

LOADWATCH 2011

21 February 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 Feb 11	15 Feb 11	16 Feb 11	17 Feb 11	18 Feb 11
Total Capacity (note 1)	5219	5219	5219	5219	5219
Outages (note 2)	168	148	40	40	40
Available Capacity (MW)	5051	5071	5179	5179	5179
Max Temp (°C)	34	36	39	34	34
Min Temp	21	22	25	22	21
Max Load (MW) (note 3)	3336	3546	3761	3419	3270
Capacity Cushion	1716	1525	1418	1760	1909
	34%	30%	27%	34%	37%

High temperatures on the 16/02/2011 saw the capacity cushion drop to 27%.

(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
	21 Feb 11	22 Feb 11	23 Feb 11	24 Feb 11	25 Feb 11
Max Temperature	34	33	35	35	33
Min Temperature	22	19	20	24	24
Forecast Max Load (MW)	3255	3230	3409	3498	3401

Look Back: Summer 10

	Mon	Tue	Wed	Thu	Fri
	22 Feb 10	23 Feb 10	24 Feb 10	25 Feb 10	26 Feb 10
Max Temperature	34	34	39	42	38
Min Temperature	18	16	21	24	27
Forecast Max Load (MW)	3126	3390	3709	3831	3878
Actual Max Load (MW)	2893	3068	3469	3775	3539

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