



## LoadWatch Summer 2015

### 9 March 2015

The Independent Market Operator has an obligation to secure through the Reserve Capacity Mechanism (RCM) sufficient capacity (generation and Demand Side Management) to meet the maximum load demands of the Western Australian Wholesale Electricity Market.

LoadWatch Summer 2015 provides a weekly snapshot of the level of available capacity and electrical load for last week. It also provides forecast temperatures and load for this week and a look back to Summer 2014

### Last Week

|                                | Mon<br>02 Mar 15 | Tue<br>03 Mar 15 | Wed<br>04 Mar 15 | Thu<br>05 Mar 15 | Fri<br>06 Mar 15 |
|--------------------------------|------------------|------------------|------------------|------------------|------------------|
| Total Capacity (MW) (note 1)   | 5863             | 5863             | 5863             | 5863             | 5863             |
| Outages (MW) (note 2)          | 80               | 80               | 80               | 80               | 297              |
| <b>Available Capacity (MW)</b> | <b>5783</b>      | <b>5783</b>      | <b>5783</b>      | <b>5783</b>      | <b>5566</b>      |
| <b>Max Temp (°C)</b>           | 28.6             | 30.6             | 32.7             | 33.3             | 32.6             |
| <b>Min Temp (°C)</b>           | 19.6             | 17.5             | 17.6             | 18.0             | 18.6             |
| <b>Max Load (MW) (note 3)</b>  | 2428             | 2760             | 2908             | 2966             | 2906             |
| <b>Capacity Cushion (MW)</b>   | <b>3355</b>      | <b>3024</b>      | <b>2875</b>      | <b>2817</b>      | <b>2660</b>      |
|                                | 58%              | 52%              | 50%              | 49%              | 48%              |

During the week the Capacity Cushion dipped to a minimum of 48%.

(Note 1) 'Total Capacity' is total capacity procured by the IMO with various adjustments.

(Note 2) Outages are current as at the time of publication and may be subject to change.

(Note 3) Operational Load being the total loss adjusted generator sent out energy.

### This Week

|                               | Mon<br>09 Mar 15 | Tue<br>10 Mar 15 | Wed<br>11 Mar 15 | Thu<br>12 Mar 15 | Fri<br>13 Mar 15 |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Max Temp (°C)</b>          | 32.1             | 30.1             | 33.0             | 34.0             | 35.0             |
| <b>Min Temp (°C)</b>          | 18.0             | 18.0             | 20.0             | 19.0             | 21.0             |
| <b>Forecast Max Load (MW)</b> | <b>2819</b>      | <b>2761</b>      | <b>2939</b>      | <b>3172</b>      | <b>3264</b>      |

### Look Back: LoadWatch Summer 2014

|                               | Mon<br>10 Mar 14 | Tue<br>11 Mar 14 | Wed<br>12 Mar 14 | Thu<br>13 Mar 14 | Fri<br>14 Mar 14 |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Max Temp (°C)</b>          | 28.8             | 33.6             | 37.5             | 26.9             | 24.8             |
| <b>Min Temp (°C)</b>          | 13.3             | 16.7             | 20.2             | 21.6             | 16.2             |
| <b>Forecast Max Load (MW)</b> | <b>2617</b>      | <b>2760</b>      | <b>3291</b>      | <b>3271</b>      | <b>2831</b>      |
| <b>Actual Max Load (MW)</b>   | <b>2479</b>      | <b>2875</b>      | <b>3427</b>      | <b>2702</b>      | <b>2308</b>      |