

Affected Dispatch Interval Report

Trading Month April 2025

Prepared in accordance with
clause 7.11C.3 of the WEM Rules.

Version No. 2





1 Introduction

The Australian Energy Market Operator (AEMO) has prepared this report under clause 7.11C.3 of the Wholesale Electricity Market Rules (WEM Rules).

Clause 7.11C.3 of the WEM Rules requires AEMO to publish a report as soon as practicable after determining a Dispatch Interval is an Affected Dispatch Interval outlining:

- the reasons for determining that a Dispatch Interval was an Affected Dispatch Interval.
- whether that determination was correct; and
- what action will be taken to minimise the risk of a similar event in future.

In this report:

- the reporting period covers the period specified on the title page,
- terms that are capitalised but not defined have the meaning given in the WEM Rules; and,
- date references are to Trading Days, not calendar days, unless otherwise stated.

2 Affected Dispatch Interval(s)

This section provides details of the Dispatch Intervals AEMO has determined to be Affected Dispatch Intervals in accordance with 7.11C.2. In accordance with clause 7.11C.3(b) at the time of publication of this report AEMO considers the determination correct.

Trading Day	1 April 2025	
Dispatch Interval(s)	Affected Dispatch Interval	Replacement Market Schedule Run
	4/1/2025 18:55	Case File corrected.
	4/1/2025 19:05	
	4/1/2025 19:45	
	4/1/2025 19:50	
	4/1/2025 20:00	
	4/1/2025 20:05	
	4/1/2025 20:10	
Reasons for Determination [7.11C.3(a)]	<p>A single constraint set was invoked with the incorrect classification of:</p> <ul style="list-style-type: none">Intervention Pricing Flag <p>The Case Files for the affected intervals were updated with the correct Dispatch Inputs and were re-run using the Dispatch Algorithm to produce the replacement Market Schedule Runs for these intervals.</p> <p>AEMO has determined these are Affected Dispatch Intervals as the market outcomes were based on manifestly incorrect information, directly resulting in material impacts to Market Clearing Prices.</p>	
Determination Outcome [7.11C.3(b)]	Correct	
Actions Taken [7.11C.3(c)]	AEMO Control Room processes have been reviewed to ensure that the intervention pricing flag is applied on the correct AEMO Intervention Event constraints.	
Trading Day	2 April 2025	

Dispatch Interval(s)	Affected Dispatch Interval	Replacement Market Schedule Run
	4/3/2025 2:20	4/3/2025 2:20
	4/3/2025 2:25	4/3/2025 2:25
	4/3/2025 2:30	4/3/2025 2:30
	4/3/2025 2:35	4/3/2025 2:35
	4/3/2025 2:40	4/3/2025 2:40
	4/3/2025 2:45	4/3/2025 2:45
	4/3/2025 2:50	4/3/2025 2:50
	4/3/2025 2:55	4/3/2025 2:55
	4/3/2025 3:00	4/3/2025 3:00
	4/3/2025 3:05	4/3/2025 3:05
	4/3/2025 3:10	4/3/2025 3:10
	4/3/2025 3:15	4/3/2025 3:15
	4/3/2025 3:20	4/3/2025 3:20
	4/3/2025 3:25	4/3/2025 3:25
	4/3/2025 3:30	4/3/2025 3:30
	4/3/2025 3:35	4/3/2025 3:35
	4/3/2025 3:40	4/3/2025 3:40
	4/3/2025 3:45	4/3/2025 3:45
	4/3/2025 3:50	4/3/2025 3:50
	4/3/2025 3:55	4/3/2025 3:55
	4/3/2025 4:00	4/3/2025 4:00
	4/3/2025 4:05	4/3/2025 4:05
Reasons for Determination [7.11C.3(a)]	<p>Net MW SCADA values flatlined for 7 generation Facilities due to issues with SCADA received from Western Power. Replacement SCADA values were not available.</p> <p>AEMO has determined these are Affected Dispatch Intervals as the market outcomes were based on manifestly incorrect information, directly resulting in material impacts to Market Clearing Prices.</p>	
Determination Outcome [7.11C.3(b)]	Correct	
Actions Taken [7.11C.3(c)]	This issue was fed back to Western Power for review and consideration in future SCADA migration works.	

Trading Day	4 April 2025 - 5 April 2025	
Dispatch Interval(s)	Affected Dispatch Interval	Replacement Market Schedule Run
	4/4/2025 8:00 - 4/5/2025 22:50 inclusive	Replaced with the original Dispatch Interval

Reasons for Determination [7.11C.3(a)]	<p>Flatlined values occurred for the KWINANA_ESR1 Facility MW withdrawal SCADA that supplies AEMO's Unscheduled Operational Demand (UOD) forecasting systems. These values are used in backend calculations of UOD for UOD forecasting purposes; this resulted in erroneous UOD forecast values feeding the WEM Dispatch Engine. Counter-factual UOD forecast values were/are not available.</p> <p>AEMO has determined these are Affected Dispatch Intervals as the market outcomes were based on manifestly incorrect information, directly resulting in material impacts to Market Clearing Prices.</p>
Determination Outcome [7.11C.3(b)]	Correct
Actions Taken [7.11C.3(c)]	The erroneous SCADA values were directly linked to a process failure in SCADA point updates; SCADA point update procedures were updated to ensure similar SCADA failures do not reoccur.

Trading Day	8 April 2025 – 9 April 2025	
Dispatch Interval(s)	Affected Dispatch Interval	Replacement Market Schedule Run
	4/8/2025 14:00	Case File corrected.
	4/8/2025 14:10	
	4/8/2025 14:15	
	4/9/2025 8:50	
	4/9/2025 8:55	
	4/9/2025 9:00	
	4/9/2025 11:35	
	4/9/2025 11:55	
	4/9/2025 12:00	
	4/9/2025 12:05	
	4/9/2025 12:10	
	4/9/2025 12:40	
	4/9/2025 12:55	
	4/9/2025 13:30	
Reasons for Determination [7.11C.3(a)]	Erroneous DPV generation estimates were provided to the WEM Dispatch Engine. The Case Files for the affected intervals were updated with the correct Dispatch Inputs and were re-run using the Dispatch Algorithm to produce the replacement Market Schedule Runs for these intervals.	
	AEMO has determined these are Affected Dispatch Intervals as the market outcomes were based on manifestly incorrect information, directly resulting in material impacts to Market Clearing Prices.	
Determination Outcome [7.11C.3(b)]	Correct	

Actions Taken [7.11C.3(c)]	Uplift of AEMO's DPV generation estimates and forecasts has been designed and scheduled for implementation within 2025. This uplift includes mechanisms to alarm and mitigate flatlined or suspect DPV data feeding AEMO's Dispatch Systems.
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Trading Day	23 April 2025	
Dispatch Interval(s)	Affected Dispatch Interval	Replacement Market Schedule Run
	4/23/2025 16:10	Case File corrected.
	4/23/2025 16:15	
	4/23/2025 16:20	
	4/23/2025 16:25	
	4/23/2025 16:30	
Reasons for Determination [7.11C.3(a)]	<p>A single constraint set was invoked with the incorrect classification of:</p> <ul style="list-style-type: none">Intervention Pricing Flag <p>The Case Files for the affected intervals were updated with the correct Dispatch Inputs and were re-run using the Dispatch Algorithm to produce the replacement Market Schedule Runs for these intervals.</p> <p>AEMO has determined these are Affected Dispatch Intervals as the market outcomes were based on manifestly incorrect information, directly resulting in material impacts to Market Clearing Prices.</p>	
Determination Outcome [7.11C.3(b)]	Correct	
Actions Taken [7.11C.3(c)]	AEMO Control Room processes have been reviewed to ensure that the intervention pricing flag is applied on the correct AEMO Intervention Event constraints.	