

**ITEM NO: 18**

**SUBJECT: IMPACT OF POWER FAILURES AT BMCC HQ AND SOUTH STREET DEPOT**

**FILE NO: F03819-08/66390**

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**Recommendation:**

*That the Council receive and note this report.*

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**Report by Group Manager, Community & Corporate:**

**Introduction**

The purpose of this report is to advise the Council on the impact power outages have had on work time at both the Katoomba Headquarters Building and the South Street Depot.

**Background**

At the ordinary Council meeting of 11 December 2007, the following Question With Notice was received:

*"How much work time has been lost due to the impact of power failures at the Katoomba Administration Head Quarters in the past month?"*

*Has there been a similar impact on the South Street Depot?"*

The Council has received from Integral Energy, 'outage' details affecting Katoomba over the last 10 years.

A Councillor working party was held on 29<sup>th</sup> July, 2008 on this matter.

**Report**

Between 21 November 2007 and 3 December 2007 four outages affecting Katoomba occurred totalling 4.37 hours. Three of these outages totalling 2.79 hours occurred during Council business hours. This was the worst period for power outages in Katoomba during the last 10 years. The complete schedule of power outages over the last 10 years is included as Attachment 1 to this report.

During November - December 2007 an estimated 320 person work hours were lost at the Katoomba Headquarters and 57 person work hours were lost at the South Street Depot. The figures arrived at above, take into account staff numbers resident in the facilities, allowances for staff on leave, staff reasonably expected to be out in the field, and an estimate of productivity loss during the outage.

Over a ten year period 20 power outages have affected Katoomba with different impact levels and a range of outage durations from 1 minute to 20.7 hours. Of the 20 outages, 10 occurred outside of normal business hours. The 20.7 hour outage was caused by the major bushfire events in December 2002.

From the figures provided by Integral Energy over a 10 year period it has been estimated that an average of 2 outages occur each year for an average duration of 2.5 hours. Using this as a basis, and the same assumptions used to calculate the November-December impact, it is estimated that the annual average work hours lost due to power outages would be 145 work hours at Katoomba Headquarters, and 26 work hours at South Street Depot.

**External Consultation**

Integral Energy power outage figures were provided by the Integral Energy Network Performance Review Manager for a 10 year period between 1 January 1998 to 31 May 2008 as per Attachment 1.

**Conclusion**

In conclusion the total number of work hours lost during November and December was 2.79 hours. An average over the last 10 years is 2.5 hours per year.

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**Attachment 1**

The table below describes power outages affecting BMCC Katoomba Offices between 1 January 1998 and 31 May 2008, a 10 year period.

<b>Incident Number</b>	<b>Date</b>	<b>Time</b>	<b>Cause</b>	<b>Max Outage Duration (Mins)</b>
19980618	1998-01-18	11:13PM	STORM	139
19983358	1998-04-03	04:17AM	UNKNOWN	87
20011567	2001-01-25	06:06PM	STORM	204
20013474	2001-03-14	07:37AM	BIRDS - ON OH MAINS	35
20014581	2001-05-04	12:03PM	WILFUL DAMAGE	1
200210793	2002-12-05	08:40PM	BUSHFIRE	1243
200211512	2002-12-22	04:30PM	STORM	175
200404374	2004-06-03	02:43AM	CAUSE UNKNOWN	97
200404537	2004-06-10	11:34PM	RAIN	116
200409490	2004-12-16	03:06PM	WINDBORNE MATERIAL	25
200502135	2005-02-09	09:54AM	EXCAVATION FOULING UG CABLES	251
200601634	2006-02-07	04:42AM	WIND	78
200608764	2006-11-02	08:31PM	RAIN	142
200609433	2006-11-28	10:48AM	VEGETATION	252
200707035	2007-08-11	07:27AM	WIND	226
200709403	2007-11-21	03:39PM	STORM	58
200709420	2007-11-21	06:58PM	STORM	95
200709700	2007-11-30	03:10PM	STORM	103
200709798	2007-12-03	03:42PM	STORM	6
200803875	2008-05-13	03:08PM	STORM	16