

# LOADWATCH 2011

7 March 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
	28 Feb 11	01 Mar 11	02 Mar 11	03 Mar 11	04 Mar 11
Total Capacity (note 1)	5219	5219	5219	5219	5219
Outages (note 2)	41	146	146	56	244
<b>Available Capacity (MW)</b>	<b>5179</b>	<b>5073</b>	<b>5073</b>	<b>5163</b>	<b>4975</b>
<b>Max Temp (°C)</b>	<b>39</b>	<b>35</b>	<b>33</b>	<b>34</b>	<b>35</b>
<b>Min Temp</b>	<b>25</b>	<b>21</b>	<b>21</b>	<b>20</b>	<b>21</b>
<b>Max Load (MW) (note 3)</b>	<b>3743</b>	<b>3456</b>	<b>3179</b>	<b>3213</b>	<b>3272</b>
<b>Capacity Cushion</b>	<b>1435</b>	<b>1617</b>	<b>1895</b>	<b>1950</b>	<b>1703</b>
	28%	32%	37%	38%	34%

The high temperature on the 28/02/11 saw the capacity cushion drop to 28%.

(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
	07 Mar 11	08 Mar 11	09 Mar 11	10 Mar 11	11 Mar 11
<b>Max Temperature</b>	<b>29</b>	<b>32</b>	<b>35</b>	<b>34</b>	<b>30</b>
<b>Min Temperature</b>	<b>17</b>	<b>18</b>	<b>18</b>	<b>21</b>	<b>19</b>
<b>Forecast Max Load (MW)</b>	<b>2217</b>	<b>2630</b>	<b>3035</b>	<b>3101</b>	<b>2797</b>

## Look Back: Summer 10

	Mon	Tue	Wed	Thu	Fri
	08 Mar 10	09 Mar 10	10 Mar 10	11 Mar 10	12 Mar 10
<b>Max Temperature</b>	<b>32</b>	<b>33</b>	<b>34</b>	<b>38</b>	<b>41</b>
<b>Min Temperature</b>	<b>18</b>	<b>18</b>	<b>19</b>	<b>21</b>	<b>28</b>
<b>Forecast Max Load (MW)</b>	<b>3126</b>	<b>3390</b>	<b>3709</b>	<b>3831</b>	<b>3878</b>
<b>Actual Max Load (MW)</b>	<b>2893</b>	<b>3068</b>	<b>3469</b>	<b>3775</b>	<b>2765</b>

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