



## 25 January 2016

AEMO 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 2016 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 2015

### Last Week

|                                   | Mon<br>18 Jan 16 | Tue<br>19 Jan 16 | Wed<br>20 Jan 16 | Thu<br>21 Jan 16 | Fri<br>22 Jan 16 |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|
| Total Capacity (MW) <sup>#1</sup> | 5663             | 5663             | 5663             | 5663             | 5663             |
| Outages (MW) <sup>#2</sup>        | 46               | 141              | 46               | 46               | 83               |
| Available Capacity (MW)           | <b>5617</b>      | <b>5522</b>      | <b>5617</b>      | <b>5617</b>      | <b>5580</b>      |
| Max Temp (°C)                     | 23.6             | 26.3             | 26.7             | 27.5             | 28.9             |
| Min Temp (°C)                     | 18.2             | 13.9             | 14.6             | 16.8             | 16.7             |
| Max Load (MW) <sup>#3</sup>       | 2454             | 2330             | 2287             | 2363             | 2458             |
| Capacity Cushion (MW)             | <b>3163</b>      | <b>3192</b>      | <b>3331</b>      | <b>3254</b>      | <b>3122</b>      |
|                                   | 56%              | 58%              | 59%              | 58%              | 56%              |

During the week the Capacity Cushion dipped to a minimum of 56%.

#1 'Total Capacity' is total capacity procured by AEMO with various adjustments.

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

#3 Operational Load being the total loss adjusted generator sent out energy.

### This Week

|                        | Mon<br>25 Jan 16 | Tue<br>26 Jan 16 | Wed<br>27 Jan 16 | Thu<br>28 Jan 16 | Fri<br>29 Jan 16 |
|------------------------|------------------|------------------|------------------|------------------|------------------|
| Max Temp (°C)          | 33.0             | 31.0             | 31.0             | 34.0             | 36.0             |
| Min Temp (°C)          | 21.0             | 19.0             | 18.0             | 22.0             | 24.0             |
| Forecast Max Load (MW) | <b>3155</b>      | <b>2589</b>      | <b>2936</b>      | <b>3130</b>      | <b>3457</b>      |

### Look Back: LoadWatch Summer 2015

|                        | Mon<br>26 Jan 15 | Tue<br>27 Jan 15 | Wed<br>28 Jan 15 | Thu<br>29 Jan 15 | Fri<br>30 Jan 15 |
|------------------------|------------------|------------------|------------------|------------------|------------------|
| Max Temp (°C)          | 37.1             | 40.0             | 36.8             | 33.9             | 34.7             |
| Min Temp (°C)          | 16.7             | 21.2             | 22.4             | 23.0             | 20.4             |
| Forecast Max Load (MW) | <b>2977</b>      | <b>3759</b>      | <b>3809</b>      | <b>3198</b>      | <b>3409</b>      |
| Actual Max Load (MW)   | <b>2922</b>      | <b>3662</b>      | <b>3722</b>      | <b>3425</b>      | <b>3426</b>      |

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