



## PUBLIC REPORT TEMPLATE 2011

Please note that this template has been updated based on feedback from a number of Corporations during the recent review of regulations. It is not compulsory for you to use this Public Report template. You may wish to continue to use the previous template, or you may report in another format of your choice. Either is acceptable provided you report all the information required by the EEO Act and Regulations.

There is an explanatory document at pages 5-14 of this template that fully explains how to complete it. There is also some targeted guidance on the template itself.

### Part 1 - Corporation Details

#### Controlling Corporation

#### Period to which this report relates

Insert the name of the Controlling Corporation exactly as it is registered with the EEO Program. The period to which the report relates is the total period of participation up to 30 June prior to when the report is due.

Big Ben Holdings Pty Limited

From

1 July 2006

To

30 June 2011

#### Table 1.1 - Major Changes to Corporate Group Structure or Operations

**Table 1.1 – Major Changes to Corporate Group Structure or Operations**

**There have been no major changes to the Corporate Structure or Operations of the Big Ben Holdings Company during the reporting period.**

#### Table 1.2 – Aggregate energy assessed covered in this report

Total energy use covered by all assessments in this report	778,433	GJ
Total energy assessed as percentage of total energy use of the corporate group*#	97	%

\* If this report covers only part of the corporate group, then the percentage should be computed on the total energy use for that part of the group covered in this report

# Please note that corporations are required to assess 80% or more of their energy use in the first five-year assessment cycle and 90% or more in subsequent five-year assessment cycles. Accordingly, for those corporations with a 2005-06 trigger year (i.e. those corporations at the end of their first-five year assessment cycle), the value in "Percentage of corporation's energy use assessed" above, must be more than 80%.



## 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

Date 22.12.2011



## Part 2 - Assessment Outcomes

**Table 2.1 – Assessment Details**

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

**Name of group member or business unit or key activity**

Bloomfield Collieries Pty Limited

**Total energy use in the last financial year**

288,224

GJ

**Energy use assessed in this entity as a percentage of total entity energy use\***

100

%

**Energy use assessed in this entity as a percentage of total corporate energy use**

36

%

**Accuracy of above estimates related to energy use assessed - only required if not  $\pm 5\%$  or better**

-

%

**Period over which assessment was undertaken**

1/7/2006

30/6/2010

**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.

\* 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 group member, business unit, or key activity that has been assessed

Table 2.2 – Energy efficiency opportunities identified in the assessment									
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	11	6	3,669	1	1,015	4	14,470	19,154
	Implementation Commenced	1	1	28	Nil	Nil	Nil		28
	To be Implemented	2	Nil	Nil	Nil	Nil	2	1,832	1,832
	Under Investigation	1	Nil	Nil	Nil	Nil	1	3,960	3,960
	Not to be Implemented	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Outcomes of assessment	Total Identified	15	6	3,695	1	1,015	7	20,262	24,974
Status of opportunities identified to an accuracy of worse than ±30%									
Business Response	Implemented								
	Implementation Commenced								
	To be Implemented								
	Under Investigation								
	Not to be Implemented								
Outcomes of assessment	Total Identified								

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	Voluntary Information	
	Business Response	To be implemented.
	Energy saved (GJ)	1,536
	Greenhouse gas abated (CO2-e)	119 tonnes
	\$s saved	\$33,000
	Payback period	17 yrs

Description of Opportunity	Voluntary Information	
	Business Response	To be implemented.
	Energy saved (GJ)	296
	Greenhouse gas abated (CO2-e)	23 tonnes
	\$s saved	\$11,500
	Payback period	17 yrs.

Description of Opportunity	Voluntary Information	
	Business Response	Continuing implementation
	Energy saved (GJ)	28
	Greenhouse gas abated (CO2-e)	7 tonnes
	\$s saved	\$10,000
	Payback period	1.5 yrs

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 2 - Assessment Outcomes

**Table 2.1 – Assessment Details**

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

**Name of group member or business unit or key activity**

Rix's Creek Pty Limited

**Total energy use in the last financial year**

490,209

GJ

**Energy use assessed in this entity as a percentage of total entity energy use\***

100

%

**Energy use assessed in this entity as a percentage of total corporate energy use**

61

%

**Accuracy of above estimates related to energy use assessed - only required if not  $\pm 5\%$  or better**

-

%

**Period over which assessment was undertaken**

1/7/2006

30/6/2010

**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.**

\* 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 group member, business unit, or key activity that has been assessed

Table 2.2 – Energy efficiency opportunities identified in the assessment									
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	16	5	13,581	4	7,762	7	2,059	23,402
	Implementation Commenced	1	Nil	Nil	Nil	Nil	1	102	102
	To be Implemented		Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Under Investigation	1	Nil	Nil	Nil	Nil	1	540	540
	Not to be Implemented	1	Nil	Nil	Nil	Nil	1	80	80
Outcomes of assessment	Total Identified	19	5	13,581	4	7,762	10	2,781	24,124
Status of opportunities identified to an accuracy of worse than ±30%									
Business Response	Implemented								
	Implementation Commenced								
	To be Implemented								
	Under Investigation								
	Not to be Implemented								
Outcomes of assessment	Total Identified								

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	Voluntary Information	
	Business Response	Implement
	Energy saved (GJ)	162
	Greenhouse gas abated (CO2-e)	40 tonnes
	\$s saved	\$4,500
	Payback period	32 yrs

Description of Opportunity	Voluntary Information	
	Business Response	Implemented
	Energy saved (GJ)	90
	Greenhouse gas abated (CO2-e)	22 tonnes
	\$s saved	\$2,500
	Payback period	17 yrs

Description of Opportunity	Voluntary Information	
	Business Response	Implementation commenced.
	Energy saved (GJ)	102
	Greenhouse gas abated (CO2-e)	8.4 tonnes
	\$s saved	\$4,000
	Payback period	23 years

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.