

LOADWATCH 2011

21 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
	14 Mar 11	15 Mar 11	16 Mar 11	17 Mar 11	18 Mar 11
Total Capacity (note 1)	5219	5219	5219	5219	5219
Outages (note 2)	247	357	357	214	260
Available Capacity (MW)	4972	4862	4862	5005	4959
Max Temp (°C)	35	35	33	32	31.2*
Min Temp	19	23	19	21	19*
Max Load (MW) (note 3)	3103	3272	3143	3005	2938
Capacity Cushion	1869	1590	1719	2000	2021
	38%	33%	35%	40%	41%

During the week the Capacity Cushion dipped to a minimum of 33%.

(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.

(Note *) Perth Metro BOM Maximum temperature reading not available. Perth Airport BOM readings taken instead.

This Week

	Mon	Tue	Wed	Thu	Fri
	21 Mar 11	22 Mar 11	23 Mar 11	24 Mar 11	25 Mar 11
Max Temperature	32	34	33	33	34
Min Temperature	17	20	20	18	19
Forecast Max Load (MW)	2758	2978	2958	2925	2963

Look Back: Summer 10

	Mon	Tue	Wed	Thu	Fri
	22 Mar 10	23 Mar 10	24 Mar 10	25 Mar 10	26 Mar 10
Max Temperature	33	32	27	28	29
Min Temperature	21	19	19	20	19
Forecast Max Load (MW)	2860	3085	2878	2843	2755
Actual Max Load (MW)	2865	2721	2603	2609	2513

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