

# LOADWATCH 2011

24 January 2011

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 11** 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 10.

## Last Week

	Mon	Tue	Wed	Thu	Fri
	17 Jan 11	18 Jan 11	19 Jan 11	20 Jan 11	21 Jan 11
Total Capacity (note 1)	5219	5219	5219	5219	5219
Outages (note 2)	277	148	322	533	533
<b>Available Capacity (MW)</b>	<b>4942</b>	<b>5071</b>	<b>4897</b>	<b>4686</b>	<b>4686</b>
<b>Max Temp (°C)</b>	<b>36</b>	<b>32</b>	<b>31</b>	<b>28</b>	<b>34</b>
<b>Min Temp</b>	<b>20</b>	<b>19</b>	<b>19</b>	<b>16</b>	<b>19</b>
<b>Max Load (MW) (note 3)</b>	<b>2990</b>	<b>2961</b>	<b>2785</b>	<b>2403</b>	<b>2774</b>
<b>Capacity Cushion</b>	<b>1952</b>	<b>2110</b>	<b>2112</b>	<b>2283</b>	<b>1912</b>
	39%	42%	43%	49%	41%

Last Week the capacity cushion dropped to 39%.

(Note 1) 'Total Capacity' is total capacity procured by the IMO with various adjustments (40MW).

(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	Tue	Wed	Thu	Fri
	24 Jan 11	25 Jan 11	26 Jan 11	27 Jan 11	28 Jan 11
<b>Max Temperature</b>	<b>26</b>	<b>28</b>	<b>32</b>	<b>36</b>	<b>40</b>
<b>Min Temperature</b>	<b>18</b>	<b>15</b>	<b>17</b>	<b>20</b>	<b>23</b>
<b>Forecast Max Load (MW)</b>	<b>2533</b>	<b>2600</b>	<b>2434</b>	<b>3271</b>	<b>3669</b>

## Look Back: Summer 10

	Mon	Tue	Wed	Thu	Fri
	25 Jan 10	26 Jan 10	27 Jan 10	28 Jan 10	29 Jan 10
<b>Max Temperature</b>	<b>30</b>	<b>33</b>	<b>34</b>	<b>36</b>	<b>39</b>
<b>Min Temperature</b>	<b>21</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
<b>Forecast Max Load (MW)</b>	<b>2993</b>	<b>2639</b>	<b>3364</b>	<b>3414</b>	<b>3565</b>
<b>Actual Max Load (MW)</b>	<b>2846</b>	<b>2589</b>	<b>3252</b>	<b>3328</b>	<b>3503</b>

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