



18 February 2013

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 13 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 12.

Last Week

Total Capacity (MW) (note 1)

Outages (MW) (note 2)

Available Capacity (MW)

Max Temp (°C)

Min Temp (°C)

Max Load (MW) (note 3)

Capacity Cushion (MW)

	Mon	Tue	Wed	Thu	Fri
	11 Feb 13	12 Feb 13	13 Feb 13	14 Feb 13	15 Feb 13
Total Capacity (MW) (note 1)	5996	5996	5996	5996	5996
Outages (MW) (note 2)	388	223	191	207	303
Available Capacity (MW)	5608	5773	5805	5789	5693
Max Temp (°C)	39.0	41.1	39.3	29.4	35.8
Min Temp (°C)	22.6	26.6	23.0	22.5	20.1
Max Load (MW) (note 3)	3598	3771	3690	3034	3141
Capacity Cushion (MW)	2010	2002	2115	2754	2552
	36%	35%	36%	48%	45%

During the week the Capacity Cushion dipped to a minimum of 35%.

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

(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

Max Temp (°C)

Min Temp (°C)

Forecast Max Load (MW)

	Mon	Tue	Wed	Thu	Fri
	18 Feb 13	19 Feb 13	20 Feb 13	21 Feb 13	22 Feb 13
Max Temp (°C)	28.9	34	36	37	29
Min Temp (°C)	12.8	15.2	22	23.7	18
Forecast Max Load (MW)	2321	2787	3267	3008	2267

Look Back: Summer 12

Max Temp (°C)

Min Temp (°C)

Forecast Max Load (MW)

Actual Max Load (MW)

	Mon	Tue	Wed	Thu	Fri
	20 Feb 12	21 Feb 12	22 Feb 12	23 Feb 12	24 Feb 12
Max Temp (°C)	36.6	36.6	37.9	29.5	27.5
Min Temp (°C)	19.4	24.0	18.6	21.5	20.3
Forecast Max Load (MW)	3325	3322	3165	2741	2564
Actual Max Load (MW)	3522	3555	3588	3039	2549

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