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ABN/ACN/ARBN/Trading Name: 15211513464

Version No:

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### NATIONAL GREENHOUSE AND ENERGY REPORTING SECTION 19 - EMISSIONS AND ENERGY REPORT UNIVERSITY OF SYDNEY FOR THE REPORTING YEAR 2019 – 2020

### 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 2020.

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	UNIVERSITY OF SYDNEY
Australian Business Number (ABN)	15211513464
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-
Head office postal address:	
Postal address line 1	Campus Infrastructure Services
Postal address line 2	Building G12
Postal address line 3	-
Postal city/suburb	THE UNIVERSITY OF SYDNEY
Postal state	New South Wales
Postal postcode	2006
Postal country	AUSTRALIA
Head office street address:	
Street address line 1	Campus Infrastructure Services
Street address line 2	Services Building G12
Street address line 3	-
Street city/suburb	THE UNIVERSITY OF SYDNEY
Street state	New South Wales
Street postcode	2006
Street country	AUSTRALIA

### EXECUTIVE OFFICER (OR EQUIVALENT) DETAILS

Name	Michael Spence
Position	CEO
Phone	0293515051
Mobile	-
Fax	02 9351 4596
Email	vice-chancellor@vcc.usyd.edu.au
Postal address line 1	The Quadrangle A14
Postal address line 2	Services Building G12
Postal address line 3	-
Postal city/suburb	The University of Sydney
Postal state	New South Wales
Postal postcode	2006
Postal country	AUSTRALIA

#### **CONTACT PERSON DETAILS**

Name	Tracey Ho	
Position		
Phone	0468 339778	
Mobile	-	
Fax	-	
Email	tracey.ho@sydney.edu.au	
Postal address line 1	The University of Sydney	
Postal address line 2	Services Building	
Postal address line 3	22 Codrington Street	
Postal city/suburb	Darlington	
Postal state		
Postal postcode	2008	
Postal country	AUSTRALIA	

#### UNIVERSITY OF SYDNEY 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 UNIVERSITY OF SYDNEY for the 2019 - 2020 reporting period.

GREENHOUSE GAS EMISSIONS (t CO2-e)				
Scope 1 Scope 2 Total of Scope 1 and Scope 2				
6,785	92,252	99,037		

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)				
Energy Consumed Total Energy Consumed Net Energy Produced				
545,752	541,943	3,809		

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)						
Carbon Dioxide CH4 Nitrous Oxide Perfluorocarbons Hydro Fluoro Carbons Sulphur Hexafluoride FCS HFCs SF6						
6,767	12	6	-	-	-	6,785

#### UNIVERSITY OF SYDNEY 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			Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
1	Arthursleigh Farm <b>Type:</b> Facility	43	0	624	624	0
2	Biomedical Building - Australian Technology Park <b>Type:</b> Facility	3	676	3,042	3,042	0
3	Broken Hill - University Department of Rural Health <b>Type:</b> Facility	26	124	944	944	0
4	Burren St Campus <b>Type:</b> Facility	3	110	548	548	0
5	Camden Campus Type: Facility	110	5,955	28,278	28,278	0
6	Camperdown Campus <b>Type:</b> Facility	3,610	47,804	285,511	283,422	2,089
7	CBD Campus <b>Type:</b> Facility	1	218	978	978	0
8	Conservatorium of Music <b>Type:</b> Facility	90	1,977	10,529	10,529	0
9	Cumberland Campus <b>Type:</b> Facility	354	4,413	26,478	26,478	0
10	Darlington Campus <b>Type:</b> Facility	1,679	22,628	136,357	134,683	1,674
11	Dubbo Campus <b>Type:</b> Facility	67	104	1,774	1,774	0
12	Mallett St Campus <b>Type:</b> Facility	376	5,621	32,374	32,328	46
13	Middle Point - Research Station <b>Type:</b> Facility	0	43	251	251	0
14	Molonglo Observatory <b>Type:</b> Facility	0	269	1,195	1,195	0
15	Narrabri <b>Type:</b> Facility	196	1,122	7,771	7,771	0
16	Nepean <b>Type:</b> Facility	7	565	2,643	2,643	0
17	Nowley - Spring Ridge <b>Type:</b> Facility	114	22	1,720	1,720	0
18	Orange Campus <b>Type:</b> Facility	0	68	310	310	0
19	Pearl Beach - Field Site  Type: Facility	0	5	24	24	0
20	Rozelle Campus	106	528	4,401	4,401	0

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10/21/2020 Type: Facility

#### 1: ARTHURSLEIGH FARM - FACILITY

Name	Arthursleigh Farm
Facility Street Address	Arthursleigh Farm MARULAN New South Wales 2579 AUSTRALIA
Geographic Coordinates	Latitude 34.581S / Longitude 150.045E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)				
Scope 1 Scope 2 Total of Scope 1 and Scope 2				
43	-	43		

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)				
Energy Consumed Total Energy Consumed Net Energy Produced				
624	624	-		

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)						
Carbon Dioxide CO2 Methane Nitrous Oxide Perfluorocarbons Hydro Fluoro Carbons Sulphur Hexafluoride HFCs SF6						Total
43	-	-	-	-	-	43

Source Activity	Fuel / Criterion	Quantity	Energy Values (EC & Z)	Gas / Method	Scope 1 Emission (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 gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline Fuel usage: combustion Criterion: A	0 GJ	EC (GJ/Unit): 1 Z (GJ): -	Gas: - EF (kg CO2-e / GJ): - Method:	-
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: Diesel oil Fuel usage: combustion Criterion:	3.12 kL	EC (GJ/Unit): 38.6 Z (GJ): 120	Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method: Method	8
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method:	0

0/21/2020	https://eers.cleanenergyregulato	r.gov.au/ReportDetail/Vi	ewSubmiss	ion/18277/20/	True	
					Method 1  Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
generation) Activity type:	ergy purposes (excluding electricity mbustion of liquid fuels other than ransport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criterion:	13.056 kL	EC (GJ/Unit): 38.6 Z (GJ): 504	Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method	0
					Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method: Method	35
					Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method	0
		Sou	rce Total	624		43
			Total	624		43

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	0		-	0					
	0								

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT									
Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units		Energy Content (GJ)	
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	-	13.056		38.6	504	
							Total	504	

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units		Energy Content (GJ)
Emissions released from combustion of gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	0	GJ		0
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Diesel oil	combustion	A	-	3.12	kL	38.6	120
	-			-			Total	120

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION										
Activity Type	Fuel / Energy Commodity	Fuel Usage	Critorion	Sub- criterion	Amount	Units	Factor	Energy Content (GJ)		
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	О	-	1	0		
							Total	-		

#### 2: BIOMEDICAL BUILDING - AUSTRALIAN TECHNOLOGY PARK - FACILITY

Name	Biomedical Building - Australian Technology Park
Facility Street Address	1 Central Avenue EVELEIGH New South Wales 2015 AUSTRALIA
Geographic Coordinates	Latitude 33.896S / Longitude 151.195E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)								
Scope 1	Total of Scope 1 and Scope 2							
3	676	679						

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)							
Energy Consumed Total	Energy Consumed Net	Energy Produced					
3,042	3,042	-					

GREENHOUS	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					
3	-	-	-	-	-	3					

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 - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport post- 2004 Fuel usage: combustion Criterion: A	0.984 kL	EC (GJ/Unit): 38.6 Z (GJ): 38	Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method: Method	3
				Gas: CH4 EF (kg CO2-e / GJ): 0.01 Method: Method 2	0
				Gas: N2O EF (kg CO2-e / GJ): 0.6 Method:	0

				Method 2	
	38		3		
	38		3		

SCOPE 2 EMISSIONS							
Activity Type	Quantity	Units		Scope 2 Emissions (t CO2-e)			
Purchase and loss of electricity from main electricity grid in a State or Territory	834,444	kWh	0.81	676			
	676						

ENERGY CONSUMED BY MEANS	OF COMBU	STION F	OR TRA	NSPO	RT			
Activity Type		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 post-2004	combustion	A	-	0.984			38
	-			-			Total	38

<b>ENERGY CONSUMED BY MEANS</b>	OTHER TH	AN C	OMBUS	TION				
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	-	-	-	-	834,444	kWh	0.0036	3,004
							Tota	3,004

### 3: BROKEN HILL - UNIVERSITY DEPARTMENT OF RURAL HEALTH - FACILITY

Name	Broken Hill - University Department of Rural Health
Facility Street Address	Broken Hill BROKEN HILL New South Wales 2880 AUSTRALIA
Geographic Coordinates	Latitude 31.946S / Longitude 141.454E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)						
Scope 1	Scope 2 Total of Scope 1 and Scope 2					
26	124	150				

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)						
Energy Consumed Total	Energy Consumed Net	Energy Produced				
944	944	-				

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			
26	-	-	-	-	-	26			

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: Liquefied petroleum gas Fuel usage: combustion Criterion: A	5.988 kL	EC (GJ/Unit): 25.7 Z (GJ): 154	Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method	0
				Gas: CO2 EF (kg CO2-e / GJ): 60.2 Method: Method	9
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method:	0

				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 post-2004 Fuel usage: combustion Criterion: A	5.958 kL	EC (GJ/Unit): 34.2 Z (GJ): 204	Gas: CO2 EF (kg CO2-e / GJ): 67.4 Method: Method	14
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 2	0
				Gas: CH4 EF (kg CO2-e / GJ): 0.02 Method: Method 2	0
el combustion burce of emissions: ationary and Transport energy purposes acluding electricity generation) ativity type: nissions released from combustion of liquid als other than petroleum oils or greases - ansport energy purposes	Fuel / Energy commodity: Diesel oil - Transport post-2004 Fuel usage: combustion Criterion: A	0.948 kL	EC (GJ/Unit): 38.6 Z (GJ): 37	Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method: Method	3
				Gas: N2O EF (kg CO2-e / GJ): 0.6 Method: Method 2	0
				Gas: CH4 EF (kg CO2-e / GJ): 0.01 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: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: combustion Criterion: A	0.006 kL	EC (GJ/Unit): 23.4 Z (GJ):	Gas: CO2 EF (kg CO2-e / GJ): 0 Method: Method	0

		Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 2 Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method:	0
Source Total	395		26
Total	395		26

SCOPE 2 EMISSIONS						
Activity Type	Quantity	Units	, ,	Scope 2 Emissions (t CO2-e)		
Purchase and loss of electricity from main electricity grid in a State or Territory	152,472	kWh	0.81	124		
	Total 1					

	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	Factor	Energy Conten (GJ)
	Gasoline (other than for use as fuel in an aircraft) - Transport post-2004	combustion	A	-	5.958	kL	34.2	204
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport post- 2004	combustion	A	-	0.948	kL	38.6	37
combustion of liquid fuels other than petroleum oils or greases -	Ethanol for use as a fuel in an internal combustion engine - Transport post-2004	combustion	A	-	0.006	kL	23.4	0

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	Liquefied petroleum gas	combustion	A	-	5.988		25.7	154
		-					Total	154

<b>ENERGY CONSUMED BY MEANS</b>	OTHER TH	IAN C	OMBUS	TION				
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	-	-	-	-	152,472	kWh	0.0036	549
	•	-	•	•	•	•	Total	1549

#### 4: BURREN ST CAMPUS - FACILITY

Name	Burren St Campus
Facility Street Address	Burren St NEWTOWN New South Wales 2042 AUSTRALIA
Geographic Coordinates	Latitude 33.895S / Longitude 151.184E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)					
Scope 1	Scope 2	Total of Scope 1 and Scope 2			
3	110	113			

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)						
Energy Consumed Total Energy Consumed Net Energy Produced						
548	548	-				

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)							
Carbon Dioxide CH4 Nitrous Oxide Perfluorocarbons Hydro Fluoro Carbons Sulphur Hexafluoride FCs HFCs SF6					Total		
3	-	-	-	-	-	3	

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 gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline Fuel usage: combustion Criterion: A	60.927 GJ	EC (GJ/Unit): 1 Z (GJ): 61	Gas: CO2 EF (kg CO2-e / GJ): 51.4 Method: Method 1	3
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.03 Method: Method 1	0

Source Total			61	3
		Total	61	3

SCOPE 2 EMISSIONS				
Activity Type	Quantity	Units	, ,	Scope 2 Emissions (t CO2-e)
Purchase and loss of electricity from main electricity grid in a State or Territory	135,314	kWh	0.81	110
			Total	110

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 gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	60.927	GJ		61
							Total	61

<b>ENERGY CONSUMED BY MEANS</b>	OTHER TH	AN C	OMBUS	TION				
Activity Type	Fuel / Energy Commodity	Fuel Usage	(:ritarian	Sub- criterion	Amount	Units		Energy Content (GJ)
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	135,314	kWh	0.0036	487
	•	•	•	•	•	•	Total	487

### 5: CAMDEN CAMPUS - FACILITY

Name	Camden Campus
Facility Street Address	Camden-Cobbitty Werombi Road BROWNLOW HILL New South Wales 2570 AUSTRALIA
Geographic Coordinates	Latitude 34.032S / Longitude 150.657E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)						
Scope 1	Scope 2	Total of Scope 1 and Scope 2				
110	5,955	6,065				

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)					
Energy Consumed Total Energy Consumed Net Energy Produced					
28,278	28,278	-			

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)								
Carbon Dioxide CO2 Methane CH4 Nitrous Oxide Perfluorocarbons Hydro Fluoro Carbons Sulphur Hexafluoride SF6								
110	-	-	-	-	-	110		

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 gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline Fuel usage: combustion Criterion: A	859.896 GJ	EC (GJ/Unit): 1 Z (GJ): 860	Gas: CO2 EF (kg CO2-e / GJ): 51.4 Method: Method 1	0
				CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	
				Gas: N2O EF (kg CO2-e / GJ): 0.03	0

	anenergyregulator.gov.au/ReportDetail/\			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 - Stationary energy purposes	Fuel / Energy commodity: Diesel oil Fuel usage: combustion Criterion: A	0 kL	EC (GJ/Unit): 38.6 Z (GJ):	Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method	0
				Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method: Method	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 post-2004 Fuel usage: combustion Criterion: A	4.236 kL	EC (GJ/Unit): 34.2 Z (GJ): 145	Gas: CO2 EF (kg CO2-e / GJ): 67.4 Method: Method	10
				Gas: CH4 EF (kg CO2-e / GJ): 0.02 Method: Method	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 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: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: combustion Criterion: A	0.36 kL	EC (GJ/Unit): 23.4 Z (GJ): 8	Gas: CO2 EF (kg CO2-e / GJ): 0 Method: Method	0

0/21/2020 https://eers.cle	eanenergyregulator.gov.au/ReportDetail/V	iewSubmiss	ion/18277/20/	True	
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method	0
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 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	20.64 kL	EC (GJ/Unit): 38.6 Z (GJ): 797	Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method	0
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method	0
				Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method: Method	56
	So	urce Total	1,810		110
		Total	1,810		110

SCOPE 2 EMISSIONS				
Activity Type	Quantity	Units	, ,	Scope 2 Emissions (t CO2-e)
Purchase and loss of electricity from main electricity grid in a State or Territory	7,352,255	kWh	0.81	5,955
	5,955			

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	Factor	Energy Conten (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Fransport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport post-2004	combustion	A	-	4.236	kL	34.2	145
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Fransport energy purposes	Ethanol for use as a fuel in an internal combustion engine - Transport post-2004	combustion	A	-	0.36	kL	23.4	8
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Fransport energy purposes	Diesel oil - Transport	combustion	A	-	20.64	kL	38.6	797

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units		Energy Content (GJ)
Emissions released from combustion of gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	859.896		1	860
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Diesel oil	combustion	A	-	0	kL	38.6	0
							Total	860

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION								
Activity Type	Fuel / Energy Commodity	Fuel Usage	(:ritarian	Sub- criterion	Amount	Units		Energy Content (GJ)
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	7,352,255	kWh	0.0036	26,468
							Total	26,468

#### 6: CAMPERDOWN CAMPUS - FACILITY

Name	Camperdown Campus
Facility Street Address	Campus Infrastructure Services Services Building G12 THE UNIVERSITY OF SYDNEY New South Wales 2006 AUSTRALIA
Geographic Coordinates	Latitude 33.892S / Longitude 151.192E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)							
Scope 1	Scope 2 Total of Scope 1 and Scope 2						
3,610	47,804 51,414						

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)						
Energy Consumed Total	Energy Consumed Net	Energy Produced				
285,511	283,422	2,089				

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)								
Carbon Dioxide CH4 Nitrous Oxide Perfluorocarbons Hydro Fluoro Carbons Sulph PFCs HFCs SF6					Sulphur Hexafluoride SF6	Total		
3,600	7	3	-	-	-	3,610		

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 gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline Fuel usage: combustion Criterion: A	65,208.855 GJ	EC (GJ/Unit): 1 Z (GJ): 65,209	Gas: CO2 EF (kg CO2-e / GJ): 51.4 Method: Method 1	3,352
				N2O EF (kg CO2-e / GJ): 0.03 Method: Method	2
				Gas: CH4 EF (kg CO2-e / GJ):	7

				0.1 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 post-2004 Fuel usage: combustion Criterion: A	45.965 kL	EC (GJ/Unit): 34.2 Z (GJ): 1,572	Gas: CO2 EF (kg CO2-e / GJ): 67.4 Method: Method	106
		Gas: CH4 EF (kg CO2-e / GJ): 0.02 Method: Method	0		
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method	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	52.632 kL	EC (GJ/Unit): 38.6 <b>Z (GJ)</b> : 2,032	Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method: Method	142
			Gas: N2O EF (kg CO2-e / GJ): 0.6 Method: Method	1	
				Gas: CH4 EF (kg CO2-e / GJ): 0.01 Method: Method	0
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid	Fuel / Energy commodity: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: combustion Criterion: A	2.527 kL	EC (GJ/Unit): 23.4 Z (GJ): 59	Gas: CO2 EF (kg CO2-e / GJ): 0 Method:	0

fuels other than petroleum oils or greases - Transport energy purposes			Method 1	
			Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 2	0
			Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 2	0
	Source Total	68,872		3,610
	Total	68,872		3,610

SCOPE 2 EMISSIONS				
Activity Type	Quantity	Units	, ,	Scope 2 Emissions (t CO2-e)
Purchase and loss of electricity from main electricity grid in a State or Territory	59,017,054	kWh	0.81	47,804
	•	•	Total	47,804

Activity Type	Fuel / Energy Commodity	Fuel Usage		Sub- criterion	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Conten (GJ)
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 post-2004	combustion	A	-	45.965			1,572
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport post- 2004	combustion	A	-	52.632	kL	38.6	2,032
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Ethanol for use as a fuel in an internal combustion engine - Transport post-2004	combustion	A	-	2.527	kL	23.4	59

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 gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	65,208.855			65,209
							Total	65,209

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units		Energy Content (GJ)
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	59,017,054			212,461
Energy consumed (not combusted)	Electricity	non- combustion	-	-	2,089	GJ	1	2,089
Energy commodities	Solar energy for electricity generation	non- combustion	-	-	2,089	GJ	1	2,089

ELECTRICITY PRODUCED							
Activity Type	Usage	Amount	Units	Energy Content Factor (GJ/Unit)	Converted Energy Content Amount (GJ)		
Electricity (solar generation)	For use onsite	580,308	kWh	0.0036	2,089		
				Tota	2,089		

#### 7: CBD CAMPUS - FACILITY

Name	CBD Campus
Facility Street Address	Castlereagh Street SYDNEY New South Wales 2000 AUSTRALIA
Geographic Coordinates	Latitude 33.869S / Longitude 151.211E
Facility location	-
Activity location	New South Wales
Location description	-
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)						
Scope 1	Scope 2	Total of Scope 1 and Scope 2				
1	218	219				

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)					
Energy Consumed Total	Energy Consumed Net	Energy Produced			
978	978	-			

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			
1	-	-	-	-	-	1			

Source Activity	Fuel / Criterion	Quantity	Energy Values (EC & Z)	Gas / Method	Scope 1 Emission (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 - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport post-2004 Fuel usage: combustion Criterion: A	0.24 kL	EC (GJ/Unit): 34.2 Z (GJ): 8	Gas: CO2 EF (kg CO2-e / GJ): 67.4 Method: Method 1	1
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 2	0
				Gas: CH4 EF (kg CO2-e / GJ): 0.02 Method:	0

				Method 2	
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: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: combustion Criterion: A	O kL	EC (GJ/Unit): 23.4 Z (GJ):	Gas: - EF (kg CO2-e / GJ): - Method:	-
		Total	8		1

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	269,329	kWh	0.81	218
			Total	218

ACTIVITY IVDA	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units		Energy Content (GJ)
	Gasoline (other than for use as fuel in an aircraft) - Transport post-2004	combustion	A	-	0.24			8
combustion of liquid fuels other than	Ethanol for use as a fuel in an internal combustion engine - Transport post-2004	combustion	A	-	0	kL	23.4	0

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION								
	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	-	-	-	-	269,329	kWh	0.0036	970
Total								al 970

#### 8: CONSERVATORIUM OF MUSIC - FACILITY

Name	Conservatorium of Music
Facility Street Address	Macquarie St Services Building G12 THE UNIVERSITY OF SYDNEY New South Wales 2006 AUSTRALIA
Geographic Coordinates	Latitude 33.863S / Longitude 151.214E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)						
Scope 1	Scope 2 Total of Scope 1 and Scope 2					
90	1,977	2,067				

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)						
Energy Consumed Total	Energy Consumed Net	Energy Produced				
10,529	10,529	-				

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		
90	-	-	-	-	-	90		

Source Activity	Fuel / Criterion	Quantity	Energy Values (EC & Z)	Gas / Method	Scope 1 Emission (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 gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline Fuel usage: combustion Criterion: A	1,733.208 GJ	EC (GJ/Unit): 1 Z (GJ): 1,733	Gas: CO2 EF (kg CO2-e / GJ): 51.4 Method: Method	89
				Gas: N2O EF (kg CO2-e / GJ): 0.03 Method: Method	0
				Gas: CH4 EF (kg CO2-e / GJ):	0

				0.1 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 post-2004 Fuel usage: combustion Criterion: A	0.317 kL	Z (GJ): CO2-e 11 GJ): 67.4 Metho	CO2 EF (kg CO2-e / GJ): 67.4 Method:	1
				Gas: CH4 EF (kg CO2-e / GJ): 0.02 Method: Method 2	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 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: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: combustion Criterion: A	0.019 kL	EC (GJ/Unit): 23.4 Z (GJ):	Gas: CO2 EF (kg CO2-e / GJ): 0 Method: Method	0
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 2	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method	0
		Source Total	1,744		90
		Total	1,744		90

SCOPE 2 EMISSIONS			
Activity Type	Quantity	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	2,440,404	kWh	0.81	1,977
			Total	1,977

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	Gasoline (other than for use as fuel in an aircraft) - Transport post-2004	combustion	A	-	0.317			11
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Ethanol for use as a fuel in an internal combustion engine - Transport post-2004	combustion	A	-	0.019	kL	23.4	0

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 gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	1,733.208		1	1,733
	•	•	-	-	•		Total	1,733

ENERGY CONSUMED BY MEAN	S OTHER TH	IAN C	OMBUS	TION				
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	-	-	-	-	2,440,404	kWh	0.0036	8,785
	•	-	-	-		•	Total	8,785

#### 9: CUMBERLAND CAMPUS - FACILITY

Name	Cumberland Campus
Facility Street Address	75 East St Services Building G12 LIDCOMBE New South Wales 2141 AUSTRALIA
Geographic Coordinates	Latitude 33.881S / Longitude 151.048E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)						
Scope 1	Scope 2	Total of Scope 1 and Scope 2				
354	4,413	4,767				

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)						
Energy Consumed Total	Energy Consumed Net	Energy Produced				
26,478	26,478	-				

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			
353	1	-	-	-	-	354			

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 gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline Fuel usage: combustion Criterion: A	6,863.572 GJ	EC (GJ/Unit): 1 Z (GJ): 6,864	Gas: CO2 EF (kg CO2-e / GJ): 51.4 Method: Method 1	353
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	1
				Gas: N2O EF (kg CO2-e / GJ): 0.03 Method: Method 1	0

	S	ource Total	6,864	354
		Total	6,864	354

SCOPE 2 EMISSIONS							
Activity Type	Quantity	Units	, ,	Scope 2 Emissions (t CO2-e)			
Purchase and loss of electricity from main electricity grid in a State or Territory	5,448,235	kWh	0.81	4,413			
	4,413						

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 gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	6,863.572	GJ	1	6,864
							Total	6.864

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION								
	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	Factor	Energy Content (GJ)
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	5,448,235	kWh	0.0036	19,614
Total							19,614	

#### 10: DARLINGTON CAMPUS - FACILITY

Name	Darlington Campus
Facility Street Address	Campus Infrastructure Services Services Building G12 THE UNIVERSITY OF SYDNEY New South Wales 2006 AUSTRALIA
Geographic Coordinates	Latitude 33.891S / Longitude 151.192E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)						
Scope 1	Scope 2 Total of Scope 1 and Scope 2					
1,679	22,628	24,307				

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)						
Energy Consumed Total	Energy Consumed Net	Energy Produced				
136,357	134,683	1,674				

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			
1,675	3	1	-	-	-	1,679			

EC = Energy Content Factor, Z = E	nergy Content, EF = Emi	ssion 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 gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline Fuel usage: combustion Criterion: A	31,979.333 GJ	EC (GJ/Unit): 1 Z (GJ): 31,979	Gas: N2O EF (kg CO2-e / GJ): 0.03 Method: Method 1  Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method: 1	3
				Gas: CO2 EF (kg CO2-e / GJ):	1,644

/21/2020 https://eers.cl	eanenergyregulator.gov.au/ReportDeta			51.4 Method: Method			
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 post-2004 Fuel usage: combustion Criterion: A	4.085 kL	EC (GJ/Unit): 34.2 <b>Z</b> (GJ): 140	Gas: CO2 EF (kg CO2-e / GJ): 67.4 Method: Method	9		
						Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method	0
				Gas: CH4 EF (kg CO2-e / GJ): 0.02 Method: Method	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	8.16 kL	(GJ/Unit): CO2 38.6 EF (I Z (GJ): GO2): 315 GJ): 69.9 Meth Meth 1 Gas: CH4 EF (I CO2 GJ): 0.01 Meth	69.9 <b>Method:</b> Method	22		
				0.01 <b>Method:</b> Method	0		
				Gas: N2O EF (kg CO2-e / GJ): 0.6 Method: Method	0		
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid	Fuel / Energy commodity: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: combustion Criterion: A	0.163 kL	EC (GJ/Unit): 23.4 Z (GJ): 4	Gas: CO2 EF (kg CO2-e / GJ): 0 Method:	0		

fuels other than petroleum oils or greases - Transport energy purposes			Method 1	
			Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 2	0
			Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 2	0
	Source To	al 32,438		1,679
	To	al 32,438		1,679

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	27,936,353	kWh	0.81	22,628
	22,628			

ACTIVITY IVDA	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	Factor	Energy Conten (GJ)
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 post-2004	combustion	A	-	4.085	kL	34.2	140
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport post- 2004	combustion	A	-	8.16	kL	38.6	315
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Ethanol for use as a fuel in an internal combustion engine - Transport post-2004	combustion	A	-	0.163	kL	23.4	4

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 gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	31,979.333			31,979
Total 31								

ENERGY CONSUMED BY M	EANS OTHER	THAN CO	MBUST	ION				
Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units		Energy Content (GJ)
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	27,936,353		0.0036	100,571
Energy consumed (not combusted)	Electricity	non- combustion	-	-	1,674	GJ	1	1,674
Energy commodities	Solar energy for electricity generation	non- combustion	-	-	1,674	GJ	1	1,674
Total								

ELECTRICITY PRODUCED							
Activity Type	Usage	Amount	Units	Energy Content Factor (GJ/Unit)	Converted Energy Content Amount (GJ)		
Electricity (solar generation)	For use onsite	465,132	kWh	0.0036	1,674		
		1,674					

#### 11: DUBBO CAMPUS - FACILITY

Name	Dubbo Campus
Facility Street Address	11 Moran Drive DUBBO New South Wales 2830 AUSTRALIA
Geographic Coordinates	Latitude 32.237S / Longitude 148.621E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)						
Scope 1 Scope 2 Total of Scope 1 and Scope 2						
67	104	171				

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)						
Energy Consumed Total Energy Consumed Net Energy Produced						
1,774	1,774	-				

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)								
Carbon Dioxide CH4 Nitrous Oxide Perfluorocarbons Hydro Fluoro Carbons Sulphur Hexafluoride HFCs Total								
67	-	-	-	-	-	67		

Source Activity	Fuel / Criterion	Quantity	Energy Values (EC & Z)	Gas /	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 gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline Fuel usage: combustion Criterion: A	1,313.225 GJ	EC (GJ/Unit): 1 Z (GJ): 1,313	Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method	0
				Gas: CO2 EF (kg CO2-e / GJ): 51.4 Method: Method	67
				Gas: N2O EF (kg CO2-e / GJ): 0.03 Method:	0

				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 post-2004 Fuel usage: combustion Criterion: A	O kL	EC (GJ/Unit): 34.2 Z (GJ):	Gas: - EF (kg CO2-e / GJ): - Method:	-
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: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: combustion Criterion: A	O kL	EC (GJ/Unit): 23.4 Z (GJ):	Gas: - EF (kg CO2-e / GJ): - Method:	-
	I	Total	1,313		67

SCOPE 2 EMISSIONS				
Activity Type	Quantity	Units	, ,	Scope 2 Emissions (t CO2-e)
Purchase and loss of electricity from main electricity grid in a State or Territory	128,076	kWh	0.81	104
	104			

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Conten (GJ)
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 post-2004	combustion	A	-	0		34.2	0
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Ethanol for use as a fuel in an internal combustion engine - Transport post-2004	combustion	A	-	0	kL	23.4	0

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 gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	1,313.225		1	1,313
							Total	1,313

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION								
Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	Factor	Energy Content (GJ)
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	128,076	kWh	0.0036	461
Total							461	

#### 12: MALLETT ST CAMPUS - FACILITY

Name	Mallett St Campus
Facility Street Address	88 Mallett St CAMPERDOWN New South Wales 2050 AUSTRALIA
Geographic Coordinates	Latitude 33.888S / Longitude 151.177E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)						
Scope 1	Scope 2	Total of Scope 1 and Scope 2				
376	5,621	5,997				

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)						
Energy Consumed Total	Energy Consumed Net	Energy Produced				
32,374	32,328	46				

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)								
Carbon Dioxide CO2		Nitrous Oxide N2O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF6	Total		
375	1	-	-	-	-	376		

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 gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline Fuel usage: combustion Criterion: A	7,300.782 GJ	EC (GJ/Unit): 1 Z (GJ): 7,301	Gas: CO2 EF (kg J): CO2-e /	375
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method	1
				Gas: N2O EF (kg CO2-e / GJ): 0.03 Method:	0

				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 post-2004 Fuel usage: combustion Criterion: A	O kL	EC (GJ/Unit): 34.2 Z (GJ):	Gas: - EF (kg CO2-e / GJ): - Method:	-
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: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: combustion Criterion:	0 kL	EC (GJ/Unit): 23.4 Z (GJ):	Gas: - EF (kg CO2-e / GJ): - Method:	-
	I	Total	7,301		376

SCOPE 2 EMISSIONS				
Activity Type	Quantity	Units	, ,	Scope 2 Emissions (t CO2-e)
Purchase and loss of electricity from main electricity grid in a State or Territory	6,939,104	kWh	0.81	5,621
	5,621			

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	Gasoline (other than for use as fuel in an aircraft) - Transport post-2004	combustion	A	-	0			0	
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Ethanol for use as a fuel in an internal combustion engine - Transport post-2004	combustion	A	-	0	kL	23.4	0	
							Total	-	

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 gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	7,300.782		1	7,301
	*	-		-	•		Total	7,301

Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	Content	Energy Content (GJ)
-	-	-	-	6,939,104			24,981
Electricity	non- combustion	-	-	46	GJ	1	46
Solar energy for electricity generation	non- combustion	-	-	46	GJ	1	46
	- Electricity Solar energy for electricity	Commodity  Usage  -  Electricity  Solar energy for electricity  non-combustion non-combustion	Commodity  Usage   Electricity  Solar energy for electricity  Criterion   Indicate the combustion of the c	Commodity  Usage  Criterion  criterion	Commodity  Usage  Criterion criterion  Amount  6,939,104  Electricity non- combustion 46  Solar energy for electricity combustion 46	Fuel / Energy Commodity  Fuel Usage  Criterion  Subcriterion  Amount  Units  6,939,104 kWh  Electricity  non-combustion  Solar energy for electricity  non-combustion  46  GJ	Fuel / Commodity     Fuel Usage     Criterion     Subcriterion     Amount     Units     Content Factor (GJ/Unit)       -     -     -     -     6,939,104     kWh     0.0036       Electricity     non-combustion combustion electricity     -     -     46     GJ     1

ELECTRICITY PRODUCED										
Activity Type	Usage	Amount	Units	Energy Content Factor (GJ/Unit)	Converted Energy Content Amount (GJ)					
Electricity (solar generation)	For use onsite	12,804	kWh	0.0036	46					
				Tota	146					

### 13: MIDDLE POINT - RESEARCH STATION - FACILITY

Name	Middle Point - Research Station
Facility Street Address	Lot 1534,535 Anzac Parade MIDDLE POINT Northern Territory 0822 AUSTRALIA
Geographic Coordinates	Latitude 12.574S / Longitude 131.317E
Facility location	-
Activity location	Northern Territory
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)							
Scope 1 Scope 2 Total of Scope 1 and Scope 2							
-	43	43					

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)						
Energy Consumed Total Energy Consumed Net Energy Produced						
251	251	-				

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)											
Carbon Dioxide CO2 Methane CH4 Nitrous Oxide Perfluorocarbons Hydro Fluoro Carbons Sulphur Hexafluoride FCs HFCs FF6											
-	-	-	-	-	-	-					

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 - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport post-2004 Fuel usage: combustion Criterion: A	0 kL	EC (GJ/Unit): 38.6 Z (GJ): -	Gas: - EF (kg CO2-e / GJ): - Method:	-	
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 post-2004 Fuel usage: combustion Criterion: A	0.156 kL	EC (GJ/Unit): 34.2 Z (GJ): 5	Gas: CO2 EF (kg CO2-e / GJ): 67.4 Method: Method	0	
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method:	0	

			Method 2  Gas: CH4 EF (kg CO2-e / GJ): 0.02 Method: Method 2	0
	5		-	
	Total	5		-

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	68,450	kWh	0.63	43
	-		Total	43

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT									
Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	II:ANTANT	Energy Content (GJ)	
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport post-2004	combustion	A	-	0			0	
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 post-2004	combustion	A	-	0.156	kL	34.2	5	
							Total	5	

<b>ENERGY CONSUMED BY MEAN</b>	S OTHER TH	IAN C	OMBUS	TION				
Activity Type	Fuel / Energy Commodity	Fuel Usage	I TITOPION	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	-	-	-	-	68,450	kWh	0.0036	246
							Total	246

### 14: MOLONGLO OBSERVATORY - FACILITY

Name	Molonglo Observatory
Facility Street Address	1152 Bungendore/Hoskintown Rd BUNGENDORE New South Wales 2621 AUSTRALIA
Geographic Coordinates	Latitude 35.371S / Longitude 149.426E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSION	IS (t CO2-e)	
Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	269	269

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)					
Energy Consumed Total	Energy Consumed Net	Energy Produced			
1,195	1,195	-			

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)							
Carbon Dioxide CO2 Methane CO3 Methane CO4 Nitrous Oxide Perfluorocarbons PFCs Hydro Fluoro Carbons Sulphur Hexafluoride FCS SF6							
-	-	-	-	-	-	-	

SCOPE 2 EMISSIONS				
Activity Type	Quantity	Units	· · · · · · · · · · · · · · · · · · ·	Scope 2 Emissions (t CO2-e)
Purchase and loss of electricity from main electricity grid in a State or Territory	331,993	kWh	0.81	269
	-	-	Total	269

<b>ENERGY CONSUMED BY MEAN</b>	IS OTHER TH	IAN C	OMBUS	TION				
Activity Type	Fuel / Energy Commodity	Fuel Usage	(Tritarian	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	-	-	-	-	331,993	kWh	0.0036	1,195
							Tota	11,195

#### 15: NARRABRI - FACILITY

Name	Narrabri
Facility Street Address	Narrabri Campus 12656 Newell Highway NARRABRI New South Wales 2390 AUSTRALIA
Geographic Coordinates	Latitude 30.271S / Longitude 149.804E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSION	IS (t CO2-e)	
Scope 1	Scope 2	Total of Scope 1 and Scope 2
196	1,122	1,318

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)					
Energy Consumed Total	Energy Consumed Net	Energy Produced			
7,771	7,771	-			

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)							
Carbon Dioxide Methane Nitrous Oxide Perfluorocarbons Hydro Fluoro Carbons Sulphur Hexafluoride CH4 N2O PFCs HFCs SF6							
195	-	1	-	-	-	196	

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	0.816 kL	EC (GJ/Unit): 34.2 Z (GJ): 28	Gas: CO2 EF (kg CO2-e / GJ): 67.4 Method: Method 1  Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method:	0
				Gas: CH4 EF (kg CO2-e / GJ):	0

21/2020 https://eers.cleanenergyre				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 - Stationary energy purposes	Fuel / Energy commodity: Diesel oil Fuel usage: combustion Criterion: A	13.272 kL	EC (GJ/Unit): 38.6 Z (GJ): 512	Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method	0
				Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method: Method	36
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method	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:	58.08 kL	EC (GJ/Unit): 38.6 Z (GJ): 2,242	Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method: Method	157
				Gas: CH4 EF (kg CO2-e / GJ): 0.01 Method: Method 2	0
				Gas: N2O EF (kg CO2-e / GJ): 0.6 Method: Method	1
	0	<b>-</b>	0.700		100
	500	urce Total	2,782		196

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	1,385,801 k	(Wh	0.81	1,122	
Clate of Torritory			ITotal	1,122	

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 post-2004	combustion	A	-	58.08			2,242

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	-	0.816			28
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Diesel oil	combustion	A	-	13.272	kL	38.6	512
							Total	540

<b>ENERGY CONSUMED BY MEAN</b>	S OTHER TH	IAN C	OMBUS	TION				
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	-	-	-	-	1,385,801	kWh	0.0036	4,989
	-						Total	4,989

### 16: NEPEAN - FACILITY

Name	Nepean
Facility Street Address	Nepean KINGSWOOD New South Wales 2747 AUSTRALIA
Geographic Coordinates	Latitude 33.761S / Longitude 150.712E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)							
Scope 1 Scope 2 Total of Scope 1 and Scope 2							
7	565	572					

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)							
Energy Consumed Total Energy Consumed Net Energy Produced							
2,643	2,643	-					

GREENHOUS	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					
7	-	-	-	-	-	7					

EC = Energy Content Factor, Z = Energy C  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 gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline Fuel usage: combustion Criterion: A	132.273 GJ	EC (GJ/Unit): 1 Z (GJ): 132	Gas: CO2 EF (kg CO2-e / GJ): 51.4 Method: Method 1	7
				Gas: N2O EF (kg CO2-e / GJ): 0.03 Method: Method 1	0
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0

	Sou	132	7	
		Total	132	7

SCOPE 2 EMISSIONS				
Activity Type	Quantity	Units	, ,	Scope 2 Emissions (t CO2-e)
Purchase and loss of electricity from main electricity grid in a State or Territory	697,614	kWh	0.81	565
			Total	565

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
IEMISSIONS REIESSEN TROM COMPLISTION OF	Natural gas distributed in a pipeline	combustion	A	-	132.273			132
							Total	132

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION									
Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	IC: ANTANT	Energy Content (GJ)	
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	697,614	kWh	0.0036	2,511	
Total								2,511	

### 17: NOWLEY - SPRING RIDGE - FACILITY

Name	Nowley - Spring Ridge
Facility Street Address	AUSTRALIA
Geographic Coordinates	Latitude 31.353S / Longitude 150.110E
Facility location	-
Activity location	New South Wales
Location description	-
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)								
Scope 1 Scope 2 Total of Scope 1 and Scope 2								
114	22	136						

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)						
Energy Consumed Total Energy Consumed Net Energy Produced						
1,720	1,720	-				

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)											
Carbon Dioxide CO2 Methane CH4 Nitrous Oxide Perfluorocarbons Hydro Fluoro Carbons Sulphur Hexafluoride FCs HFCs FG6											
113	-	1	-	-	-	114					

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: Diesel oil Fuel usage: combustion Criterion: A	8.136 kL	EC (GJ/Unit): 38.6 Z (GJ): 314	Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method	0
				Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method:	22

				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 - Stationary energy purposes	Fuel / Energy commodity: Liquefied petroleum gas Fuel usage: combustion Criterion: A	2.016 kL	EC (GJ/Unit): 25.7 <b>Z</b> (GJ): 52	Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method	0
				Gas: CO2 EF (kg CO2-e / GJ): 60.2 Method: Method	3
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method	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	32.532 kL	EC (GJ/Unit): 38.6 Z (GJ): 1,256	Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method: Method	88
				Gas: CH4 EF (kg CO2-e / GJ): 0.01 Method: Method 2	0
				Gas: N2O EF (kg CO2-e / GJ): 0.6 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 post-2004 Fuel usage: combustion Criterion: A	0 kL	EC (GJ/Unit): 34.2 Z (GJ):	Gas: - EF (kg CO2-e / GJ): - Method:	-

Total | 1,622 | | 114 |

SCOPE 2 EMISSIONS				
Activity Type	Quantity	Units	, ,	Scope 2 Emissions (t CO2-e)
Purchase and loss of electricity from main electricity grid in a State or Territory	27,348	kWh	0.81	22
	22			

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT									
Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	Factor	Energy Content (GJ)	
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport post-2004	combustion	A	-	32.532	kL	38.6	1,256	
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 post-2004	combustion	A	-	0	kL	34.2	0	
Total								1,256	

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units		Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Diesel oil	combustion	A	-	8.136			314
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas	combustion	A	-	2.016	kL	25.7	52
							Total	366

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION								
Activity Type	Fuel / Energy Commodity	Fuel Usage	Critorion	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	-	-	-	-	27,348	kWh	0.0036	98
							To	otal 98

### 18: ORANGE CAMPUS - FACILITY

Name	Orange Campus
Facility Street Address	Corner of Acacia Way and Canobolas Drive 1502 Forest Road ORANGE New South Wales 2800 AUSTRALIA
Geographic Coordinates	Latitude 33.276S / Longitude 149.101E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)						
Scope 1	Scope 2 Total of Scope 1 and Scope 2					
-	68	68				

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)						
Energy Consumed Total Energy Consumed Net Energy Produced						
310	310	-				

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
-	-	-	-	-	-	-

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 gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline Fuel usage: combustion Criterion: A	6.048 GJ	EC (GJ/Unit): 1 Z (GJ): 6	Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1 Gas: CO2 EF (kg CO2-e / GJ): 51.4 Method: Method:	0
				Gas: N2O EF (kg CO2-e / GJ):	0

Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Fuel combustion  Source category: Fuel usage: Combustion  Criterion: A  Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport post-2004 Fuel usage: Combustion  Criterion: A  Fuel / Energy commodity: Fuel usage: Combustion  Criterion: A  Fuel / Energy commodity: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: Combustion  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: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: Combustion Criterion: A  Fuel / Energy commodity: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: Combustion Criterion: A  Fuel / Energy commodity: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: Combustion Criterion: A  Fuel / Energy commodity: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: Combustion Criterion: A  Fuel / Energy commodity: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: Combustion Criterion: A  Fuel / Energy commodity: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: Combustion Criterion: A  Criterion: A					0.03 Method: Method 1	
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 -  Ethanol for use as a fuel in an internal combustion engine - Transport post-2004  Fuel usage: combustion  Criterion: A   Ethanol for use as a fuel in an internal combustion engine - Transport post-2004  Fuel usage: combustion  Criterion: A   (GJ/Unit): 23.4  EF (kg  CO2-e / GJ): - Method: -	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 -	Gasoline (other than for use as fuel in an aircraft) - Transport post-2004  Fuel usage: combustion Criterion:	1 -	( <b>GJ/Unit):</b> 34.2	- EF (kg CO2-e / GJ):	-
	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 -	Ethanol for use as a fuel in an internal combustion engine - Transport post-2004  Fuel usage: combustion  Criterion:	"	(GJ/Unit): 23.4	EF (kg CO2-e / GJ):	-

SCOPE 2 EMISSIONS				
Activity Type	Quantity	Units	, ,	Scope 2 Emissions (t CO2-e)
Purchase and loss of electricity from main electricity grid in a State or Territory	84,504	kWh	0.81	68
	-	•	Total	68

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	Gasoline (other than for use as fuel in an aircraft) - Transport post-2004	combustion	A	-	0		34.2	0
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Ethanol for use as a fuel in an internal combustion engine - Transport post-2004	combustion	A	-	0	kL	23.4	0

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from complision of	Natural gas distributed in a pipeline	combustion	A	-	6.048	GJ	1	6
		-					Total	6

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION								
Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units		Energy Content (GJ)
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	84,504	kWh	0.0036	304
	•	-	-	-	-	-	Total	304

### 19: PEARL BEACH - FIELD SITE - FACILITY

Name	Pearl Beach - Field Site
Facility Street Address	75 Crystal Ave PEARL BEACH New South Wales 2256 AUSTRALIA
Geographic Coordinates	Latitude 33.549S / Longitude 151.299E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)						
Scope 1	Scope 2 Total of Scope 1 and Scope 2					
-	5	5				

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)				
Energy Consumed Total	Energy Consumed Net	Energy Produced		
24	24	-		

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)							
Carbon Dioxide CO2 Methane CH4 Nitrous Oxide Perfluorocarbons Hydro Fluoro Carbons Sulphur Hexafluoride FCs HFCs SF6						Total	
-	-	-	-	-	-	<u>-</u>	

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 - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport post-2004 Fuel usage: combustion Criterion: A	0 kL	EC (GJ/Unit): 34.2 Z (GJ):	Gas: - EF (kg CO2-e / GJ): - Method:	-

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	6,774	kWh	0.81	5
			Total	5

ENERGY CONSUMED BY M	IEANS OF COMBU	STION F	OR TRA	NSPO	RT			
Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units		Energy Content (GJ)
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 post-2004	combustion	A	-	0			0
							Total	-

<b>ENERGY CONSUMED BY MEAN</b>	S OTHER TH	IAN C	OMBUS	TION				
Activity Type	Fuel / Energy Commodity	Fuel Usage		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	-	-	-	-	6,774	kWh	0.0036	24
							Tota	124

### 20: ROZELLE CAMPUS - FACILITY

Name	Rozelle Campus
Facility Street Address	Balmain Road ROZELLE New South Wales 2039 AUSTRALIA
Geographic Coordinates	Latitude 33.865S / Longitude 151.163E
Facility location	-
Activity location	New South Wales
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UNIVERSITY OF SYDNEY
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2019 - 30/06/2020
Grid Connected Electricity Generator	No

GREENHOUSE GAS EMISSIONS (t CO2-e)						
Scope 1	Scope 2 Total of Scope 1 and Scope 2					
106	528	634				

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)				
Energy Consumed Total	Energy Consumed Net	Energy Produced		
4,401	4,401	-		

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	
106	-	-	-	-	-	106	

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 gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline Fuel usage: combustion Criterion: A	2,036.049 GJ	EC (GJ/Unit): 1 Z (GJ): 2,036	Gas: N2O EF (kg CO2-e / GJ): 0.03 Method: Method	0
			Gas: CO2 EF (kg CO2-e GJ): 51.4 Metho	CO2 EF (kg CO2-e / GJ): 51.4 Method: Method	105
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method:	0

				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 post-2004 Fuel usage: combustion Criterion: A	0.528 kL	EC (GJ/Unit): 34.2 Z (GJ): 18	Gas: CO2 EF (kg CO2-e / GJ): 67.4 Method: Method	1
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 2	0
				Gas: CH4 EF (kg CO2-e / GJ): 0.02 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: Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 Fuel usage: combustion Criterion: A	0.036 kL	EC (GJ/Unit): 23.4 Z (GJ): 1	Gas: CO2 EF (kg CO2-e / GJ): 0 Method: Method	0
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 2	0
	1	_∟ Source Total	2,055		106
	·	Source Total	2,000		100

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	651,793	kWh	0.81	528

State or Territory Total 528

	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
	Gasoline (other than for use as fuel in an aircraft) - Transport post-2004	combustion	A	-	0.528		34.2	18
combustion of liquid fuels other than petroleum oils or greases -	Ethanol for use as a fuel in an internal combustion engine - Transport post-2004	combustion	A	-	0.036	kL	23.4	1

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 gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	2,036.049		1	2,036
	-			•	•		Total	2,036

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION								
Activity Type	Fuel / Energy Commodity	Fuel Usage	II TITOPION	Sub- criterion	Amount	Units	ι : ΛητΔητ	Energy Content (GJ)
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	651,793	kWh	0.0036	2,346
	-	•	-	•	•	•	Total	2,346

### CORPORATE GROUP THRESHOLD MET

The corporate group of UNIVERSITY OF SYDNEY 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 <a href="https://www.cleanenergyregulator.gov.au">www.cleanenergyregulator.gov.au</a>.

#### 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.