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Australian Government
Clean Energy Regulator

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NATIONAL GREENHOUSE AND ENERGY REPORTING SECTION 19 - EMISSIONS AND ENERGY REPORT METRO TRAINS SYDNEY PTY LTD FOR THE REPORTING YEAR 2022 – 2023

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.

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 2023.

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

CONTROLLING CORPORATION DETAILS

Name	METRO TRAINS SYDNEY PTY LTD
Australian Business Number (ABN)	54600820737
Australian Company Number (ACN)	600820737
Australian Registered Body Number (ARBN)	-
Trading Name	-
Head office postal address:	
Postal address line 1	47 Tallawong Road
Postal address line 2	-
Postal address line 3	-
Postal city/suburb	ROUSE HILL
Postal state	New South Wales
Postal postcode	2155
Postal country	AUSTRALIA
Head office street address:	
Street address line 1	47 Tallawong Road
Street address line 2	-
Street address line 3	-
Street city/suburb	ROUSE HILL
Street state	New South Wales
Street postcode	2155
Street country	AUSTRALIA

EXECUTIVE OFFICER (OR EQUIVALENT) DETAILS

Name	Daniel Williams
Position	Chief Executive Officer
Phone	0431152149
Mobile	-
Fax	-
Email	daniel.williams@metrotrains-sydney.com.au
Postal address line 1	47 Tallawong Road
Postal address line 2	-
Postal address line 3	-
Postal city/suburb	TALLAWONG
Postal state	
Postal postcode	2762
Postal country	AUSTRALIA

CONTACT PERSON DETAILS

Name	David Wilson
Position	Environment & Sustainability Advisor - M
Phone	0448113709
Mobile	-
Fax	Metro Trains Sydney
Email	david.wilson@metrotrains-sydney.com.au
Postal address line 1	47 Tallawong Road
Postal address line 2	-
Postal address line 3	-
Postal city/suburb	ROUSE HILL
Postal state	
Postal postcode	2155
Postal country	AUSTRALIA

METRO TRAINS SYDNEY PTY LTD EMISSION AND ENERGY REPORT SUMMARY

The table below reports total scope 1 and scope 2 greenhouse gas emissions, energy produced and energy consumed by the corporate group METRO TRAINS SYDNEY PTY LTD for the 2022 - 2023 reporting period.

GREENHOUSE GAS EMISSIONS (t CO2-e)		
Scope 1	**Scope 2**	**Total of Scope 1 and Scope 2**
5,625	61,422	67,047

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)		
Energy Consumed Total	**Energy Consumed Net**	**Energy Produced**
383,482	383,079	403

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)						
Carbon Dioxide CO2	**Methane CH4**	**Nitrous Oxide N2O**	**Perfluorocarbons PFCs**	**Hydro Fluoro Carbons HFCs**	**Sulphur Hexafluoride SF6**	**Total**
5,585	8	32	-	-	-	5,625

METRO TRAINS SYDNEY PTY LTD EMISSION AND ENERGY REPORT DETAIL

Corporate Structure

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

No.	Entity Details	Scope 1 Emissions (t CO2-e)	Scope 2 Emissions (t CO2-e)	Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
1	Sydney Metro Train Facility **Type:** Facility	5,625	61,422	383,482	383,079	403

1: SYDNEY METRO TRAIN FACILITY - FACILITY

Name	Sydney Metro Train Facility
Facility Street Address	47 Tallawong Road ROUSE HILL New South Wales 2155 AUSTRALIA
Geographic Coordinates	Latitude 33.692S / Longitude 150.899E
Facility location	-
Activity location	New South Wales
Location description	Admin building, Depot, OCC
Activity description	Head office, control centre and maintenance depot
ANZSIC Code	472 - Rail passenger transport
Operational Control	METRO TRAINS SYDNEY PTY LTD
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2022 - 30/06/2023
Grid Connected Electricity Generator	No

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of METRO TRAINS SYDNEY PTY LTD.

GREENHOUSE GAS EMISSIONS (t CO2-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
5,625	61,422	67,047

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
383,482	383,079	403

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)

Carbon Dioxide CO2	Methane CH4	Nitrous Oxide N2O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF6	Total
5,585	8	32	-	-	-	5,625

SCOPE 1 EMISSIONS

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source Activity	Fuel / Criterion	Quantity	Energy Values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	**Fuel / Energy commodity:** Gasoline (other than for use as fuel in an aircraft) **Fuel usage:** combustion **Criterion:** A	2.5 kL	**EC (GJ/Unit):** 34.2 **Z (GJ):** 86	**Gas:** CO2 **EF (kg CO2-e / GJ):** 67.4 **Method:** Method 1	6
				Gas: CH4 **EF (kg CO2-e / GJ):** 0.2 **Method:** Method 1	0
				Gas: N2O **EF (kg CO2-e / GJ):** 0.2 **Method:** Method 1	0

Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	**Fuel / Energy commodity:** Diesel oil - Transport **Fuel usage:** combustion **Criterion:** A	36.5 kL	**EC (GJ/Unit):** 38.6 **Z (GJ):** 1,409	**Gas:** CO2 **EF (kg CO2-e / GJ):** 69.9 **Method:** Method 1	98
				Gas: CH4 **EF (kg CO2-e / GJ):** 0.1 **Method:** Method 1	0
				Gas: N2O **EF (kg CO2-e / GJ):** 0.4 **Method:** Method 1	1
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	**Fuel / Energy commodity:** Diesel oil - Transport **Fuel usage:** combustion **Criterion:** A	1,984 kL	**EC (GJ/Unit):** 38.6 **Z (GJ):** 76,582	**Gas:** CO2 **EF (kg CO2-e / GJ):** 69.9 **Method:** Method 1	5,353
				Gas: CH4 **EF (kg CO2-e / GJ):** 0.1 **Method:** Method 1	8
				Gas: N2O **EF (kg CO2-e / GJ):** 0.4 **Method:** Method 1	31
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	**Fuel / Energy commodity:** Diesel oil - Transport **Fuel usage:** combustion **Criterion:** A	19 kL	**EC (GJ/Unit):** 38.6 **Z (GJ):** 733	**Gas:** CO2 **EF (kg CO2-e / GJ):** 69.9 **Method:** Method 1	51
					0

				Gas: CH4 **EF (kg CO2-e / GJ):** 0.1 **Method:** Method 1	
					0
				Gas: N2O **EF (kg CO2-e / GJ):** 0.4 **Method:** Method 1	
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	**Fuel / Energy commodity:** Gasoline (other than for use as fuel in an aircraft) - Transport **Fuel usage:** combustion **Criterion:** A	2.5 kL	**EC (GJ/Unit):** 34.2 **Z (GJ):** 86	**Gas:** CO2 **EF (kg CO2-e / GJ):** 67.4 **Method:** Method 1	6
				Gas: CH4 **EF (kg CO2-e / GJ):** 0.6 **Method:** Method 1	0
				Gas: N2O **EF (kg CO2-e / GJ):** 1.6 **Method:** Method 1	0
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	**Fuel / Energy commodity:** Diesel oil - Transport **Fuel usage:** combustion **Criterion:** A	2.04 kL	**EC (GJ/Unit):** 38.6 **Z (GJ):** 79	**Gas:** CO2 **EF (kg CO2-e / GJ):** 69.9 **Method:** Method 1	6
				Gas: CH4 **EF (kg CO2-e / GJ):** 0.1 **Method:** Method 1	0
				Gas: N2O	0

				EF (kg CO2-e / GJ): 0.4 **Method:** Method 1	
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	**Fuel / Energy commodity:** Liquefied petroleum gas - Transport post-2004 **Fuel usage:** combustion **Criterion:** A	0.03 kL	**EC (GJ/Unit):** 26.2 **Z (GJ):** 1	**Gas:** CO2 **EF (kg CO2-e / GJ):** 60.2 **Method:** Method 1	0
				Gas: CH4 **EF (kg CO2-e / GJ):** 0.5 **Method:** Method 2	0
				Gas: N2O **EF (kg CO2-e / GJ):** 0.3 **Method:** Method 2	0
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	**Fuel / Energy commodity:** Gasoline (other than for use as fuel in an aircraft) - Transport **Fuel usage:** combustion **Criterion:** A	2.4 kL	**EC (GJ/Unit):** 34.2 **Z (GJ):** 82	**Gas:** CO2 **EF (kg CO2-e / GJ):** 67.4 **Method:** Method 1	6
				Gas: CH4 **EF (kg CO2-e / GJ):** 0.6 **Method:** Method 1	0
				Gas: N2O **EF (kg CO2-e / GJ):** 1.6 **Method:** Method 1	0
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes	**Fuel / Energy commodity:** Gasoline (other than for use as fuel in an aircraft) - Transport	2.3 kL	**EC (GJ/Unit):** 34.2	**Gas:** CO2 **EF (kg CO2-e /**	5

(excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	**Fuel usage:** combustion **Criterion:** A		**Z (GJ):** 79	**GJ):** 67.4 **Method:** Method 1	
				Gas: CH4 **EF (kg CO2-e / GJ):** 0.6 **Method:** Method 2	0
				Gas: N2O **EF (kg CO2-e / GJ):** 1.6 **Method:** Method 2	0
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	**Fuel / Energy commodity:** Gasoline (other than for use as fuel in an aircraft) - Transport **Fuel usage:** combustion **Criterion:** A	2.5 kL	**EC (GJ/Unit):** 34.2 **Z (GJ):** 86	**Gas:** CO2 **EF (kg CO2-e / GJ):** 67.4 **Method:** Method 1	6
				Gas: CH4 **EF (kg CO2-e / GJ):** 0.6 **Method:** Method 1	0
				Gas: N2O **EF (kg CO2-e / GJ):** 1.6 **Method:** Method 1	0
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	**Fuel / Energy commodity:** Diesel oil - Transport post-2004 **Fuel usage:** combustion **Criterion:** A	6 kL	**EC (GJ/Unit):** 38.6 **Z (GJ):** 232	**Gas:** CO2 **EF (kg CO2-e / GJ):** 69.9 **Method:** Method 1	16
				Gas: CH4 **EF (kg CO2-e / GJ):** 0.01	0

				Method: Method 2	
				Gas: N2O **EF (kg CO2-e / GJ):** 0.5 **Method:** Method 2	0
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	**Fuel / Energy commodity:** Diesel oil - Transport **Fuel usage:** combustion **Criterion:** A	2 kL	**EC (GJ/Unit):** 38.6 **Z (GJ):** 77	**Gas:** CO2 **EF (kg CO2-e / GJ):** 69.9 **Method:** Method 1	5
				Gas: CH4 **EF (kg CO2-e / GJ):** 0.1 **Method:** Method 1	0
				Gas: N2O **EF (kg CO2-e / GJ):** 0.4 **Method:** Method 1	0
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	**Fuel / Energy commodity:** Gasoline (other than for use as fuel in an aircraft) - Transport **Fuel usage:** combustion **Criterion:** A	2 kL	**EC (GJ/Unit):** 34.2 **Z (GJ):** 68	**Gas:** CO2 **EF (kg CO2-e / GJ):** 67.4 **Method:** Method 1	5
				Gas: CH4 **EF (kg CO2-e / GJ):** 0.6 **Method:** Method 1	0
				Gas: N2O **EF (kg CO2-e / GJ):** 1.6 **Method:** Method 1	0

Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	**Fuel / Energy commodity:** Diesel oil - Transport **Fuel usage:** combustion **Criterion:** A	2 kL	**EC (GJ/Unit):** 38.6 **Z (GJ):** 77	**Gas:** CO2 **EF (kg CO2-e / GJ):** 69.9 **Method:** Method 1	5
				Gas: CH4 **EF (kg CO2-e / GJ):** 0.1 **Method:** Method 1	0
				Gas: N2O **EF (kg CO2-e / GJ):** 0.4 **Method:** Method 1	0
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	**Fuel / Energy commodity:** Diesel oil - Transport **Fuel usage:** combustion **Criterion:** A	6 kL	**EC (GJ/Unit):** 38.6 **Z (GJ):** 232	**Gas:** CO2 **EF (kg CO2-e / GJ):** 69.9 **Method:** Method 1	16
				Gas: CH4 **EF (kg CO2-e / GJ):** 0.1 **Method:** Method 1	0
				Gas: N2O **EF (kg CO2-e / GJ):** 0.4 **Method:** Method 1	0
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of petroleum based oils or greases	**Fuel / Energy commodity:** Petroleum based greases **Fuel usage:** combustion **Criterion:** A	4.2 kL	**EC (GJ/Unit):** 38.8 **Z (GJ):** 163	**Gas:** CO2 **EF (kg CO2-e / GJ):** 3.5 **Method:** Method 1	1
Source category: Fuel combustion	**Fuel / Energy commodity:** Petroleum based greases	0.312 kL	**EC (GJ/Unit):**	**Gas:** CO2	0

Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of petroleum based oils or greases	**Fuel usage:** combustion **Criterion:** A		38.8 **Z (GJ):** 12	**EF (kg CO2-e / GJ):** 3.5 **Method:** Method 1	
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of petroleum based oils or greases	**Fuel / Energy commodity:** Petroleum based oils (other than petroleum based oil used as fuel) **Fuel usage:** combustion **Criterion:** A	0.12 kL	**EC (GJ/Unit):** 38.8 **Z (GJ):** 5	**Gas:** CO2 **EF (kg CO2-e / GJ):** 13.9 **Method:** Method 1	0
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of petroleum based oils or greases	**Fuel / Energy commodity:** Petroleum based oils (other than petroleum based oil used as fuel) **Fuel usage:** combustion **Criterion:** A	0.1 kL	**EC (GJ/Unit):** 38.8 **Z (GJ):** 4	**Gas:** CO2 **EF (kg CO2-e / GJ):** 13.9 **Method:** Method 1	0
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of petroleum based oils or greases	**Fuel / Energy commodity:** Petroleum based greases **Fuel usage:** combustion **Criterion:** A	2.2 kL	**EC (GJ/Unit):** 38.8 **Z (GJ):** 85	**Gas:** CO2 **EF (kg CO2-e / GJ):** 3.5 **Method:** Method 1	0
Source category: Fuel combustion **Source of emissions:** Stationary and Transport energy purposes (excluding electricity generation) **Activity type:** Emissions released from combustion of petroleum based oils or greases	**Fuel / Energy commodity:** Petroleum based oils (other than petroleum based oil used as fuel) **Fuel usage:** combustion **Criterion:** A	0.01 kL	**EC (GJ/Unit):** 38.8 **Z (GJ):** -	**Gas:** CO2 **EF (kg CO2-e / GJ):** 13.9 **Method:** Method 1	0
		Source Total	80,178		5,625
		Total	80,178		5,625

SCOPE 2 EMISSIONS

Activity Type	Quantity	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase and loss of electricity from main electricity grid in a State or Territory	84,139,273	kWh	0.73	61,422
			Total	61,422

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub-criterion	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	-	36.5	kL	38.6	1,409
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	-	1,984	kL	38.6	76,582
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	-	19	kL	38.6	733
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	-	2.5	kL	34.2	86
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	-	2.04	kL	38.6	79
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Liquefied petroleum gas - Transport post-2004	combustion	A	-	0.03	kL	26.2	1
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	-	2.4	kL	34.2	82
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	-	2.3	kL	34.2	79
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	-	2.5	kL	34.2	86
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport post-2004	combustion	A	-	6	kL	38.6	232
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	-	2	kL	38.6	77
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	-	2	kL	34.2	68
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	-	2	kL	38.6	77
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	-	6	kL	38.6	232
							Total	79,823

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub-criterion	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Gasoline (other than for use as fuel in an aircraft)	combustion	A	-	2.5	kL	34.2	86
Emissions released from combustion of petroleum based oils or greases	Petroleum based greases	combustion	A	-	4.2	kL	38.8	163
Emissions released from combustion of petroleum based oils or greases	Petroleum based greases	combustion	A	-	0.312	kL	38.8	12
Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel)	combustion	A	-	0.12	kL	38.8	5
Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel)	combustion	A	-	0.1	kL	38.8	4
Emissions released from combustion of petroleum based oils or greases	Petroleum based greases	combustion	A	-	2.2	kL	38.8	85
Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel)	combustion	A	-	0.01	kL	38.8	0
							Total	355

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub-criterion	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	84,139,273	kWh	0.0036	302,901
Energy commodities	Solar energy for electricity generation	non-combustion	-	-	403	GJ	1	403
							Total	303,304

ELECTRICITY PRODUCED

Activity Type	Usage	Amount	Units	Energy Content Factor (GJ/Unit)	Converted Energy Content Amount (GJ)
Electricity (solar generation)	For use offsite on a network	112,000	kWh	0.0036	403
				Total	403

CORPORATE GROUP THRESHOLD MET

The corporate group of METRO TRAINS SYDNEY PTY LTD 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).

PRIVACY STATEMENT

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.

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.cleanenergyregulator.gov.au.

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.

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. The *Crimes Act 1914* provides that one penalty unit is $222.

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;
- 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.