



NATIONAL GREENHOUSE AND ENERGY REPORT

AngloGold Ashanti Australia Limited
FOR THE REPORTING PERIOD 01/07/2010 - 30/06/2011

PART A

Reporting under the National Greenhouse and Energy Reporting (NGER) Act 2007

This report refers to the reporting entity, which is any corporation or person obligated to submit a report (the Report) under the NGER Act; including registered corporations under section 12, a corporation holding a Reporting Transfer Certificate (RTC) under section 22K or an "other person" as declared by the Greenhouse and Energy Data Officer (GEDO) under section 20.

All data must be contained in Parts A and B of the report. Unless prior agreement has been obtained from the GEDO, Part C is only to be used to provide additional or voluntary data that is not otherwise required.

This Report must contain any information specified by the NGER legislation in relation to the greenhouse gas (GHG) emissions, energy production and energy consumption from the operation of facilities. Data used to compile the Report must be based on the methods specified in the NGER (Measurement) Determination 2008

Submitting the Report

This Report is only valid when Part B has been completed in the Online System for Comprehensive Activity Reporting (OSCAR) and a printed and signed Part A has subsequently been received by the GEDO. The Part A report is only to be signed after Part B has been completed in OSCAR. If the information provided at Part B has been altered after the signing of Part A, the Report will no longer be valid. To ensure that a valid Report has been provided, please check that the version designated (in the footer of the report) on Part A corresponds with that on Part B. A hardcopy version of Part B does not need to be sent along with the signed Part A.

CORPORATION DETAILS

Reporting Entity name:	AngloGold Ashanti Australia Limited
Identifying Details:	ABN: 42 008 737 424
Chief Executive Officer (or equivalent):	Mr Graham Ehm

Corporation Head Office Street Address:

**Level 13 St Martins Tower
44 St Georges Terrace
PERTH, WA 6000, AUSTRALIA**

Corporation Postal Address:

**PO Box Z5046
PERTH, WA 6000, AUSTRALIA**



COMMERCIAL-IN-CONFIDENCE

Registration Application No.: R080725-00020

ABN: 42 008 737 424

File Number: 2008/0949

Reporting Year: 2010/11

Australian Government
Department of Climate Change
and Energy Efficiency

CEO (or equivalent) details:

Name: Mr Graham Ehm
Position: Executive Vice President,
Australasia Operations
Address: PO Box Z5046
PERTH, WA 6000, AUSTRALIA

Phone: 0894254601
Email: gehm@anglogoldashanti.com.au

Contact Person details:

Name: Mr Micheal LeRoy
Position: Vice President Sustainability
Address: PO Box Z5046
PERTH, WA 6000, AUSTRALIA

Phone: 08 94254639
Email: mleroy@anglogoldashanti.com.au



GREENHOUSE GAS EMISSIONS AND ENERGY TOTALS FOR THE REPORTING PERIOD
01/07/2010 - 30/06/2011

The table below reports total scope 1 and scope 2 greenhouse gas emissions (GHG), energy produced and energy consumed by the corporate group as reported in detail in Part B of this Report.

	GHG EMISSIONS			ENERGY	
	Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
Actual	137,799	334	138,133	2,730,357	469,663
% Value Converted to Value	0	0	0	0	0
Corporation Total:	137,799	334	138,133	2,730,357	469,663

This report contains data that has been measured using the following methods as outlined in the National Greenhouse and Energy Reporting (Measurement) Determination 2008

Method 1 Known as the default method, derived from the National Greenhouse Accounts methods and is based on national average estimates

Other Method Another method that is consistent with the principles in section 1.13 of the NGER (Measurement) Determination 2008



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STATEMENTS

Any statements below are system generated for Reports prepared under certain provisions in the NGER legislation.

Reporting about incidental emissions and energy (regulation 4.27):

This Report contains greenhouse gas emissions and energy information from facilities that is incidental to the operation of the facility and reported in accordance with NGER regulation 4.27.

The measurement of the production of energy from these sources using another method or criteria in the Determination would cause the corporation significant hardship or expense.

Corporate group threshold met:

The corporate group of AngloGold Ashanti Australia Limited has met a corporate group threshold prescribed in sections 13 (1)(a),(b), or (c) of the NGER Act during the reporting year and is reporting under Divisions 4.3 to 4.5 of the NGER regulations (regulation 4.02(3)(b)).

VALIDATION WARNINGS

This report contained 0 unresolved warnings listed in Part B of the Report.



Australian Government

**Department of Climate Change
and Energy Efficiency**

PRIVACY STATEMENT

Personal Information

Under the NGER Act and the NGER Regulations, the Greenhouse Energy Data Officer (the GEDO) and authorised staff have the authority to collect information which may include personal information as defined by the Privacy Act 1988 (Cth).

"Personal information", as defined in the Privacy Act, means any information from which a person's identity is apparent or can be reasonably ascertained.

In compliance with the Privacy Act, the Greenhouse and Energy Reporting Office of the Department of Climate Change and Energy Efficiency has appropriate measures in place to ensure that personal information is protected. Measures include procedures and systems for the receipt, management and storage of personal information and ongoing monitoring of these arrangements.

Disclosure of information

The GEDO and authorised staff are only able to disclose greenhouse and energy information (which may include personal information) in accordance with the NGER Act or as otherwise required by law.

Information may be disclosed for the following purposes:

- administering a program or collecting statistics relating to greenhouse gas emissions, energy consumption or energy production;
- in connection with court or tribunal proceedings, or proposed or possible court or tribunal proceedings under the NGER Act;
- facilitating reviews of Australia's compliance with its international obligations relating to reporting of greenhouse gas emissions, consumption of energy or production of energy; and
- streamlining State and Territory programs in accordance with the objectives of the NGER Act.

The full Privacy Statement for the Department of Climate Change and Energy Efficiency is available online at

<http://www.climatechange.gov.au/statements/privacy.html>.

If you have further questions on privacy of information collected under the NGER Act, please contact the Greenhouse and Energy Reporting Office on 1800 018 831.



DECLARATION

The CEO (or equivalent) should read the following declaration and sign below

It is the responsibility of the reporting entity to ensure that the information provided in the Report is prepared and supplied in accordance with the requirements set out in the NGER Act and NGER Regulations and that the data is based on methods in the NGER (Measurement) Determination.

Under the NGER Act and NGER Regulations, it is the responsibility of the reporting entity to provide the necessary information in their Report even if someone else assists it in preparing that data.

In order to assist reporting entities to comply with their reporting obligations under the NGER Act and NGER Regulations, NGER Guidance material has been developed by the Commonwealth and is available on the Department's website: www.climatechange.gov.au/reporting. NGER Guidance material can be used in conjunction with the NGER Technical Guidelines, which were developed to assist stakeholders understand and apply the NGER (Measurement) Determination.

It should be noted that neither NGER Guidance nor the NGER Technical Guidelines constitute legal advice. Reporting entities are encouraged to seek independent advice to find out how the NGER Act and its subordinate legislation applies, as it is the responsibility of each reporting entity to satisfy its statutory obligations.

Under sections 19, 20 and 22G of the NGER Act, a reporting entity who fails to provide a Report in compliance with its obligations could be liable for a civil penalty of up to 2,000 penalty units (under the Crimes Act 1914, a penalty unit is currently equal to \$110). Under section 30 of the NGER Act, a reporting entity may be liable for an additional civil penalty for each day on and after the due date of the Report.

In accordance with section 22 of the NGER Act, a reporting entity is required to maintain records of the activities for which it is responsible in order to demonstrate that it has complied with its obligations under the NGER legislation. Records should be retained for a period of 7 years from the end of the year in which the activities took place. Failure to comply with this directive could be punishable by up to 1,000 penalty units.

By signing below, the Chief Executive Officer (or equivalent), as identified, acknowledges the above declaration and that:

- Parts A and B of this Report are being provided by the identified reporting entity in accordance with the NGER legislation.
- Either
 - this Report is required for a registered corporation's trigger year (within the meaning of subsections 12(1) or (3) of the NGER Act); or
 - the corporation was a registered corporation at the end of the financial year to which the Report relates; or
 - the corporation was the holder of an RTC in relation to a facility at the end of the financial year to which the Report relates; or
 - the Report is being provided by an "other person" as declared by the GEDO under s.20 of the NGER Act.
- The validation warnings identified in this Report have been noted.
- The information provided in Parts A and B of this Report has been prepared and supplied in accordance with the requirements set out in the NGER Act, NGER Regulations and NGER (Measurement) Determinations.
- Under Division 137 of the Criminal Code it may be an offence to provide false or misleading information or documents to the GEDO in purported compliance with this Act.

Name of CEO (or equivalent) (in full)

Signature of CEO (or equivalent)

Date



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Where the CEO has not signed this report:

The CEO (or equivalent) of a reporting entity may not delegate authority to sign the NGER Report to another person. However, it is acceptable for a senior executive officer, who is officially acting in the absence of the CEO (or equivalent), to sign Part A of the NGER Report. Alternatively, the CEO can authorise another person to sign the Report for and on their behalf. For more information on alternative signatories please contact the Department or visit our website.

- The Report has been signed by a senior executive officer, who is officially acting in the absence of the CEO (or equivalent); or
- The Report has been signed by a person that has been authorised by the CEO, to sign for and on their behalf (evidence of authorisation must be provided)



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Once signed, a copy of Part A should be kept for your records. The signed Part A must be received by the GEDO by the reporting due date. Part B does not need to be sent with Part A.

Post the signed Part A to:

Greenhouse and Energy Data Officer
National Greenhouse and Energy Reporting
Department of Climate Change and Energy Efficiency
GPO Box 854
CANBERRA ACT 2601

Reporting entities may alternatively submit the scanned signed Part A to the GEDO by email to reporting@climatechange.gov.au. A corporation will be considered to have met its reporting deadline if the scanned signed copy is received by the GEDO by the reporting due date. If submission occurs by email, then the corporation is not required to send the original hardcopy of Part A by post.

After the signed Part A is received by the GEDO, the primary contact will be sent a receipt confirmation that the Report has been received in full.



NATIONAL GREENHOUSE AND ENERGY REPORT

AngloGold Ashanti Australia Limited
FOR THE REPORTING PERIOD 01/07/2010 - 30/06/2011

PART B

Head Office Postal Address:

**PO Box Z5046
PERTH, WA 6000, AUSTRALIA**

Head Office Street Address:

**Level 13 St Martins Tower
44 St Georges Terrace
PERTH, WA 6000, AUSTRALIA**

Reporting under the National Greenhouse and Energy Reporting (NGER) Act 2007

A reporting entity must submit Part A and B report components, which together comprise the National Greenhouse and Energy Report (the Report).

For registered corporations reporting in accordance with section 19 of the NGER Act, the Report contains information in relation to the GHG emissions, energy production and energy consumption from the operation of facilities under the operational control of the registered corporation or members of the corporation's group during the reporting period. For reporting entities holding an RTC, this Report contains information in relation to the GHG emissions, energy production and energy consumption from the operation of RTC facilities.

If the Report is being submitted by an "other person" as declared by the Greenhouse and Energy Data Officer under section 20 of the NGER Act, the Report only needs to contain the section 19 information that is not in the possession or under control of the registered corporation.

This Report must contain any information specified by the NGER legislation, and data used to compile the Report must be based on the methods specified in the NGER (Measurement) Determination 2008..

Submitting the Report

Part B of this Report is to be completed in the Online System for Comprehensive Activity Reporting (OSCAR), however the Report is not valid until a printed Part A report is subsequently signed and received by the Greenhouse and Energy Reporting Office. The Part A report is only to be signed after Part B has been completed in OSCAR. If the information provided at Part B has been altered after the signing of Part A, the Report will no longer be valid. To ensure that a valid Report has been provided, please check that the version designated on Part A corresponds with that on Part B. A hardcopy version of Part B does not need to be sent along with the signed Part A.

NB: If a registered corporation does not meet a threshold under section 13 of the NGER Act, the data tables in this report will be blank, but group member and facility details will be included with a statement to satisfy legislative requirements.



GREENHOUSE GAS EMISSIONS AND ENERGY TOTALS FOR THE REPORTING PERIOD

The tables below report total scope 1 and scope 2 greenhouse gas emissions (GHG), energy consumed and energy produced by the corporate group if a s.13 threshold is met for the reporting period.

	GHG EMISSIONS			ENERGY	
	Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
Actual	137,799	334	138,133	2,730,357	469,663
% Value Converted to Value	0	0	0	0	0
Corporation Total:	137,799	334	138,133	2,730,357	469,663

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
137,146	338	306	0	0	10	137,799



REPORTING SMALLER FACILITIES BY ESTIMATING EMISSIONS AND ENERGY (Reg. 4.26)

Smaller facilities that are below GHG emissions or energy levels defined in regulation 4.26 can be reported as an estimated percentage of the corporate group's totals. The values of GHG emissions and energy reported under this regulation are based on the following percentage estimates. GHG emissions and energy data is not required to be reported elsewhere for facilities that are reported under this regulation.

Number of facilities reported as %	GHG Emissions (%)		Energy Produced (%)	Energy Consumed (%)
	Scope 1	Scope 2		
0	0	0	0	0

This report contains data that has been measured using the following methods as outlined in the NGER (Measurement) Determination 2008:

Method 1 Known as the default method, derived from the National Greenhouse Accounts methods and is based on national average estimates

Other Method Another method that is consistent with the principles in section 1.13 of the NGER (Measurement) Determination 2008

REPORTING ASSESSMENT OF UNCERTAINTY

The NGER Regulations require a registered corporation's report to include the amount of uncertainty associated with estimates of scope 1 emissions for their corporate group.

Uncertainty is to be assessed for an emissions estimate so that a range for statistical uncertainty is provided at a 95% confidence level. The uncertainty of emissions estimates is to be calculated in accordance with the rules set out in Chapter 8 of the NGER (Measurement) Determination, including in accordance with the *GHG Protocol guidance on uncertainty assessment in GHG inventories and calculating statistical parameter uncertainty (September 2003)*, as applicable.

Assessment of Uncertainty: 3.5%



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Reporting about incidental emissions and energy (regulation 4.27):

This Report contains greenhouse gas emissions and energy information from facilities that is incidental to the operation of the facility and reported in accordance with NGER regulation 4.27.

The measurement of the production of energy from these sources using another method or criteria in the Determination would cause the corporation significant hardship or expense.

Corporate group threshold met:

The corporate group of AngloGold Ashanti Australia Limited has met a corporate group threshold prescribed in sections 13 (1)(a),(b), or (c) of the NGER Act during the reporting year and is reporting under Divisions 4.3 to 4.5 of the NGER regulations (regulation 4.02(3)(b)).

**CORPORATE SUMMARY****Scope 1 Greenhouse Gas Emissions Summary**

Source Name	Activity Data Name	Activity Data Context Name	Amount	Unit	Scope 1 (t CO ₂ -e)
Electricity	Diesel Oil	Non-transport	8,751	kL	23,475
Electricity	Liquefied natural gas	Non-transport	1,052,416	GJ	54,021
Gas Insulated Switch Gear and Circuit Breaker Application	Gas insulated switchgear and circuit breaker applications - SF6 stock	Synthetic Gases	0	tonnes	10
Other Stationary	Diesel Oil	Non-transport	20,411	kL	54,756
Other Stationary	Gasoline (other than for use as fuel in an aircraft)	Non-transport	3	kL	8
Other Stationary	Liquefied petroleum gas	Non-transport	196	kL	302
Other Stationary	Other gaseous fossil fuels	Non-transport	587	m ³	1
Other Stationary	Petroleum based greases	Non-transport	18	kL	20
Other Stationary	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	106	kL	115
Transport	Diesel Oil	Transport	1,838	kL	4,959
Transport	Gasoline for use as fuel in an aircraft	Transport	6	kL	14
Transport	Kerosene for use as fuel in an aircraft	Transport	1	kL	2
Wastewater handling (domestic or commercial)	Wastewater handling (domestic and commercial)	Waste	0	-	118
TOTAL:					137,799

Scope 2 Greenhouse Gas Emissions Summary

Source Name	Activity Data Name	Activity Data Context Name	Amount	Unit	Scope 2 (t CO ₂ -e)
Energy commodities	Electricity	Energy commodity	407,344	kWh	334
Energy commodities	Electricity (not from grid)	Energy commodity	466,911	GJ	0
Energy commodities	Electricity (not from grid)	Energy commodity	764,444	kWh	0
TOTAL:					334



Energy Consumption Summary

Source Name	Activity Type	Activity Type Context	Amount	Unit	Converted Amount (GJ)
Electricity	Liquefied natural gas	Non-transport	1,052,416	GJ	1,052,416
Electricity	Diesel Oil	Non-transport	8,751	kL	337,773
Energy commodities	Electricity	Energy commodity	407,344	kWh	1,466
Energy commodities	Electricity (not from grid)	Energy commodity	466,911	GJ	466,911
Energy commodities	Electricity (not from grid)	Energy commodity	764,444	kWh	2,752
Other Stationary	Other gaseous fossil fuels	Non-transport	587	m ³	23
Other Stationary	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	106	kL	4,126
Other Stationary	Petroleum based greases	Non-transport	18	kL	710
Other Stationary	Gasoline (other than for use as fuel in an aircraft)	Non-transport	3	kL	113
Other Stationary	Diesel Oil	Non-transport	20,411	kL	787,850
Other Stationary	Liquefied petroleum gas	Non-transport	196	kL	5,039
Transport	Diesel Oil	Transport	1,838	kL	70,945
Transport	Gasoline for use as fuel in an aircraft	Transport	6	kL	204
Transport	Kerosene for use as fuel in an aircraft	Transport	1	kL	30
TOTAL:					2,730,357

Energy Production Summary

Methods of Production	Produced for the operation of the facility	Units	Produced for use outside the operation of the facility	Units	Produced for supply to an electricity transmission or distribution network	Units	Converted Amount (GJ)
Electricity (thermal generation)	130,461,938	kWh	-	-	-	-	469,663
TOTAL:							469,663



CORPORATE STRUCTURE (TABLE OF CONTENTS) INCLUDING EMISSIONS SUMMARY

Emissions Summary By Facility			GHG EMISSIONS			ENERGY	
Document Reference Number	Entity Name	Entity Type	Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
1	Corporate	Facility	3,076	334	3,410	48,495	2,752
2	Exploration Queensland	Facility	76	0	76	1,087	0
3	Sunrise Dam	Facility	134,647	0	134,647	2,680,775	466,911

CEO (or equivalent) details:

Name: Mr Graham Ehm
Position: Executive Vice President, Australasia Operations
Address: PO Box Z5046
 PERTH, WA 6000, AUSTRALIA

Phone: 0894254601
Email: gehm@anglogoldashanti.com.au

Contact Person details:

Name: Mr Micheal LeRoy
Position: Vice President Sustainability
Address: PO Box Z5046
 PERTH, WA 6000, AUSTRALIA

Phone: 08 94254639
Email: mleroy@anglogoldashanti.com.au



1. Facility - Corporate

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
3,076	334	3,410	48,495	2,752

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
3,045	11	20	0	0	0	3,076

Facility Details

Operational Control: AngloGold Ashanti Australia Limited has operational control over this facility.

Facility Street Address: Level 13 St Martins Tower 44 St Georges Terrace PERTH, WA 6000, AUSTRALIA

Geographic Coordinates: 31.571°S, 115.513°E

Region: WA

ANZSIC Code: 080

Division: Mining

Subdivision: Metal Ore Mining

Group: Metal Ore Mining

Class:

**Number of days with
Operational Control:** 365



Incidental Emissions and Energy

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
5	0	5	437	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
0	4	1	0	0	0	5

Facility Data



Australian Government
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GREENHOUSE GAS EMISSIONS

Scope 1



Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Electricity	Diesel Oil	Non-transport	A	181	kL	38.6	6,999	69.200	CO ₂	Method 1	484
								0.100	CH ₄	Method 1	1
								0.200	N ₂ O	Method 1	1
Other Stationary	Diesel Oil	Non-transport	A	71	kL	38.6	2,752	69.200	CO ₂	Method 1	190
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	1
Other Stationary	Gasoline (other than for use as fuel in an aircraft)	Non-transport	A	3	kL	34.2	113	66.700	CO ₂	Method 1	8
								0.200	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Other Stationary	Petroleum based greases	Non-transport	A	2	kL	38.8	91	27.900	CO ₂	Method 1	3
								0.000	CH ₄	Method 1	0
								0.000	N ₂ O	Method 1	0
Other Stationary	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	A	9	kL	38.8	355	27.900	CO ₂	Method 1	10
								0.000	CH ₄	Method 1	0
								0.000	N ₂ O	Method 1	0
Transport	Diesel Oil	Transport	A	874	kL	38.6	33,733	69.200	CO ₂	Method 1	2,334
								0.200	CH ₄	Method 1	7
								0.500	N ₂ O	Method 1	17
Transport	Gasoline for use as fuel in an aircraft	Transport	A	6	kL	33.1	204	66.300	CO ₂	Method 1	13
								0.040	CH ₄	Method 1	0
								0.700	N ₂ O	Method 1	0
Transport	Kerosene for use as fuel in an aircraft	Transport	A	1	kL	36.8	30	68.900	CO ₂	Method 1	2
								0.010	CH ₄	Method 1	0
								0.700	N ₂ O	Method 1	0
TOTAL:											3,071



Incidental For Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Wastewater handling (domestic or commercial)	Wastewater handling (domestic and commercial)	Waste		0			0		CH ₄	Other Method	4
									N ₂ O	Other Method	1
TOTAL:											5



Greenhouse Gas Emissions

Incidental for Wastewater handling (domestic or commercial)

Activity type	Activity context	Criteria	Amount	Unit	Gas	Method	Total t CO ₂ -e Carbon Dioxide Equivalent.
Wastewater handling (domestic and commercial)	Waste	-	-	-	CH ₄	Other Method	4
					N ₂ O	Other Method	1
TOTAL:							5

Source Information

Name	Entered Amount	Unit
The population served by wastewater treatment plant	40	-
The fraction of COD in wastewater anaerobically treated	0.3	-
The fraction of COD removed as sludge	0	-
The tonnes of COD transferred off site and disposed at landfill	0	tonnes
The tonnes of COD transferred off site and disposed at a site other than landfill	0	tonnes
The tonnes of methane (CO ₂ -e) captured for production of electricity on site	0	t CO ₂ -e
The tonnes of methane (CO ₂ -e) captured and transferred offsite	0	t CO ₂ -e
The tonnes of methane (CO ₂ -e) flared	0	t CO ₂ -e
The tonnes of COD measured entering treatment site	2.34	tonnes
The fraction of COD in sludge anaerobically treated onsite	0	-
The tonnes of methane (CO ₂ -e) generated from the decomposition of COD	0	t CO ₂ -e
The tonnes of COD in effluent leaving the site	0	tonnes
The tonnes of nitrogen in sludge transferred out of the plant and disposed at landfill	0	tonnes
The tonnes of nitrogen in influent entering the plant	0.23	tonnes
The tonnes of nitrogen in sludge transferred out of the plant and disposed at a site other than landfill	0	tonnes
The tonnes of nitrogen in effluent leaving the plant	0	tonnes



Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		407,344	kWh	334
Energy commodities	Electricity (not from grid)	Energy commodity		764,444	kWh	0
TOTAL:						334



ENERGY PRODUCTION

Electricity Production

Methods of Production	Criteria	Produced for the operation of the facility	Units	Produced for use outside the operation of the facility	Units	Produced for supply to an electricity transmission or distribution network	Units	Converted Amount (GJ)
Electricity (thermal generation)		764,444	kWh					2,752
TOTAL:								2,752

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for producing electricity

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Electricity	Diesel Oil	Non-transport	Combusted	A	181.314	kL	38.6	6,999
TOTAL:								6,999

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Diesel Oil	Transport	Combusted	A	873.917	kL	38.6	33,733
TOTAL:								33,733

Incidental For Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline for use as fuel in an aircraft	Transport	Combusted	A	6.15	kL	33.1	204
Transport	Kerosene for use as fuel in an aircraft	Transport	Combusted	A	0.82	kL	36.8	30
TOTAL:								234



Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Combusted	A	9.161	kL	38.8	355
Other Stationary	Diesel Oil	Non-transport	Combusted	A	71.298	kL	38.6	2,752
TOTAL:								3,108

Incidental For Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Petroleum based greases	Non-transport	Combusted	A	2.333	kL	38.8	91
Other Stationary	Gasoline (other than for use as fuel in an aircraft)	Non-transport	Combusted	A	3.3	kL	34.2	113
TOTAL:								203

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			407,344	kWh	0.004	1,466
Energy commodities	Electricity (not from grid)	Energy commodity			764,444	kWh	0.004	2,752
TOTAL:								4,218

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	44,277	GJ
Energy consumed by means other than combustion	4,218	GJ
TOTAL:	48,495	GJ



2. Facility - Exploration Queensland

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
76	0	76	1,087	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
75	0	0	0	0	0	76

Facility Details

Operational Control: AngloGold Ashanti Australia Limited has operational control over this facility.

Facility Street Address: 150km Northeast of Cloncurry and 255km Northeast of Mt Isa CLONCURRY, QLD 4824, AUSTRALIA

Geographic Coordinates: 19.175°S, 140.531°E

Region: QLD

ANZSIC Code: 101

Division: Mining

Subdivision: Exploration and Other Mining Support Services

Group: Exploration

Class:

**Number of days with
Operational Control:** 365

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Diesel Oil	Non-transport	A	26	kL	38.6	989	69.200	CO ₂	Method 1	68
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Transport	Diesel Oil	Transport	A	3	kL	38.6	98	69.200	CO ₂	Method 1	7
								0.200	CH ₄	Method 1	0
								0.500	N ₂ O	Method 1	0
TOTAL:											76

Greenhouse Gas Emissions

No Scope 2 Emissions Data is Available.

No Energy Production Data is Available.



COMMERCIAL-IN-CONFIDENCE

Registration Application No.: R080725-00020

ABN: 42 008 737 424

File Number: 2008/0949

Reporting Year: 2010/11

Australian Government
**Department of Climate Change
and Energy Efficiency**

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Diesel Oil	Transport	Combusted	A	2.548	kL	38.6	98
TOTAL:								98

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Diesel Oil	Non-transport	Combusted	A	25.615	kL	38.6	989
TOTAL:								989

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,087	GJ
TOTAL:	1,087	GJ



3. Facility - Sunrise Dam

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
134,647	0	134,647	2,680,775	466,911

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
134,026	326	286	0	0	10	134,647

Facility Details

Operational Control: AngloGold Ashanti Australia Limited has operational control over this facility.

Facility Street Address: Bindah Rd Via Laverton LAVERTON, WA 6440, AUSTRALIA

Geographic Coordinates: 29.081°S, 122.416°E

Region: WA

ANZSIC Code:

Division:

Subdivision:

Group:

Class:

**Number of days with
Operational Control:** 365



Incidental Emissions and Energy

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
113	0	113	9,452	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
0	102	12	0	0	0	113

List of Contractors

Name	Identifier	GHG Emissions (t CO ₂ -e)	Consumption of Energy (TJ)	Production of Energy (TJ)
Downer EDI Mining Pty Ltd	ABN: 49 004 142 223	33,338	479	0
Energy Generation Pty Ltd	ABN: 82 009 017 458	77,010	466	466
Barmarco Limited	ABN: 32 109 439 894	7,241	104	0
GRAND TOTAL:		117,589	1,049	466

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Electricity	Diesel Oil	Non-transport	A	8,569	kL	38.6	330,774	69.200	CO ₂	Method 1	22,890
								0.100	CH ₄	Method 1	33
								0.200	N ₂ O	Method 1	66
Electricity	Liquefied natural gas	Non-transport	A	1,052,416	GJ	1	1,052,416	51.200	CO ₂	Method 1	53,884
								0.100	CH ₄	Method 1	105
								0.030	N ₂ O	Method 1	32
Gas Insulated Switch Gear and Circuit Breaker Applications	Gas insulated switchgear and circuit breaker applications – SF6 stock	Synthetic Gases	A	0	tonnes	1	0	0.005	SF ₆	Method 1	10
Other Stationary	Diesel Oil	Non-transport	A	20,314	kL	38.6	784,109	69.200	CO ₂	Method 1	54,260
								0.100	CH ₄	Method 1	78
								0.200	N ₂ O	Method 1	157
Other Stationary	Liquefied petroleum gas	Non-transport	A	196	kL	25.7	5,039	59.600	CO ₂	Method 1	300
								0.100	CH ₄	Method 1	1
								0.200	N ₂ O	Method 1	1
Other Stationary	Other gaseous fossil fuels	Non-transport	A	587	m ³	0.0393	23	51.200	CO ₂	Method 1	1
								0.100	CH ₄	Method 1	0
								0.030	N ₂ O	Method 1	0
Other Stationary	Petroleum based greases	Non-transport	A	16	kL	38.8	619	27.900	CO ₂	Method 1	17
								0.000	CH ₄	Method 1	0
								0.000	N ₂ O	Method 1	0



Other Stationary	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	A	97	kL	38.8	3,771	27.900	CO ₂	Method 1	105
								0.000	CH ₄	Method 1	0
								0.000	N ₂ O	Method 1	0
Transport	Diesel Oil	Transport	A	961	kL	38.6	37,113	69.200	CO ₂	Method 1	2,568
								0.200	CH ₄	Method 1	7
								0.500	N ₂ O	Method 1	19
TOTAL:											134,534

Incidental For Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope 1 t CO ₂ -e Carbon Dioxide Equivalent.
Wastewater handling (domestic or commercial)	Wastewater handling (domestic and commercial)	Waste		0			0		CH ₄	Other Method	102
									N ₂ O	Other Method	12
								TOTAL:			

Greenhouse Gas Emissions



Gas Insulated Switch Gear and Circuit Breaker Application

Activity type	Activity context	Criteria	Amount	Unit	Gas	Method	Total t CO ₂ -e Carbon Dioxide Equivalent.
Gas insulated switchgear and circuit breaker applications – SF6 stock	Synthetic Gases	A	0.08	tonnes	SF ₆	Method 1	10
TOTAL:							10

Global Warming Potential for Gas Insulated Switch Gear and Circuit Breaker Application

Source	Activity Data Name	Activity Data Context Name	Amount	Unit	Global Warming Gas	Global Warming Potential	Stock
Gas Insulated Switch Gear and Circuit Breaker Application	Gas insulated switchgear and circuit breaker applications - SF6 stock	Synthetic Gases	0.08	tonnes	Sulphur hexafluoride	23900	1,912

Source Information



Incidental for Wastewater handling (domestic or commercial)

Activity type	Activity context	Criteria	Amount	Unit	Gas	Method	Total t CO ₂ -e Carbon Dioxide Equivalent.
Wastewater handling (domestic and commercial)	Waste	-	-	-	CH ₄	Other Method	102
					N ₂ O	Other Method	12
TOTAL:							114

Source Information

Name	Entered Amount	Unit
The population served by wastewater treatment plant	410	-
The fraction of COD in wastewater anaerobically treated	0.8	-
The fraction of COD removed as sludge	0	-
The tonnes of COD transferred off site and disposed at landfill	0	tonnes
The tonnes of COD transferred off site and disposed at a site other than landfill	0	tonnes
The tonnes of methane (CO ₂ -e) captured for production of electricity on site	0	t CO ₂ -e
The tonnes of methane (CO ₂ -e) captured and transferred offsite	0	t CO ₂ -e
The tonnes of methane (CO ₂ -e) flared	0	t CO ₂ -e
The tonnes of COD measured entering treatment site	23.99	tonnes
The fraction of COD in sludge anaerobically treated onsite	0.8	-
The tonnes of methane (CO ₂ -e) generated from the decomposition of COD	101.7	t CO ₂ -e
The tonnes of COD in effluent leaving the site	0	tonnes
The tonnes of nitrogen in sludge transferred out of the plant and disposed at landfill	0	tonnes
The tonnes of nitrogen in influent entering the plant	2.36	tonnes
The tonnes of nitrogen in sludge transferred out of the plant and disposed at a site other than landfill	0	tonnes
The tonnes of nitrogen in effluent leaving the plant	0	tonnes



Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity (not from grid)	Energy commodity		466,910.981	GJ	0
TOTAL:						0



ENERGY PRODUCTION

Electricity Production

Methods of Production	Criteria	Produced for the operation of the facility	Units	Produced for use outside the operation of the facility	Units	Produced for supply to an electricity transmission or distribution network	Units	Converted Amount (GJ)
Electricity (thermal generation)		129,697,494	kWh					466,911
TOTAL:								466,911

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for producing electricity

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Electricity	Liquefied natural gas	Non-transport	Combusted	A	1,052,415.764	GJ	1	1,052,416
Electricity	Diesel Oil	Non-transport	Combusted	A	8,569.286	kL	38.6	330,774
TOTAL:								1,383,190

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Diesel Oil	Transport	Combusted	A	961.489	kL	38.6	37,113
TOTAL:								37,113

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Diesel Oil	Non-transport	Combusted	A	20,313.701	kL	38.6	784,109
TOTAL:								784,109

Incidental For Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Other gaseous fossil fuels	Non-transport	Combusted	A	587	m ³	0.039	23
Other Stationary	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Combusted	A	97.18	kL	38.8	3,771
Other Stationary	Petroleum based greases	Non-transport	Combusted	A	15.963	kL	38.8	619
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	196.064	kL	25.7	5,039
TOTAL:								9,452



Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity (not from grid)	Energy commodity			466,910.981	GJ	1	466,911
TOTAL:								466,911

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	2,213,864	GJ
Energy consumed by means other than combustion	466,911	GJ
TOTAL:	2,680,775	GJ

ADDITIONAL INFORMATION

Any further information you may wish to provide can be added to the "Comments" tab in OSCAR. Information provided may or may not be used by the GEDO and authorised staff, and will only be used in accordance with the NGER Act or as otherwise required by law.



NATIONAL GREENHOUSE AND ENERGY REPORT

AngloGold Ashanti Australia Limited

FOR THE REPORTING PERIOD 01/07/2010 - 30/06/2011

PART C

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STATEMENT:

AngloGold Ashanti Australia Limited wishes to include as part of its National Greenhouse and Energy Report the following 0 attachments:

No.	File Name	Description
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