



Australian Government
Clean Energy Regulator

Kimberley Mineral Sands
78623201507 (ABN)

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National Greenhouse and Energy Reporting

**Section 19 - Emissions and Energy
Report**

Reporting year
2024-2025





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1. Introduction

1.1 About this report

This report is submitted by Kimberley Mineral Sands for reporting year 2024-2025. This business is registered with ABN – 78623201507

1.2 Report Under Section 19 of the National Greenhouse and Energy Reporting Act 2007

Corporations registered under Division 3 of Part 2 of the *National Greenhouse and Energy Reporting Act 2007* (the NGER Act) are required to provide a report to the Clean Energy Regulator (the Regulator) by 31 October each year in respect of the previous financial year relating to:

- greenhouse gas emissions; and
- energy production; and
- energy consumption

from the operation of facilities under the operational control of the corporation and entities that are members of the corporation's group, during that financial year.

A report under section 19 of the NGER Act must be given in a manner and form approved by the Regulator and set out the information specified in the *National Greenhouse and Energy Reporting Regulations 2008* (the NGER Regulations). The report must also be based on the methods, or methods which meet criteria, set out in the *National Greenhouse and Energy Reporting (Measurement) Determination 2008* (the Measurement Determination).

This report is an approved form in which a report under section 19 of the NGER Act may be given to the Regulator.

Giving false or misleading information is a serious offence.

1.3 Submitting the report

The approved manner for submission of the section 19 report is completion and submission of the report in the Emissions and Energy Reporting System.

Your report must be submitted to the Regulator by 31 October 2025.

If a copy of this report is printed in hardcopy form for any purpose it does not represent, nor it can be treated as, an official version of the report submitted to the regulator.



2. Controlling corporation contact details

Controlling corporation details	
Name	Kimberley Mineral Sands
Business Identifier	78623201507 (ABN)
Street address	264 Port Drive, MINYIRR Western Australia 6725 Australia
Postal address	264 Port Drive, MINYIRR Western Australia 6725 Australia

Contact person details	
Name	Micaela Green
Phone	
Email	mgreen@kmsands.com.au
Position	

Executive officer details	
Name	Gemma Davies
Phone	
Email	gdavies@kmsands.com.au
Position	



3. Emission and energy summary

3.1 Threshold statement

Your organisation 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 4.03).

3.2 Controlling corporation emission and energy summary

The table below reports total scope 1 and scope 2 greenhouse gas emissions, energy produced and energy consumed by the corporate group Kimberley Mineral Sands for the 2024-2025 reporting period.

Greenhouse gas emissions (t CO ₂ -e)		Energy produced and energy consumed (GJ)	
Scope 1	53,684	Energy produced	156,137
Scope 2	8	Energy consumed net	894,543
Total Scope 1 and Scope 2	53,692	Energy consumed total	1,050,680
Voluntary Market-Based Scope 2	-		
Scope 1 Emission By Gas (t CO ₂ -e)			
Carbon Dioxide CO ₂	53,490	Perfluorocarbons PFCs	0
Methane CH ₄	89	Hydrofluorocarbons HFCs	0
Nitrous Oxide N ₂ O	99	Sulphur Hexafluoride SF ₆	6

3.3 Corporate emission and energy breakdown

3.3.1 Facilities

The table below lists the facilities whose greenhouse gas emissions and energy production and energy consumption are included in the S19 report.

Facility	Scope 1 Emissions (t CO ₂ -e)	Scope 2 Emissions (t CO ₂ -e)	Market-based Scope 2 (t CO ₂ -e)	Energy Consumed Net (GJ)	Energy Consumed (GJ)	Energy Produced (GJ)
Kimberley Mineral Sands (Controlling corporation)						
• Broome Office	0	7	-	48	48	0
• Perth Office	0	1	-	7	7	0
• Thunderbird Mineral Sands Project	53,684	0	-	894,488	1,050,625	156,137

3.4 Uncertainty details

The NGER Regulations require a registered corporation's report to include the amount of uncertainty associated with the estimates of Scope 1 emissions for their corporate group. Uncertainty is to be assessed for an emissions estimate so that a range of 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 Determination, including in accordance with the Greenhouse Gas Protocol guidance on uncertainty assessment in greenhouse gas inventories and calculating statistical parameter uncertainty (September 2003), as applicable.

Source of uncertainty	Emissions (t CO ₂ -e)	Uncertainty%
Thunderbird Mineral Sands Project		
• Fuel: Diesel oil	29,626	3.2%



4. Entity and activity details

4.1 Kimberley Mineral Sands (Controlling corporation)

Name	Kimberley Mineral Sands		
Business Identifier	78623201507 (ABN)		
Greenhouse gas emissions (t CO ₂ -e)		Energy produced and energy consumed (GJ)	
Scope 1	53,684	Energy Produced	156,137
Scope 2	8	Energy consumed net	894,543
Total Scope 1 and Scope 2	53,692	Energy consumed total	1,050,680
Voluntary Market-Based Scope 2	-		
Scope 1 Emission by gas (t CO ₂ -e)			
Carbon Dioxide CO ₂	53,490	Perfluorocarbons PFCs	0
Methane CH ₄	89	Hydrofluorocarbons HFCs	0
Nitrous Oxide N ₂ O	99	Sulphur Hexafluoride SF ₆	6

4.1.1 Broome Office (Facility)

4.1.1.1 Facility details

Name	Broome Office		
Street address	264 Port Drive Broome WA 6725		
Geographic coordinates	Latitude -17.988000, Longitude 122.205000		
Activity location	WA		
Grid connected electricity generator	No		
ANZSIC code	109 - Other mining support services		
Operational control	Kimberley Mineral Sands		
Days of operational control	Full year		
Greenhouse gas emissions (t CO ₂ -e)		Energy produced and energy consumed (GJ)	
Scope 1	0	Energy Produced	0
Scope 2	7	Energy consumed net	48
Total Scope 1 and Scope 2	7	Energy consumed total	48
Voluntary Market-Based Scope 2	-		
Scope 1 Emission By Gas (t CO ₂ -e)			
Carbon Dioxide CO ₂	0	Perfluorocarbons PFCs	0
Methane CH ₄	0	Hydrofluorocarbons HFCs	0
Nitrous Oxide N ₂ O	0	Sulphur Hexafluoride SF ₆	0

4.1.1.2 Activities

4.1.1.2.1 Activity details – Scope 2 Emissions

Source	Scope 2 emissions: n/a	Gas	Method	EF (kg CO ₂ -e/GJ)	Scope 2 (t CO ₂ -e)
Activity	Purchase and loss of electricity from other sources	CO ₂ -e	A2	0.56	7
Location	WA	Quantity		ECF (GJ/unit)	Energy (GJ)
		13,311.7	kWh	0.0036	48



4.1.2 Perth Office (Facility)

4.1.2.1 Facility details

Name	Perth Office		
Street address	Level 2, 41- 47 Colin Street, West Perth, WA, 6005, Australia		
Geographic coordinates	Latitude -31.949000, Longitude 115.841000		
Activity location	WA		
Grid connected electricity generator	No		
ANZSIC code	109 - Other mining support services		
Operational control	Kimberley Mineral Sands		
Days of operational control	Partial year : 201 days 01/07/2024 - 17/1/2025		
Greenhouse gas emissions (t CO ₂ -e)		Energy produced and energy consumed (GJ)	
Scope 1	0	Energy Produced	0
Scope 2	1	Energy consumed net	7
Total Scope 1 and Scope 2	1	Energy consumed total	7
Voluntary Market-Based Scope 2	-		
Scope 1 Emission By Gas (t CO ₂ -e)			
Carbon Dioxide CO ₂	0	Perfluorocarbons PFCs	0
Methane CH ₄	0	Hydrofluorocarbons HFCs	0
Nitrous Oxide N ₂ O	0	Sulphur Hexafluoride SF ₆	0

4.1.2.2 Activities

4.1.2.2.1 Activity details – Scope 2 Emissions

Source	Scope 2 emissions: n/a	Gas	Method	EF (kg CO ₂ -e/GJ)	Scope 2 (t CO ₂ -e)
Activity	Purchase and loss of electricity from main electricity grid in a State or Territory	CO ₂ -e	A1	0.51	1
Location	WA	Quantity		ECF (GJ/unit)	Energy (GJ)
		1,882.1 kWh		0.0036	7



4.1.3 Thunderbird Mineral Sands Project (Facility)

4.1.3.1 Facility details

Name	Thunderbird Mineral Sands Project		
Street address	Great Northern Highway Broome WA 6725		
Geographic coordinates	Latitude -17.424000, Longitude 122.959000		
Activity location	WA		
Grid connected electricity generator	No		
ANZSIC code	080 - Metal ore mining		
Operational control	Kimberley Mineral Sands		
Days of operational control	Full year		
Greenhouse gas emissions (t CO ₂ -e)		Energy produced and energy consumed (GJ)	
Scope 1	53,684	Energy Produced	156,137
Scope 2	0	Energy consumed net	894,488
Total Scope 1 and Scope 2	53,684	Energy consumed total	1,050,625
Voluntary Market-Based Scope 2	-		
Scope 1 Emission By Gas (t CO ₂ -e)			
Carbon Dioxide CO ₂	53,490	Perfluorocarbons PFCs	0
Methane CH ₄	89	Hydrofluorocarbons HFCs	0
Nitrous Oxide N ₂ O	99	Sulphur Hexafluoride SF ₆	6

4.1.3.2 Activities

4.1.3.2.1 Activity details – Scope 1 Emissions

Source	Fuel combustion: Stationary and Transport energy purposes (excluding electricity generation) Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Gas	Method	EF (kg CO ₂ -e/GJ)	Scope 1 (t CO ₂ -e)	
Activity		CO ₂	1	69.9	29,316	
		CH ₄	1	0.1	42	
		N ₂ O	1	0.2	84	
Location		WA	Total emissions			29,442
Fuel name	Usage	Primary/Secondary	Criteria	Quantity	ECF (GJ/unit)	Energy (GJ)
Diesel oil	combustion	Secondary	A	10,865.442 kL	38.6	419,406
Source	Fuel combustion: Stationary and Transport energy purposes (excluding electricity generation) Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gas	Method	EF (kg CO ₂ -e/GJ)	Scope 1 (t CO ₂ -e)	
Activity		CO ₂	1	69.9	183	
		CH ₄	2	0.01	0	
		N ₂ O	2	0.5	1	
Location		WA	Total emissions			184
Fuel name	Usage	Primary/Secondary	Criteria	Quantity	ECF (GJ/unit)	Energy (GJ)
Diesel oil - Transport post-2004	combustion	Secondary	A	67.68 kL	38.6	2,612
Source	Fuel combustion: Stationary and Transport energy purposes (excluding electricity generation) Emissions released from combustion of petroleum based oils or greases	Gas	Method	EF (kg CO ₂ -e/GJ)	Scope 1 (t CO ₂ -e)	
Activity		CO ₂	1	3.5	0	
Location		WA				
Fuel name	Usage	Primary/Secondary	Criteria	Quantity	ECF (GJ/unit)	Energy (GJ)
Petroleum based greases	combustion	Secondary	A	1.501 kL	38.8	58



Source	Fuel combustion: Stationary and Transport energy purposes (excluding electricity generation)	Gas	Method	EF (kg CO ₂ -e/GJ)	Scope 1 (t CO ₂ -e)	
Activity	Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	CO ₂	1	60.2	2	
		CH ₄	1	0.2	0	
		N ₂ O	1	0.2	0	
Location	WA	Total emissions			2	
Fuel name	Usage	Primary/Secondary	Criteria	Quantity	ECF (GJ/unit)	Energy (GJ)
Liquefied petroleum gas	combustion	Secondary	A	1.156 kL	25.7	30

Source	Fuel combustion: Stationary and Transport energy purposes (excluding electricity generation) Emissions released from combustion of petroleum based oils or greases WA	Gas	Method	EF (kg CO ₂ -e/GJ)	Scope 1 (t CO ₂ -e)		
Activity		CO ₂	Other Method	13.9	84		
Location							
Fuel name		Usage	Primary/Secondary	Criteria	Quantity	ECF (GJ/unit)	Incidental Energy (GJ)
Petroleum based oils (other than petroleum based oil used as fuel)		combustion	Secondary	A	156.496 kL	38.8	6,072

Source	Industrial processes: Emissions of hydrofluorocarbons and sulphur hexafluoride gases	Gas	Method	EF (kg CO ₂ -e/GJ)	Scope 1 (t CO ₂ -e)
Activity	Emissions of sulphur hexafluoride gases from gas insulated switchgear and circuit breaker applications	SF ₆	1	0.0089	6
Location	WA	Quantity		ECF (GJ/unit)	Energy (GJ)
		652.83 tCO ₂ -e			

Source	Fuel combustion: Emissions released from fuel use by certain industries (including electricity generation) Electricity production - Gaseous fuels WA	Gas	Method	EF (kg CO ₂ -e/GJ)	Scope 1 (t CO ₂ -e)	
Activity Location		CO ₂	1	51.4	23,904	
		CH ₄	1	0.1	47	
		N ₂ O	1	0.03	14	
		Total emissions			23,965	
Fuel name	Usage	Primary/Secondary	Criteria	Quantity	ECF (GJ/unit)	Energy (GJ)
Liquefied natural gas	combustion	Secondary	A	18,381.616 kL	25.3	465,055

Source	Fuel combustion: Stationary and Transport energy purposes (excluding electricity generation) Emissions released from combustion of petroleum based oils or greases WA	Gas	Method	EF (kg CO ₂ -e/GJ)	Scope 1 (t CO ₂ -e)	
Activity		CO ₂	Other Method	3.5	1	
Location						
Fuel name	Usage	Primary/Secondary	Criteria	Quantity	ECF (GJ/unit)	Incidental Energy (GJ)
Petroleum based greases	combustion	Secondary	A	4.917 kL	38.8	191

Source	Fuel combustion: Stationary and Transport energy purposes (excluding electricity generation)	Gas	Method	EF (kg CO ₂ -e/GJ)	Scope 1 (t CO ₂ -e)	
Activity	Emissions released from combustion of gaseous fuels - Stationary energy purposes	CO ₂	1	51.4	0	
		CH ₄	1	0.1	0	
		N ₂ O	1	0.03	0	
Location	WA	Total emissions			0	
Fuel name	Usage	Primary/Secondary	Criteria	Quantity	ECF (GJ/unit)	Energy (GJ)



Gaseous fossil fuels other than those mentioned in items 17 to 26	combustion	Secondary	A	54 m3	0.0393	2
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4.1.3.2.2 Activity details – Energy

Source	Energy: Electricity production	
Activity	Electricity (thermal generation)	
Location	WA	
Usage	Quantity	ECF (GJ/unit) Energy (GJ)
For use onsite	43,371,302 kWh	0.0036 156,137

Source	Energy: Energy consumption				
Activity	Energy consumed (not combusted)				
Location	WA				
Fuel name	Usage	Criteria	Quantity	ECF (GJ/unit)	Energy (GJ)
Petroleum based oils (other than petroleum based oil used as fuel)	non-combustion	A	12 kL	38.8	466

Source	Energy: Energy consumption			
Activity	Energy consumed (not combusted)			
Location	WA			
Fuel name	Criteria	Quantity	ECF (GJ/unit)	Energy (GJ)
Electricity		156,137 GJ	1	156,137

Source	Energy: Energy consumption				
Activity	Energy consumed (not combusted)				
Location	WA				
Fuel name	Usage	Criteria	Quantity	ECF (GJ/unit)	Incidental Energy (GJ)
Diesel oil	non-combustion	A	8.603 kL	38.6	332

Source	Energy: Energy consumption					
Activity	Energy consumed (not combusted)					
Location	WA					
Fuel name	Usage	Criteria	Quantity		ECF (GJ/unit)	Incidental Energy (GJ)
Petroleum based oils (other than petroleum based oil used as fuel)	non-combustion	A	6.804	kL	38.8	264

4.1.3.3 Contractor Energy and Emissions

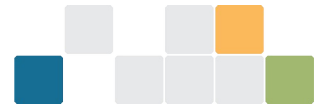
Name of contractor	Identifying details	Emissions (t CO ₂ -e)	Energy Produced (GJ)	Energy Consumed (GJ)
PIACENTINI & SON PTY LTD	ABN 18008797715	8,867	0	129,875
PACIFIC ENERGY PTY LTD	ABN 48081538258	0	156,137	0



5. Additional Information

5.1 Incidental Emission and Energy

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.



6. Supporting Documents

None



7. Privacy Statement

7.1 Protection of Information

The Clean Energy Regulator is bound by the secrecy provisions of Part 3 of the *Clean Energy Regulator Act 2011* (CER Act) in regard to information it collects in relation to this report and also by the *Privacy Act 1988* in regard to personal information it collects.

7.2 Privacy Notice

'Personal information' is defined in the Privacy Act 1988 to mean information or an opinion about an identified individual, or an individual who is reasonably identifiable:

- a) whether the information or opinion is true or not; and
- b) whether the information or opinion is recorded in a material form or not.

The collection of personal information relating to this report is authorised by the *National Greenhouse and Energy Reporting Act 2007* (NGER Act) and the National Greenhouse and Energy Reporting Regulations 2008.

Personal information collected in relation to this report will be used for the purposes of assessing the report content, auditing compliance, enforcement of relevant laws and regulations, the performance of our statutory functions and for related purposes. We will also use the personal information which you provide for our administrative purposes, for example, to pre-populate other Clean Energy Regulator forms which you wish to fill out online in the future, and for improving our service delivery to you. We cannot process the application if we do not collect relevant personal information.

The Clean Energy Regulator's Privacy Policy contains information about the agency's procedures for handling personal information including how a person can access their personal information held by the agency, and how to seek correction of such information. The Privacy Policy also contains information about how to complain about a breach of the Australian Privacy Principles. The Clean Energy Regulator's Privacy Policy can be found at www.cer.gov.au.

7.3 Disclosure of Information

The Clean Energy Regulator is only able to disclose information relating to this report (including personal information) in accordance with the CER Act, the NGER Act, the Privacy Act 1988 or as otherwise required by law.

The circumstances in which such information may be disclosed include:

- Disclosure to the Secretary or authorised officer of a department for the purpose of administering a program or collecting statistics relating to greenhouse gas emissions, energy consumption or energy production.
- Disclosure to certain agencies, bodies, or persons where the Regulator is satisfied that disclosure will enable or assist those agencies, bodies, or persons to perform or exercise their functions or powers, including the Australian Securities and Investments Commission, the Australian Competition and Consumer Commission and the Commissioner of Taxation.
- Disclosure for the purposes of law enforcement.
- Disclosure to States and Territories in accordance with the NGER Act; and
- Disclosure for the purposes of a climate change law or for the purposes of the performance of our functions under a climate change law.



8. Declaration

The Executive Officer (or equivalent), as described in the *National Greenhouse and Energy Reporting Act 2007* (NGER Act), should read the following declaration below before electronically submitting the emissions and energy report.

It is the responsibility of the reporting entity to ensure that the information provided in the emissions and energy report is prepared in accordance with the requirements set out in the NGER Act and the National Greenhouse and Energy Reporting Regulations 2008 (NGER Regulations) and that the data it contains is based on methods prescribed in the National Greenhouse and Energy Reporting (Measurement) Determination 2008 (NGER Measurement Determination).

Under the NGER Act and the NGER Regulations, the reporting entity remains responsible for the truth and accuracy of the contents of the emissions and energy report despite the assistance, if any, of a third party in its preparation.

Section 19 of the NGER Act includes a civil penalty provision, a breach of which may attract a pecuniary penalty of up to 2,000 penalty units.

In accordance with section 22 of the NGER Act, a reporting entity is required to keep records of the activities of the members of its group that, inter alia, allow it to report accurately and enable the Clean Energy Regulator to ascertain whether it has complied with its obligations under the NGER Act. Records must be retained for a period of 5 years from the end of the year in which the activities took place. Section 22 includes a civil penalty provision, a breach of which may attract a pecuniary penalty of up to 1,000 penalty units.

By electronically submitting, the signatory declares that:

- they have read and understood the penalties that apply for breaching the NGER Act;
- the information provided in this emissions and energy report (including any attachments) is true and correct, and that they understand that the provision of false or misleading information is a serious offence under the *Criminal Code 1995* and may have consequences under the NGER Act;
- the information provided in this emissions and energy report has been prepared and supplied in accordance with the requirements set out in the NGER Act, the NGER Regulations and the NGER Measurement Determination;
- they are duly authorised to act, including submitting this emissions and energy report, on behalf of the reporting entity;
- they acknowledge the Clean Energy Regulator is required to publish the information provided in this emissions and energy report, including any market-based scope 2 emissions reported under section 7.4 of the Measurement Determination;
- they consent to the publication of the total market-based scope 2 emissions reported for the corporate group;
- they consent to the publication of contextual information relating to market-based scope 2 emissions such as the proportion of facilities which reported under the market-based method for the corporate group;
- the Clean Energy Regulator may compel or conduct an audit of the information contained in this emissions and energy report or in relation to compliance with the NGER Act, the NGER Regulations and the NGER Measurement Determination;
- the Clean Energy Regulator may request further clarification or documentation to verify the information supplied in this emissions and energy report; and
- the entity providing the emissions and energy report and each group member (if any) listed in the report is a body corporate.