

LOADWATCH²⁰¹²

30 January 2012

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 12 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 11.

Last Week

	Mon	Tue	Wed	Thu	Fri
	23 Jan 12	24 Jan 12	25 Jan 12	26 Jan 12	27 Jan 12
Total Capacity (note 1)	5453	5453	5453	5453	5453
Outages (note 2)	291	90	266	266	266
Available Capacity (MW)	5162	5363	5187	5187	5187
Max Temp (°C)	34.7	38.7	41.1	41.9	37.1
Min Temp	19.7	21.1	25.6	25.4	23.7
Max Load (MW) (note 3)	3241	3681	3879	3490	3721
Capacity Cushion	1922	1683	1308	1697	1466
	37%	31%	25%	33%	28%

During the week the Capacity Cushion dipped to a minimum of 25%.

(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
	30 Jan 12	31 Jan 12	01 Feb 12	02 Feb 12	03 Feb 12
Max Temperature	32.8	37	38	34	32
Min Temperature	15.7	19	23	23	20
Forecast Max Load (MW)	2563	2952	3317	3287	3091

Look Back: Summer 11

	Mon	Tue	Wed	Thu	Fri
	31 Jan 11	01 Feb 11	02 Feb 11	03 Feb 11	04 Feb 11
Max Temperature	29	31	33	33	33
Min Temperature	23	17	19	19	19
Forecast Max Load (MW)	3122	2876	2936	3148	3060
Actual Max Load (MW)	2785	2718	2945	3319	3350

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