

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.

Sonoma Mine Management Pty Ltd From To

Table 1.1 - Major Changes to Corporate Group Structure or Operations

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No changes to corporate group structure or operations.

Table 1.2 – Aggregate energy assessed covered in this report

Total energy use covered by all assessments in this report	1,243,160	GJ
Total energy assessed as percentage of total energy use of the corporate group**	100	%

* If this report covers only part of the corporate group, than 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*.

Chris Millard; General Manager – Operations
Sonoma Mine Management

Date 29.12.2011

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

Sonoma Mine Management Pty Ltd

Total energy use in the last financial year

1,243,160	GJ
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Energy use assessed in this entity as a percentage of total entity energy use*

100	%
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Energy use assessed in this entity as a percentage of total corporate energy use

100	%
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Accuracy of above estimates related to energy use assessed - only required if not ±5% or better

	%
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Period over which assessment was undertaken

01/07/10		30/06/11
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Description of the way in which the entity carried out its assessment

Sonoma Mine Management Pty Ltd consumed 1,243,160 GJ of energy in the 2010/11 financial year. This report is the first public report under the Australian Federal Government Energy Efficiency Opportunities Legislation.

Sonoma completed an initial assessment of Energy Efficiency Opportunities during 2010 – 2011 reporting period. The completed EEO site assessment was aimed at identifying cost effective energy efficiency improvements and establishing systems that aid in the implementation of opportunities to improve Sonoma's energy efficiency and usage at the operating site. The assessment methodology adopted by Sonoma is explained in detail in the ARS submitted to DRET. This process includes:

- Background information gathering
- Energy management review,
- Baseline analysis and energy mass balance development
- Opportunities scoping workshop
- Opportunities pre-screening workshop
- Detailed assessment of opportunities and development of business cases
- Project tracking and progress reviews

* 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

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 - 5 4 years		> 4 years		
		No of Opps	GJ	No of Opps	GJ	No of Opps	GJ	
Business Response	Implemented	0	0	0	0	0	0	0
	Implementation Commenced	0	0	0	0	0	0	0
	To be Implemented	2	514	0	0	0	0	514
	Under Investigation	5	5,402	0	0	0	0	5,402
Not to be Implemented	0	0	0	0	0	0	0	
Outcomes of assessment	Total Identified	7	5,916	0	0	0	0	5,916
Status of opportunities identified to an accuracy of worse than ±30%								
Business Response	Implemented	0	0	0	0	0	0	0
	Implementation Commenced	0	0	0	0	0	0	0
	To be Implemented	2	11,581	1	79	0	0	11,660
	Under Investigation	4	7,030	1	704	1	32,662	40,397
Not to be Implemented	0	0	0	0	0	0	0	
Outcomes of assessment	Total Identified	6	18,611	2	784	1	32,662	52,057

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
<p>Main power for crib at go-line. Due to the diversion of 2 Mile creek, the existing go-line will have to be relocated. There is an opportunity to connect main power to crib at go-line so that the 100 kVa diesel genset can be eliminated. Annual energy savings of 4,194 GJ is expected with a payback of less than one year.</p>

Description of Opportunity
<p>Compressed air leaks. The identification and management of air leaks presents a significant opportunity to the plant in energy savings through reduced usage of compressed air. This will result in energy saving of up to 11,581 GJ per annum.</p>

Description of Opportunity
<p>Viscosity driveline. There is an opportunity to reduce fuel consumption by reducing the drive line viscosity. The opportunity is to reduce the driveline viscosity from 60w to 30w to increase driveline performance and fuel economy. The potential saving is estimated to be 2,836 GJ, and has a low payback period.</p>

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.