

# NEM Dashboard Enhancements



Fact Sheet

The NEM Dashboard has recently been enhanced to improve the user experience and increase visibility of market status and pricing changes.

The purpose of this fact sheet is to provide information that will help you make the most of these enhancements.

# **Detailed view of enhancements**

## 1. Price & Demand and Dispatch Overview Enhancements

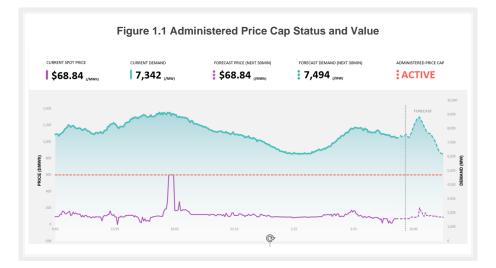
New **text status labels, pricing details, visuals and coloured indicators** have been added to the <u>Price and Demand</u> and <u>Dispatch Overview</u> pages to increase market visibility and highlight market status and pricing changes.

## Price & Demand Enhancements

#### 1.1 Administered Price Cap

- The Administered Price Cap (APC) status is now available on the Price and Demand status bar. It will display the text 'ACTIVE' or 'INACTIVE' depending on the APC status.
- The APC value is represented by a dashed horizontal line on the chart, when the APC is:
  - Not active, the line colour will be grey.
  - Active, the line turns to orange.





#### 1.2 Market Price Cap

- Spot prices are represented by a purple line on the chart with a black, numerical price value on the status bar mentioned above. However, when **prices reach the Market Price Cap:** 
  - An orange marker (dot) will appear at the top of spot price line,
  - The affected section of the spot price line will turn orange, and
  - The black, numerical price value will turn orange.
- A colour change to orange also affects datapoints in the forecast horizon and the numerical value under the FORECAST PRICE (NEXT 30).





## **Dispatch Overview Enhancements**

#### **1.3 Price Revision**

- Prices can go under revision as part of the process for identifying manifestly incorrect inputs (MII) or because of over-constrained dispatch (OCD).
- When this occurs, the:
  - Text "PRICE" above the price value will change to 'PRICE UNDER REVISION' and turn grey for each market affected.
  - **Price value** for these markets will also turn **grey**.

	Figure 1	.3 Price R	evision	
QLD PRICE UNDER REVISION \$2,70,73 DEMAND VS GENERATION V 1	7,613	-33 )» -425 )»	NSW PRICE UNDER REVISION \$280.32 DEMAND VS GENERATION \$ 1 1	8,274 7,609
SA PRICE \$256.07 DEMAND VS GENERATION	1.318 1.371	-70 » « 18	(207) VIC PRICE <b>\$261.07</b> DEMAND VS GRIEBATION	5,595 5,658
			(3) TAS PRICE \$250.57 DEMAND V3 GENERATION	1,074



#### 1.4 Market Suspension and Market Scaled Statuses

- If a market is *suspended* or affected by *price scaling*, a new status will appear on the Dispatch Overview dashboard, along with other indicators to draw attention to the changes.
- Market suspension:
  - A *dash* symbol will appear next to the market's name followed by text that reads 'SUSPENDED,' framed within a solid purple line.
  - The **box** displaying the affected market's details will also turn **orange**.
- Markets affected by price scaling:
  - A *dash* symbol followed by the text 'MARKET SCALED,' framed within a dashed purple line, will appear next to the affected market's name.

NSW – MARKET SUSPENDED		
PRICE		
\$68.84		
DEMAND VS GENERATION		
¥		6,99
+	+	5,565
Figu	re 1.4 - Market Scaled Statuses	
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## 2. Cumulative Price Enhancements

A new **menu** option has been added to the dashboard's main menu, **cumulative price**. This option provides cumulative price details in a user-friendly format that is supplementary to the existing cumulative price report located on the <u>Data (NEM)</u> > <u>Market Management System (MMS)</u> menu.

• Cumulative price information can now be accessed on the dashboard's homepage menu.

Dispatch Overview	Price and Demand	Cumulative Price	Fuel Mix	Average Price	7-Day Outlook

• A sub-tab menu allows you to select a **region** to view cumulative price data, while the **'NEM**' tab provides a summary of the cumulative price and cumulative price threshold status for all regions.



#### 2.1 Cumulative Price - regions

- A simple indicator of '**NOT EXCEEDED**', in grey text, and '**EXCEEDED**', orange text, provides the status of the Cumulative Price Threshold (CPT).
  - A horizontal line on the chart also uses the same colour indicators (grey for 'Not Exceeded' and orange if 'Exceed') to represent CPT status.
- Different coloured indicators show the percentage range of CPT. Both the current cumulative price and chart displays:
  - Green if current cumulative price is less than 75% of CPT
  - Yellow if current cumulative price is between 75% and 100% of CPT
  - Orange if current cumulative price is greater than or equal to 100% of CPT

**NOTE**: Forecasts are 5-minute granularity projections based on 30-minute pre-dispatch and 5-minute historical spot prices.



Cumulative Price – Not Exceeded			Cumulative Price – Not Exceeded		
ispatch Overview Price and	d Demand Cumulative Price Fuel N	Aix Average Price 7-Day Outlook	Dispatch Overview Price	and Demand Cumulative Price Fuel	Mix Average Price 7-Day Outlook
SW QLD VIC SA TAS NEM		Chart view * 🍙 👯	NSW QLD VIC SA TAS NEM		Chart view * 🔬 💈
CURRENT CUMULATIVE PRICE	FORECAST CUMULATIVE PRICE (NEXT 5 MIN)	CUMULATIVE PRICE THRESHOLD (CURRENT STATUS)	CURRENT CUMULATIVE PRICE	FORECAST CUMULATIVE FRICE (NET'S MIN)	CUMULATIVE PRICE THRESHOLD (CURRENT STATUS)
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201,00 		1000 1000 1000 1000 1000 1000 1000 100	R (RAM MAN	atas ayas ayas	Classic Units Clas
Cumulat	ive price is <b>less tha</b>	n 75% of CPT	Cumulative p	rice is <b>between 75</b> %	6 and <b>100%</b> of CP

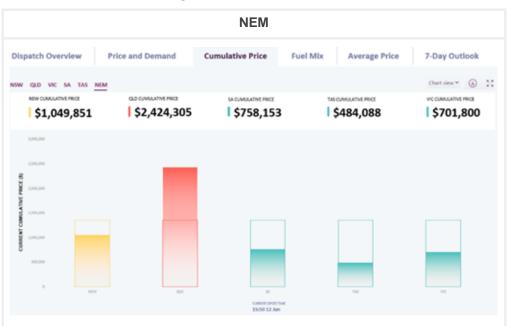
#### Figure 2.1 Cumulative Price - regions





#### 2.2 Cumulative Price – NEM

- Displays the **Cumulative Price** and **Cumulative Price Threshold (CPT)** status for **each region** as a snapshot on a page.
- The colours in the bar chart reflect the CPT status in the respective region (i.e., green, yellow, or orange).
- If the CPT is breached, i.e., the cumulative price exceeds 100% of the CPT, the orange bar chart will move outside its frame, representing the threshold has been surpassed.



#### Figure 2.2 Cumulative Price NEM

## Want to learn more?

If you any questions or would like more information, please email the AEMO team