

PUBLIC REPORT

Part 1 - Corporation details

Period to which the report relates

Start Period

1 July 2012

End Period

30 June 2013

Controlling corporation

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

AZSA Holdings Pty Ltd (Glencore NSW and QLD – formerly Xstrata Coal NSW and QLD)

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

In mid 2013, a merger between Xstrata PLC (including Xstrata Coal) and Glencore was approved and finalised. Xstrata Coal Australia is now named Coal Assets Australia Glencore (CAAG). The controlling corporation of CAAG remains AZSA Holdings Pty Ltd.

In the months prior to the merger being finalised, there was some uncertainty regarding corporate structure and roles and responsibilities, meaning that the commencement of the EEO Assessment process was delayed.

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*. All opportunities have been assessed to a level of accuracy that is commensurate with the financial investment required for implementation.

Insert name and title of signatory here

(chair of the board, CEO, or managing director)

Date

A. Supper 20/12/13 *Michael Suter*
Glencore Executive

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	Glencore Coal NSW		
A. Total corporate energy use in the last financial year		22,122,724	GJ
B. Total energy use covered by assessments		13,985,858	GJ
C. Total percentage of energy use assessed (B ÷ A) x 100		63% ¹	%

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

As in the previous EEO cycle, CAAG will conduct EEO assessments as a continuous improvement process. In 2013, the assessment process commenced with data collection and analysis for all 11 operational coal mines in NSW. The energy baseline and energy mass balance (EMB) was established for each site, with benchmarking of similar facilities (e.g. open cut, underground, CHPP) across the CAAG portfolio conducted.

This information will then be used to provide context during opportunities identification workshops that will be held early in 2014. Baseline and EMB data will also provide the means to quantify the potential savings of opportunities identified.

The opportunities listed in the table below for Glencore NSW have been carried across from the 1st EEO cycle. The status (business response) of the opportunities has been updated where applicable.

¹ As described, the assessment process has commenced for all CAAG facilities, with over 50% of the assessment process completed across all sites. However, the assessment for any individual site will not be 100% complete until the opportunity identification workshops and follow-up occurs early next year.

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	18	3,500
	Implementation commenced	25	106,343
	To be implemented	24	1,896
	Under investigation	24	19,779
	Not to be implemented	2	1,100
Outcomes of assessment	Total identified	93	132,618

Table 2.1 – Assessment details

Name of entity	Glencore Coal QLD		
A. Total corporate energy use in the last financial year		22,122,724	GJ
B. Total energy use covered by assessments		7,789,027	GJ
C. Total percentage of energy use assessed (B ÷ A) x 100		35% ²	%

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

As in the previous EEO cycle, CAAG will conduct EEO assessments as a continuous improvement process. In 2013, the assessment process commenced with data collection and analysis for all 4 operational coal mines in Queensland. The energy baseline and energy mass balance (EMB) was established for each site, with benchmarking of similar facilities (e.g. open cut, underground, CHPP) across the CAAG portfolio conducted.

This information will then be used to provide context during opportunities identification workshops that will be held early in 2014. Baseline and EMB data will also provide the means to quantify the potential savings of opportunities identified.

The opportunities listed in the table below for Glencore NSW have been carried across from the 1st EEO cycle. The status (business response) of the opportunities has been updated where applicable.

² As described, the assessment process has commenced for all CAAG facilities, with over 50% of the assessment process completed across all sites. However, the assessment for any individual site will not be 100% complete until the opportunity identification workshops and follow-up occurs early next year.

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	1,411
	To be implemented	1	16,710
	Under investigation	4	7,424
	Not to be implemented	-	-
Outcomes of assessment	Total identified	6	25,545

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.

<p>iVolve wireless productivity management system</p> <p>A wireless networked production management system that provides production managers and shift supervisors with real-time production data, allowing trend analyses and efficiency opportunities to be identified.</p>	<p>Equipment type: Wireless production management system</p> <p>Business response: Implementation commenced</p> <p>Energy saved: 85,000 GJ (forecast)</p> <p>Greenhouse gas abated: 5,900 tCO₂-e</p> <p>\$ saved: \$425,000</p> <p>Payback period: < 2years</p>
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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.