

LOADWATCH²⁰¹¹

6 December 2010

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 29 Nov 10	Tue 30 Nov 10	Wed 01 Dec 10	Thu 02 Dec 10	Fri 03 Dec 10
Total Capacity (note 1)	5219	5219	5219	5219	5219
Outages (note 2)	921	1004	957	962	962
Available Capacity (MW)	4298	4215	4262	4257	4257
Max Temp (°C)	37	37	27	25	23
Min Temp	18	16	16	15	9
Max Load (MW) (note 3)	3186	3107	2430	2266	2121
Capacity Cushion	1112	1108	1832	1991	2136
	26%	26%	43%	47%	50%

Last week saw the cushion drop to 26% on the two hottest days.

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

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

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

This Week

	Mon 06 Dec 10	Tue 07 Dec 10	Wed 08 Dec 10	Thu 09 Dec 10	Fri 10 Dec 10
Max Temperature	21	23	25	28	31
Min Temperature	16	15	12	13	14
Forecast Max Load (MW)	2194	2227	2322	2477	2653

Look Back: Summer 10

	Mon 07 Dec 09	Tue 08 Dec 09	Wed 09 Dec 09	Thu 10 Dec 09	Fri 11 Dec 09
Max Temperature	30	28	30	28	32
Min Temperature	18	13	14	14	13
Forecast Max Load (MW)	2489	2482	2518	2412	2781
Actual Max Load (MW)	2473	2331	2427	2348	2513

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