



REVISED PUBLIC REPORT

Part 1 - Corporation details

Period to which the report relates

Start Period

End Period


Controlling corporation

Insert the name of the controlling corporation exactly as it is registered with the EEO Program.

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
<p>Mining operations at the Coobina Chromite mine ceased in July 2013 due to declining ore grades and yields reflecting the fact that the mine had reached the natural end of its life as a viable commercial operation. The Processing Plant will continue to operate until the ore stockpiles are consumed, which is expected to be in early 2014.</p> <p>The assessment of energy usage in the Coobina Process Plant had commenced at the time of closure. While this work was discontinued as a result of the imminent closure of the Plant, the opportunity was taken to compare energy usage Key Performance Indicators at Coobina with similar plant operating at the Woodie Woodie site.</p>

Declaration

Declaration of accuracy and compliance	
<p>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 <i>Energy Efficiency Opportunities Act 2006</i> and Energy Efficiency Opportunities Regulations 2006. All opportunities have been assessed to a level of accuracy that is commensurate with the financial investment required for implementation.</p>	<p> PAUL MULLER MANAGING DIRECTOR</p>
	<p>Insert name and title of signatory here (chair of the board, CEO, or managing director)</p>
	<p>Date <u>20/12/13</u></p>

Part 2 - Assessment outcomes

It is compulsory to complete Tables 2.1 to 2.3 for each entity (subsidiary, business unit, key activity or site) that has been assessed.

Table 2.1 – Assessment details

Name of entity	Pilbara Manganese Pty Ltd	
A. Total corporate energy use in the last financial year	1,010,672	GJ
B. Total energy use covered by assessments	139,836	GJ
C. Total percentage of energy use assessed $(B \div A) \times 100$	14	%

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

Table 2.2 - Energy efficiency opportunities identified in the assessment

Status of opportunities identified		Total Number of opportunities	Total estimated energy savings per annum (GJ)
Business response	Implemented		
	Implementation commenced	1	670
	To be implemented		
	Under investigation	2	7490
	Not to be implemented		
Outcomes of assessment	Total identified	3	8160

Please note that corporate groups **are not required** to report opportunities with a payback greater than four years. Reporting this data is voluntary.

Table 2.3 - Details of significant opportunities identified in the assessment

It is compulsory to report at least 1 example of a significant opportunity for improving the energy efficiency for the controlling corporation that has been identified in assessments. If a corporation has structured assessments to relate to business units or key activities they should report one significant opportunity for each of those entities to which the assessment applies.

Description of opportunity No. 1	Type of information to be covered
<p>A link has been installed between the control systems operating the Process Plant and the Powerhouse. The link will allow the Plant Operators to match the energy output of the Powerhouse to the requirements of the Process Plant. This will increase the average load on each generator, increasing the efficiency of power generation. This project will reduce diesel consumption in the Powerhouse, resulting in energy savings of 670 GJ per year with a CO2-e abatement of 47 tonnes per year. The project produces savings of \$18,000 per year and has a Payback period of approximately 4 years.</p>	Equipment type
	Business response
	Energy saved (GJ)
	Greenhouse gas abated (CO2-e)
	\$ saved
	Payback period

Description of opportunity No. 2 - voluntary	Type of information to be covered
	Equipment type
	Business response
	Energy saved (GJ)
	Greenhouse gas abated (CO2-e)
	\$ saved
	Payback period

Description of opportunity No 3 - voluntary	Type of information to be covered
	Equipment type
	Business response
	Energy saved (GJ)
	Greenhouse gas abated (CO2-e)
	\$ saved
	Payback period

Please note that the *Description of 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

Table 3a – Details of business response to opportunities under investigation as at 30 June 2012

In December 2012, many corporations reported energy efficiency opportunities that were still under investigation as at 30 June 2012. 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.

For each entity that had energy efficiency opportunities that were still under investigation as at 30 June 2012, please complete the following table.

Name of entity		Total number of opportunities	Estimated energy savings per annum by payback period (GJ)						Total estimated energy savings per annum (GJ)
Status of opportunities identified to an accuracy of <u>better than</u> or equal to $\pm 30\%$ *			0–2 years		2–4 years		> 4 years		
			No of Opps	GJ	No of Opps	GJ	No of Opps	GJ	
As reported in December 2012	Under investigation								
Business response as at 30 June 2013	Implemented								
	Not to be Implemented								
	To be evaluated/reported in the second cycle								

* In the report issued December 2012, Consolidated Minerals did not have any projects that had been identified to an accuracy of better than or equal to $\pm 30\%$. The opportunity has been taken in this Public Report to update the progress in the projects that were identified to an accuracy of worse than $\pm 30\%$.