96066	04/05/2022 18:19	LOR1	Cancelled	This cancelled MN 96064. Actual LOR1 cancelled due to the condition clearing after the effective period.	1,430	1,618	213	LCR2
05/05/2022 17:30 - 18:30	96041	04/05/2022 13:19	LOR1	Forecast	Forecast LOR1 declared due to reduced net import.	1,430	1,388	1,221	LCR2
05/05/2022 18:30 - 19:00	96093	05/05/2022 17:58	LOR1	Update	Update to MN 96041 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased net import.	1,410	1,375	359	LCR2
06/05/2022 18:00 - 18:30	96093	05/05/2022 17:58	LOR1	Forecast	Forecast LOR1 declared due to reduced net import.	1,445	1,433	917	LCR2
06/05/2022 18:00 - 18:30	96104	05/05/2022 23:33	LOR1	Cancelled	This cancelled MN 96093. Forecast LOR1 cancelled due to increased net import.	1,457	1,468	746	LCR2
06/05/2022 18:00 - 18:30	96106	06/05/2022 4:21	LOR1	Forecast	Forecast LOR1 declared due to reduced net import.	1,446	1,410	727	LCR2
06/05/2022 18:00 - 18:30	96110	06/05/2022 6:01	LOR1	Cancelled	This cancelled MN 96106. Forecast LOR1 cancelled due to increased net import.	1,442	1,490	760	LCR2
06/05/2022 17:30 - 19:30	96120	06/05/2022 11:19	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,439	1,170	728	LCR2
06/05/2022 17:00 - 20:00	96129	06/05/2022 17:17	LOR1	Actual	Actual LOR1 declared. Decreased generation availability caused an actual LOR1 condition.	1,410	881	344	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
06/05/2022 17:00 - 20:00	96134	06/05/2022 20:15	LOR1	Cancelled	This cancelled MN 96129. Actual LOR1 cancelled due to the condition clearing after the effective period.	1,458	1,558	213	LCR2
07/05/2022 17:30 - 18:30	96144	07/05/2022 17:52	LOR1	Actual	Actual LOR1 declared. Decreased net import caused an actual LOR1 condition.	1,401	1,340	221	LCR2
07/05/2022 17:30 - 18:30	96148	07/05/2022 19:06	LOR1	Cancelled	This cancelled MN 96144. Actual LOR1 cancelled due to the condition clearing after the effective period.	1,400	1,438	213	LCR2
08/05/2022 17:30 - 18:30	96138	07/05/2022 13:21	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and reduced net import.	1,430	1,357	1,095	LCR2
08/05/2022 17:30 - 18:30	96152	07/05/2022 23:33	LOR1	Cancelled	This cancelled MN 96138. Forecast LOR1 cancelled due to increased generation availability.	1,430	1,474	744	LCR2
08/05/2022 17:30 - 18:30	96155	08/05/2022 3:15	LOR1	Forecast	Forecast LOR1 declared due to reduced net import.	1,430	1,362	727	LCR2
08/05/2022 17:30 - 18:30	96157	08/05/2022 8:45	LOR1	Cancelled	This cancelled MN 96155. Forecast LOR1 cancelled due to increased net import.	1,430	1,474	747	LCR2
08/05/2022 18:00 - 18:30	96168	08/05/2022 16:55	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and increased forecast demand.	1,447	1,372	414	LCR2
08/05/2022 18:00 - 18:30	96169	08/05/2022 18:05	LOR1	Cancelled	This cancelled MN 96168. Forecast LOR1 cancelled due to increased generation availability and increased net import.	1,416	1,534	213	LCR2
09/05/2022 17:00 - 19:00	96159	08/05/2022 10:32	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	1,254	857	1,254	FUM
09/05/2022 16:30 - 17:00	96160	08/05/2022 12:53	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and reduced net import.	1,430	1,379	1,102	LCR2
09/05/2022 19:00 - 19:30	96160	08/05/2022 12:53	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and reduced net import.	1,430	1,258	1,113	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
09/05/2022 17:00 - 19:00	96167	08/05/2022 16:21	LOR2	Cancelled	This cancelled MN 96159. Forecast LOR2 cancelled due to increased generation availability.	918	937	918	FUM
09/05/2022 16:30 - 19:30	96170	08/05/2022 19:00	LOR1	Update	Update to MN 96160 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to reduced net import.	1,430	933	800	LCR2
09/05/2022 16:30 - 20:00	96186	09/05/2022 13:51	LOR1	Update	Update to MN 96170 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability and increased forecast demand.	1,430	737	625	LCR2
09/05/2022 17:30 - 18:00	96188	09/05/2022 14:21	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	730	695	604	LCR
09/05/2022 16:30 - 17:30	96193	09/05/2022 15:24	LOR1	Update	Update to MN 96186 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,430	968	492	LCR2
09/05/2022 18:30 - 20:00	96193	09/05/2022 15:24	LOR1	Update	Update to MN 96186 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,430	868	578	LCR2
09/05/2022 17:30 - 18:00	96195	09/05/2022 15:57	LOR2	Cancelled	This cancelled MN 96188. Forecast LOR2 cancelled due to increased generation availability and increased net import.	730	746	492	LCR
09/05/2022 17:00 - 20:00	96196	09/05/2022 15:58	LOR1	Update	Update to MN 96193 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,430	746	492	LCR2
9/05/2022 17:00 - 20:00	96201	09/05/2022 17:19	LOR1	Actual	Actual LOR1 declared. Decreased generation availability caused an actual LOR1 condition.	1,400	688	359	LCR2
09/05/2022 17:30 - 18:00	96202	9/05/2022 17:19	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	700	688	328	LCR

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
09/05/2022 17:30 - 18:00	96204	9/05/2022 17:49	LOR2	Cancelled	This cancelled MN 96202. Forecast LOR2 cancelled due to increased generation availability.	700	834	213	LCR
9/05/2022 17:00 - 20:00	96221	9/05/2022 20:17	LOR1	Cancelled	This cancelled MN 96201. Actual LOR1 cancelled due to the condition clearing after the effective period.	1,430	1,644	213	LCR2
10/05/2022 17:30 - 18:30	96222	9/05/2022 21:24	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,375	786	LCR2
10/05/2022 17:30 - 19:00	96246	10/05/2022 17:49	LOR1	Actual	Actual LOR1 declared. Decreased generation availability caused an actual LOR1 condition.	1,430	1,153	344	LCR2
10/05/2022 17:30 - 19:00	96248	10/05/2022 19:17	LOR1	Cancelled	This cancelled MN 96246. Actual LOR1 cancelled due to the condition clearing after the effective period.	1,430	1,563	213	LCR2
30/05/2022 17:30 - 18:00	96624	30/05/2022 15:22	LOR1	Forecast	Forecast LOR1 declared due to reduced net import.	1,430	1,390	504	LCR2
30/05/2022 17:30 - 18:00	96638	30/05/2022 18:35	LOR1	Cancelled	This cancelled MN 96624. Forecast LOR1 cancelled due to increased net import.	1,400	1,611	213	LCR2
31/05/2022 17:00 - 20:00	96641	30/05/2022 18:56	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,368	892	LCR2
31/05/2022 07:30 - 08:30	96658	31/05/2022 7:22	LOR1	Forecast	Forecast LOR1 declared due to reduced net import.	1,380	1,289	363	LCR2
31/05/2022 07:30 - 08:30	96659	31/05/2022 8:18	LOR1	Cancelled	This cancelled MN 96658. Forecast LOR1 cancelled due to increased generation availability.	1,460	2,184	221	LCR2
31/05/2022 17:00 - 20:00	96662	31/05/2022 10:45	LOR1	Cancelled	This cancelled MN 96641. Forecast LOR1 cancelled due to increased generation availability.	1,400	1,493	684	LCR2
31/05/2022 17:30 - 19:00	96688	31/05/2022 17:02	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and increased forecast demand.	1,430	1,322	433	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
31/05/2022 17:00 - 20:00	96689	31/05/2022 17:20	LOR1	Actual	Actual LOR1 declared. Decreased generation availability caused an actual LOR1 condition.	1,430	1,287	373	LCR2
31/05/2022 17:00 - 20:00	96693	31/05/2022 18:58	LOR1	Cancelled	This cancelled MN 96689. Actual LOR1 cancelled due to the condition clearing after the effective period.	1,410	1,543	213	LCR2
01/06/2022 18:00 - 18:30	96613	30/05/2022 5:38	LOR2	Forecast	Forecast LOR2 declared due to increased forecast demand.	1,425	1,416	1,425	FUM
01/06/2022 18:00 - 18:30	96614	30/05/2022 7:13	LOR2	Cancelled	This cancelled MN 96613. Forecast LOR2 cancelled due to decreased forecast demand.	1,425	1,416	1,425	FUM
01/06/2022 17:00 - 20:30	96619	30/05/2022 12:46	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	1,368	1,306	1,368	FUM
01/06/2022 17:00 - 20:30	96660	31/05/2022 9:19	LOR2	Cancelled	This cancelled MN 96619. Forecast LOR2 cancelled due to decreased FUM value.	1,147	1,290	1,147	FUM
01/06/2022 17:30 - 19:00	96664	31/05/2022 12:56	LOR1	Forecast	Forecast LOR1 declared due to increased forecast demand and decreased generation availability.	1,430	1,161	1,114	LCR2
01/06/2022 17:30 - 19:00	96707	01/06/2022 11:49	LOR1	Cancelled	This cancelled MN 96664. Forecast LOR1 cancelled due to increased generation availability.	1,415	1,543	674	LCR2
02/06/2022 07:00 - 08:30	96646	30/05/2022 20:47	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	1,484	1,034	1,484	FUM
02/06/2022 17:00 - 20:00	96646	30/05/2022 20:47	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	1,164	747	1,164	FUM
02/06/2022 07:00 - 08:30	96649	30/05/2022 23:46	LOR2	Update	Update to MN 96646 due to change in forecast reserve level. The forecast LOR2 condition improved due to decreased FUM value.	1,256	996	1,256	FUM
02/06/2022 17:00 - 21:00	96649	30/05/2022 23:46	LOR2	Update	Update to MN 96646 due to change in effective period and forecast reserve level.	1,205	731	1,205	FUM

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
					The forecast LOR2 condition worsened due to increased FUM value.				
02/06/2022 16:30 - 21:30	96661	31/05/2022 9:45	LOR2	Update	Update to MN 96649 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to increased FUM value.	1,452	853	1,452	FUM
02/06/2022 17:00 - 21:00	96663	31/05/2022 11:37	LOR2	Update	Update to MN 96661 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to reduced FUM value.	1,376	847	1,376	FUM
02/06/2022 17:00 - 21:00	96666	31/05/2022 15:11	LOR2	Update	Update to MN 96663 due to change in forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability.	1,284	172	1,324	FUM
02/06/2022 16:30 - 17:00	96678	31/05/2022 15:12	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,537	1,452	1,305	LCR2
02/06/2022 17:00 - 21:00	96699	01/06/2022 5:24	LOR2	Update	Update to MN 96666 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to increased FUM value and decreased generation availability.	1,186	275	1,186	FUM
02/06/2022 17:30 - 20:00	96708	01/06/2022 12:49	LOR2	Update	Update to MN 96699 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability and decreasing FUM value.	1,053	530	1,053	FUM
07/06/2022 17:30 - 18:00	96666	31/05/2022 15:11	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	730	436	n/a – forecast > 72 hrs ahead	LCR
03/06/2022 17:30 - 20:00	96732	02/06/2022 13:11	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	1,037	246	1,037	FUM
03/06/2022 17:30 - 20:00	96737	02/06/2022 13:52	LOR2	Cancelled	This cancelled MN 96732. Forecast LOR2 cancelled due to increased generation availability.	1,007	1,320	1,007	FUM

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
03/06/2022 19:30 - 20:00	96738	02/06/2022 13:58	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,320	1,007	LCR2
03/06/2022 19:30 - 20:00	96742	02/06/2022 14:54	LOR1	Cancelled	This cancelled MN 96738. Forecast LOR1 cancelled due to increased generation availability.	1,430	2,010	887	LCR2
03/06/2022 18:30 - 19:00	96745	03/06/2022 5:28	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,209	782	LCR2
03/06/2022 18:30 - 19:00	96746	03/06/2022 7:51	LOR1	Cancelled	This cancelled MN 96745. Forecast LOR1 cancelled due to increased generation availability.	1,430	1,523	720	LCR2
06/06/2022 17:30 - 18:00	96666	31/05/2022 15:11	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	730	545	n/a – forecast > 72 hrs ahead	LCR
06/06/2022 17:30 - 18:00	96666	31/05/2022 15:11	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	730	545	n/a – forecast > 72 hrs ahead	LCR
06/06/2022 18:00 - 19:30	96678	31/05/2022 15:12	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	907	n/a – forecast > 72 hrs ahead	LCR2
07/06/2022 17:00 - 17:30	96678	31/05/2022 15:12	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	861	n/a – forecast > 72 hrs ahead	LCR2
07/06/2022 18:30 - 19:00	96686	31/05/2022 16:42	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	730	710	n/a – forecast > 72 hrs ahead	LCR
07/06/2022 17:00 - 19:00	96694	31/05/2022 19:54	LOR2	Update	Update to MN 96686 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability.	730	200	n/a – forecast > 72 hrs ahead	LCR
02/06/2022 17:30 - 20:00; 06/06/2022 17:30 - 18:00; 07/06/2022 17:00 - 18:30	96713	01/06/2022 14:01	LOR2	Cancelled	This cancelled MN 96708. Forecast LOR2s cancelled due to increased generation availability.	1,053	530	1,053	FUM

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
02/06/2022; 06/06/2022	96719	01/06/2022 15:10	LOR1	Cancelled	This cancelled MN 96678. Forecast LOR1 cancelled due to increased generation availability.	1,558	2,398	1,338	LCR2
07/06/2022 18:00 - 18:30	96720	01/06/2022 15:12	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,443	1,442	n/a – forecast > 72 hrs ahead	LCR2
07/06/2022 08/06/2022	96740	02/06/2022 15:14	LOR1	Cancelled	This cancelled MN 96720. Forecast LOR1s cancelled due to increased generation availability.	1,430	2,249	n/a – forecast > 72 hrs ahead	LCR2
08/06/2022 17:30 - 19:00	96720	01/06/2022 15:12	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,335	n/a – forecast > 72 hrs ahead	LCR2
08/06/2022 19:30 - 20:00	96852	07/06/2022 12:51	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,383	1,086	LCR2
08/06/2022 19:30 - 20:00	96854	07/06/2022 13:49	LOR1	Cancelled	This cancelled MN 96852. Forecast LOR1 cancelled due to increased generation availability.	1,430	1,507	1,010	LCR2
08/06/2022 7:30 - 08:00	96858	07/06/2022 16:49	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,393	712	LCR2
08/06/2022	96859	08/06/2022 7:00	LOR1	Cancelled	This cancelled MN 96858. Forecast LOR1 cancelled due to increased generation availability.	1,430	1,478	477	LCR2
08/06/2022 7:30 - 08:00	96860	08/06/2022 7:15	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,422	1,266	363	LCR2
08/06/2022	96861	08/06/2022 7:58	LOR1	Cancelled	This cancelled MN 96860. Forecast LOR1 cancelled due to increased generation availability.	1,400	1,467	363	LCR2
08/06/2022 18:00 - 18:30	96870	08/06/2022 18:20	LOR1	Actual	Actual LOR1 declared. Decreased net export caused an actual LOR1 condition.	1,400	1,318	213	LCR2
08/06/2022	96871	08/06/2022 18:46	LOR1	Cancelled	This cancelled MN 96870. Actual LOR1 cancelled due to the condition clearing after the effective period.	1,400	1,812	213	LCR2
09/06/2022 17:30 - 19:00	96846	07/06/2022 6:56	LOR2	Forecast	Forecast LOR2 declared due to increased FUM value.	1,517	1,411	1,517	FUM

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
09/06/2022	96848	07/06/2022 8:44	LOR2	Cancelled	This cancelled MN 96846. Forecast LOR2 cancelled due to decreased FUM value.	1,409	1,423	1,409	FUM
09/06/2022 18:00 - 18:30	96849	07/06/2022 9:34	LOR2	Forecast	Forecast LOR2 declared due to increased FUM value.	1,408	1,388	1,408	FUM
09/06/2022	96851	07/06/2022 10:35	LOR2	Cancelled	This cancelled MN 96849. Forecast LOR2 cancelled due to decreased FUM value.	1,333	1,402	1,333	FUM
09/06/2022 17:00 - 17:30	96864	08/06/2022 13:19	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,380	1,020	LCR2
09/06/2022 07:30 - 18:00	96867	08/06/2022 15:38	LOR1	Update	Update to MN 96864 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,420	1,148	892	LCR2
09/06/2022	96868	08/06/2022 16:50	LOR1	Cancelled	This cancelled MN 96867. Forecast LOR1 cancelled due to increased generation availability.	1,420	1,420	932	LCR2
09/06/2022 17:30 - 18:00	96872	08/06/2022 18:50	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,420	1,403	875	LCR2
09/06/2022 17:30 - 19:30	96873	08/06/2022 19:26	LOR1	Update	Update to MN 96872 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,420	1,337	837	LCR2
09/06/2022	96875	08/06/2022 21:51	LOR1	Cancelled	This cancelled MN 96873. Forecast LOR1 cancelled due to increased generation availability.	1,430	1,665	795	LCR2
09/06/2022 07:30 - 08:00	96877	09/06/2022 7:16	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,400	1,278	344	LCR2
09/06/2022	96878	09/06/2022 7:44	LOR1	Cancelled	This cancelled MN 96877. Forecast LOR1 cancelled due to increased generation availability.	1,430	1,703	213	LCR2
09/06/2022 17:30 - 20:00	96881	09/06/2022 14:59	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,156	599	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
09/06/2022 18:30 - 20:00	96885	09/06/2022 15:31	LOR1	Update	Update to MN 96881 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability and decreased forecast demand.	1,430	1,236	554	LCR2
09/06/2022	96886	09/06/2022 16:37	LOR1	Cancelled	This cancelled MN 96885. Forecast LOR1 cancelled due to increased generation availability.	1,400	1,875	213	LCR2
10/06/2022 7:30 - 08:00	96862	08/06/2022 9:44	LOR2	Forecast	Forecast LOR2 declared due to increased FUM value.	1,472	1,429	1,472	FUM
10/06/2022	96863	08/06/2022 12:36	LOR2	Cancelled	This cancelled MN 96862. Forecast LOR2 cancelled due to decreased FUM value.	1,382	1,440	1,382	FUM
10/06/2022 7:30 - 08:00	96880	09/06/2022 13:14	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,383	903	LCR2
10/06/2022 7:00 - 10:00	96882	09/06/2022 15:01	LOR1	Update	Update to MN 96880 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to reduced net import.	1,420	966	805	LCR2
10/06/2022 16:00 - 16:30	96882	09/06/2022 15:01	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,400	1,400	944	LCR2
10/06/2022 17:30 - 18:00	96882	09/06/2022 15:01	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,233	956	LCR2
10/06/2022 19:00 - 19:30	96882	09/06/2022 15:01	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,029	948	LCR2
10/06/2022 16:30 - 17:00	96883	09/06/2022 15:09	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	944	902	944	FUM
10/06/2022 08:30 - 10:00	96887	09/06/2022 16:42	LOR1	Update	Update to MN 96882 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased net import.	1,400	1,057	763	LCR2
10/06/2022 19:30 - 20:00	96887	09/06/2022 16:42	LOR1	Update	Update to MN 96882 due to change in effective period and forecast reserve level.	1,430	1,300	887	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
					The forecast LOR1 condition improved due to increased generation availability.				
10/06/2022	96888	09/06/2022 16:50	LOR2	Cancelled	This cancelled MN 96883. Forecast LOR2 cancelled due to increased generation availability.	1,400	1,468	998	LCR
10/06/2022 07:00 - 10:00	96890	09/06/2022 17:32	LOR1	Update	Update to MN 96887 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability and reduced net import.	1,430	954	694	LCR2
10/06/2022 16:30 - 17:00	96893	09/06/2022 19:34	LOR1	Update	Update to MN 96882 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,400	1,339	834	LCR2
10/06/2022 07:00 - 10:00	96894	09/06/2022 20:53	LOR1	Update	Update to MN 96890 due to change in forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,400	1,171	654	LCR2
10/06/2022 07:00 - 07:30	96895	09/06/2022 23:54	LOR1	Update	Update to MN 96894 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,405	1,348	665	LCR2
10/06/2022 08:00 - 10:00	96895	09/06/2022 23:54	LOR1	Update	Update to MN 96894 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,400	1,148	683	LCR2
10/06/2022 07:30 - 10:00	96896	10/06/2022 3:23	LOR1	Update	Update to MN 96895 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,400	1,288	647	LCR2
10/06/2022 08:30 - 10:00	96897	10/06/2022 4:59	LOR1	Update	Update to MN 96896 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,400	1,208	545	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
10/06/2022 07:30 - 08:00	96898	10/06/2022 5:48	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,403	517	LCR2
10/06/2022 08:30 - 09:00	96898	10/06/2022 5:48	LOR1	Update	Update to MN 968945 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,400	1,374	582	LCR2
10/06/2022 09:30 - 10:00	96898	10/06/2022 5:48	LOR1	Update	Update to MN 968945 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,400	1,361	638	LCR2
10/06/2022 08:00 - 09:00	96899	10/06/2022 8:06	LOR1	Update	Update to MN 96898 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,400	1,151	408	LCR2
10/06/2022 08:30 - 9:00	96902	10/06/2022 8:46	LOR1	Actual	Actual LOR1 declared. Decreased generation availability caused an actual LOR1 condition.	1,400	1,267	221	LCR2
10/06/2022	96913	10/06/2022 9:24	LOR1	Cancelled	This cancelled MN 96902. Actual LOR1 cancelled due to the condition clearing after the effective period.	1,400	1,740	221	LCR2
10/06/2022	96914	10/06/2022 10:53	LOR1	Cancelled	This cancelled MN 96899. Forecast LOR1 cancelled due to increased generation availability.	1,400	1,740	221	LCR2
11/06/2022 18:00 - 18:30	96916	10/06/2022 15:52	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,425	892	LCR2
11/06/2022	96917	10/06/2022 16:48	LOR1	Cancelled	This cancelled MN 96916. Forecast LOR1 cancelled due to increased generation availability.	1,430	1,498	919	LCR2
11/06/2022 17:00 - 19:30	96930	11/06/2022 8:51	LOR1	Forecast	Forecast LOR1 declared due to reduced net import.	1,430	1,233	681	LCR2
11/06/2022 17:30 - 18:00	96931	11/06/2022 12:17	LOR1	Update	Update to MN 96930 due to change in effective period and forecast reserve level.	1,430	1,197	669	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
					The forecast LOR1 condition worsened due to decreased net import.				
11/06/2022	96950	11/06/2022 16:51	LOR1	Cancelled	This cancelled MN 96931. Forecast LOR1 cancelled due to increased generation availability.	1,430	2,008	913	LCR2
13/06/2022 17:30 - 19:00	96968	12/06/2022 12:53	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,487	1,188	1,033	LCR2
13/06/2022 18:00 - 18:30	96969	12/06/2022 13:46	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	957	949	957	FUM
13/06/2022 18:30 - 19:00	96970	12/06/2022 13:47	LOR1	Update	Update to MN 96968 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,486	1,342	961	LCR2
13/06/2022	96972	12/06/2022 14:17	LOR2	Cancelled	This cancelled MN 96969. Forecast LOR2 cancelled due to increased generation availability and decreased FUM value.	919	996	919	FUM
13/06/2022 18:00 - 19:00	96973	12/06/2022 14:20	LOR1	Update	Update to MN 96970 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,494	996	919	LCR2
13/06/2022 18:00 - 19:00	96979	12/06/2022 17:52	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	860	322	860	FUM
13/06/2022 19:00 - 20:30	96982	12/06/2022 17:57	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,453	877	874	LCR2
13/06/2022 18:00 - 19:30	96987	12/06/2022 19:56	LOR2	Update	Update to MN 96979 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability.	807	624	807	FUM
13/06/2022 17:30 - 18:00	96989	12/06/2022 20:03	LOR1	Update	Update to MN 96973 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,430	1,257	792	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
13/06/2022 19:30 - 20:30	96989	12/06/2022 20:03	LOR1	Update	Update to MN 96982 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,430	1,006	845	LCR2
13/06/2022 17:30 - 20:00	97008	12/06/2022 23:32	LOR1	Update	Update to MN 96989 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,430	1,037	725	LCR2
13/06/2022 19:30 - 20:00	97014	13/06/2022 5:35	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	747	733	747	FUM
13/06/2022 21:00 - 21:30	97014	13/06/2022 5:35	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	819	677	819	FUM
13/06/2022 17:30 - 18:30	97015	13/06/2022 5:37	LOR1	Update	Update to MN 97008 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to increased generation availability.	1,430	739	731	LCR2
13/06/2022 19:00 - 19:30	97015	13/06/2022 5:37	LOR1	Update	Update to MN 97008 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,430	924	734	LCR2
13/06/2022 20:00 - 21:00	97015	13/06/2022 5:37	LOR1	Update	Update to MN 96989 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,430	915	770	LCR2
13/06/2022 17:30 - 20:30	97037	13/06/2022 8:07	LOR2	Update	Update to MN 97014 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability.	730	206	720	LCR
13/06/2022 17:00 - 18:00	97042	13/06/2022 8:30	LOR1	Update	Update to MN 97015 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,430	743	707	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
13/06/2022 17:30 - 20:30	97045	13/06/2022 9:06	LOR2	Cancelled	This cancelled MN 97037. Forecast LOR2 cancelled due to increased generation availability.	720	792	720	FUM
13/06/2022 17:00 - 21:00	97044	13/06/2022 9:07	LOR1	Update	Update to MN 97015 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,430	748	720	LCR2
13/06/2022 17:30 - 18:30	97047	13/06/2022 9:36	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	739	728	739	FUM
13/06/2022 17:30 - 18:30	97056	13/06/2022 10:56	LOR2	Cancelled	This cancelled MN 97047. Forecast LOR2 cancelled due to increased generation availability.	713	748	713	LCR
13/06/2022 17:00 - 22:00	97058	13/06/2022 10:57	LOR1	Update	Update to MN 97044 due to change in effective period.	1,430	748	713	LCR2
13/06/2022 17:30 - 18:30	97063	13/06/2022 12:37	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	730	686	678	LCR
13/06/2022 17:00 - 17:30	97064	13/06/2022 12:38	LOR1	Update	Update to MN 97058 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,430	815	663	LCR2
13/06/2022 18:30 - 22:00	97064	13/06/2022 12:38	LOR1	Update	Update to MN 97058 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,430	742	694	LCR2
13/06/2022 17:30 - 20:30	97076	13/06/2022 13:24	LOR2	Update	Update to MN 97063 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability.	730	660	663	LCR
13/06/2022 20:30 - 22:00	97077	13/06/2022 13:26	LOR1	Update	Update to MN 97064 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,430	796	702	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
13/06/2022 17:30 - 20:30	97107	13/06/2022 15:40	LOR2	Cancelled	This cancelled MN 97076. Forecast LOR2 cancelled due to increased net import.	730	807	531	LCR
13/06/2022 17:00 - 22:00	97108	13/06/2022 15:43	LOR1	Update	Update to MN 97077 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,430	807	531	LCR2
13/06/2022 17:30 - 19:30	97111	13/06/2022 16:16	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	730	685	471	LCR
13/06/2022 19:30 - 21:00	97112	13/06/2022 16:17	LOR1	Update	Update to MN 97108 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,430	943	575	LCR2
13/06/2022 17:00 - 17:30	97132	13/06/2022 17:21	LOR1	Actual	Actual LOR1 declared. Decreased generation availability and net imports caused an actual LOR1 condition.	1,430	860	213	LCR2
13/06/2022 17:00 - 19:00	97136	13/06/2022 17:50	LOR2	Actual	Actual LOR2 declared. Decreased generation availability and net imports caused an actual LOR2 condition.	730	411	328	LCR
13/06/2022	97166	13/06/2022 20:19	LOR2	Cancelled	This cancelled MN 97136. Actual LOR2 cancelled due to the condition clearing after the effective period.	730	1,367	213	LCR
13/06/2022	97167	13/06/2022 20:50	LOR1	Cancelled	This cancelled MN 97132. Actual LOR1 cancelled due to the condition clearing after the effective period.	1,430	1,767	213	LCR2
14/06/2022 17:30 - 19:30	96915	10/06/2022 14:32	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,513	1,271	0	LCR2
14/06/2022 18:00 - 18:30	96944	11/06/2022 14:29	LOR1	Update	Update to MN 96915 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,548	1,511	0	LCR2
14/06/2022 18:00 - 18:30	96974	12/06/2022 14:26	LOR1	Cancelled	This cancelled MN 96944. Forecast LOR1 cancelled due to increased generation availability.	1,525	1,765	1,242	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
14/06/2022 18:00 - 20:30	97069	13/06/2022 13:03	LOR3	Forecast	Forecast LOR3 declared due to decreased generation availability.	0	-436	1,074	0
14/06/2022 07:00 - 08:00	97072	13/06/2022 13:13	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	1,009	101	1,009	FUM
14/06/2022 17:00 - 18:00	97072	13/06/2022 13:13	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	1,106	22	1,106	FUM
14/06/2022 20:30 - 21:30	97072	13/06/2022 13:13	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	1,127	159	1,127	FUM
14/06/2022 06:30 - 07:00	97075	13/06/2022 13:29	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,214	975	LCR2
14/06/2022 08:00 - 08:30	97075	13/06/2022 13:29	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,185	1,057	LCR2
14/06/2022 21:30 - 22:00	97075	13/06/2022 13:29	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,374	1,145	LCR2
14/06/2022 20:00 - 20:30	97103	13/06/2022 15:11	LOR3	Forecast	Update to MN 97069 due to change in effective period and forecast reserve level. The forecast LOR3 condition improved due to increased generation availability.	0	-51	970	0
14/06/2022 08:00 - 08:30	97105	13/06/2022 15:30	LOR1	Update	Update to MN 97075 due to change in forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,430	957	905	LCR2
14/06/2022 16:30 - 17:00	97105	13/06/2022 15:30	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,023	956	LCR2
14/06/2022 07:00 - 08:00	97104	13/06/2022 15:31	LOR2	Update	Update to MN 97072 due to change in forecast reserve level. The forecast LOR2 condition improved due to increased generation availability.	893	561	893	FUM
14/06/2022 17:00 - 20:00	97104	13/06/2022 15:31	LOR2	Update	Update to MN 97072 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability.	953	52	953	FUM

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
14/06/2022 20:30 - 22:30	97104	13/06/2022 15:31	LOR2	Update	Update to MN 97072 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability and decreased FUM value.	975	150	975	FUM
13/06/2022 23:00 - 00:00	97178	13/06/2022 23:27	LOR1	Actual	Actual LOR1 declared. Decreased generation availability and net imports caused an actual LOR1 condition.	1,430	1,260	328	LCR2
14/06/2022 00:00 - 00:30	97177	13/06/2022 23:34	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	730	674	359	LCR
14/06/2022 17:00 - 17:30	97177	13/06/2022 23:34	LOR2	Update	Update to MN 97104 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability and decreased FUM value.	748	460	748	FUM
14/06/2022 20:30 - 21:30	97177	13/06/2022 23:34	LOR2	Update	Update to MN 97104 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability and decreased FUM value.	798	53	798	FUM
14/06/2022 00:30 - 01:00	97179	13/06/2022 23:36	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,033	414	LCR2
14/06/2022 06:30 - 08:30	97179	13/06/2022 23:36	LOR1	Update	Update to MN 97105 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,430	732	671	LCR2
14/06/2022 16:30 - 17:00	97179	13/06/2022 23:36	LOR1	Update	Update to MN 97105 due to change in forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,430	1,236	737	LCR2
14/06/2022 21:30 - 22:30	97179	13/06/2022 23:36	LOR1	Update	Update to MN 97075 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,430	903	794	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
14/06/2022 17:30 - 20:30	97173	13/06/2022 23:37	LOR3	Update	Update to MN 97103 due to change in effective period and forecast reserve level. The forecast LOR3 condition worsened due to decreased generation availability.	0	-546	782	0
13/06/2022 23:00 - 14/06/2022 00:00	97184	14/06/2022 1:47	LOR1	Cancelled	This cancelled MN 97184. Actual LOR1 cancelled due to the condition clearing after the effective period.	1,430	1,488	213	LCR2
14/06/2022 07:00 - 07:30	97199	14/06/2022 5:20	LOR2	Update	Update to MN 97104 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability.	730	613	538	LCR
14/06/2022 17:00 - 17:30	97199	14/06/2022 5:20	LOR2	Update	Update to MN 97177 due to change in forecast reserve level. The forecast LOR2 condition improved due to increased generation availability.	776	338	776	FUM
14/06/2022 21:00 - 22:00	97199	14/06/2022 5:20	LOR2	Update	Update to MN 97177 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability.	822	260	822	FUM
14/06/2022 06:30 - 07:00	97200	14/06/2022 5:21	LOR1	Update	Update to MN 97179 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,430	1,188	501	LCR2
14/06/2022 07:30 - 08:30	97200	14/06/2022 5:21	LOR1	Update	Update to MN 97179 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,430	806	570	LCR2
14/06/2022 16:30 - 17:00	97200	14/06/2022 5:21	LOR1	Update	Update to MN 97179 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	1,430	989	771	LCR2
14/06/2022 22:00 - 22:30	97200	14/06/2022 5:21	LOR1	Update	Update to MN 97179 due to change in effective period and forecast reserve level.	1,430	1,043	858	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
					The forecast LOR1 condition improved due to increased generation availability.				
14/06/2022 07:00 - 07:30	97214	14/06/2022 6:54	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	730	483	437	LCR
14/06/2022 17:00 - 17:30	97214	14/06/2022 6:54	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	804	315	803	LCR
14/06/2022 21:00 - 22:30	97214	14/06/2022 6:54	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	863	190	862	LCR
14/06/2022 7:30 - 8:30	97217	14/06/2022 7:36	LOR2	Actual	Actual LOR2 declared. Decreased generation availability and net imports caused an actual LOR2 condition.	730	400	437	LCR
14/06/2022 7:30 - 8:30	97247	14/06/2022 11:10	LOR2	Cancelled	This cancelled MN 97217. Actual LOR2 cancelled due to the condition clearing after the effective period.	732	1,462	266	LCR
14/06/2022 11:00 - 12:00	97254	14/06/2022 11:25	LOR1	Actual	Actual LOR1 declared. Decreased generation availability and net imports caused an actual LOR1 condition.	1,400	1,108	221	LCR2
14/06/2022 17:00 - 15/06/2022 00:00	97256	14/06/2022 11:32	LOR3	Update	Update to MN 97173 due to change in effective period and forecast reserve level. The forecast LOR3 condition worsened due to decreased generation availability.	0	-1,605	660	0
14/06/2022 16:00 - 17:00	97261	14/06/2022 11:35	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	730	579	623	LCR
14/06/2022 14:30 - 16:00	97265	14/06/2022 12:14	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,177	554	LCR2
14/06/2022 11:00 - 12:00	97268	14/06/2022 12:19	LOR1	Cancelled	This cancelled MN 97254. Actual LOR1 cancelled due to the condition clearing after the effective period.	1,400	1,422	213	LCR2
14/06/2022 17:00 - 15/06/2022 00:00	97295	14/06/2022 14:13	LOR3	Update	Update to MN 97256 due to change in forecast reserve level. The forecast LOR3 condition worsened due to decreased generation availability.	0	-1,748	594	0

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
14/06/2022 17:30 - 22:30	97311	14/06/2022 15:50	LOR3	Update	Update to MN 97295 due to change in effective period and forecast reserve level. The forecast LOR3 condition improved due to increased generation availability.	0	-797	613	0
14/06/2022 16:30 - 17:30	97317	14/06/2022 16:03	LOR2	Update	Update to MN 97261 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability.	730	15	451	LCR
14/06/2022 22:30 - 23:00	97317	14/06/2022 16:03	LOR2	Update	Forecast LOR2 declared due to decreased generation availability.	700	512	640	LCR
14/06/2022 16:00 - 16:30	97319	14/06/2022 16:05	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,379	359	LCR2
14/06/2022 23:00 - 15/06/2022 00:00	97319	14/06/2022 16:05	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,400	987	647	LCR2
14/06/2022 17:00 - 17:30	97364	14/06/2022 17:10	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	780	328	LCR2
14/06/2022 20:00 - 21:00	97364	14/06/2022 17:10	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	909	533	LCR2
14/06/2022 17:30 - 20:00	97365	14/06/2022 17:12	LOR2	Update	Forecast LOR2 declared due to decreased generation availability.	730	178	510	LCR
14/06/2022 21:00 - 23:00	97365	14/06/2022 17:12	LOR2	Update	Update to MN 97214 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability.	700	266	600	LCR
14/06/2022 19:30 - 20:00	97382	14/06/2022 18:07	LOR2	Update	Update to MN 97365 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability.	730	448	45	LCR
14/06/2022 18:30 - 19:30	97383	14/06/2022 18:09	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	748	359	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
14/06/2022 20:00 - 20:30	97383	14/06/2022 18:09	LOR1	Update	Update to MN 97364 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,430	1,126	483	LCR2
14/06/2022 21:00 - 21:30	97383	14/06/2022 18:09	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,429	820	533	LCR2
14/06/2022 18:00 - 15/06/2022 00:00	97407	14/06/2022 19:30	LOR2	Actual	Actual LOR2 declared. Decreased generation availability and net imports caused an actual LOR2 condition.	730	397	213	LCR
14/06/2022 23:00 - 00:30	97450	14/06/2022 23:11	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	700	374	414	LCR
24/06/2022 20:00 - 20:30	98285	17/06/2022 14:44	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,370	1,238	n/a – forecast > 72 hrs ahead	LCR2
27/06/2022 04:00 - 20:00	98640	20/06/2022 14:28	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,370	1,064	n/a – forecast > 72 hrs ahead	LCR2
27/06/2022 21:30 - 04:00	98640	20/06/2022 14:28	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,449	975	n/a – forecast > 72 hrs ahead	LCR2
27/06/2022 20:00 - 21:30	98645	20/06/2022 14:30	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	794	507	n/a – forecast > 72 hrs ahead	LCR
27/06/2022 09:30 - 10:00	98665	20/06/2022 16:30	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	685	670	n/a – forecast > 72 hrs ahead	LCR
27/06/2022 21:00 - 21:30	98665	20/06/2022 16:30	LOR2	Update	Update to MN 98645 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability.	813	538	n/a – forecast > 72 hrs ahead	LCR
27/06/2022 20:00 - 20:30	98740	21/06/2022 14:30	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,370	1,248	n/a – forecast > 72 hrs ahead	LCR2
27/06/2022 21:00 - 21:30	98740	21/06/2022 14:30	LOR1	Update	Update to MN 98640 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	1,370	1,353	n/a – forecast > 72 hrs ahead	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
27/06/2022; 28/06/2022	98896	22/06/2022 18:26	LOR1	Cancelled	This cancelled MN 98740. Forecast LOR1 cancelled due to increased generation availability.	1,413	1,629	n/a – forecast > 72 hrs ahead	LCR2
27/06/2022 20:00 - 20:30	99601	26/06/2022 13:00	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	1,155	998	1,155	LCR
27/06/2022	99602	26/06/2022 13:19	LOR2	Cancelled	This cancelled MN 99601. Forecast LOR2 cancelled due to increased generation availability.	1,567	2,825	1,117	LCR
28/06/2022 20:00 - 20:30	98740	21/06/2022 14:30	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,497	1,286	n/a – forecast > 72 hrs ahead	LCR2
28/06/2022 21:00 - 21:30	98740	21/06/2022 14:30	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,505	1,400	n/a – forecast > 72 hrs ahead	LCR2
28/06/2022 19:00 - 20:00	99704	27/06/2022 13:16	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,203	1,145	LCR2
28/06/2022 20:30 - 21:00	99704	27/06/2022 13:16	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,430	1,160	1,160	LCR2
28/06/2022 17:30 - 19:00	99705	27/06/2022 13:17	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	1,144	813	1,144	FUM
28/06/2022 20:00 - 20:30	99705	27/06/2022 13:17	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	1,155	860	1,155	FUM
28/06/2022	99712	27/06/2022 13:56	LOR2	Cancelled	This cancelled MN 99705. Forecast LOR2 cancelled due to increased generation availability.	1,069	2,062	1,069	FUM
28/06/2022	99713	27/06/2022 13:56	LOR1	Cancelled	This cancelled MN 99704. Forecast LOR1 cancelled due to increased generation availability.	1,430	2,062	1,069	LCR2
Queensland region									
04/04/2022 17:30 - 19:00	95637	29/03/2022 15:11	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and increased forecast demand.	870	812	n/a – forecast > 72 hrs ahead	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
04/04/2022 17:30 - 18:30	95649	30/03/2022 13:59	LOR2	Forecast	The forecast LOR1 condition worsened into forecast LOR2 condition due to decreased generation availability and an increase in forecast demand.	435	386	n/a – forecast > 72 hrs ahead	LCR
04/04/2022	95651	30/03/2022 14:51	LOR2	Cancelled	This cancelled MN 95649. Forecast LOR2 cancelled due to increased generation availability.	479	696	n/a – forecast > 72 hrs ahead	LCR
04/04/2022 17:30 - 19:00	95653	30/03/2022 14:52	LOR1	Update	Update to MN 95637 due to change in forecast reserve level. The forecast LOR2 condition downgraded to forecast LOR1 condition due to increased generation availability.	914	696	n/a – forecast > 72 hrs ahead	LCR2
04/04/2022	95694	01/04/2022 15:13	LOR1	Cancelled	This cancelled MN 95653. Forecast LOR1 cancelled due to due to increased generation availability.	914	1,103	n/a – forecast > 72 hrs ahead	LCR2
04/04/2022 17:30 - 18:00	95705	03/04/2022 22:46	LOR1	Forecast	Forecast LOR1 redeclared due to decreased generation availability.	972	934	503	LCR2
05/04/2022 17:30 - 18:00	95637	29/03/2022 15:11	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and increased forecast demand.	908	626	n/a – forecast > 72 hrs ahead	LCR2
05/04/2022 17:30 - 18:00	95643	29/03/2022 23:26	LOR2	Forecast	The forecast LOR1 condition worsened into forecast LOR2 condition due to an increase in forecast demand.	441	395	n/a – forecast > 72 hrs ahead	LCR
05/04/2022 17:30 - 18:30	95648	30/03/2022 13:58	LOR2	Update	Update to MN 95643 due to change in forecast reserve level due to decreased generation availability. The effective period remained relatively the same.	447	90	n/a – forecast > 72 hrs ahead	LCR
5/04/2022	95652	30/03/2022 14:51	LOR2	Cancelled	This cancelled MN 95648. Forecast LOR2 cancelled due to increased generation availability.	479	566	n/a – forecast > 72 hrs ahead	LCR
05/04/2022 17:00 - 19:00	95653	30/03/2022 14:52	LOR1	Update	Update to MN 95637 due to change in forecast reserve level. The forecast LOR2 condition downgraded to forecast LOR1	914	566	n/a – forecast > 72 hrs ahead	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
					condition due to increased generation availability.				
05/04/2022 17:30 - 18:00	95658	31/03/2022 5:23	LOR2	Forecast	Forecast LOR2 redeclared due to an increase in forecast demand.	487	471	n/a – forecast > 72 hrs ahead	LCR
5/04/2022	95661	31/03/2022 13:03	LOR2	Cancelled	This cancelled MN 95658. Forecast LOR2 cancelled due to increased generation availability.	479	591	n/a – forecast > 72 hrs ahead	LCR
05/04/2022	95694	01/04/2022 15:13	LOR1	Cancelled	This cancelled MN 95653. Forecast LOR1 cancelled due to due to increased generation availability.	914	1,030	n/a – forecast > 72 hrs ahead	LCR2
05/04/2022 17:30 - 19:00	95706	04/04/2022 12:57	LOR1	Update	Forecast LOR1 redeclared due to decreased generation availability.	972	711	606	LCR2
05/04/2022	95711	04/04/2022 18:06	LOR1	Cancelled	This cancelled MN 95706. Forecast LOR1 cancelled due to decreased demand forecast and increased generation availability.	972	1,026	566	LCR2
05/04/2022 17:30 - 19:30	95718	05/04/2022 11:30	LOR1	Forecast	Forecast LOR1 redeclared due to increased demand forecast.	972	803	420	LCR2
05/04/2022 17:30 - 19:30	95723	05/04/2022 17:47	LOR1	Actual	Actual LOR1 declared. Decreased generation availability caused an actual LOR1 condition.	972	899	313	LCR2
05/04/2022	95737	05/04/2022 19:05	LOR1	Cancelled	This cancelled MN 95723. The actual LOR1 was cancelled when the effective period elapsed. LOR period ended 30 minutes earlier than forecast due to increased generation availability and decreased demand.	972	1,209	160	LCR2
06/04/2022 17:30 - 18:30	95663	31/03/2022 15:05	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and increased forecast demand.	914	864	n/a – forecast > 72 hrs ahead	LCR2
06/04/2022 18:00 - 19:00	95695	01/04/2022 15:14	LOR1	Update	Update to MN 95663 with a change in effective period and worsened reserve	914	807	n/a – forecast > 72 hrs ahead	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
					level due to due to decreased generation availability.				
06/04/2022 18:00 - 18:30	95703	02/04/2022 14:36	LOR1	Update	Update to MN 95695 due to change in forecast reserve level. The forecast LOR1 condition improved due to decreased demand forecast.	972	968	n/a – forecast > 72 hrs ahead	LCR2
06/04/2022	95763	06/04/2022 17:48	LOR1	Cancelled	This cancelled MN 95703. Forecast LOR1 cancelled due to increased generation availability and decreased demand forecast.	972	1,210	269	LCR2
07/04/2022 18:00 - 19:00	95663	31/03/2022 15:05	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	914	843	n/a – forecast > 72 hrs ahead	LCR2
07/04/2022 17:30 - 18:30	95703	02/04/2022 14:36	LOR1	Update	Update to MN 95663 due to change in effective period and forecast reserve level. The forecast LOR1 condition changed due to a change in generation availability.	992	936	n/a – forecast > 72 hrs ahead	LCR2
07/04/2022	95704	03/04/2022 14:22	LOR1	Cancelled	This cancelled MN 95703. Forecast LOR1 cancelled due to due to increased generation availability and decreased demand forecast.	1,007	1,097	n/a – forecast > 72 hrs ahead	LCR2
11/04/2022 17:30 - 19:30	95707	04/04/2022 16:34	LOR1	Forecast	Forecast LOR1 redeclared due to decreased generation availability.	972	569	n/a – forecast > 72 hrs ahead	LCR2
11/04/2022 17:30 - 18:30	95720	05/04/2022 14:41	LOR1	Update	Update to MN 95707 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability and a decrease in forecast demand.	972	836	n/a – forecast > 72 hrs ahead	LCR2
11/04/2022 17:30 - 18:00	95771	08/04/2022 14:48	LOR1	Update	Update to MN 95720 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved	972	972	n/a – forecast > 72 hrs ahead	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
					due to increased generation availability and a decrease in forecast demand.				
11/04/2022	95778	09/04/2022 14:35	LOR1	Cancelled	This cancelled MN 95771. Forecast LOR1 cancelled due to due to increased generation availability.	972	1,384	670	LCR2
28/04/2022 17:30 - 18:00	95957	28/04/2022 2:28	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	842	835	470	LCR2
28/04/2022	95958	28/04/2022 5:21	LOR1	Cancelled	This cancelled MN 95957. Forecast LOR1 cancelled due to increased generation availability.	853	858	483	LCR2
28/04/2022 17:30 - 18:00	95959	28/04/2022 8:10	LOR1	Forecast	Forecast LOR1 redeclared due to decreased generation availability.	870	810	446	LCR2
28/04/2022	95966	28/04/2022 17:21	LOR1	Cancelled	This cancelled MN 95959. Forecast LOR1 cancelled due to increased generation availability and decreased demand forecast.	840	871	239	LCR2
03/05/2022 17:30 - 19:00	96017	03/05/2022 15:21	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	914	694	360	LCR2
03/05/2022 17:30 - 18:30	96021	03/05/2022 16:55	LOR1	Update	Update to MN 96017 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	914	873	268	LCR2
03/05/2022 17:30 - 19:00	96023	03/05/2022 17:48	LOR1	Actual	Actual LOR1 declared. Decreased generation availability caused an actual LOR1 condition.	914	836	249	LCR2
03/05/2022	96027 & 96029	03/05/2022 18:59	LOR1	Cancelled	This cancelled MN 93929. The actual LOR1 was cancelled when the effective period elapsed.	914	983	160	LCR2
04/05/2022 17:30 - 18:30	95987	02/05/2022 14:54	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	914	815	680	LCR2
05/05/2022 17:30 - 18:30	95987	02/05/2022 14:54	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	914	878	n/a – forecast > 72 hrs ahead	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
05/05/2022 17:00 - 17:30, 18:00 - 20:30	96039	04/05/2022 13:12	LOR1	Forecast	Forecast LOR1 declared due to decreased net import.	1,163	731	579	LCR2
05/05/2022 17:30 - 18:00	96040	04/05/2022 13:14	LOR2	Forecast	Forecast LOR2 declared due to decreased net import.	720	703	567	LCR
05/05/2022	96058	04/05/2022 15:50	LOR2	Cancelled	This cancelled MN 96040. Forecast LOR2 cancelled due to increased generation availability.	720	884	543	LCR
05/05/2022 17:00 - 19:30	96060	04/05/2022 16:05	LOR1	Update	Update to MN 96043 due to change in forecast reserve level. The forecast LOR2 condition downgraded to forecast LOR1 condition due to increased generation availability.	1,163	884	543	LCR2
05/05/2022 15:30 - 16:00 17:30 - 19:00	96068	04/05/2022 18:24	LOR1	Update	Update to MN 96060 due to change in effective period. The forecast LOR1 condition improved due to increased generation availability.	1,163	856	539	LCR2
05/05/2022 17:30 - 19:00	96071	04/05/2022 22:28	LOR1	Update	Update to MN 96068 due to change in effective period. The forecast LOR1 condition improved due to increased generation availability.	1,163	909	497	LCR2
05/05/2022 18:30 - 19:00	96095	05/05/2022 17:59	LOR1	Update	Update to MN 96071 due to change in effective period. The forecast LOR1 condition improved due to increased generation availability and decreased forecast demand.	1,163	1,071	249	LCR2
05/05/2022	96099	05/05/2022 18:39	LOR1	Cancelled	This cancelled MN 96095. Forecast LOR1 cancelled due to increased generation availability and decreased forecast demand.	914	1,176	160	LCR2
06/05/2022 18:00 - 18:30	96125	06/05/2022 14:58	LOR1	Forecast	Forecast LOR1 declared due to increased demand forecast and reduced net import.	1,163	1,103	418	LCR2
06/05/2022	96128	06/05/2022 16:50	LOR1	Cancelled	This cancelled MN 96125. Forecast LOR1 cancelled due to increased generation	870	957	268	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
					availability and decreased forecast demand.				
06/05/2022 17:30 - 18:00	96131	06/05/2022 17:19	LOR1	Forecast	Forecast LOR1 redeclared due to reduced net import.	870	799	241	LCR2
06/05/2022	96132	06/05/2022 17:47	LOR1	Cancelled	This cancelled MN 96131. Forecast LOR1 cancelled due to increased generation availability and decreased demand.	870	895	160	LCR2
09/05/2022 17:30 - 18:00	96187	09/05/2022 13:52	LOR1	Forecast	Forecast LOR1 redeclared due to reduced net import.	870	845	406	LCR2
09/05/2022 17:30 - 19:00	96197	09/05/2022 15:59	LOR1	Update	Update to MN 96187 due to change in effective period. The forecast LOR1 condition worsened due to reduced net import and increased forecast demand.	870	761	338	LCR2
09/05/2022 17:30 - 18:00	96198	09/05/2022 16:20	LOR1	Update	Update to MN 96197 due to change in effective period. The forecast LOR1 condition improved due to increased net import.	870	821	310	LCR2
09/05/2022 17:30 - 19:00	96199	09/05/2022 16:52	LOR1	Update	Update to MN 96198 due to change in effective period. The forecast LOR1 condition worsened due to reduced net import and increased forecast demand.	870	691	268	LCR2
09/05/2022	96205	09/05/2022 17:51	LOR1	Cancelled	This cancelled MN 96199. Forecast LOR1 cancelled due to increased generation availability and decreased demand.	870	934	248	LCR2
12/05/2022 8:30 - 9:00	96231	10/05/2022 13:47	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	708	629	708	FUM
12/05/2022	96239	10/05/2022 15:53	LOR2	Cancelled	This cancelled MN 96231. Forecast LOR2 cancelled due to increased generation availability.	653	716	653	FUM
15/05/2022 17:30 - 18:00	96317	14/05/2022 12:54	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	730	698	601	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
15/05/2022	96324	14/05/2022 15:25	LOR1	Cancelled	This cancelled MN 96317. Forecast LOR1 cancelled due to increased generation availability.	737	850	547	LCR2
16/05/2022 17:00 - 19:00	96301	13/05/2022 14:41	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	730	561	n/a – forecast > 72 hrs ahead	LCR2
16/05/2022 16:30 - 17:00	96310	13/05/2022 18:17	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability and introduction of FUM set the LOR2 trigger level as low reserve period comes into 72 hours ahead period.	774	767	774	FUM
16/05/2022 17:00 - 19:00	96312	13/05/2022 21:06	LOR2	Update	Update to MN 96310 due to change in effective period and forecast reserve level. The forecast LOR2 condition expanded because more of the low reserve period entered into the 72 hour window where FUM exists. FUM set the LOR2 trigger level.	677	561	677	FUM
16/05/2022 17:00 - 17:30	96323	14/05/2022 15:24	LOR1	Update	Update to MN 96301 due to change in effective period. The forecast LOR condition improved due to reduced forecast demand and reduced FUM.	787	680	678	LCR2
16/05/2022 17:30 - 18:30	96357	15/05/2022 10:44	LOR2	Update	Update to MN 96335 due to change in effective period. The forecast LOR2 condition improved due to reduced net import and increased forecast demand.	620	561	620	FUM
16/05/2022 17:00 - 17:30, 18:30 - 19:00	96360	15/05/2022 13:36	LOR1	Forecast	The forecast LOR condition improved due to increased generation availability.	754	636	594	LCR2
16/05/2022	96362	15/05/2022 14:08	LOR2	Cancelled	This cancelled MN 96357. Forecast LOR2 cancelled due to increased generation availability.	564	662	564	FUM
16/05/2022 17:30 - 18:30	96365	15/05/2022 14:46	LOR1	Update	The forecast LOR1 condition improved due to increased generation availability and decrease in FUM.	763	647	552	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
16/05/2022 17:00 - 19:00	96385	15/05/2022 23:55	LOR1	Update	Update to MN 96365 due to change in effective period and forecast reserve level. Forecast LOR2 downgraded to forecast LOR1 condition due to decrease in FUM.	749	598	493	LCR2
16/05/2022 17:00 - 19:00	96416	16/05/2022 17:35	LOR1	Actual	Actual LOR1 declared. Decreased generation availability and actual demand was 300 MW higher than initially forecasted caused an actual LOR1 condition.	914	662	241	LCR2
16/05/2022	96418	16/05/2022 20:01	LOR1	Cancelled	This cancelled MN 96416. The actual LOR1 was cancelled when the effective period elapsed.	914	954	160	LCR2
17/05/2022 17:00 - 18:30	96301	13/05/2022 14:41	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	730	658	n/a – forecast > 72 hrs ahead	LCR2
17/05/2022 18:00 - 18:30	96335	14/05/2022 19:43	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability and introduction of FUM set the LOR2 trigger level as low reserve period comes into 72 hours ahead period.	702	681	702	FUM
17/05/2022 17:00 - 19:00	96357	15/05/2022 10:44	LOR2	Update	Update to MN 96335 due to change in effective period and forecast reserve level. The forecast LOR2 condition expanded because more of the low reserve period entered the 72 hour window where FUM exists. FUM set the LOR2 trigger level.	711	640	711	FUM
17/05/2022	96380	15/05/2022 19:41	LOR2	Cancelled	This cancelled MN 96357. Forecast LOR2 cancelled due to decrease in FUM. (FUM was setting the LOR2 trigger level).	730	643	614	LCR
17/05/2022	96413	16/05/2022 15:58	LOR1	Cancelled	This cancelled MN 96301. Forecast LOR1 cancelled due to increased generation availability.	914	1,009	525	LCR2
17/05/2022 16:30 - 17:30	96424	17/05/2022 9:21	LOR1	Forecast	Forecast LOR1 redeclared due to increased LOR1 trigger.	1,163	1,084	398	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
17/05/2022 16:30 - 18:00	96439	17/05/2022 12:04	LOR1	Update	Update to MN 96424 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased net import and increased forecast demand.	914	907	431	LCR2
17/05/2022 17:00 - 19:30	96440	17/05/2022 12:30	LOR1	Update	Update to MN 96439 due to change in effective period and forecast reserve level. LOR condition changed due to changes in generation availability.	1,163	929	443	LCR2
17/05/2022 16:30 - 17:30, 18:00 - 20:00	96441	17/05/2022 13:38	LOR1	Update	Update to MN 96440 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decrease in generation availability, decreased net import and increased forecast demand.	730	702	394	LCR2
17/05/2022 17:30 - 18:00	96442	17/05/2022 13:39	LOR2	Forecast	Forecast LOR2 redeclared due to decreased net import.	720	693	418	LCR
17/05/2022	96443	17/05/2022 13:58	LOR2	Cancelled	This cancelled MN 96442. Forecast LOR2 cancelled due to increased net import.	430	484	430	FUM
17/05/2022 16:30 - 19:00	96444	17/05/2022 14:00	LOR1	Update	Update to MN 96441 due to change in effective period and forecast reserve level. The forecast LOR2 condition downgraded to LOR1 condition due to decrease in LOR2 trigger level.	730	484	430	LCR2
17/05/2022 16:30 - 17:00, 17:30 - 18:00	96446	17/05/2022 15:21	LOR1	Update	Update to MN 96444 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	730	640	310	LCR2
17/05/2022	96451	17/05/2022 16:17	LOR1	Cancelled	This cancelled MN 96442. Forecast LOR1 cancelled due to increased generation availability.	730	780	386	LCR2
18/05/2022 6:00 - 11:00	96358	15/05/2022 13:33	LOR2	Update	Forecast LOR2 declared due to decreased generation availability and introduction of FUM set the LOR2 trigger level as low	858	781	858	FUM

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
					reserve period comes into 72 hours ahead period.				
18/05/2022 7:00 - 11:30, 12:30 - 13:30	96372	15/05/2022 16:06	LOR2	Update	Update to MN 96358 due to change in effective period. The forecast LOR2 condition expanded because more of the low reserve period entered the 72 hour window where FUM exists. FUM set the LOR2 trigger level.	899	786	899	LCR
20/05/2022 8:00 - 8:30	96474	18/05/2022 14:50	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	706	676	656	LCR2
20/05/2022	96490	19/05/2022 14:40	LOR1	Cancelled	This cancelled MN 96474. Forecast LOR1 cancelled due to increased generation availability.	741	938	415	LCR2
02/06/2022 17:30 - 20:00	96668	31/05/2022 15:11	LOR2	Forecast	Forecast LOR2 declared due to reduced net import.	720	172	688	LCR
02/06/2022 17:00 - 17:30, 20:00 - 20:30	96679	31/05/2022 15:13	LOR1	Forecast	Forecast LOR1 declared due to reduced net import.	1,163	969	704	LCR2
02/06/2022 17:30 - 20:00	96687	31/05/2022 16:43	LOR2	Forecast	Forecast LOR2 declared due to reduced net import.	720	169	678	LCR
02/06/2022 17:30 - 19:30	96701	01/06/2022 8:32	LOR2	Update	Update to MN 96687 due to change in forecast reserve level. The forecast LOR2 condition improved due to increased generation availability.	720	393	643	LCR
02/06/2022 17:30 - 19:00	96705	01/06/2022 11:50	LOR2	Update	Update to MN 96701 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability.	720	518	609	LCR
02/06/2022	96709	01/06/2022 12:50	LOR2	Cancelled	This cancelled MN 96705. Forecast LOR2 cancelled due to increased generation availability.	720	829	603	LCR
02/06/2022	96721	01/06/2022 15:08	LOR1	Cancelled	This cancelled MN 96679. Forecast LOR1 cancelled due to increased generation availability and increased net import.	1,025	1,631	552	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
03/06/2022 18:00 - 18:30	96733	02/06/2022 13:12	LOR2	Forecast	Forecast LOR2 declared due to reduced net import.	720	695	594	LCR
03/06/2022 17:30 - 18:00, 18:30 - 19:30	96734	02/06/2022 13:13	LOR1	Forecast	Forecast LOR1 declared due to reduced net import.	1,163	859	603	LCR2
03/06/2022	96735	02/06/2022 13:50	LOR2	Cancelled	This cancelled MN 96733. Forecast LOR2 cancelled due to increased net import.	494	1,372	427	LCR
03/06/2022	96736	02/06/2022 13:51	LOR1	Cancelled	This cancelled MN 96734. Forecast LOR1 cancelled due to increased net import.	937	1,372	427	LCR2
06/06/2022	96633	30/05/2022 15:47	LOR2, LOR3	Suspect	Suspect forecast LOR2 and LOR3 conditions issued.				
06/06/2022	96634	30/05/2022 16:48	LOR2, LOR3	Suspect	Investigation found suspect LOR conditions are invalid due to input errors. AEMO considers these LOR2 and LOR3 conditions invalid.				
06/06/2022 17:30 - 18:00	96647	30/05/2022 21:29	LOR2	Forecast	Forecast LOR2 declared due to reduced net import.	720	687	n/a – forecast > 72 hrs ahead	LCR
06/06/2022	96654	31/05/2022 4:35	LOR2	Cancelled	This cancelled MN 96647. Forecast LOR1 cancelled due to increased net import.	479	768	n/a – forecast > 72 hrs ahead	LCR
06/06/2022 17:00 - 19:00	96679	31/05/2022 15:13	LOR1	Forecast	Forecast LOR1 declared due to reduced net import.	1,038	782	n/a – forecast > 72 hrs ahead	LCR2
06/06/2022 18:30 - 19:00	96723	01/06/2022 15:09	LOR1	Update	Update to MN 96679 due to change in effective period. The forecast LOR1 condition improved due to increased generation availability.	914	820	n/a – forecast > 72 hrs ahead	LCR2
06/06/2022 17:30 - 19:30	96743	02/06/2022 15:16	LOR1	Update	Update to MN 96679 due to change in effective period. The forecast LOR1 condition worsened due to decreased generation availability.	914	741	n/a – forecast > 72 hrs ahead	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
07/06/2022 17:30 - 19:30	96679	31/05/2022 15:13	LOR1	Forecast	Forecast LOR1 declared due to reduced net import.	1,163	871	n/a – forecast > 72 hrs ahead	LCR2
07/06/2022 18:30 - 19:00	96687	31/05/2022 16:43	LOR2	Forecast	Forecast LOR2 declared due to reduced net import.	720	710	n/a – forecast > 72 hrs ahead	LCR
08/06/2022 18:30 - 19:00	96723	01/06/2022 15:09	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and reduced net import.	914	891	n/a – forecast > 72 hrs ahead	LCR2
08/06/2022	96841	06/06/2022 14:32	LOR1	Cancelled	This cancelled MN 96723. Forecast LOR1 cancelled due to increased generation availability.	914	1,267	706	LCR2
09/06/2022 17:30 - 18:00	96891	09/06/2022 17:52	LOR1	Actual	Actual LOR1 declared. Decreased net import and decreased generation availability caused an actual LOR1 condition.	1,163	1,094	182	LCR2
09/06/2022	96892	09/06/2022 18:19	LOR1	Cancelled	This cancelled MN 96891. The actual LOR1 was cancelled when the effective period elapsed.	965	1,285	160	LCR2
10/06/2022 17:30 - 18:00	96918	10/06/2022 17:24	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	944	898	280	LCR2
10/06/2022	96919	10/06/2022 18:00	LOR1	Cancelled	This cancelled MN 96918. Forecast LOR1 cancelled due to increased generation availability.	968	1,018	241	LCR2
10/06/2022 18:00 - 19:00	96921	10/06/2022 18:21	LOR2	Actual	Actual LOR2 declared. Sudden decreased generation availability and reduced net import caused an actual LOR2 condition.	524	311	160	LCR
10/06/2022	96927	10/06/2022 19:11	LOR2	Cancelled	This cancelled MN 96921. The actual LOR2 was cancelled when the effective period elapsed.	518	888	241	LCR
10/06/2022 19:00 - 20:00	96928	10/06/2022 19:16	LOR1	Actual	Actual LOR1 declared. Sudden decreased generation availability and reduced net import caused an actual LOR1 condition.	961	888	241	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
10/06/2022	96929	10/06/2022 20:14	LOR1	Cancelled	This cancelled MN 96928. The actual LOR1 was cancelled when the effective period elapsed.	968	1,158	160	LCR2
12/06/2022 17:30 – 18:00	96981	12/06/2022 17:54	LOR1	Actual	Actual LOR1 declared. Decreased generation availability and increased demand caused an actual LOR1 condition. Actual demand is 500 MW higher than initially forecasted.	930	925	167	LCR2
12/06/2022	96985	12/06/2022 18:22	LOR1	Cancelled	This cancelled MN 96981. The actual LOR1 was cancelled when the effective period elapsed.	944	996	160	LCR2
12/06/2022 20:30 – 22:30	96992, 96998	12/06/2022 20:50	LOR2	Actual	Actual LOR2 declared. Sudden decreased generation availability and increased demand caused an actual LOR2 condition.	487	356	160	LCR
12/06/2022	97006 ⁹	12/06/2022 23:18	LOR2	Cancelled	This cancelled MN 96998. The actual LOR2 was cancelled when the effective period elapsed.	479	590	185	LCR
13/06/2022 18:00 - 18:30	96971	12/06/2022 13:51	LOR1	Forecast	Forecast LOR2 declared due to decreased generation availability and reduced net import.	1,163	1,026	577	LCR2
13/06/2022	96975	12/06/2022 14:46	LOR1	Cancelled	This cancelled MN 96971. Forecast LOR1 cancelled due to increased net import.	1,163	1,212	540	LCR2
13/06/2022 17:30 - 19:00	96978	12/06/2022 16:55	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	965	868	554	LCR2
13/06/2022 18:00 - 19:00	96980	12/06/2022 17:53	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	720	322	577	LCR
13/06/2022 19:00 - 20:00	96984	12/06/2022 17:58	LOR1	Update	Update to the LOR1 forecast in MN 96978 with a change in effective period due to decreased generation and import availability.	1,163	877	556	LCR2

⁹ MN 96997 issued on 12/06/2022 21:42 shouldn't have been issued as the actual LOR2 condition still existed.

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
13/06/2022 18:30 - 19:00	96988	12/06/2022 20:02	LOR2	Update	Update to the LOR2 forecast in MN 96980 with a change in effective period and increased reserves due to increased import availability.	720	624	534	LCR
13/06/2022 19:00 - 20:00	96990	12/06/2022 20:05	LOR1	Update	Update to the LOR1 forecast in MN 96984 with a worsened reserve level due to decreased generation availability.	1,163	805	542	LCR2
13/06/2022 17:30 - 18:30	96990	12/06/2022 20:05	LOR1	Update	Update to the LOR1 forecast in MN 96978 with a change in effective period due to decreased generation and import availability.	1,163	730	535	LCR2
13/06/2022 17:00 - 20:30	97001	12/06/2022 22:45	LOR1	Update	Update to the LOR1 forecast in MN 96990 with a change in effective period due to decreased FUM. LOR2 conditions improved to LOR1 due to decreased LOR2 trigger level.	914	568	486	LCR2
13/06/2022 06:00 - 08:00	97001	12/06/2022 22:45	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	914	536	416	LCR2
13/06/2022	97004	12/06/2022 22:58	LOR2	Cancelled	This cancelled MN 96988. Forecast LOR2 conditions cancelled due to decreased FUM/LOR2 trigger level.	489	559	489	FUM
13/06/2022 17:30 - 19:00	97012	13/06/2022 5:18	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	494	441	494	FUM
13/06/2022 19:30 - 21:30	97012	13/06/2022 5:18	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	505	271	505	FUM
13/06/2022 06:30 - 07:30	97012	13/06/2022 5:18	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	487	288	339	LCR
13/06/2022 07:30 - 08:00	97013	13/06/2022 5:27	LOR1	Update	Update to the LOR1 forecast in MN 97001 with a change in effective period due to decreased generation availability.	914	722	365	LCR2
13/06/2022 06:00 - 06:30	97013	13/06/2022 5:27	LOR1	Update	Update to the LOR1 forecast in MN 97001 with a change in effective period due to decreased generation availability.	914	909	268	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
13/06/2022 17:00 - 17:30	97013	13/06/2022 5:27	LOR1	Update	Update to the LOR1 forecast in MN 97001 with a change in effective period due to decreased generation availability.	919	743	496	LCR2
13/06/2022 21:30 - 22:00	97013	13/06/2022 5:27	LOR1	Update	Update to the LOR1 forecast in MN 97001 with a change in effective period due to decreased generation availability.	914	763	517	LCR2
13/06/2022 19:00 - 19:30	97013	13/06/2022 5:27	LOR1	Update	Update to the LOR1 forecast in MN 97001 with a change in effective period due to decreased generation availability.	918	596	493	LCR2
13/06/2022 05:30	97016	13/06/2022 5:46	LOR1	Actual	Actual LOR1 declared. Decreased generation availability caused an actual LOR1 condition.	914	596	160	LCR2
13/06/2022 06:00	97019	13/06/2022 6:20	LOR2	Actual	Actual LOR2 declared. Decreased generation availability caused an actual LOR2 condition.	487	190	160	LCR
13/06/2022 17:30 - 19:00	97035	13/06/2022 8:01	LOR3	Forecast	Forecast LOR3 declared due to decreased generation availability.	0	-230	454	0
13/06/2022	97039	13/06/2022 8:20	LOR2	Cancelled	This cancelled MN 97019. Actual LOR2 cancelled due to the condition clearing after the effective period.	914	1,081	160	LCR2
13/06/2022	97040	13/06/2022 8:24	LOR1	Cancelled	This cancelled MN 97016. Actual LOR1 cancelled due to the condition clearing after the effective period.	914	1,081	160	LCR2
13/06/2022 17:00 - 17:30	97036	13/06/2022 8:24	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	493	255	442	LCR
13/06/2022 19:30 - 21:00	97036	13/06/2022 8:24	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	493	52	493	FUM
13/06/2022 21:00 - 23:00	97041	13/06/2022 8:29	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	923	547	497	LCR2
13/06/2022 17:00 - 20:30	97046	13/06/2022 9:34	LOR3	Update	Update to the LOR3 forecast in MN 97035 with a change in effective period and	0	-528	396	0

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
					worsened reserves due to decreased generation availability.				
13/06/2022 20:30 - 22:00	97048	13/06/2022 9:45	LOR2	Update	Update to the LOR2 forecast in MN 97036 with a change in effective period due to decreased generation availability.	487	272	485	LCR
13/06/2022 22:00 - 23:00	97050	13/06/2022 10:04	LOR1	Update	Update to the LOR1 forecast in MN 97041 with a change in effective period due to decreased generation availability.	914	522	462	LCR2
13/06/2022 17:00 - 23:00	97061	13/06/2022 11:51	LOR3	Update	Update to the LOR3 forecast in MN 97046 with a change in effective period and worsened reserves due to decreased generation availability and increased demand.	0	-1,454	431	0
13/06/2022 23:00 - 23:30	97062	13/06/2022 11:55	LOR2	Update	Update to the LOR2 forecast in MN 97048 with a change in effective period due to decreased generation availability.	489	304	382	LCR
13/06/2022 16:30 - 17:00	97062	13/06/2022 11:55	LOR2	Update	Update to the LOR2 forecast in MN 97048 with a change in effective period due to decreased generation availability.	499	248	427	LCR
13/06/2022 23:00 - 01:00	97070	13/06/2022 13:10	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	528	9	373	LCR
13/06/2022 17:00 - 20:30	97082	13/06/2022 13:54	LOR3	Update	Update to the LOR3 forecast in MN 97061 with a change in effective period and increased reserves due to increased generation and import availability.	0	-809	406	0
13/06/2022 20:30 - 23:30	97084	13/06/2022 14:00	LOR2	Update	Update to the LOR2 forecast in MN 97062 with a change in effective period and worsened reserves due to decreased generation availability.	511	36	414	LCR
13/06/2022 23:30 - 01:00	97089	13/06/2022 14:07	LOR1	Update	Update to the LOR1 forecast in MN 97050 with a change in effective period due to decreased generation availability.	919	614	378	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
13/06/2022 16:30 - 17:00	97089	13/06/2022 14:07	LOR1	Update	Update to the LOR1 forecast in MN 97050 with a change in effective period due to decreased generation availability.	960	744	378	LCR2
13/06/2022 17:00 - 23:00	97099	13/06/2022 15:01	LOR3	Update	Update to the LOR3 forecast in MN 97082 with a change in effective period and worsened reserves due to decreased generation availability.	0	-1,147	378	0
13/06/2022 23:00 - 00:30	97100	13/06/2022 15:02	LOR2	Update	Update to the LOR2 forecast in MN 97084 with a change in effective period and worsened reserves due to decreased generation availability.	487	9	387	LCR
13/06/2022 16:30 - 17:00	97100	13/06/2022 15:02	LOR2	Update	Update to the LOR2 forecast in MN 97084 with a change in effective period and worsened reserves due to decreased generation availability.	487	223	336	LCR
13/06/2022 17:00 - 23:00	97109	13/06/2022 16:03	LOR3	Update	Update to the LOR3 forecast in MN 97099 with the same effective period and an increase in reserve levels due to increased generation availability.	0	-983	360	0
13/06/2022 17:30 - 19:30	97115	13/06/2022 16:24	LOR3	Update	Update to the LOR3 forecast in MN 97099 with a change in effective period and an increase in reserve levels due to increased generation availability.	0	-166	338	0
13/06/2022 19:30 - 00:30	97117	13/06/2022 16:33	LOR2	Update	Update to the LOR2 forecast in MN 97117 with a change in effective period due to decreased generation availability.	487	8	394	LCR
13/06/2022 17:00 - 17:30	97117	13/06/2022 16:33	LOR2	Update	Update to the LOR2 forecast in MN 97117 with a change in effective period due to decreased generation availability.	487	20	268	LCR
13/06/2022 16:30	97130	13/06/2022 16:51	LOR2	Actual	Actual LOR2 declared. Decreased generation availability caused an actual LOR2 condition.	508	382	160	LCR

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
13/06/2022 17:00	97134	13/06/2022 17:24	LOR2	Update	Update to the actual LOR2 declaration in MN 97130 with a worsened reserve level due to decreased generation availability.	495	19	241	LCR
13/06/2022 17:30	97138	13/06/2022 17:56	LOR2	Update	Update to the actual LOR2 declaration in MN 97134 with a worsened reserve level due to decreased generation availability.	522	15	207	LCR
13/06/2022	97139	13/06/2022 18:11	LOR3	Cancelled	This cancelled MN 97115. Forecast LOR3 conditions cancelled due to increased generation availability.	0	15	207	0
13/06/2022	97151	13/06/2022 20:24	LOR2	Cancelled	This cancelled MN 97138. Actual LOR2 cancelled due to the condition clearing after the effective period.	511	531	160	LCR
13/06/2022 23:00	97180	13/06/2022 23:39	LOR2	Actual	Actual LOR2 declared. Decreased generation availability caused an actual LOR2 condition.	487	308	222	LCR
13/06/2022	97185	14/06/2022 1:51	LOR2	Cancelled	This cancelled MN 97180. Actual LOR2 cancelled due to the condition clearing after the effective period.	479	943	160	LCR
14/06/2022 17:30 - 20:30	97067	13/06/2022 13:02	LOR3	Forecast	Forecast LOR3 declared due to decreased generation availability.	0	-654	608	0
14/06/2022 07:00 - 07:30	97067	13/06/2022 13:02	LOR3	Forecast	Forecast LOR3 declared due to decreased generation availability.	0	-172	519	0
14/06/2022 20:30 - 22:30	97070	13/06/2022 13:10	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	624	20	624	FUM
14/06/2022 17:00 - 17:30	97070	13/06/2022 13:10	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	593	41	593	FUM
14/06/2022 06:30 - 07:00	97070	13/06/2022 13:10	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	548	18	512	LCR
14/06/2022 07:30 - 08:00	97070	13/06/2022 13:10	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	576	139	527	LCR
14/06/2022 08:00 - 08:30	97074	13/06/2022 13:34	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,027	761	534	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
14/06/2022 16:30 - 17:00	97074	13/06/2022 13:34	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,006	795	583	LCR2
14/06/2022 22:30 - 01:30	97074	13/06/2022 13:34	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	975	653	642	LCR2
14/06/2022 01:00 - 02:00	97074	13/06/2022 13:34	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	954	730	396	LCR2
14/06/2022 05:00 - 05:30	97074	13/06/2022 13:34	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	954	758	489	LCR2
14/06/2022 06:00 - 06:30	97074	13/06/2022 13:34	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	985	563	504	LCR2
14/06/2022 17:00 - 22:30	97119	13/06/2022 16:54	LOR3	Update	Update to the LOR3 forecast in MN 97067 with a change in effective period due to decreased generation availability.	0	-936	567	0
14/06/2022 06:30 - 08:00	97119	13/06/2022 16:54	LOR3	Update	Update to the LOR3 forecast in MN 97067 with a change in effective period due to decreased generation availability.	0	-712	488	0
14/06/2022 08:00 - 08:30	97121	13/06/2022 16:56	LOR2	Update	Update to the LOR2 forecast in MN 97070 with a change in effective period due to decreased generation availability.	542	228	488	LCR
14/06/2022 16:30 - 17:00	97121	13/06/2022 16:56	LOR2	Update	Update to the LOR2 forecast in MN 97070 with a change in effective period due to decreased generation availability.	549	171	549	FUM
14/06/2022 22:30 - 04:00	97121	13/06/2022 16:56	LOR2	Update	Update to the LOR2 forecast in MN 97070 with a change in effective period due to decreased generation availability.	603	122	603	FUM
14/06/2022 02:00 - 02:30	97121	13/06/2022 16:56	LOR2	Update	Update to the LOR2 forecast in MN 97070 with a change in effective period due to decreased generation availability.	470	459	411	LCR
14/06/2022 04:00 - 05:30	97121	13/06/2022 16:56	LOR2	Update	Update to the LOR2 forecast in MN 97070 with a change in effective period due to decreased generation availability.	487	19	487	FUM

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
14/06/2022 06:00 - 06:30	97121	13/06/2022 16:56	LOR2	Update	Update to the LOR2 forecast in MN 97070 with a change in effective period due to decreased generation availability.	499	20	485	LCR
14/06/2022 02:30 - 04:00	97131	13/06/2022 17:04	LOR1	Update	Update to the LOR1 forecast in MN 97074 with a change in effective period due to decreased generation availability.	902	524	420	LCR2
14/06/2022 00:30 - 02:00	97131	13/06/2022 17:04	LOR1	Update	Update to the LOR1 forecast in MN 97074 with a change in effective period due to decreased generation availability.	911	502	414	LCR2
14/06/2022 05:30 - 06:00	97131	13/06/2022 17:04	LOR1	Update	Update to the LOR1 forecast in MN 97074 with a change in effective period due to decreased generation availability.	926	597	486	LCR2
14/06/2022 15:00 - 16:30	97131	13/06/2022 17:04	LOR1	Update	Update to the LOR1 forecast in MN 97074 with a change in effective period due to decreased generation availability.	945	686	529	LCR2
14/06/2022 08:30 - 10:00	97131	13/06/2022 17:04	LOR1	Update	Update to the LOR1 forecast in MN 97074 with a change in effective period due to decreased generation availability.	973	595	495	LCR2
14/06/2022 17:00 - 21:00	97174	14/06/2022 0:06	LOR3	Forecast	Forecast LOR3 declared due to decreased generation availability.	0	-271	419	0
14/06/2022 06:30 - 07:30	97174	14/06/2022 0:06	LOR3	Forecast	Forecast LOR3 declared due to decreased generation availability.	0	-950	489	0
14/06/2022 00:00 - 01:00	97182	14/06/2022 0:14	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	930	620	222	LCR2
14/06/2022 15:30 - 16:30	97182	14/06/2022 0:14	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	935	607	489	LCR2
14/06/2022 23:00 - 00:30	97182	14/06/2022 0:14	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	914	519	510	LCR2
14/06/2022 05:00 - 05:30	97182	14/06/2022 0:14	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	914	749	433	LCR2
14/06/2022 08:00 - 08:30	97182	14/06/2022 0:14	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	966	579	416	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
14/06/2022 21:30 - 23:00	97175	14/06/2022 0:14	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	495	102	495	FUM
14/06/2022 05:30 - 06:30	97175	14/06/2022 0:14	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	487	173	429	LCR
14/06/2022 16:30 - 17:00	97175	14/06/2022 0:14	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	500	49	493	LCR
14/06/2022 07:30 - 08:00	97175	14/06/2022 0:14	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	516	65	416	LCR
14/06/2022 04:00 - 05:30	97197	14/06/2022 4:38	LOR1	Actual	Actual LOR1 declared. Decreased generation availability caused an actual LOR1 condition.	914	533	263	LCR2
14/06/2022	97246	14/06/2022 11:09	LOR1	Cancelled	This cancelled MN 97197. Actual LOR1 cancelled due to the condition clearing after the effective period.	870	1,392	160	LCR
14/06/2022 16:30 - 00:00	97248	14/06/2022 11:21	LOR3	Update	Update to the LOR3 forecast in MN 97174 with a change in effective period due to decreased generation availability.	0	-2,113	406	0
14/06/2022 15:30 - 16:30	97249	14/06/2022 11:22	LOR2	Update	Update to the LOR2 forecast in MN 97175 with a change in effective period due to decreased generation availability.	487	162	427	LCR
14/06/2022 15:00 - 15:30	97264	14/06/2022 12:02	LOR1	Update	Update to the LOR1 forecast in MN 97182 with a change in effective period due to decreased generation availability.	914	793	394	LCR2
14/06/2022 16:30 - 00:00	97269	14/06/2022 12:29	LOR3	Update	Update to the LOR3 forecast in MN 97248 with the same effective period and increased reserves due to increased generation availability.	0	-1,790	423	0
14/06/2022 15:30 - 16:30	97270	14/06/2022 12:30	LOR2	Update	Update to the LOR2 forecast in MN 97249 with a change in effective period due to decreased generation availability.	487	297	406	LCR

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
14/06/2022 15:00 - 15:30	97275	14/06/2022 13:15	LOR1	Update	Update to the LOR1 forecast in MN 97264 with a change in effective period due to decreased generation availability.	914	897	360	LCR2
14/06/2022 15:30 - 16:30	97276	14/06/2022 13:16	LOR2	Update	Update to the LOR2 forecast in MN 97270 with a change in effective period due to decreased generation availability.	487	335	394	LCR
14/06/2022 16:30 - 00:00	97277	14/06/2022 13:18	LOR3	Update	Update to the LOR3 forecast in MN 97269 with the same effective period and increased reserves due to increased generation availability.	0	-1,538	406	0
14/06/2022 15:00 - 15:30	97290	14/06/2022 13:58	LOR1	Update	Update to the LOR1 forecast in MN 97275 with a change in effective period due to decreased generation availability.	914	900	338	LCR2
14/06/2022 15:30 - 16:30	97291	14/06/2022 13:58	LOR2	Update	Update to the LOR2 forecast in MN 97276 with a change in effective period due to decreased generation availability.	487	339	378	LCR
14/06/2022 17:00 - 22:30	97310	14/06/2022 15:47	LOR3	Update	Update to the LOR3 forecast in MN 97277 with a change in effective period due to increased generation availability.	0	-797	435	0
14/06/2022 20:00 - 20:30	97355	14/06/2022 16:57	LOR1	Update	Update to the LOR1 forecast in MN 97290 with a change in effective period due to decreased generation availability.	1,163	909	394	LCR2
14/06/2022 21:30 - 22:30	97355	14/06/2022 16:57	LOR1	Update	Update to the LOR1 forecast in MN 97290 with a change in effective period due to decreased generation availability.	1,163	738	428	LCR2
14/06/2022 21:00 - 21:30	97356	14/06/2022 16:59	LOR2	Update	Update to the LOR2 forecast in MN 97291 with a change in effective period due to decreased generation availability.	720	602	418	LCR
14/06/2022 17:00 - 20:00	97356	14/06/2022 16:59	LOR2	Update	Update to the LOR2 forecast in MN 97291 with a change in effective period due to decreased generation availability.	720	178	378	LCR

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
14/06/2022 19:30 - 20:00	97377	14/06/2022 17:59	LOR2	Update	Update to the LOR2 forecast in MN 97356 with a change in effective period due to decreased generation availability.	720	448	338	LCR
14/06/2022 21:30 - 22:00	97377	14/06/2022 17:59	LOR2	Update	Update to the LOR2 forecast in MN 97356 with a change in effective period due to decreased generation availability.	720	684	406	LCR
14/06/2022 21:00 - 21:30	97378	14/06/2022 18:02	LOR1	Update	Update to the LOR1 forecast in MN 97355 with a change in effective period due to decreased generation availability.	1,163	820	394	LCR2
14/06/2022 22:00 - 22:30	97378	14/06/2022 18:02	LOR1	Update	Update to the LOR1 forecast in MN 97355 with a change in effective period due to decreased generation availability.	1,163	826	418	LCR2
14/06/2022 19:00 - 19:30	97378	14/06/2022 18:02	LOR1	Update	Update to the LOR1 forecast in MN 97355 with a change in effective period due to decreased generation availability.	987	789	310	LCR2
14/06/2022 20:00 - 20:30	97378	14/06/2022 18:02	LOR1	Update	Update to the LOR1 forecast in MN 97355 with a change in effective period due to decreased generation availability.	977	924	360	LCR2
14/06/2022 18:30 - 19:00	97398	14/06/2022 18:43	LOR1	Update	Update to the LOR1 forecast in MN 97378 with a change in effective period due to decreased generation availability.	1,030	768	241	LCR2
14/06/2022 22:00 - 22:30	97398	14/06/2022 18:43	LOR1	Update	Update to the LOR1 forecast in MN 97378 with a change in effective period due to decreased generation availability.	1,163	768	406	LCR2
14/06/2022 21:00 - 22:00	97396	14/06/2022 18:44	LOR2	Update	Update to the LOR2 forecast in MN 97377 with a change in effective period due to decreased generation availability.	720	601	394	LCR
South Australia region									
04/04/2022 18:00 - 20:30	95635	29/03/2022 15:10	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	460	355	n/a – forecast > 72 hrs ahead	LCR2
05/04/2022 18:30 - 19:00	95635	29/03/2022 15:10	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	460	454	n/a – forecast > 72 hrs ahead	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
04/04/2022; 05/04/2022	95654	30/03/2022 14:53	LOR1	Cancelled	This cancelled MN 95635. Forecast LOR1 cancelled due to increased generation availability.	460	507	n/a – forecast > 72 hrs ahead	LCR2
16/04/2022 18:00 - 19:30	95867	15/04/2022 12:50	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	600	471	377	LCR2
16/04/2022	95876	15/04/2022 16:08	LOR1	Cancelled	This cancelled MN 95867. Forecast LOR1 cancelled due to increased generation availability.	600	655	320	LCR2
09/05/2022 18:30 - 21:00	95988	02/05/2022 14:55	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	600	453	n/a – forecast > 72 hrs ahead	LCR2
09/05/2022	96016	03/05/2022 15:04	LOR1	Cancelled	This cancelled MN 95988. Forecast LOR1 cancelled due to increased generation availability and decreased forecast demand.	600	838	n/a – forecast > 72 hrs ahead	LCR2
09/05/2022 18:00 - 19:30	96044	04/05/2022 14:39	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	600	537	n/a – forecast > 72 hrs ahead	LCR2
10/05/2022 06:30 - 09:00	96044	04/05/2022 14:39	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	376	228	n/a – forecast > 72 hrs ahead	LCR2
09/05/2022; 10/05/2022	96072	05/05/2022 14:59	LOR1	Cancelled	This cancelled MN 96044. Forecast LOR1 cancelled due to increased generation availability.	600	725	n/a – forecast > 72 hrs ahead	LCR2
11/05/2022 07:00 - 09:00	96044	04/05/2022 14:39	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	360	316	n/a – forecast > 72 hrs ahead	LCR2
11/05/2022 07:30 - 08:00; 08:30 - 09:00	96074	05/05/2022 15:00	LOR1	Update	Update to MN 96044 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	359	335	n/a – forecast > 72 hrs ahead	LCR2
11/05/2022 17:00 - 17:30	96074	05/05/2022 15:00	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	381	331	n/a – forecast > 72 hrs ahead	LCR2
11/05/2022 17:30 - 18:00	96076	05/05/2022 15:01	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	200	172	n/a – forecast > 72 hrs ahead	LCR

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
11/05/2022	96088	05/05/2022 16:42	LOR2	Cancelled	This cancelled MN 96076. Forecast LOR2 cancelled due to increased generation availability.	400	492	n/a – forecast > 72 hrs ahead	LCR
11/05/2022	96123	06/05/2022 15:12	LOR1	Cancelled	This cancelled MN 96074. Forecast LOR1 cancelled due to increased generation availability.	600	994	n/a – forecast > 72 hrs ahead	LCR2
11/05/2022 07:30 - 08:00; 08:30 - 09:00	96165	08/05/2022 15:40	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability and increased forecast demand.	529	464	529	FUM
11/05/2022 08:00 - 09:30	96171	08/05/2022 19:30	LOR2	Update	Update to MN 96165 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability and increased forecast demand.	537	422	537	FUM
11/05/2022 08:30 - 09:00	96180	09/05/2022 10:54	LOR2	Update	Update to MN 96171 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability and decreased forecast demand.	538	505	538	FUM
11/05/2022	96182	09/05/2022 12:33	LOR2	Cancelled	This cancelled MN 96180. Forecast LOR2 cancelled due to increased generation availability.	512	516	512	FUM
11/05/2022 08:30 - 09:00	96220	09/05/2022 19:48	LOR2	Forecast	Forecast LOR2 declared due to increased forecast demand.	424	380	424	FUM
11/05/2022	96223	09/05/2022 22:33	LOR2	Cancelled	This cancelled MN 96220. Forecast LOR2 cancelled due to increased generation availability.	427	450	427	FUM
11/05/2022 08:30 - 09:00	96229	10/05/2022 10:51	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	372	310	372	FUM
11/05/2022	96230	10/05/2022 11:27	LOR2	Cancelled	This cancelled MN 96229. Forecast LOR2 cancelled due to increased generation availability.	367	489	367	FUM

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
11/05/2022 07:30 - 08:30	96249	10/05/2022 23:22	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	395	365	182	LCR2
11/05/2022	96250	11/05/2022 03:53	LOR1	Cancelled	This cancelled MN 96249. Forecast LOR1 cancelled due to increased generation availability.	395	428	210	LCR2
11/05/2022 08:00 - 08:30	96267	11/05/2022 08:15	LOR1	Actual	Actual LOR1 declared. Decreased generation availability caused an actual LOR1 condition.	395	351	88	LCR2
11/05/2022	96269	11/05/2022 08:59	LOR1	Cancelled	This cancelled MN 96267. Actual LOR1 cancelled due to increased generation availability.	395	520	88	LCR2
12/05/2022 06:00 - 7:00; 09:00 - 10:00	96074	05/05/2022 15:00	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	387	241	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022 17:00 - 17:30	96074	05/05/2022 15:00	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	381	336	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022 07:00 - 09:30	96076	05/05/2022 15:01	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	200	59	n/a – forecast > 72 hrs ahead	LCR
12/05/2022 17:30 - 18:00	96076	05/05/2022 15:01	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	200	170	n/a – forecast > 72 hrs ahead	LCR
12/05/2022 08:00 - 09:00	96116	06/05/2022 10:33	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	200	90	n/a – forecast > 72 hrs ahead	LCR
12/05/2022 17:30 - 18:00	96116	06/05/2022 10:33	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	200	175	n/a – forecast > 72 hrs ahead	LCR
12/05/2022 06:30 - 10:00	96124	06/05/2022 15:13	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	395	200	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022 17:00 - 17:30	96124	06/05/2022 15:13	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	395	333	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022	96127	06/05/2022 16:34	LOR2	Cancelled	This cancelled MN 96116. Forecast LOR2 cancelled due to increased generation availability.	200	253	n/a – forecast > 72 hrs ahead	LCR

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
12/05/2022 08:30 - 09:00	96135	06/05/2022 23:26	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	200	151	n/a – forecast > 72 hrs ahead	LCR
12/05/2022	96136	07/05/2022 04:43	LOR2	Cancelled	This cancelled MN 96135. Forecast LOR2 cancelled due to increased generation availability.	200	252	n/a – forecast > 72 hrs ahead	LCR
12/05/2022 07:30 - 10:00	96140	07/05/2022 14:30	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	395	225	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022 17:00 - 18:00	96140	07/05/2022 14:30	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	395	279	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022 08:30 - 09:00	96142	07/05/2022 16:34	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	200	172	n/a – forecast > 72 hrs ahead	LCR
12/05/2022 17:30 - 18:00	96142	07/05/2022 16:34	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	200	104	n/a – forecast > 72 hrs ahead	LCR
12/05/2022 07:30 - 10:00	96150	07/05/2022 22:47	LOR2	Update	Update to MN 96142 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability.	200	19	n/a – forecast > 72 hrs ahead	LCR
12/05/2022 17:00 - 18:00	96150	07/05/2022 22:47	LOR2	Update	Update to MN 96142 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability.	200	39	n/a – forecast > 72 hrs ahead	LCR
12/05/2022 08:30 - 09:00	96156	08/05/2022 04:35	LOR3	Forecast	Forecast LOR3 declared due to decreased generation availability.	0	-54	n/a – forecast > 72 hrs ahead	0
12/05/2022 08:00 - 09:30	96158	08/05/2022 09:37	LOR3	Update	Update to MN 96156 due to change in effective period and forecast reserve level. The forecast LOR3 condition worsened due to decreased generation availability and increased forecast demand.	0	-113	n/a – forecast > 72 hrs ahead	0
12/05/2022 17:30 - 18:00	96158	08/05/2022 09:37	LOR3	Forecast	Forecast LOR3 declared due to decreased generation availability and increased forecast demand.	0	-7	n/a – forecast > 72 hrs ahead	0

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
12/05/2022 13:00 - 16:30	96163	08/05/2022 14:37	LOR1	Update	Update to MN 96140 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability and increased forecast demand.	395	206	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022 20:00 - 13/05/2022 01:00	96163	08/05/2022 14:37	LOR1	Update	Update to MN 96140 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability and increased forecast demand.	584	338	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022	96164	08/05/2022 15:32	LOR3	Cancelled	This cancelled MN 96158. Forecast LOR3 cancelled due to increased generation availability.	0	100	n/a – forecast > 72 hrs ahead	0
12/05/2022 08:00 - 09:30	96165	08/05/2022 15:40	LOR2	Update	Update to MN 96150 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability.	200	81	n/a – forecast > 72 hrs ahead	LCR
12/05/2022 17:30 - 18:00	96165	08/05/2022 15:40	LOR2	Update	Update to MN 96150 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability.	200	100	n/a – forecast > 72 hrs ahead	LCR
12/05/2022 08:00 - 09:30	96171	08/05/2022 19:30	LOR2	Update	Update to MN 96165 due to change in forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability.	200	49	n/a – forecast > 72 hrs ahead	LCR
12/05/2022 06:00 - 08:00; 09:30 - 14:30	96172	08/05/2022 19:33	LOR1	Update	Update to MN 96163 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	400	208	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022 16:30 - 17:30; 18:00 - 21:30	96172	08/05/2022 19:33	LOR1	Update	Update to MN 96163 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability.	400	229	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022 17:30 - 18:00	96173	08/05/2022 22:40	LOR2	Update	Update to MN 96165 due to change in forecast reserve level. The forecast LOR2	200	175	n/a – forecast > 72 hrs ahead	LCR

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
					condition improved due to increased generation availability.				
12/05/2022 09:30 - 10:30	96174	08/05/2022 22:41	LOR1	Update	Update to MN 96172 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	400	278	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022 08:00 - 8:30 09:00 - 10:30	96176	09/05/2022 04:31	LOR1	Update	Update to MN 96172 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability.	400	223	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022 17:00 - 18:00	96176	09/05/2022 04:31	LOR1	Update	Update to MN 96172 due to change in effective period and forecast reserve level. Forecast LOR1 improved due to increased generation availability.	400	200	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022 06:00 - 10:00	96179	09/05/2022 10:53	LOR2	Update	Update to MN 96173 due to change in effective period and forecast reserve level. Forecast LOR2 worsened due to decreased generation availability.	399	49	399	FUM
12/05/2022 06:00 - 12:00	96183	09/05/2022 12:34	LOR2	Update	Update to MN 96179 due to change in effective period and forecast reserve level. Forecast LOR2 worsened due to increased forecast demand.	444	47	444	FUM
12/05/2022 14:00 - 14:30; 15:00 - 15:30; 16:30 - 17:30	96189	09/05/2022 14:46	LOR1	Update	Update to MN 96176 due to change in effective period and forecast reserve level. Forecast LOR1 worsened due to decreased generation availability.	400	221	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022 18:30 - 22:00	96189	09/05/2022 14:46	LOR1	Update	Update to MN 96176 due to change in effective period and forecast reserve level. Forecast LOR1 worsened due to decreased generation availability.	600	501	n/a – forecast > 72 hrs ahead	LCR2
12/05/2022 23:30 - 13/05/2022 00:00	96189	09/05/2022 14:46	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	597	595	n/a – forecast > 72 hrs ahead	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
12/05/2022 06:30 - 14:00	96191	09/05/2022 14:48	LOR2	Update	Update to MN 96183 due to change in effective period and forecast reserve level. Forecast LOR2 worsened due to increased forecast demand.	447	40	447	FUM
12/05/2022 08:30 - 09:00	96225	10/05/2022 07:01	LOR3	Forecast	Forecast LOR3 declared due to decreased generation availability.	0	-166	375	0
12/05/2022	96227	10/05/2022 08:32	LOR3	Cancelled	This cancelled MN 96225. Forecast LOR3 cancelled due to increased generation and decreased forecast demand.	0	103	373	0
12/05/2022 06:30 - 15:30	96228	10/05/2022 10:00	LOR2	Update	Update to MN 96191 due to change in effective period and forecast reserve level. Forecast LOR2 worsened due to increased forecast demand.	377	29	377	FUM
12/05/2022 16:30 - 18:30	96228	10/05/2022 10:00	LOR2	Update	Update to MN 96173 due to change in effective period and forecast reserve level. Forecast LOR2 worsened due to decreased generation availability and increased forecast demand.	363	17	363	FUM
12/05/2022 08:00 - 10:00	96233	10/05/2022 14:51	LOR3	Forecast	Forecast LOR3 declared due to decreased generation availability.	0	-166	346	0
12/05/2022 18:30 - 21:30	96235	10/05/2022 14:54	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and increased forecast demand.	600	403	382	LCR2
12/05/2022	96244	10/05/2022 17:42	LOR3	Cancelled	This cancelled MN 96233. Forecast LOR3 cancelled due to increased net import.	0	488	359	0
12/05/2022	96245	10/05/2022 17:48	LOR2	Cancelled	This cancelled MN 96228. Forecast LOR2 cancelled due to increased net import.	379	978	379	FUM
12/05/2022	96271	11/05/2022 14:43	LOR1	Cancelled	This cancelled MN 96235. Forecast LOR1 cancelled due to increased generation availability.	600	1,099	309	LCR2
12/05/2022 08:00 - 08:30	96273	12/05/2022 06:10	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	600	581	195	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
12/05/2022	96275	12/05/2022 08:14	LOR1	Cancelled	This cancelled MN 96273. Forecast LOR1 cancelled due to increased generation availability.	600	710	88	LCR2
12/05/2022 21:00 - 21:30	96291	12/05/2022 20:25	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	600	583	144	LCR2
12/05/2022	96295	12/05/2022 21:45	LOR1	Cancelled	This cancelled MN 96291. Forecast LOR1 cancelled due to increased generation availability.	600	656	80	LCR2
13/05/2022 07:30 - 08:30	96282	12/05/2022 12:58	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	400	379	254	LCR2
13/05/2022 17:30 - 20:00	96286	12/05/2022 14:29	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	600	520	207	LCR2
13/05/2022	96290	12/05/2022 20:14	LOR1	Cancelled	This cancelled MN 96286. Forecast LOR1 cancelled due to increased net import.	600	949	350	LCR2
14/05/2022 18:00 - 18:30	96298	13/05/2022 12:59	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	370	350	370	FUM
14/05/2022	96300	13/05/2022 14:00	LOR2	Cancelled	This cancelled MN 96298. Forecast LOR2 cancelled due to increased generation.	344	348	344	FUM
14/05/2022 18:00 - 18:30	96299	13/05/2022 14:02	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	442	349	344	LCR2
14/05/2022	96304	13/05/2022 16:00	LOR1	Cancelled	This cancelled MN 96299. Forecast LOR1 cancelled due to increased generation availability.	595	1,016	354	LCR2
16/05/2022 08:00 - 09:00	96190	09/05/2022 14:47	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	424	380	n/a – forecast > 72 hrs ahead	LCR2
16/05/2022 17:30 - 18:00	96190	09/05/2022 14:47	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	434	373	n/a – forecast > 72 hrs ahead	LCR2
16/05/2022	96232	10/05/2022 14:53	LOR1	Cancelled	This cancelled MN 96190. Forecast LOR1 cancelled due to increased generation availability.	448	809	n/a – forecast > 72 hrs ahead	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
16/05/2022 18:00 - 18:30	96361	15/05/2022 14:31	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	448	435	311	LCR2
16/05/2022	96379	15/05/2022 19:21	LOR1	Cancelled	This cancelled MN 96361. Forecast LOR1 cancelled due to increased generation availability.	448	651	258	LCR2
17/05/2022 07:30 - 08:30	96363	15/05/2022 14:32	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	373	293	373	FUM
17/05/2022 07:00 - 07:30; 08:30 - 09:30	96364	15/05/2022 14:45	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	448	394	375	LCR2
17/05/2022	96412	16/05/2022 14:48	LOR1	Cancelled	This cancelled MN 96364. Forecast LOR1 cancelled due to increased generation availability.	450	520	224	LCR2
18/05/2022 18:00 - 18:30	96272	11/05/2022 14:44	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	446	415	n/a – forecast > 72 hrs ahead	LCR2
18/05/2022	96285	12/05/2022 14:30	LOR1	Cancelled	This cancelled MN 96272. Forecast LOR1 cancelled due to increased generation availability.	446	705	n/a – forecast > 72 hrs ahead	LCR2
18/05/2022 18:00 - 18:30	96302	13/05/2022 14:42	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	446	393	n/a – forecast > 72 hrs ahead	LCR2
18/05/2022 17:30 - 18:30	96364	15/05/2022 14:45	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	448	332	n/a – forecast > 72 hrs ahead	LCR2
18/05/2022 18:00 - 18:30	96382	15/05/2022 20:37	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	397	328	397	FUM
18/05/2022	96390	16/05/2022 05:34	LOR2	Cancelled	This cancelled MN 96382. Forecast LOR2 cancelled due to increased generation availability and decreased forecast demand.	425	442	425	FUM

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
18/05/2022 18:00 - 18:30	96392	16/05/2022 07:29	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability and increased forecast demand.	427	419	427	FUM
18/05/2022	96393	16/05/2022 09:03	LOR2	Cancelled	This cancelled MN 96392. Forecast LOR2 cancelled due to increased generation availability.	408	415	408	FUM
18/05/2022 18:00 - 18:30	96395	16/05/2022 09:33	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability and increased forecast demand.	423	382	423	FUM
18/05/2022	96425	17/05/2022 10:52	LOR2	Cancelled	This cancelled MN 96395. Forecast LOR2 cancelled due to increased net import.	398	875	398	FUM
19/05/2022 18:00 - 18:30	96319	14/05/2022 14:56	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	400	325	n/a – forecast > 72 hrs ahead	LCR2
19/05/2022 17:30 - 18:30	96364	15/05/2022 14:45	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	376	216	n/a – forecast > 72 hrs ahead	LCR2
19/05/2022 17:30 - 18:30	96411	16/05/2022 14:49	LOR1	Forecast	Forecast LOR1 declared due to increased forecast demand.	376	275	n/a – forecast > 72 hrs ahead	LCR2
19/05/2022 18:00 - 18:30	96415	16/05/2022 16:35	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	200	161	n/a – forecast > 72 hrs ahead	LCR
19/05/2022 08:00 - 08:30	96421	16/05/2022 23:36	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	557	552	557	FUM
19/05/2022	96426	17/05/2022 10:53	LOR2	Cancelled	This cancelled MN 96421. Forecast LOR2 cancelled due to increased net import.	528	900	528	FUM
01/06/2022 18:30 - 19:00; 21:00 - 21:30	96698	01/06/2022 04:49	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	600	594	214	LCR2
1/06/2022	96722	01/06/2022 14:49	LOR1	Cancelled	This cancelled MN 96698. Forecast LOR1 cancelled due to increased generation availability.	600	623	212	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
02/06/2022 07:30 - 08:30	96711	01/06/2022 12:58	LOR2	Forecast	Forecast LOR2 declared due to reduced net import.	250	118	247	LCR
2/06/2022	96715	01/06/2022 14:25	LOR2	Cancelled	This cancelled MN 96711. Forecast LOR2 cancelled due to increased net import.	250	867	224	LCR
05/06/2022 18:00 - 19:30	96815	05/06/2022 18:24	LOR1	Actual	Actual LOR1 declared. Decreased generation availability caused an actual LOR1 condition.	352	275	80	LCR2
5/06/2022	96821	05/06/2022 19:18	LOR1	Cancelled	This cancelled MN 96815. Actual LOR1 cancelled due to increased generation availability.	352	394	80	LCR2
06/06/2022 18:00 - 22:00	96674	31/05/2022 15:07	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	470	305	n/a – forecast > 72 hrs ahead	LCR2
6/06/2022	96739	02/06/2022 15:13	LOR1	Cancelled	This cancelled MN 96674. Forecast LOR1 cancelled due to increased generation availability.	470	1,201	n/a – forecast > 72 hrs ahead	LCR2
06/06/2022 07:30 - 08:30	96833	06/06/2022 07:19	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	368	307	144	LCR2
06/06/2022 08:00 - 08:30	96835	06/06/2022 08:16	LOR1	Actual	Actual LOR1 declared. Increased demand caused an actual LOR1 condition.	370	355	102	LCR2
6/06/2022	96836	06/06/2022 08:42	LOR1	Cancelled	This cancelled MN 96835. Actual LOR1 cancelled due to increased generation availability.	345	536	88	LCR2
07/06/2022 18:30 - 21:00	96667	31/05/2022 14:16	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	235	203	n/a – forecast > 72 hrs ahead	LCR
7/06/2022	96671	31/05/2022 14:35	LOR2	Cancelled	This cancelled MN 96667. Forecast LOR2 cancelled due to increased net import.	232	715	n/a – forecast > 72 hrs ahead	LCR
07/06/2022 07:30 - 09:00	96674	31/05/2022 15:07	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	460	362	n/a – forecast > 72 hrs ahead	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
07/06/2022	96718	01/06/2022 15:08	LOR1	Cancelled	This cancelled MN 96674. Forecast LOR1 cancelled due to increased generation availability.	461	599	n/a – forecast > 72 hrs ahead	LCR2
27/06/2022 17:30 - 21:00	98646	20/06/2022 14:35	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and increased forecast demand.	600	366	n/a – forecast > 72 hrs ahead	LCR2
27/06/2022 18:30 - 19:30	98738	21/06/2022 14:27	LOR1	Update	Update to MN 98646 due to change in effective period and forecast reserve level. The forecast LOR1 condition improved due to increased generation availability and decreased forecast demand.	514	477	n/a – forecast > 72 hrs ahead	LCR2
27/06/2022 18:30 - 19:30	98800	22/06/2022 08:41	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability and increased forecast demand.	306	266	n/a – forecast > 72 hrs ahead	LCR
27/06/2022 17:30 - 21:00	98821	22/06/2022 14:43	LOR2	Update	Update to MN 98800 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability and increased forecast demand.	348	66	n/a – forecast > 72 hrs ahead	LCR
27/06/2022 8:00 - 9:00	98822	22/06/2022 14:44	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	600	575	n/a – forecast > 72 hrs ahead	LCR2
27/06/2022 17:00 - 17:30; 21:00 - 22:00	98822	22/06/2022 14:44	LOR1	Update	Update to MN 98738 due to change in effective period and forecast reserve level. The forecast LOR1 condition worsened due to decreased generation availability and increased forecast demand.	560	341	n/a – forecast > 72 hrs ahead	LCR2
27/06/2022 18:30 - 19:30	99066	23/06/2022 11:20	LOR2	Update	Update to MN 98821 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability and decreased forecast demand.	350	331	n/a – forecast > 72 hrs ahead	LCR
27/06/2022	99069	23/06/2022 11:55	LOR2	Cancelled	This cancelled MN 99066. Forecast LOR2 cancelled as reserves improved due to increased generation availability.	350	530	n/a – forecast > 72 hrs ahead	LCR

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
28/06/2022 18:00 - 20:30	99583	26/06/2022 10:51	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability and increased forecast demand.	615	496	615	FUM
29/06/2022 17:00 - 17:30	99620	26/06/2022 14:36	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and increased forecast demand.	450	410	n/a – forecast > 72 hrs ahead	LCR2
29/06/2022 16:30 - 18:30	99673	26/06/2022 23:20	LOR2	Update	Update to MN 99583 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability and reduced net import.	490	19	490	FUM
29/06/2022 18:00 - 18:30	99700	27/06/2022 10:49	LOR3	Forecast	Forecast LOR3 declared due to decreased generation availability.	0	-34	421	0
29/06/2022 17:00 - 18:00	99702	27/06/2022 10:51	LOR2	Update	Update to MN 99673 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased net import and decreased forecast demand.	427	124	427	FUM
29/06/2022	99714	27/06/2022 15:02	LOR3	Cancelled	This cancelled MN 99700. Forecast LOR3 cancelled as reserves improved due to increased generation availability and increased net import.	0	149	425	0
29/06/2022 18:00 - 18:30	99721	27/06/2022 23:28	LOR2	Update	Update to MN 99702 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability.	394	298	394	FUM
29/06/2022 17:30 - 18:30	99725	28/06/2022 08:41	LOR2	Update	Update to MN 99721 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability and reduced net import.	389	202	389	FUM
29/06/2022	99729	28/06/2022 10:35	LOR2	Cancelled	This cancelled MN 99725. Forecast LOR2 cancelled as reserves improved due to increased net import and increased generation availability.	369	647	369	FUM

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
29/06/2022	99735	28/06/2022 14:47	LOR1	Cancelled	This cancelled MN 99620 . Forecast LOR1 cancelled as reserves improved due to increased net import and increased generation availability.	600	1,150	329	LCR2
29/06/2022 18:00 - 18:30	99750	29/06/2022 11:44	LOR1	Forecast	Forecast LOR1 declared due to reduced net import and increased forecast demand.	450	333	205	LCR2
29/06/2022	99765	29/06/2022 17:04	LOR1	Cancelled	This cancelled MN 99750. Forecast LOR1 cancelled as reserves improved due to increased generation availability.	450	459	171	LCR2
30/06/2022 07:30 - 09:30	99072	23/06/2022 13:48	LOR3	Forecast	Forecast LOR3 declared due to decreased generation availability.	0	-151	n/a – forecast > 72 hrs ahead	0
30/06/2022 06:30 - 7:30; 09:30 - 11:00	99073	23/06/2022 13:49	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	250	47	n/a – forecast > 72 hrs ahead	LCR
30/06/2022 17:30 - 22:00	99073	23/06/2022 13:49	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	350	146	n/a – forecast > 72 hrs ahead	LCR
30/06/2022 11:00 - 14:30	99087	23/06/2022 15:19	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	443	326	n/a – forecast > 72 hrs ahead	LCR2
30/06/2022 16:30 - 17:30	99087	23/06/2022 15:19	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and increased forecast demand.	591	374	n/a – forecast > 72 hrs ahead	LCR2
30/06/2022 22:00 - 01/07/2022 01:00	99087	23/06/2022 15:19	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	564	386	n/a – forecast > 72 hrs ahead	LCR2
30/06/2022	99367	24/06/2022 07:25	LOR3	Cancelled	This cancelled MN 99072. Forecast LOR3 cancelled as reserves improved due to increased generation availability.	0	84	n/a – forecast > 72 hrs ahead	0
30/06/2022 07:30 - 09:30	99368	24/06/2022 07:31	LOR2	Update	Update to MN 99073 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability.	250	83	n/a – forecast > 72 hrs ahead	LCR

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
30/06/2022	99373	24/06/2022 10:48	LOR2	Cancelled	This cancelled MN 99368. Forecast LOR2 cancelled as reserves improved due to increased generation availability.	250	550	n/a – forecast > 72 hrs ahead	LCR
30/06/2022 07:30 - 10:00	99417	24/06/2022 14:47	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and reduced net import.	450	295	n/a – forecast > 72 hrs ahead	LCR2
30/06/2022 18:30 - 19:30	99417	24/06/2022 14:47	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	528	510	n/a – forecast > 72 hrs ahead	LCR2
30/06/2022 08:00 - 09:00	99427	24/06/2022 16:43	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability and reduced net import.	250	211	n/a – forecast > 72 hrs ahead	LCR
30/06/2022	99474	25/06/2022 10:35	LOR2	Cancelled	This cancelled MN 99427. Forecast LOR2 cancelled as reserves improved due to increased generation availability.	250	371	n/a – forecast > 72 hrs ahead	LCR
30/06/2022 08:00 - 08:30	99480	25/06/2022 14:33	LOR2	Forecast	Forecast LOR2 declared due to reduced net import.	250	241	n/a – forecast > 72 hrs ahead	LCR
30/06/2022	99482	25/06/2022 16:27	LOR2	Cancelled	This cancelled MN 99480. Forecast LOR2 cancelled as reserves improved due to increased generation availability.	250	350	n/a – forecast > 72 hrs ahead	LCR
30/06/2022 07:30 - 08:00	99698	27/06/2022 09:06	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	373	366	373	FUM
30/06/2022 07:30 - 09:00	99699	27/06/2022 09:36	LOR2	Update	Update to MN 99698 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability and increased forecast demand.	386	316	386	FUM
30/06/2022 06:30 - 10:00	99701	27/06/2022 10:50	LOR2	Update	Update to MN 99699 due to change in effective period and forecast reserve level. The forecast LOR2 condition worsened due to decreased generation availability and increased forecast demand.	412	5	412	FUM
30/06/2022 07:00 - 09:30	99719	27/06/2022 16:42	LOR2	Update	Update to MN 99701 due to change in effective period and forecast reserve level.	465	202	465	FUM

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
					The forecast LOR2 condition improved due to increased generation availability.				
30/06/2022 08:00 - 09:00	99722	27/06/2022 23:29	LOR2	Update	Update to MN 99719 due to change in effective period and forecast reserve level. The forecast LOR2 condition improved due to increased generation availability.	405	371	405	FUM
30/06/2022	99730	28/06/2022 10:35	LOR2	Cancelled	This cancelled MN 99722. Forecast LOR2 cancelled as reserves improved due to increased generation availability.	444	648	444	FUM
30/06/2022	99739	28/06/2022 14:48	LOR1	Cancelled	This cancelled MN 99417. Forecast LOR1 cancelled as reserves improved due to increased generation availability.	600	1,036	429	LCR2
Victoria region									
01/06/2022 18:30 - 19:00	96669	31/05/2022 13:54	LOR1	Forecast	Forecast LOR1 declared due to reduced net import.	1,168	1,134	903	LCR2
1/06/2022	96684	31/05/2022 15:48	LOR1	Cancel	This cancelled MN 96669. Forecast LOR1 cancelled due to increased net import.	1,162	1,175	802	LCR2
01/06/2022 18:00 - 19:00	96703	01/06/2022 09:19	LOR1	Forecast	Forecast LOR1 declared due to reduced net import.	1,171	1,098	576	LCR2
01/06/2022 17:30 - 19:30	96704	01/06/2022 10:47	LOR1	Update	Update to the LOR1 forecast in MN 96703 with a change in effective period due to reduced net import.	1,171	985	603	LCR2
01/06/2022 18:00 - 19:00	96726	01/06/2022 15:24	LOR1	Forecast	Forecast LOR1 declared due to increased forecast demand.	1,171	1,028	440	LCR2
01/06/2022 17:30 - 19:00	96728	01/06/2022 16:28	LOR1	Update	Update to the LOR1 forecast in MN 96726 with a change in effective period due to increased forecast demand.	1,171	875	385	LCR2
1/06/2022	96729	01/06/2022 16:51	LOR1	Cancel	This cancelled MN 96728. Forecast LOR1 cancelled due to increased net import.	1,171	1,231	349	LCR2
02/06/2022 07:30 - 08:30	96676	31/05/2022 15:09	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,162	962	901	LCR2

Lack of Reserve conditions declared

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						Required	Available		
02/06/2022 08:00 - 08:30	96695	31/05/2022 20:26	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability and increased forecast demand.	868	854	868	FUM
2/06/2022	96696	31/05/2022 23:27	LOR2	Cancel	This cancelled MN 96695. Forecast LOR2 cancelled due to increased generation availability and increased net import.	850	915	850	FUM
02/06/2022 07:30 - 09:00	96710	01/06/2022 12:56	LOR2	Forecast	Forecast LOR2 declared due to increased forecast demand and reduced net import.	750	118	750	FUM
2/06/2022	96714	01/06/2022 14:24	LOR2	Cancel	This cancelled MN 96710. Forecast LOR2 cancelled due to increased generation availability and increased net import.	688	876	688	FUM
13/06/2022 18:00 - 19:00	96983	12/06/2022 17:55	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and reduced net import.	1,168	892	737	LCR2
13/06/2022	96991	12/06/2022 20:19	LOR1	Cancel	This cancelled MN 96983. Forecast LOR1 cancelled due to increased generation availability and increased net import.	1,168	1,420	664	LCR2
14/06/2022 07:30 - 08:00	97078	13/06/2022 13:41	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and reduced net import.	1,159	1,052	705	LCR2
14/06/2022	97098	13/06/2022 14:41	LOR1	Cancelled	This cancelled MN 97078. Forecast LOR1 cancelled due to increased generation availability and net import.	1,159	1,218	856	LCR2
14/06/2022 18:00 - 18:30	97137	13/06/2022 17:57	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and reduced net import.	1,137	1,033	717	LCR2
14/06/2022	97149	13/06/2022 19:49	LOR1	Cancelled	This cancelled MN 97137. Forecast LOR1 cancelled due to decreased forecast demand.	1,137	1,148	673	LCR2
14/06/2022 19:30 - 20:30	97169	13/06/2022 21:29	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and reduced net import.	1,137	693	654	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
14/06/2022 17:30 - 19:30	97168	13/06/2022 21:30	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability and reduced net import.	643	515	643	FUM
14/06/2022 17:30 - 18:30 14/06/2022 19:00 - 19:30	97181	13/06/2022 23:46	LOR2	Update	Update to the LOR2 forecast in MN 97168 with a change in effective period due to decreased generation availability.	637	565	637	FUM
14/06/2022 00:00 - 00:30 14/06/2022 18:30 - 19:00 14/06/2022 19:30 - 20:30	97176	13/06/2022 23:47	LOR1	Update	Update to the LOR1 forecast in MN 97169 with a change in effective period due to decreased generation availability.	1,161	952	642	LCR2
14/06/2022	97262	14/06/2022 11:39	LOR2	Cancelled	This cancelled MN 97181. Forecast LOR1 cancelled due to increased generation availability.	586	806	534	LCR
14/06/2022 17:30 - 18:30 14/06/2022 19:00 - 20:00	97266	14/06/2022 12:10	LOR1	Update	Update to the LOR1 forecast in MN 97176 with a change in effective period due to decreased generation availability.	1,161	1,090	528	LCR2
14/06/2022	97281	14/06/2022 13:24	LOR1	Cancelled	This cancelled MN 97266. Forecast LOR1 cancelled due to increased generation availability.	1,161	1,308	547	LCR2
27/06/2022 18:00 - 18:30	98823	22/06/2022 14:45	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and reduced net import.	1,164	1,152	n/a – forecast > 72 hrs ahead	LCR2
27/06/2022 17:30 - 19:30	99091	23/06/2022 15:20	LOR1	Update	Update to the LOR1 forecast in MN 98823 with a change in effective period due to decreased generation availability.	1,164	586	n/a – forecast > 72 hrs ahead	LCR2
27/06/2022	99415	24/06/2022 14:46	LOR1	Cancelled	This cancelled MN 99706. Forecast LOR1 cancelled due to increased generation availability.	1,164	1,250	n/a – forecast > 72 hrs ahead	LCR2
27/06/2022 18:00 - 19:00	99458	24/06/2022 20:32	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability and increased FUM.	995	888	995	FUM

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
27/06/2022 17:30 - 19:00	99475	25/06/2022 10:38	LOR2	Update	Update to the LOR2 forecast in MN 98823 with a change in effective period due to decreased generation availability.	965	726	965	FUM
27/06/2022	99478	25/06/2022 14:25	LOR2	Cancelled	This cancelled MN 99475. Forecast LOR2 cancelled due to increased generation availability and net import.	951	1,203	951	FUM
28/06/2022 18:30 - 19:00	99706	27/06/2022 13:17	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and reduced net import.	1,164	1,019	892	LCR2
28/06/2022 18:00 - 18:30	99707	27/06/2022 13:18	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability and reduced net import.	899	828	899	FUM
28/06/2022	99708	27/06/2022 13:28	LOR2	Cancelled	This cancelled MN 99707. Forecast LOR2 cancelled due to increased generation availability and net import.	903	1,130	903	FUM
28/06/2022	99711	27/06/2022 13:55	LOR1	Cancelled	This cancelled MN 99706. Forecast LOR1 cancelled due to increased generation availability and net import.	1,164	2,301	691	LCR2
30/06/2022 07:30 - 09:30	99752	29/06/2022 13:25	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	1,164	1,106	735	LCR2
30/06/2022	99761	29/06/2022 15:11	LOR1	Cancelled	This cancelled MN 99706. Forecast LOR1 cancelled due to increased generation availability.	1,164	1,746	674	LCR
Tasmania region									
24/05/2022 08:00 - 09:30	96473	18/05/2022 14:49	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	697	619	n/a – forecast > 72 hrs ahead	LCR2
24/05/2022 08:00 - 08:30	96489	19/05/2022 13:50	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	597	581	n/a – forecast > 72 hrs ahead	LCR
24/05/2022 08:30 - 09:30	96491	19/05/2022 14:41	LOR1	Update	Update to the LOR1 forecast in MN 96473 with a decrease in forecast reserve level due to decreased generation availability.	697	625	n/a – forecast > 72 hrs ahead	LCR2

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
24/05/2022	96492	19/05/2022 16:17	LOR2	Cancel	This cancelled MN 96489. Forecast LOR2 cancelled due to increased generation availability.	597	801	n/a – forecast > 72 hrs ahead	LCR
24/05/2022	96503	20/05/2022 14:49	LOR1	Cancel	This cancelled MN 96473. Forecast LOR1 cancelled due to increased generation availability.	697	779	n/a – forecast > 72 hrs ahead	LCR2
30/05/2022 07:30 - 09:00	96556	25/05/2022 15:02	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and increased forecast demand.	692	659	n/a – forecast > 72 hrs ahead	LCR2
30/05/2022 07:30 - 09:00	96557	25/05/2022 19:37	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability and increased forecast demand.	595	574	n/a – forecast > 72 hrs ahead	LCR
30/05/2022	96558	26/05/2022 0:30	LOR2	Cancel	This cancelled MN 96557. Forecast LOR2 cancelled due to increased generation availability.	595	597	n/a – forecast > 72 hrs ahead	LCR
30/05/2022 09:00 - 10:00	96561	26/05/2022 14:36	LOR1	Update	Update to the LOR1 forecast in MN 96556 with a change in effective period due to increased generation availability.	692	641	n/a – forecast > 72 hrs ahead	LCR2
30/05/2022 31/05/2022	96566	27/05/2022 14:29	LOR1	Cancel	This cancelled MN 96561. Forecast LOR1 cancelled due to increased generation availability.	733	736	n/a – forecast > 72 hrs ahead	LCR2
30/05/2022 09:00 - 10:00	96579	28/05/2022 14:24	LOR1	Forecast	Forecast LOR1 declared due to increased forecast demand.	732	683	168	LCR2
30/05/2022 09:00 - 10:00	96592	29/05/2022 13:25	LOR1	Forecast	Forecast LOR1 declared due to increased forecast demand.	706	653	143	LCR2
30/05/2022	96597	29/05/2022 14:53	LOR1	Cancel	This cancelled MN 96592. Forecast LOR1 cancelled due to increased generation availability.	618	644	139	LCR2
30/05/2022 02/06/2022	96598	29/05/2022 15:04	LOR1	Cancel	This cancelled MN 96579. Forecast LOR1 cancelled due to increased generation availability.	618	644	139	LCR2

Lack of Reserve conditions declared

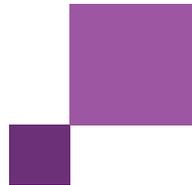
Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
30/05/2022 08:00	96615	30/05/2022 8:43	LOR1	Actual	Actual LOR1 declared. Decreased generation availability caused an actual LOR1 condition.	727	709	32	LCR2
30/05/2022	96616	30/05/2022 9:15	LOR1	Cancel	This cancelled MN 96615. Actual LOR1 condition cancelled due to the condition clearing after the effective period.	727	746	32	LCR2
31/05/2022 07:30 - 09:00	96561	26/05/2022 14:36	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and increased forecast demand.	734	684	n/a – forecast > 72 hrs ahead	LCR2
02/06/2022 07:30 - 10:00	96579	28/05/2022 14:24	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and increased forecast demand.	732	679	n/a – forecast > 72 hrs ahead	LCR2
02/06/2022 07:30 - 10:30	96599	29/05/2022 15:05	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability and increased forecast demand.	732	651	n/a – forecast > 72 hrs ahead	LCR2
02/06/2022 09:00 - 09:30	96610	30/05/2022 4:39	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	617	613	n/a – forecast > 72 hrs ahead	LCR
02/06/2022 08:00 - 08:30	96612	30/05/2022 5:37	LOR2	Update	Update to the LOR2 forecast in MN 96610 with a change in effective period due to decreased generation availability.	617	612	n/a – forecast > 72 hrs ahead	LCR
02/06/2022 09:00 - 09:30	96612	30/05/2022 5:37	LOR2	Update	Update to the LOR2 forecast in MN 96610 with a change in effective period due to decreased generation availability.	617	603	n/a – forecast > 72 hrs ahead	LCR
02/06/2022	96617	30/05/2022 11:25	LOR2	Cancel	This cancelled MN 96612. Forecast LOR2 cancelled due to increased generation availability.	617	628	188	LCR
02/06/2022 08:00 - 08:30	96651	31/05/2022 1:39	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	617	614	172	LCR
02/06/2022 09:00 - 09:30	96651	31/05/2022 1:39	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	617	607	171	LCR

Lack of Reserve conditions declared

Effective date and time	Market Notice ID	Issue date and time	Level	Actual, forecast, update or cancel	Comments	Reserve requirement (MW) ^A		FUM value (MW) ^B	Reserve requirement set by
						Required	Available		
2/06/2022	96655	31/05/2022 4:46	LOR2	Cancel	This cancelled MN 96651. Forecast LOR2 cancelled due to increased generation availability.	617	761	181	LCR
2/06/2022	96670	31/05/2022 15:05	LOR1	Cancel	This cancelled MN 96599. Forecast LOR1 cancelled due to increased generation availability.	733	764	168	LCR2
02/06/2022 08:00 - 08:30	96712	01/06/2022 13:04	LOR2	Forecast	Forecast LOR2 declared due to reduced net import.	146	118	146	FUM
02/06/2022	96716	01/06/2022 14:26	LOR2	Cancel	This cancelled MN 96712. Forecast LOR2 cancelled due to increased net import.	735	855	139	LCR
06/06/2022 07:30 - 09:30	96620	30/05/2022 13:58	LOR2	Forecast	Forecast LOR2 declared due to decreased generation availability.	617	559	n/a – forecast > 72 hrs ahead	LCR
06/06/2022 09:30 - 10:30	96621	30/05/2022 14:59	LOR1	Forecast	Forecast LOR1 declared due to decreased generation availability.	711	649	n/a – forecast > 72 hrs ahead	LCR2
06/06/2022	96650	31/05/2022 01:39	LOR2	Cancel	This cancelled MN 96620. Forecast LOR2 cancelled due to increased generation availability.	617	747	n/a – forecast > 72 hrs ahead	LCR
06/06/2022	96672	31/05/2022 15:06	LOR1	Cancel	This cancelled MN 96621. Forecast LOR1 cancelled due to increased generation availability.	733	1,076	n/a – forecast > 72 hrs ahead	LCR2
08/06/2022 16:00 - 16:30	96725	01/06/2022 15:06	LOR1	Forecast	Forecast LOR2 declared due to decreased generation availability.	734	688	n/a – forecast > 72 hrs ahead	LCR2
08/06/2022	96741	02/06/2022 15:15	LOR1	Cancel	This cancelled MN 96725. Forecast LOR2 cancelled due to increased generation availability and decreased forecast demand.	734	899	n/a – forecast > 72 hrs ahead	LCR2

A. Reserve Required and Reserve Available are the values that correspond to the trading interval in the effective period with the lowest reserve available.

B. The value in this field represents the FUM value for the trading interval during which the minimum available reserve occurred (see Reserve Requirement (MW) – Available field).



4 Review of performance

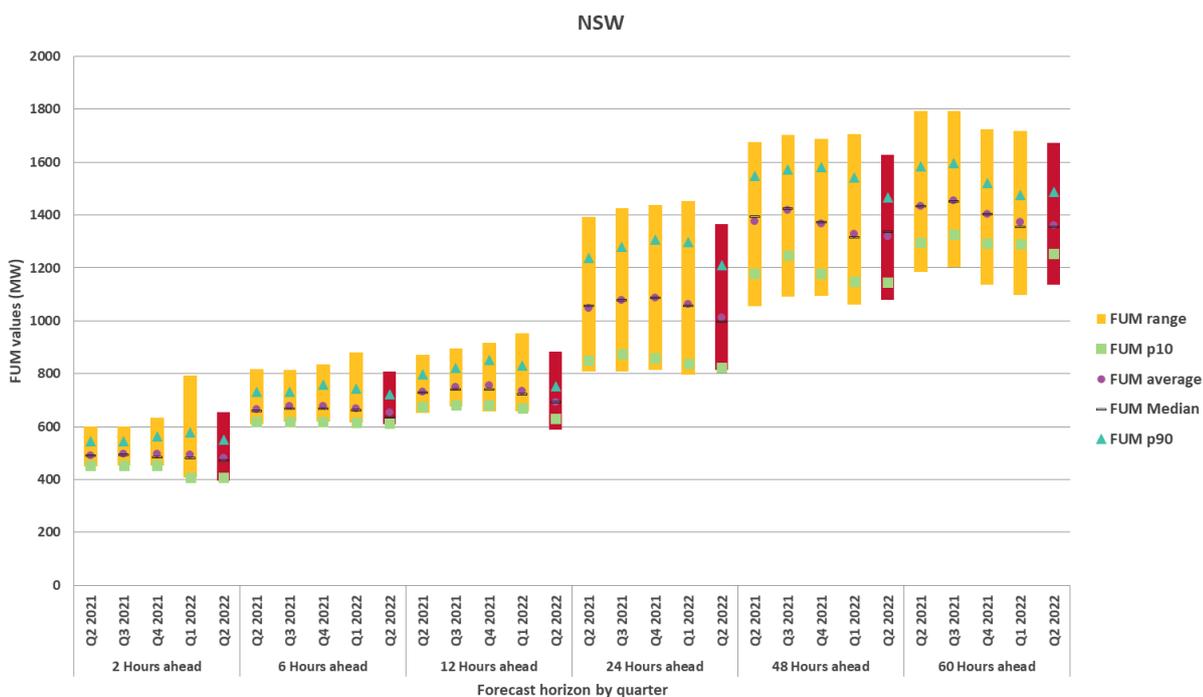
4.1 Forecast Uncertainty Measure values

As in Section 2.1, this section will compare the 10th, 50th (median) and 90th percentile FUM values for this reporting period to those for each quarter from Quarter 2 2021 to Quarter 2 2022 (Figure 2 to Figure 6). FUM values decreasing is indicative of the distribution tightening with decreasing forecast uncertainty.

The most material changes in FUM values between Quarter 1 2022 and Quarter 2 2022 are summarised in this section. For forecast horizons not mentioned, the changes from Quarter 1 2022 were minor:

- New South Wales – the 10th percentile FUM values decreased for the 12 hours ahead forecast horizon. The median FUM values decreased for the 24 hours ahead forecast horizon. The 90th percentile FUM values decreased for the 12, 24 and 48 hours ahead forecast horizons.
- Queensland – 10th, 50th and 90th percentile FUM values were relatively unchanged.
- South Australia – the median FUM values decreased for the 60 hours ahead forecast horizon.
- Tasmania – the 90th percentile FUM values decreased for the two hours ahead forecast horizon and increased for the 48 hours ahead forecast horizon.
- Victoria – 10th, 50th and 90th percentile FUM values were relatively unchanged.

Figure 2 New South Wales region: FUM values for the reporting period, and compared to previous four quarters



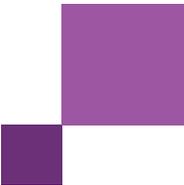


Figure 3 Queensland region: FUM values for the reporting period, and compared to previous four quarters

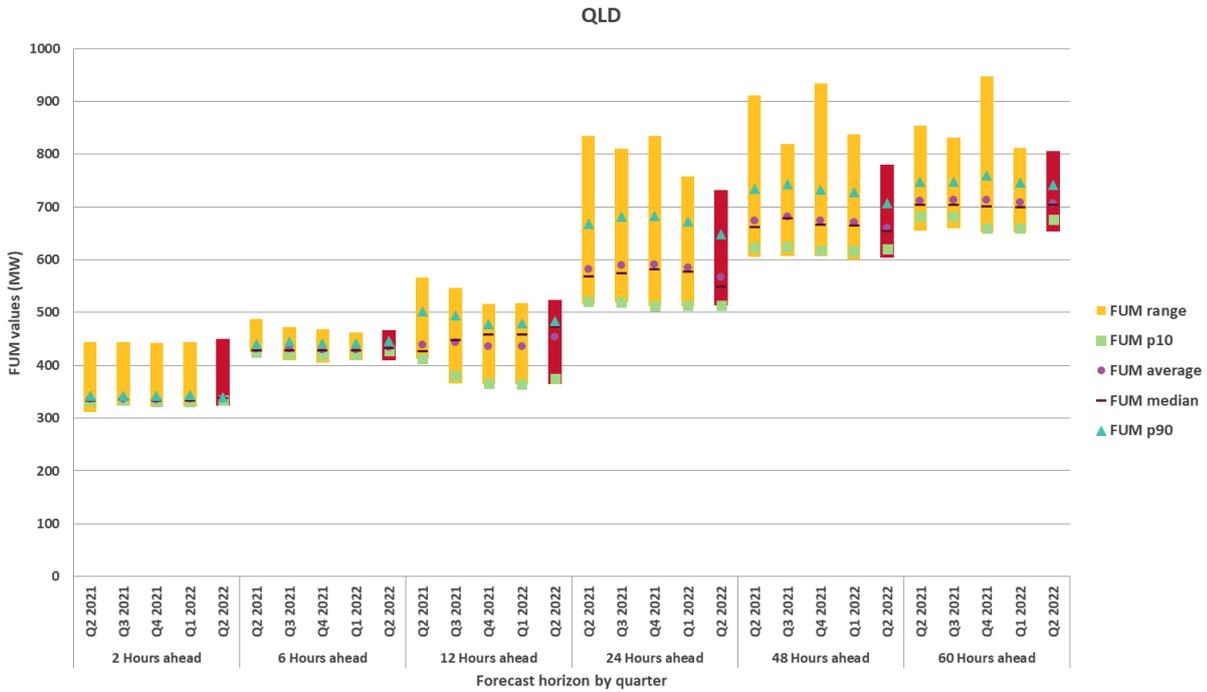
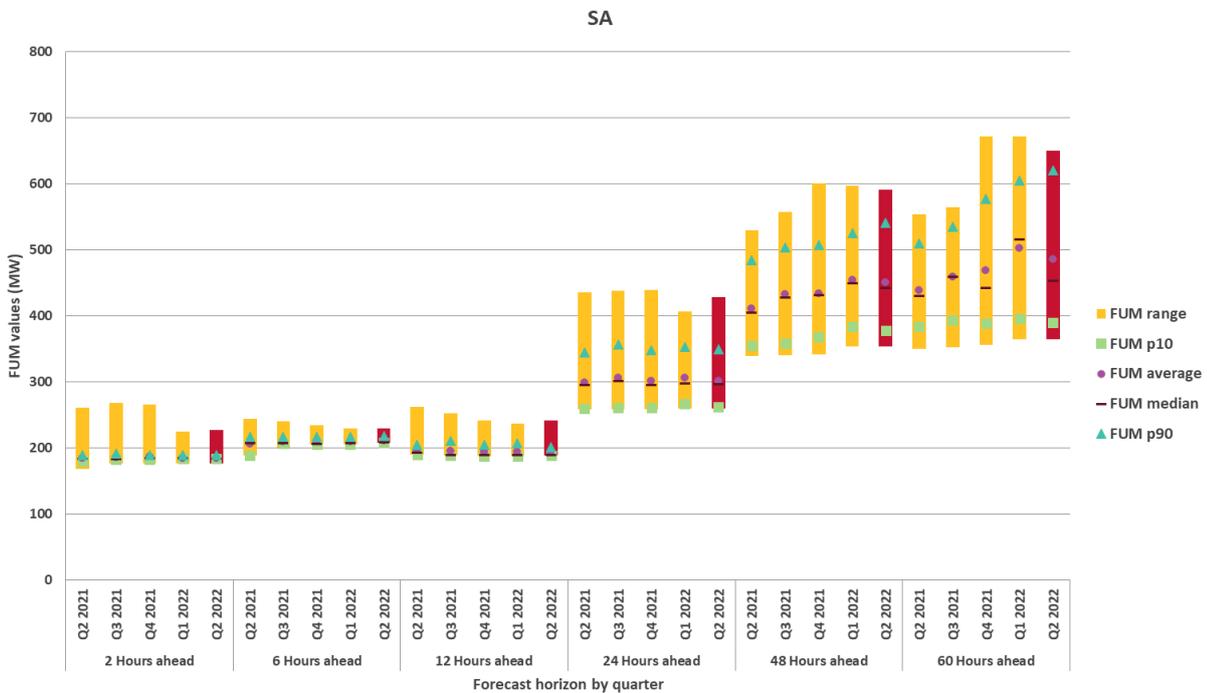


Figure 4 South Australia region: FUM values for the reporting period, and compared to previous four quarters



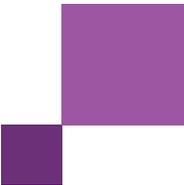


Figure 5 Tasmania region: FUM values for the reporting period, and compared to previous four quarters

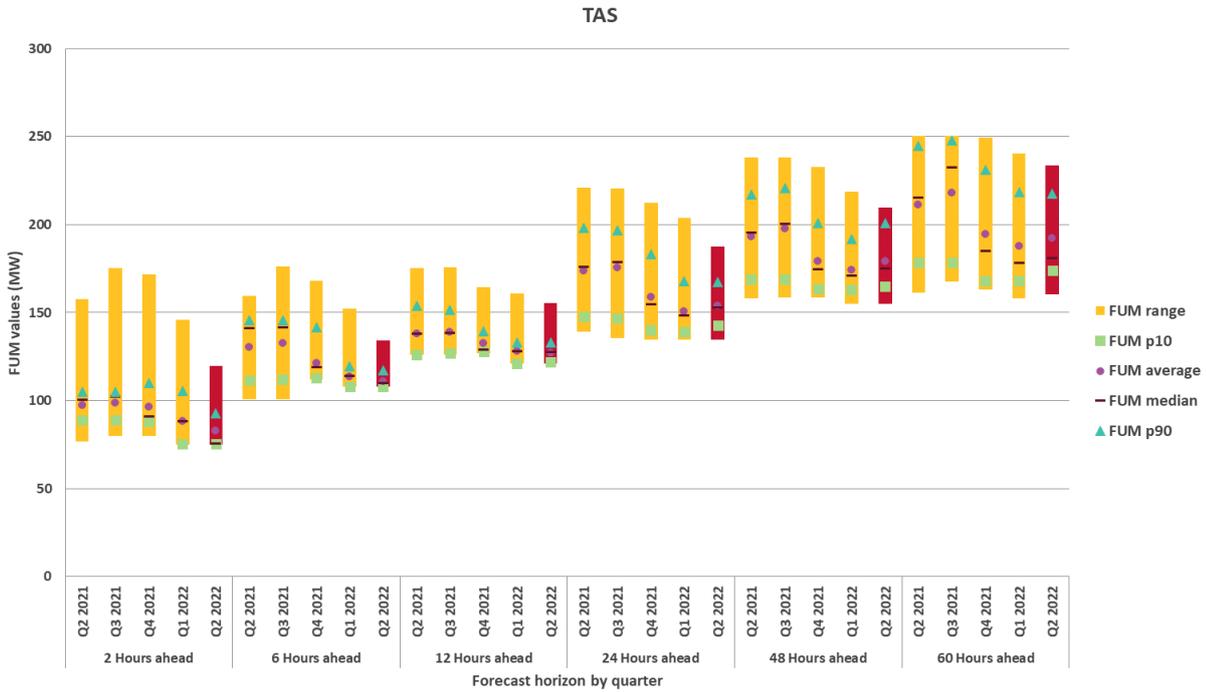
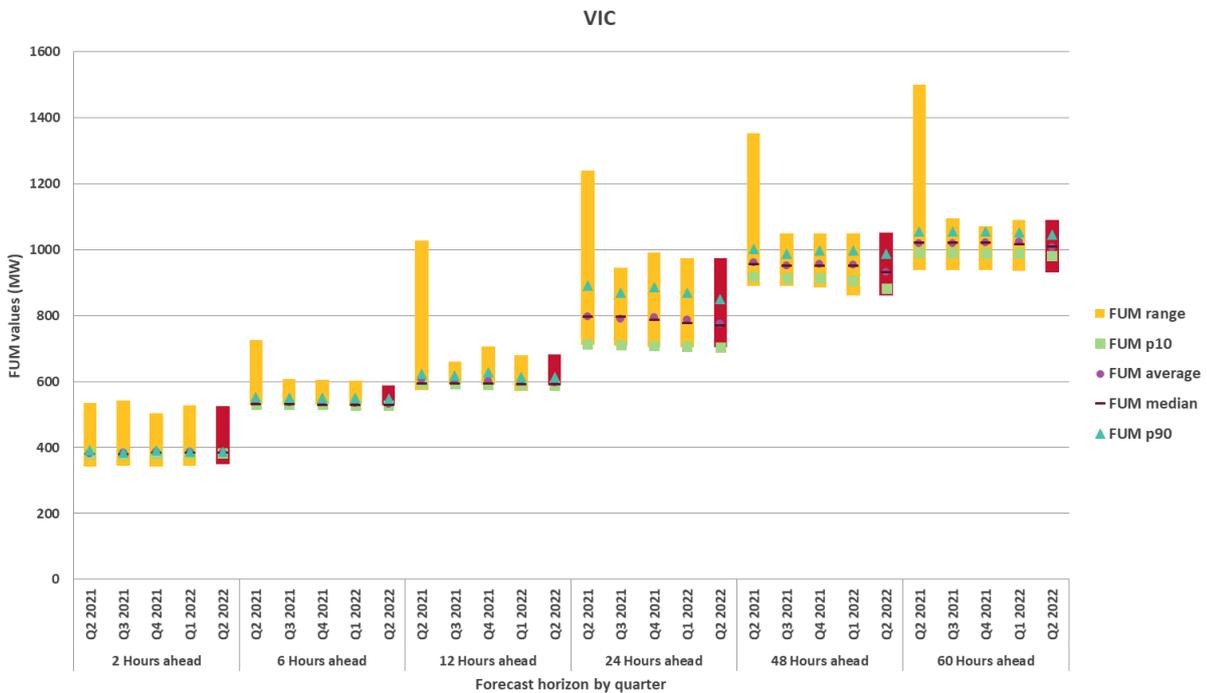


Figure 6 Victoria region: FUM values for the reporting period, and compared to previous four quarters



4.2 Forecast and actual LOR declarations

Market suspension period

AEMO declared 221 LOR conditions during the period of market suspension (15 to 24 June 2022), shown below by actual or forecast level and NEM region.

Table 4 Summary of LOR conditions during market suspension

Market Suspension (15 to 24 June 2022)						
Region	LOR1		LOR2		LOR3	
	Actual	Forecast	Actual	Forecast	Actual	Forecast
NSW	5	22	7	24	0	19
QLD	2	13	0	20	0	10
SA	4	8	1	19	0	14
TAS	0	0	0	4	0	1
VIC	3	11	2	19	0	13
Total	14	54	10	86	0	57

To cope with the very high number of LOR conditions occurring during the market suspension period, AEMO prioritised the issue of LOR2 and LOR3 market notices above LOR1 notices and reduced the frequency of issue. As a result, market notices were not issued for every LOR condition, therefore the number of declarations understates the number of times those conditions occurred in the market suspension period.

Non-market suspension period

A summary of the count and causes of declared forecast and actual LOR conditions in the remainder of Quarter 2 2022 (excluding 15-24 June) can be found in Table 2 in Section 3 of this report.

Of the 185 LOR declarations in the non-market suspension period, 154 were for forecast LOR conditions:

- 90 forecast LOR1 conditions were declared.
- 56 forecast LOR2 conditions were declared.
- Eight forecast LOR3 conditions were declared.
- None of the forecast LOR1 conditions were set by the FUM.
- 34 forecast LOR2 conditions were set by the FUM.

During the non-market suspension period:

- A total of 23 actual LOR1 conditions were declared. 18 were observed as forecast LOR1 prior to being declared as an actual, therefore not counted as a forecast declaration based on the declaration count principles outlined in Section 3. Five were declared as actual LOR1 conditions without prior forecast.
- There were eight actual LOR2 conditions declared. Six were observed as forecast LOR2 conditions prior to being declared as an actual. Two were declared as actual LOR2 conditions without prior forecast.

- There were eight forecast LOR3 conditions declared. None of the forecast LOR3 conditions were declared as actual LOR3 conditions¹⁰.

Table 5 Summary of LOR conditions during non-market suspension

Non-Market Suspension						
Region	LOR1		LOR2		LOR3	
	Actual	Forecast	Actual	Forecast	Actual	Forecast
NSW	11	25	3	16	0	1
QLD	8	21	5	15	0	3
SA	3	30	0	17	0	4
TAS	1	5	0	4	0	0
VIC	0	9	0	4	0	0
Total	23	90	8	56	0	8

By comparison, 36 LOR declarations were made in Quarter 1 2022 (25 forecast LOR events and 11 actual LOR events) and 73 LOR declarations were made in Quarter 2 2021 (43 forecast LOR events and 30 actual events).

During the non-market suspension period, there were 40 LOR declarations set by the FUM, so the percentage of LOR conditions where the FUM set the reserve requirement was 22%. In Quarter 1 2022 the percentage was 25%, while in Quarter 2 2021 it was 23%.

Reliability and Emergency Reserve Trader (RERT) activations

During the reporting period, RERT services were activated on 14 June (New South Wales), 15 June (New South Wales and Queensland), and 17 and 18 June (New South Wales)¹¹.

Table 6 LORs declared during the reporting period by trigger (FUM or LCR)¹²

Effective period	LOR1	LOR2	LOR3
New South Wales (NSW)			
07/04/2022	Forecast	Forecast	
03/05/2022	Forecast		
04/05/2022	Forecast then Actual		
05/05/2022	Forecast		
06/05/2022	Forecast then Actual		
07/05/2022	Actual		
08/05/2022	Forecast		
09/05/2022	Forecast then Actual	Forecast	
10/05/2022	Forecast then Actual		
30/05/2022	Forecast		
31/05/2022	Forecast		

¹⁰ The events on 13 June 2022 in Queensland are covered in detail in the Market Suspension Report which will be published in August 2022.

¹¹ RERT reporting can be found at <https://aemo.com.au/energy-systems/electricity/emergency-management/reliability-and-emergency-reserve-trader-rert/rert-reporting>.

¹² Table 6 excludes the market suspension period of 15 to 24 June 2022.

Effective period	LOR1	LOR2	LOR3
	Forecast then Actual		
01/06/2022	Forecast	Forecast	
02/06/2022	Forecast	Forecast	
		Forecast	
03/06/2022	Forecast	Forecast	
06/06/2022	Forecast	Forecast	
07/06/2022	Forecast	Forecast	
08/06/2022	Forecast		
	Forecast then Actual		
09/06/2022	Forecast	Forecast	
	Forecast		
10/06/2022	Forecast	Forecast	
	Forecast then Actual	Forecast	
11/06/2022	Forecast		
13/06/2022	Forecast then Actual	Forecast then Actual	
	Actual	Forecast	
14/06/2022	Forecast then Actual	Forecast	
	Forecast	Forecast then Actual	Forecast
	Forecast	Forecast then Actual	
	Forecast	Forecast then Actual	
24/06/2022	Forecast		
27/06/2022	Forecast	Forecast	
	Forecast		
	Forecast	Forecast	
	Forecast		
28/06/2022	Forecast	Forecast	
Queensland (QLD)			
04/04/2022	Forecast	Forecast	
05/04/2022	Forecast then Actual	Forecast	
06/04/2022	Forecast		
07/04/2022	Forecast		
11/04/2022	Forecast		
28/04/2022	Forecast		
03/05/2022	Forecast then Actual		
04/05/2022	Forecast		
05/05/2022	Forecast	Forecast	
06/05/2022	Forecast		
09/05/2022	Forecast		
12/05/2022		Forecast	
15/05/2022	Forecast		

Effective period	LOR1	LOR2	LOR3
16/05/2022	Forecast then Actual	Forecast	
17/05/2022	Forecast	Forecast	
18/05/2022		Forecast	
20/05/2022	Forecast		
02/06/2022	Forecast	Forecast	
03/06/2022	Forecast	Forecast	
06/06/2022	Forecast	Forecast	
07/06/2022	Forecast	Forecast	
08/06/2022	Forecast		
09/06/2022	Actual		
10/06/2022	Forecast then Actual	Actual	
12/06/2022	Actual	Actual	
13/06/2022	Forecast	Forecast then Actual	Forecast
	Forecast then Actual	Forecast then Actual	
		Forecast then Actual	
14/06/2022	Forecast	Forecast	Forecast
	Forecast then Actual	Forecast	Forecast
South Australia (SA)			
04/04/2022	Forecast		
05/04/2022	Forecast		
06/04/2022	Forecast		
09/05/2022	Forecast		
10/05/2022	Forecast		
11/05/2022	Forecast	Forecast	
	Forecast then Actual	Forecast	
12/05/2022	Forecast	Forecast	Forecast
	Forecast	Forecast	
	Forecast	Forecast	Forecast
	Forecast		
13/05/2022	Forecast		
	Forecast		
14/05/2022	Forecast	Forecast	
16/05/2022	Forecast		
	Forecast		
17/05/2022	Forecast	Forecast	
18/05/2022	Forecast	Forecast	
19/05/2022	Forecast	Forecast	
		Forecast	
01/06/2022	Forecast		
02/06/2022		Forecast	

Effective period	LOR1	LOR2	LOR3
05/06/2022	Actual		
06/06/2022	Forecast		
	Forecast then Actual		
07/06/2022	Forecast	Forecast	
27/06/2022	Forecast	Forecast	
	Forecast		
28/06/2022		Forecast	
29/06/2022	Forecast	Forecast	Forecast
	Forecast		
	Forecast		
30/06/2022	Forecast	Forecast	Forecast
	Forecast		
	Forecast		
	Forecast		
Tasmania (TAS)			
24/05/2022	Forecast	Forecast	
30/05/2022	Forecast then Actual	Forecast	
31/05/2022	Forecast		
02/06/2022	Forecast	Forecast	
06/06/2022	Forecast	Forecast	
08/06/2022	Forecast		
Victoria (VIC)			
01/06/2022	Forecast		
02/06/2022	Forecast	Forecast	
13/06/2022	Forecast		
14/06/2022	Forecast	Forecast	
	Forecast		
27/06/2022	Forecast	Forecast	
28/06/2022	Forecast	Forecast	
30/06/2022	Forecast		

Note. Yellow shading indicates the requirement was set by the LCR or LCR2, and orange indicates the requirement was set by the FUM.

4.3 Causes of LOR declarations

As summarised in Table 2, a total of 185 LOR conditions were declared during the non-market suspension period: 154 forecast and 31 actual LOR conditions.

Based on Table 2 for the non-market suspension period:

- Of the 108 forecast LOR1 conditions declared, 18 resulted in actual LOR1 conditions. These were counted as actual LOR1 conditions based on the declaration count principles outlined in Section 3.
- Of the 62 forecast LOR2 conditions declared, six resulted in an actual LOR2 condition. It was counted as actual LOR2 condition based on the declaration count principles outlined in Section 3.

- There were 90 forecast LOR1 conditions that did not develop into actual LOR1 conditions, and 56 forecast LOR2 conditions that did not develop into actual LOR2 conditions. The reasons were either a market response following the issue of the forecast market notice, or changes to the net import or changes in forecast demand. The market response generally took the form of increased available generation and transmission network service providers (TNSPs) rescheduling planned transmission outages.

As Table 6 above shows, during the non-market suspension period there were seven instances where actual LOR conditions occurred with no prior forecast.

- Many of the forecast LOR conditions did not eventuate into actual LOR conditions mainly due to market response in the form of increased generation availability, or decreased forecast demand.
- The LOR conditions in New South Wales, Queensland and South Australia were driven by decreased generation availability and high demand forecasts.
- The LOR conditions in Victoria were mainly due to decreased generation availability and reduced net import.
- The LOR conditions in Tasmania were mainly due to decreased generation availability.

4.4 Number of LOR declarations compared to previous quarters

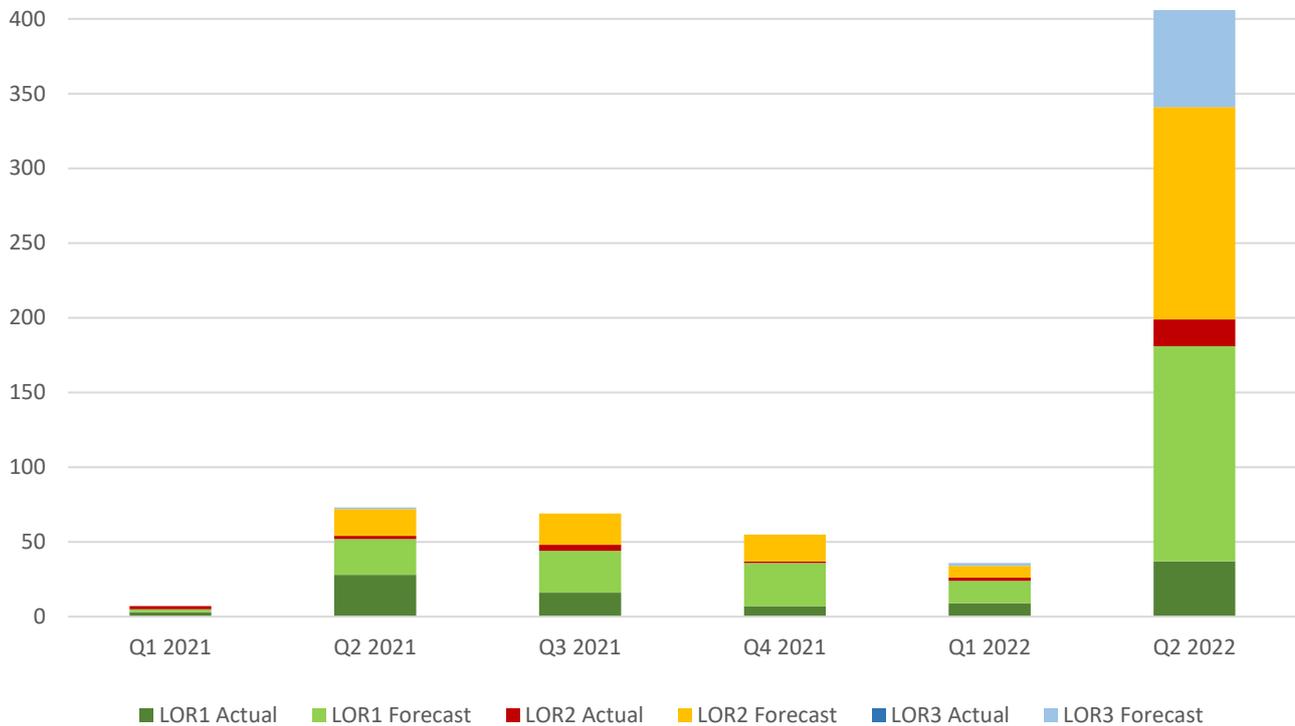
Quarter 2 covers the later autumn months and the first month of winter.

A total of 406 LOR conditions were declared during Quarter 2 2022: 351 forecast and 55 actual LOR conditions.

This is significantly higher than the 36 LOR declarations recorded in the previous reporting period (1 January 2022 to 31 March 2022) and the 73 LOR conditions declared for the same period last year (Quarter 2 2021).

The graph below shows the historical trend of actual and forecast LOR conditions in past quarters from Quarter 1 2021 compared to the current quarter. The total number of LOR declarations has increased significantly in this quarter.

Figure 7 Quarterly comparison of actual and forecast LOR conditions, Q1 2021 to Q2 2022



4.5 Reserves before and during market suspension period

In June 2022, a confluence of high commodity prices, domestic market price caps, planned and unplanned outages of scheduled generation, fuel supply constraints, low output from semi-scheduled generation and high winter demand conditions resulted in several market outcomes that impacted on reserve levels in the NEM:

- On Friday 10 June, noticeable changes in market availability of generation as the rolling sum of prices for the previous seven days in some regions approached the cumulative price threshold (CPT).
- On Sunday 12 June, the CPT was exceeded in Queensland, followed by New South Wales, South Australia, and Victoria on Monday 13 June. This triggered the application of the administered price cap (APC) in those regions.
- Rapid reductions in available generation capacity in mainland regions following the application of the APC, required AEMO to manually schedule generation using directions and manual constraints to implement the direction schedules.
- From 13 June, the consequences of the large volume of generation under direction made it progressively more difficult to continue operating the spot market, to the point where it became effectively impossible. Among other issues, the high levels of directions constraints resulted in excessive unresolved over-constrained dispatch reruns, which impacted the ongoing calculation of rolling sum of prices (which is not capped by the APC)¹³.

¹³ AEMO, Over-Constrained Dispatch Rerun Process, 16 June 2011, at https://www.aemo.com.au/-/media/Files/Electricity/NEM/Security_and_Reliability/Congestion-Information/2016/Over-Constrained-Dispatch-Rerun-Process.pdf.

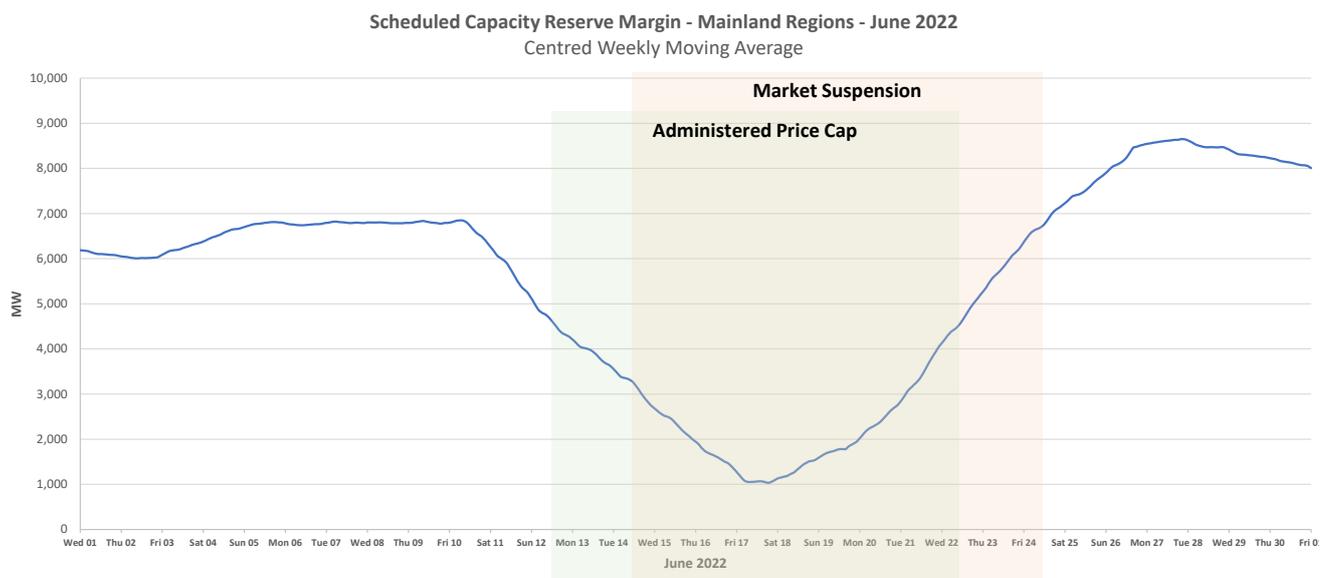
- On Wednesday 15 June, AEMO suspended the spot market in all regions and applied the market suspension pricing schedule under NER clause 3.14.5.

Normal market pricing resumed on 23 June and the spot market suspension formally ended on 24 June.

Further details and reporting on the market suspension and related events will be available on AEMO’s website¹⁴.

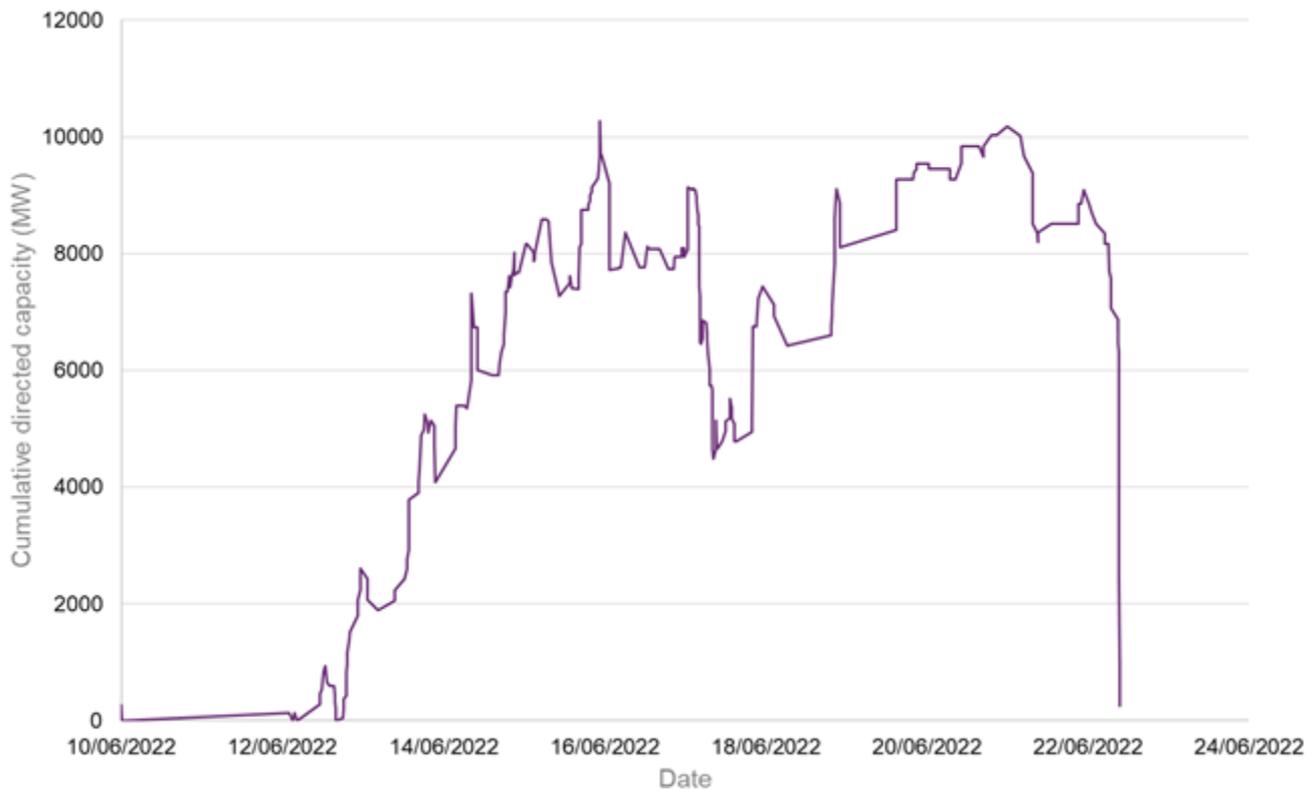
The figures below show the trend in capacity reserves from scheduled generation over June 2022, and the cumulative generation capacity under direction.

Figure 8 Scheduled capacity reserves as centred weekly moving average – June 2022



¹⁴ June 2022 market event, at <https://aemo.com.au/en/energy-systems/electricity/national-electricity-market-nem/nem-events-and-reports>. Reports will be linked to this page as they are completed.

Figure 9 Cumulative capacity under direction – June 2022



4.5.1 Causes of LOR conditions

Underlying trends in fuel costs

Traded market prices for the NEM's major thermal generation fuels (gas and thermal coal) rose to unprecedented levels in the months leading up to the APC and market suspension events.

Although generators typically contract fuel supply well in advance, costs for purchasing additional fuel to support higher levels of generation, or for renewal of expiring contracts, can be strongly influenced by conditions in local and export markets for those fuels.

These changes in fuel costs appear to have been a key driver of the observed changes in bidding by thermal generators in the NEM, which then directly impacted the level of wholesale electricity prices and available reserves.

Please refer to the Quarterly Energy Dynamics Report Q2 2022¹⁵ for more detail.

Withdrawal of gas generation during APC

Following the capping of spot prices to the APC of \$300 per MWh on 12 and 13 June, many generators in the mainland regions reduced or withdrew their available capacity bid into the spot market. This resulted in AEMO declaring LOR conditions in those regions.

¹⁵ Quarterly Energy Dynamics Report Q2 2022, at <https://aemo.com.au/-/media/files/major-publications/qed/2022/qed-q2-2022.pdf?la=en>.

Basslink's transfer capacity from Tasmania to Victoria was also reduced to zero at times, associated with the accumulation of negative inter-regional settlement residues¹⁶.

To address the reserve shortfalls, AEMO had to direct a large number of market participants to make additional capacity available for dispatch.

Generation outages

The relatively high number of generation outages in June was also a major contributor to lower reserves. Prior to the market suspension, around 7 GW of NEM generation capacity was out of service due to planned and unplanned outages. Around 2.4 GW of generation was returned to service by the end of the suspension period.

Coal supply constraints

Reduced coal production at local mines and reduced deliveries from remote mines meant that a number of major power stations in New South Wales experienced very low coal stocks and implemented energy limits for their generation.

The daily energy limits at these stations varied depending upon the levels of coal stockpiles and daily deliveries, which were frequently unpredictable. Raising the energy limit for a given day could mean that a lower limit would be necessary for the following day, requiring dispatch decisions to be made based on anticipated power system conditions. For example, on one occasion additional energy limited coal generation was scheduled when supply was tight due to lower forecast wind generation for the following day, on the basis that the forecast wind generation was significantly higher for the day after that.

Gas supply constraints

Tight supply-demand balance in the east coast gas markets also limited the fuel available for gas generation.

On 1 June, AEMO invoked the Gas Supply Guarantee when forecast limits on gas supply available to generators resulted in widespread forecast LOR conditions for four NEM regions on 2 June. At other times gas supply limits required dual-fuelled peaking generators to run on limited reserves of high-cost liquid fuel.

The Victorian declared wholesale gas market (DWGM) was subject to a \$40 per GJ price cap since 30 May that resulted in market participants reducing gas supply offers into the DWGM. Some generators that were reliant on purchases from the DWGM needed to operate some stations with back up diesel to supplement their gas supply¹⁷. Delays in restoring diesel storages on site led to risks of temporary unavailability if they had operated at a high level on the previous day.

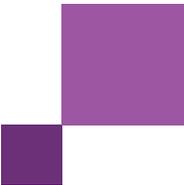
Winter temperatures and associated high demands

A series of cold fronts in early June that extended as far as north Queensland caused an increase in heating demand across the NEM. This coincided with high demands in Queensland and Victoria and a rise in spot prices.

Cold winter conditions increased demand levels across the NEM between 7 June and 12 June 2022, with maximum NEM operational demands more than 1 GW higher on average than in the preceding week.

¹⁶ Basslink is a market network service provider that is exposed to the spot price difference between Tasmania and Victoria

¹⁷ AEMO, as the operator of the declared transmission system (DTS), would have attempted to procure additional gas supplies into the DWGM if LOR2 or LOR3 conditions were forecast.

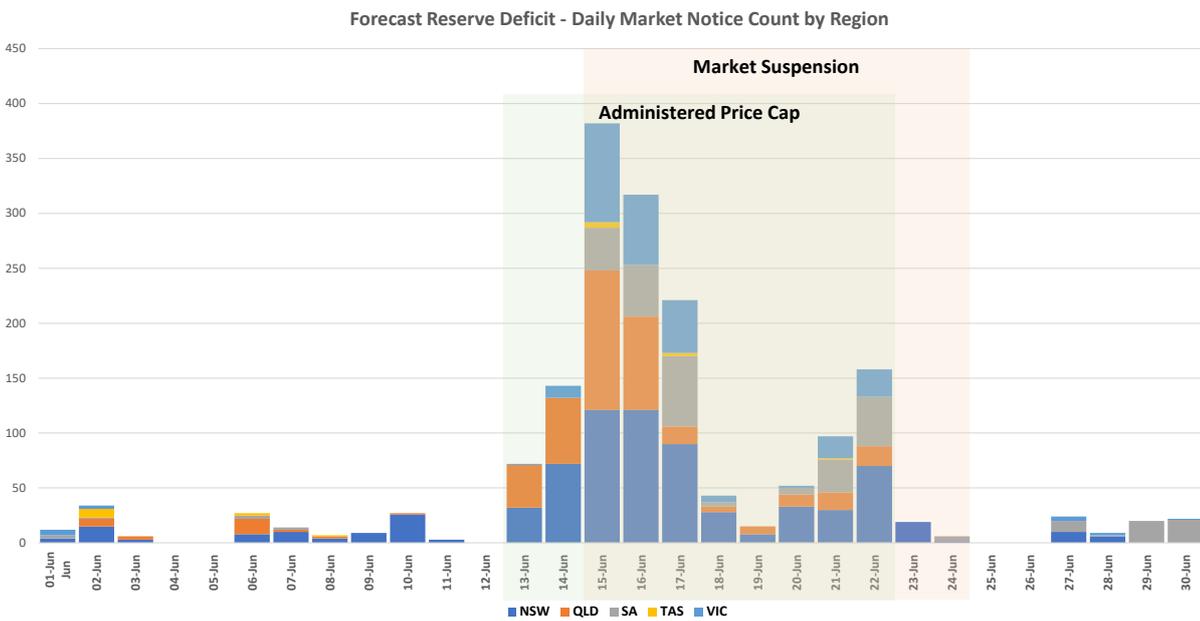


4.5.2 Number of LOR notices

The figure below shows the number of market notices issued in June 2022 for each region.

The number of forecast LOR condition notices issued by AEMO increased substantially after the commencement of administered pricing in all mainland regions, as explained in the previous section. To cope with the very high number of LOR conditions occurring during the market suspension period, AEMO prioritised the issue of LOR2 and LOR3 market notices above LOR1 notices and reduced the frequency of issue. As a result, market notices were not issued for every LOR condition.

Figure 10 Total number of forecast LOR condition market notices by Region – June 2022



4.5.3 Severity and duration of LOR conditions

The reserve deficits relating to forecast LOR1, LOR2 and LOR3 conditions increased substantially in all mainland regions (both in MWh severity and duration) after the application of the APC in those regions.

The figures below show the highest daily forecast deficits for all Pre Dispatch Projected Assessment of System Adequacy (PDPASA) and Short Term Projected Assessment of System Adequacy (STPASA) runs.

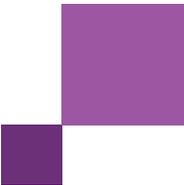


Figure 11 Highest daily forecast LOR1 deficit – June 2022¹⁸

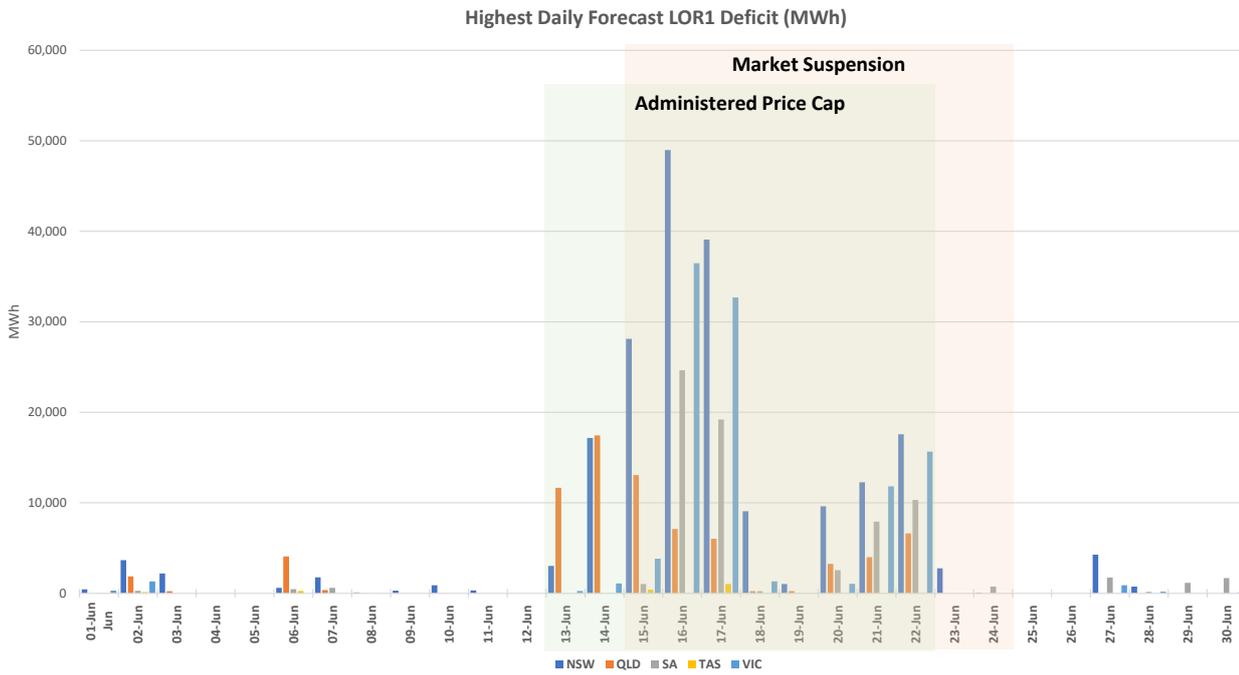
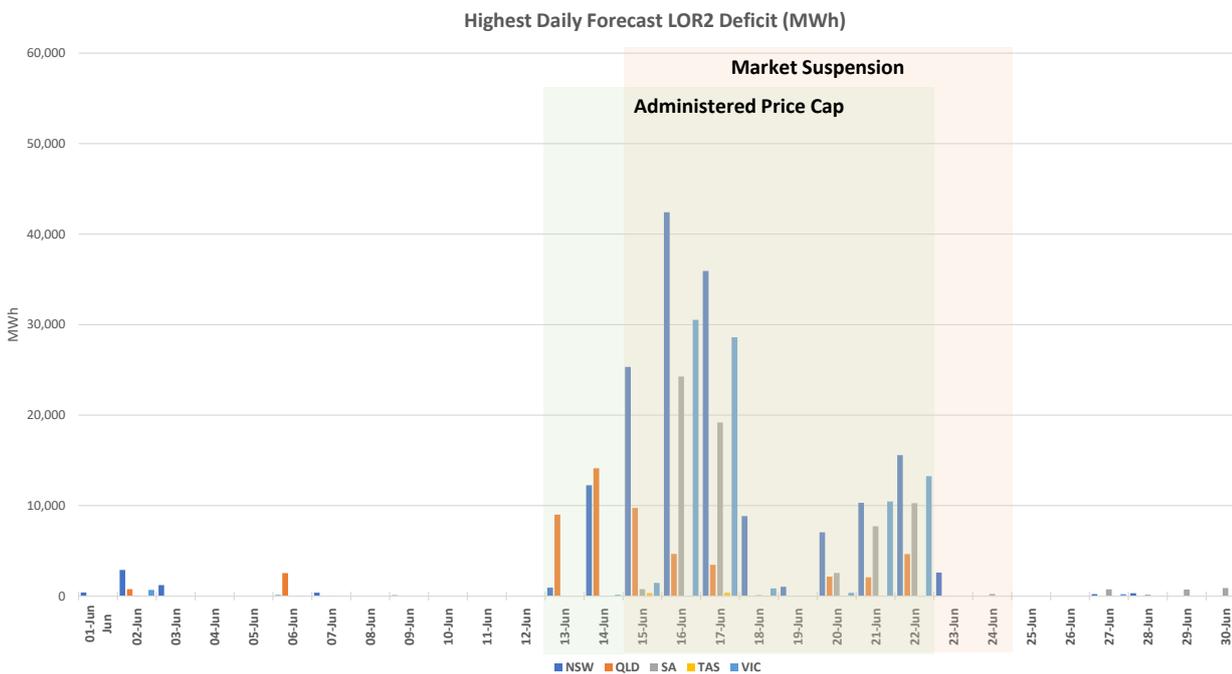


Figure 12 Highest daily forecast LOR2 deficit – June 2022



¹⁸ This figure may be underestimated as AEMO issued market notices to a reduced schedule during the market suspension period due to the high volume of LOR conditions.

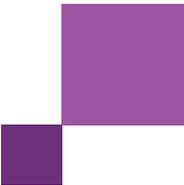
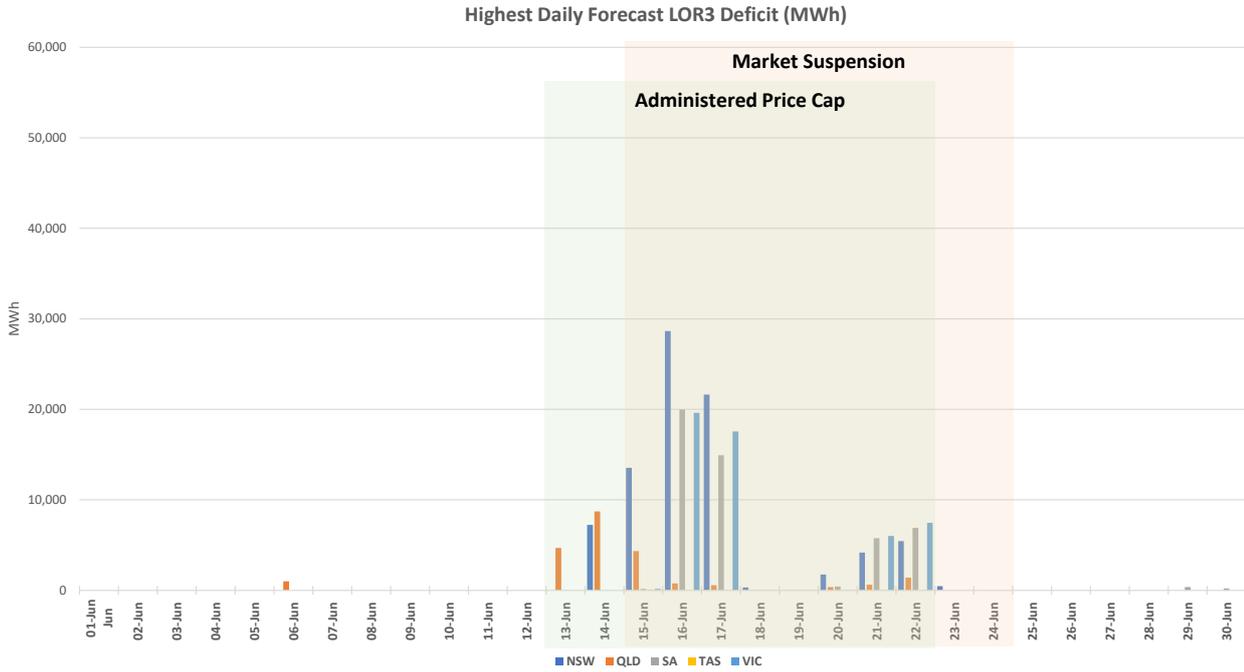
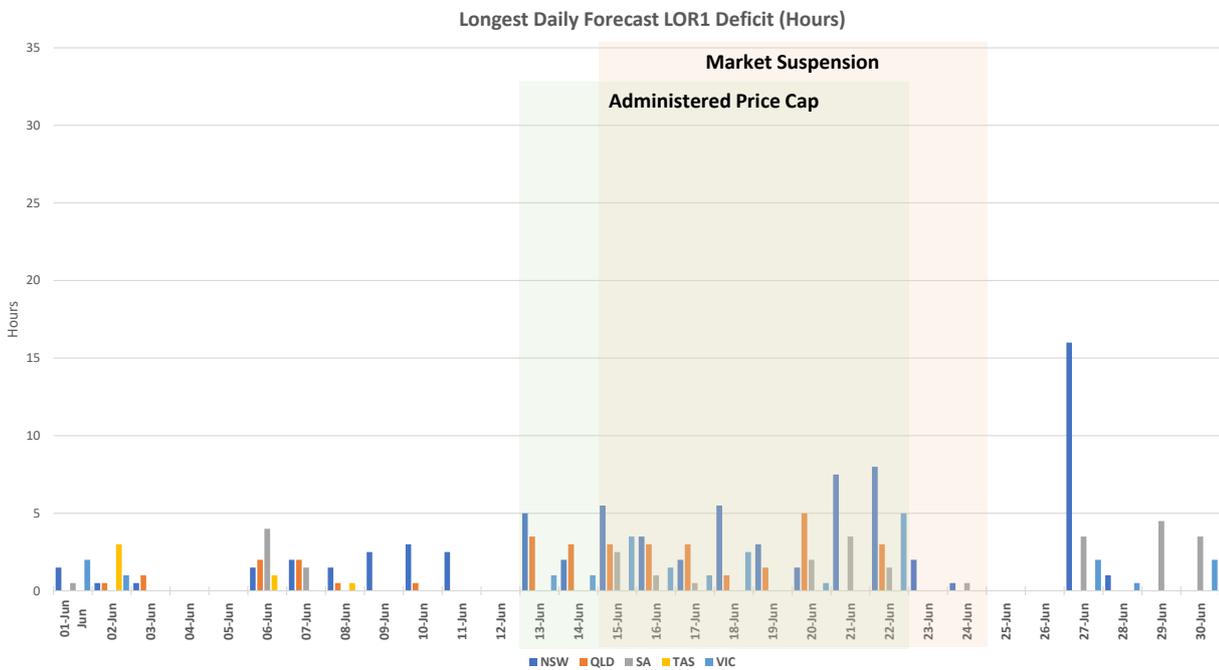


Figure 13 Highest daily forecast LOR3 deficit – June 2022



The figures below show the longest duration of forecast deficit for each day over all PDPASA and STPASA runs.

Figure 14 Longest daily forecast LOR1 deficit – June 2022¹⁸



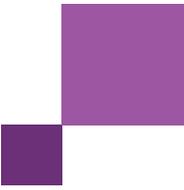


Figure 15 Longest daily forecast LOR2 deficit – June 2022

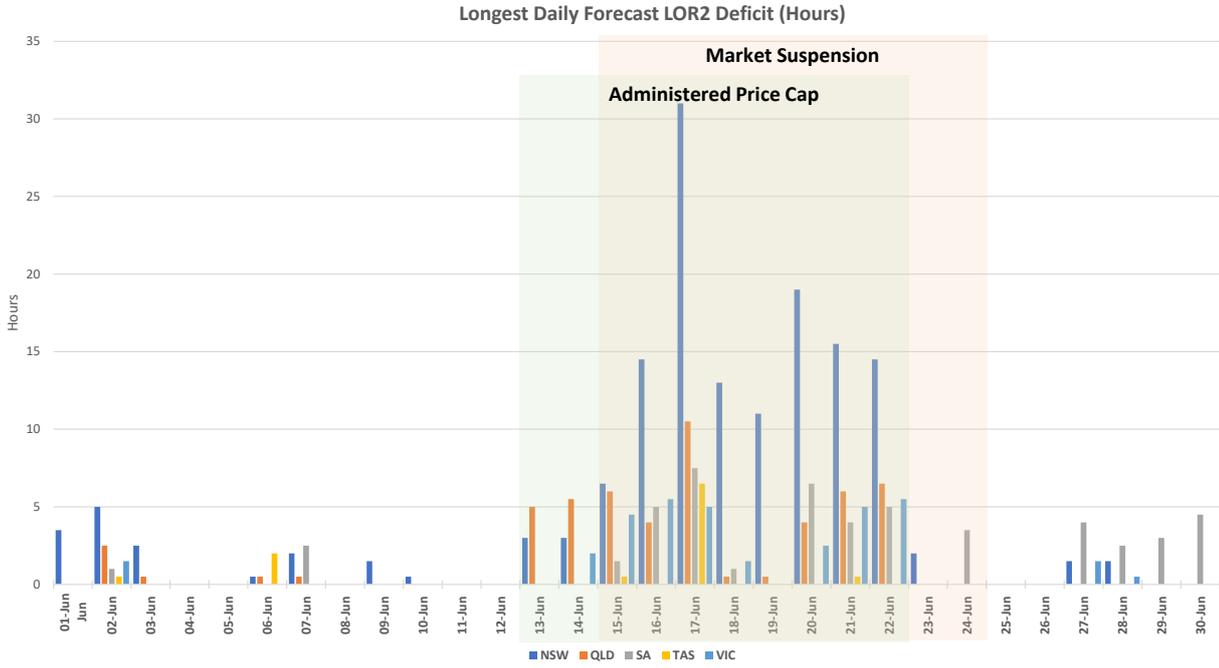
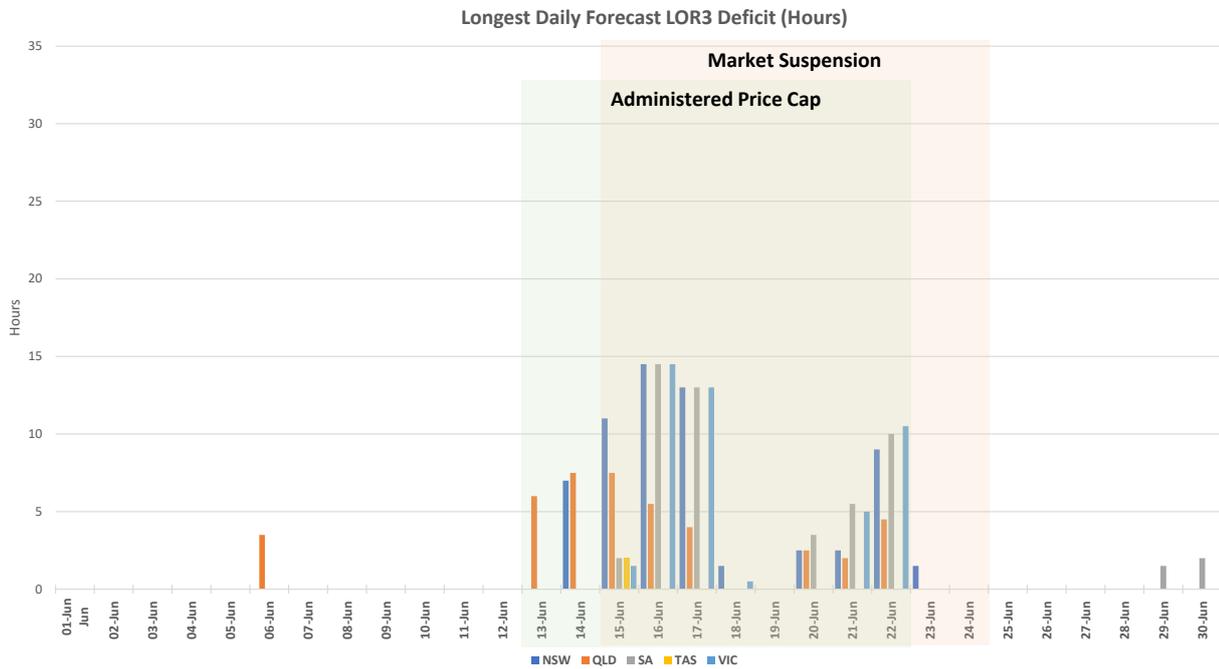


Figure 16 Longest daily forecast LOR3 deficit – June 2022



Glossary

This document uses many terms that have meanings defined in the NER. The NER meanings are adopted unless otherwise specified.

For each of the terms below, refer to the Reserve Level Declaration Guidelines¹⁹ for further information.

Term	Definition
AEST	Australian Eastern Standard Time
APC	Administered Price Cap
BBN	Bayesian Belief Network ²⁰
CPT	Cumulative Price Threshold
DTS	Declared Transmission System
DWGM	Declared Wholesale Gas Market
ETL	Extract-Transform-Load
FUM	Forecast Uncertainty Measure (the number of MW representing the level of forecasting uncertainty)
Guidelines	The Reserve Level Declaration Guidelines published by AEMO under clause 4.8.4A of the NER
LCR	Largest Credible Risk – the single largest credible risk in the region
LCR2	Largest Credible Risk 2 – the sum of the two largest credible risks in the region
LOR1	Lack of Reserve level 1. The threshold for an LOR1 is determined by the larger value of either the FUM or the sum of the two largest credible risks in the region (LCR2).
LOR2	Lack of Reserve level 2. The threshold for an LOR2 is determined by the larger value of either the FUM or the largest credible risk in the region (LCR).
LOR3	Lack of Reserve level 3. The threshold for an LOR3 condition is when the forecast reserve for a region is at or below zero.
PASA	Projected Assessment of System Adequacy ²¹
RERT	Reliability and Emergency Reserve Trader ²²
TNSP	Transmission Network Service Provider

¹⁹ See AEMO's reserve level declaration guidelines, at https://www.aemo.com.au/-/media/files/electricity/nem/security_and_reliability/power_system_ops/reserve-level-declaration-guidelines.pdf.

²⁰ More detail regarding Bayesian Belief Networks is available in the Appendix of AEMO's reserve level declaration guidelines document in the link above.

²¹ See AEMO's Projected Assessment of System Adequacy (PASA) principles, at <https://aemo.com.au/en/energy-systems/electricity/national-electricity-market-nem/nem-forecasting-and-planning/forecasting-and-reliability/projected-assessment-of-system-adequacy>.

²² See AEMO's Reliability and Emergency Reserve Trader (RERT) guidelines, at <https://aemo.com.au/en/energy-systems/electricity/emergency-management/reliability-and-emergency-reserve-trader-rert>.