



PUBLIC REPORT TEMPLATE 2012

Part 1 - Corporation Details

Controlling Corporation

Insert the name of the Controlling Corporation exactly as it is registered with the EEO Program.

Big Ben Holdings Pty Limited

Table 1.1 - Major Changes to Corporate Group Structure or Operations

Table 1.1 – Major Changes to Corporate Group Structure or Operations in the last 12 months

There has been no change to the Corporate Group Structure.

Declaration

Declaration of accuracy and compliance

The information included in this report has been reviewed and noted by the board of directors and is to the best of my knowledge, correct and in accordance with the *Energy Efficiency Opportunities Act 2006* and *Energy Efficiency Opportunities Regulations 2006*.

John Richards Managing Director/CEO

Date 11. 12. 2012

Part 2 - Assessment Outcomes

Table 2.1 – Assessment Details

It is compulsory to complete a separate table for each entity* that has been assessed

Name of entity	Bloomfield Collieries Pty Ltd
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Total energy use in the last financial year	339,204	GJ
Total percentage of energy use assessed when assessments were undertaken	100	%

Description of the way in which the entity carried out its assessment

Electricity was accessed from usage records on accounts
Diesel from supply records and reconciled against usage on site.
Fuel oil from supply records and reconciled against records of use in explosives from blasting. These assessments were undertaken previously.
Energy usage has been monitored during this reporting period. Further opportunities have been identified and with the continuing implementation of opportunities previously identified.

* Entity is group member, business unit, or key activity. Please note that, for individual sites that use more than 0.5PJ of energy, all energy use must be assessed (less a small proportion for non integral energy use).

Table 2.2 - Energy efficiency opportunities identified in the assessment

It is compulsory to complete a separate table for each entity that has been assessed

Status of opportunities identified to an accuracy of better than or equal to ±30%		Total Number of opportunities	Estimated energy savings per annum by payback period (GJ)						Total estimated energy savings per annum (GJ)
			0 – 2 years		2 – 4 years		> 4 years		
			No of Opps	GJ	No of Opps	GJ	No of Opps	GJ	
Business Response	Implemented	3					3	4051	4051
	Implementation Commenced	1	1	1185					1185
	To be Implemented								
	Under Investigation								
	Not to be Implemented								
Outcomes of assessment	Total Identified	4		1185				4051	5236

Please note that Corporate Groups **are not required** to report opportunities with a payback greater than 4 years. Reporting this data is voluntary.

Table 2.3 - Details of significant opportunities identified in the assessment

Corporate Groups are required to provide at least 3 examples of significant opportunities for improving the energy efficiency of the group that have been identified in assessments.

Description of Opportunity No 1	Voluntary Information	
Replace Caterpillar Front End Loader with smaller more efficient IT62 machine saving on fuel.	Equipment Type	Smaller more efficient machine
	Business Response	Implement
	Energy saved (GJ)	296
	Greenhouse gas abated (CO2-e)	22
	\$s saved	\$11,500
	Payback period	➤ 4 year
Description of Opportunity No 2	Voluntary Information	
Replace Caterpillar 992C Front End Loader with 992K FEL. 10% more diesel burn but 21.7% more efficient machine.	Equipment Type	Larger more efficient machine
	Business Response	Implement
	Energy saved (GJ)	1536
	Greenhouse gas abated (CO2-e)	119
	\$s saved	\$33,000
	Payback period	➤ 4 year
Description of Opportunity No 3	Voluntary Information	
Pump Conversion. Replace existing arrangement of generator powering 2 electric pumps with the installation of a diesel powered pump.	Equipment Type	Water pump
	Business Response	Implement
	Energy saved (GJ)	2219
	Greenhouse gas abated (CO2-e)	161
	\$s saved	\$57,000
	Payback period	2-4 year.

Please note that the "Description of the Opportunity" above should include information on the specific nature and type of opportunity as well as information on the type of equipment and/or process involved.

Part 3 – Transition to Second Cycle

This table should only be completed by 2005-06 trigger-year corporations transitioning to the second cycle.

In December 2011 many corporations reported energy efficiency opportunities that were still under investigation as at 30 June 2011. This report should advise what your business response to these opportunities has been – implemented or not to be implemented. If you intend to further investigate these opportunities, they should be reported in the future Public Reports as opportunities identified in the second cycle.

Status of opportunities identified to an accuracy of better than or equal to ±30%		Total Number of opportunities	Estimated energy savings per annum by payback period (GJ)						Total estimated energy savings per annum (GJ)
			0 – 2 years		2 – 4 years		> 4 years		
			No of Opps	GJ	No of Opps	GJ	No of Opps	GJ	
As reported in December 2011	Under Investigation	1					1	3960	3960
Business Response as at 30 June 2012	Implemented								
	Not to be Implemented	1					1	3960	3960
	To be evaluated/reported in the second cycle								

Part 2 - Assessment Outcomes

Table 2.1 – Assessment Details

It is compulsory to complete a separate table for each entity* that has been assessed

Name of entity	Rix's Creek Pty Ltd	
Total energy use in the last financial year	544,733	GJ
Total percentage of energy use assessed when assessments were undertaken	100	%

Description of the way in which the entity carried out its assessment

Electricity was accessed from usage records on accounts
 Diesel from supply records and reconciled against usage on site.
 Fuel oil from supply records and reconciled against records of use in explosives from blasting. These assessments were undertaken previously. Energy usage has been monitored during this reporting period. Further opportunities have been identified and with the continuing implementation of opportunities previously identified.

* Entity is group member, business unit, or key activity. Please note that, for individual sites that use more than 0.5PJ of energy, all energy use must be assessed (less a small proportion for non integral energy use).

Table 2.2 - Energy efficiency opportunities identified in the assessment

It is compulsory to complete a separate table for each entity that has been assessed

Status of opportunities identified to an accuracy of better than or equal to ±30%		Total Number of opportunities	Estimated energy savings per annum by payback period (GJ)						Total estimated energy savings per annum (GJ)
			0 – 2 years		2 – 4 years		> 4 years		
			No of Opps	GJ	No of Opps	GJ	No of Opps	GJ	
Business Response	Implemented	1					1	3805	3805
	Implementation Commenced								
	To be Implemented								
	Under Investigation								
	Not to be Implemented								
Outcomes of assessment	Total Identified	1					1	3805	3805

Please note that Corporate Groups **are not required** to report opportunities with a payback greater than 4 years. Reporting this data is voluntary.

Table 2.3 - Details of significant opportunities identified in the assessment

Corporate Groups are required to provide at least 3 examples of significant opportunities for improving the energy efficiency of the group that have been identified in assessments.

Description of Opportunity No 1	Voluntary Information	
Replacement of Caterpillar 793 Haul truck engine with High Displacement high efficiency engine.	Equipment Type	Haul Truck engine upgrade
	Business Response	Implement
	Energy saved (GJ)	3805
	Greenhouse gas abated (CO2-e)	295
	\$s saved	\$119,000
	Payback period	➤ 4 year

Description of Opportunity No 2	Voluntary Information	
	Equipment Type	
	Business Response	
	Energy saved (GJ)	
	Greenhouse gas abated (CO2-e)	
	\$s saved	
	Payback period	

Description of Opportunity No 3	Voluntary Information	
	Equipment Type	
	Business Response	
	Energy saved (GJ)	
	Greenhouse gas abated (CO2-e)	
	\$s saved	
	Payback period	

Please note that the "Description of the Opportunity" above should include information on the specific nature and type of opportunity as well as information on the type of equipment and/or process involved.

Part 3 – Transition to Second Cycle

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Status of opportunities identified to an accuracy of better than or equal to ±30%		Total Number of opportunities	Estimated energy savings per annum by payback period (GJ)						Total estimated energy savings per annum (GJ)
			0 – 2 years		2 – 4 years		> 4 years		
			No of Opps	GJ	No of Opps	GJ	No of Opps	GJ	
As reported in December 2011	Under Investigation	1					1	540	540
Business Response as at 30 June 2012	Implemented								
	Not to be Implemented	1					1	540	540
	To be evaluated/reported in the second cycle								