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**Australian Government**  
**Clean Energy Regulator**

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**NATIONAL GREENHOUSE AND ENERGY REPORTING**  
**SECTION 19 - ENERGY AND EMISSIONS REPORT**  
**The University of Queensland**  
**FOR THE REPORTING YEAR 2018 – 2019**

**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 2019.

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	The University of Queensland
Australian Business Number (ABN)	63942912684
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-
Head office postal address:	
Postal address line 1	The University of Queensland
Postal address line 2	Level 4, Brian Wilson Chancellery Building
Postal address line 3	-
Postal city/suburb	UNIVERSITY OF QUEENSLAND
Postal state	Queensland
Postal postcode	4072
Postal country	AUSTRALIA
Head office street address:	
Street address line 1	The University of Queensland
Street address line 2	Level 4, Brian Wilson Chancellery Building
Street address line 3	-
Street city/suburb	UNIVERSITY OF QUEENSLAND
Street state	Queensland
Street postcode	4072
Street country	AUSTRALIA

## EXECUTIVE OFFICER (OR EQUIVALENT) DETAILS

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Position	CEO
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Postal address line 1	The University of Queensland
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Postal city/suburb	Brisbane
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## CONTACT PERSON DETAILS

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Postal city/suburb	ST LUCIA
Postal state	
Postal postcode	4067
Postal country	AUSTRALIA

## THE UNIVERSITY OF QUEENSLAND 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 The University of Queensland for the 2018 - 2019 reporting period.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
1,693	109,493	111,186

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)		
Energy Consumed Total	Energy Consumed Net	Energy Produced
582,350	550,063	32,287

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
1,677	4	12	-	-	-	1,693

## THE UNIVERSITY OF QUEENSLAND 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	Boyce Estate <b>Type:</b> Facility	0	7	32	32	0
2	Customs House <b>Type:</b> Facility	39	609	3,500	3,500	0
3	Dayboro Vet Surgery <b>Type:</b> Facility	0	49	219	219	0
4	External Studies Centre Toowoomba - 27 Jellicoe Street <b>Type:</b> Facility	0	0	1	1	0
5	Gatton Campus <b>Type:</b> Facility	132	8,507	79,093	58,311	20,782
6	Gatton Off-Campus Sites <b>Type:</b> Facility Aggregate	0	260	1,169	1,169	0
7	GLOBAL CHANGE INSTITUTE PTY LTD <b>Type:</b> Group Member	-	-	-	-	-
8	Heron Island Research Station <b>Type:</b> Facility	30	220	2,011	1,859	152
9	Herston Campus <b>Type:</b> Facility	88	7,402	35,889	35,455	434
10	Indooroopilly Mine <b>Type:</b> Facility	0	885	3,982	3,982	0
11	Ipswich Clinical School <b>Type:</b> Facility	0	20	88	88	0
12	Long Pocket Science Site <b>Type:</b> Facility	0	1,539	6,929	6,929	0
13	Moreton Bay Research Station <b>Type:</b> Facility	12	136	1,039	903	136
14	Mt Nebo Seismograph Station <b>Type:</b> Facility	0	0	0	0	0
15	Pharmacy Australia Centre of Excellence <b>Type:</b> Facility	79	3,677	20,445	19,266	1,179
16	Pinjarra Hills Farm <b>Type:</b> Facility	0	328	1,718	1,584	134
17	Rural Clinical School - Bundaberg <b>Type:</b> Facility	0	38	173	173	0
18	Rural Clinical School - Hervey Bay <b>Type:</b> Facility	0	26	118	118	0
19	Rural Clinical School - Rockhampton <b>Type:</b> Facility	0	104	466	466	0

20	Rural Clinical School - Toowoomba <b>Type:</b> Facility	0	81	363	363	0
21	Rural Clinical School Accommodation Sites <b>Type:</b> Facility Aggregate	1	217	988	988	0
22	South Queensland Rural Health Sites <b>Type:</b> Facility Aggregate	0	39	177	177	0
23	St Lucia Campus <b>Type:</b> Facility	1,312	84,715	421,095	411,625	9,470
24	St Lucia Off-Campus Sites <b>Type:</b> Facility Aggregate	0	634	2,855	2,855	0
25	THE TRUSTEE FOR IMBCOM ASSET TRUST <b>Type:</b> Group Member	-	-	-	-	-
26	THE TRUSTEE FOR UNIVERSITY OF QUEENSLAND FOUNDATION TRUST <b>Type:</b> Group Member	-	-	-	-	-
27	THE TRUSTEE FOR UQ INVESTMENT TRUST <b>Type:</b> Group Member	-	-	-	-	-
28	UQ HOLDINGS PTY LTD <b>Type:</b> Group Member	-	-	-	-	-
29	UQ HOLDINGS PTY LTD <b>Type:</b> Group Member IMBCOM PTY LTD <b>Type:</b> Group Member	-	-	-	-	-
30	IMBCOM PTY LTD <b>Type:</b> Group Member IMBCOM ASSET MANAGEMENT COMPANY PTY LTD <b>Type:</b> Group Member	-	-	-	-	-
31	IMBCOM PTY LTD <b>Type:</b> Group Member KALThERA PTY LTD <b>Type:</b> Group Member	-	-	-	-	-
32	UQ HOLDINGS PTY LTD <b>Type:</b> Group Member JKTECH PTY LTD <b>Type:</b> Group Member	-	-	-	-	-
33	UQ HOLDINGS PTY LTD <b>Type:</b> Group Member UNIQUEST PTY LIMITED <b>Type:</b> Group Member	-	-	-	-	-
34	UNIQUEST PTY LIMITED <b>Type:</b> Group Member DENDRIGHT PTY LTD <b>Type:</b> Group Member	-	-	-	-	-
35	UNIQUEST PTY LIMITED <b>Type:</b> Group Member LEXIMANCER PTY LTD <b>Type:</b> Group Member	-	-	-	-	-
36	UNIQUEST PTY LIMITED	-	-	-	-	-

	<b>Type:</b> Group Member LUCIA PUBLISHING SYSTEMS PTY LTD <b>Type:</b> Group Member					
37	UNIQUEST PTY LIMITED <b>Type:</b> Group Member NEO-REHAB PTY LTD <b>Type:</b> Group Member	-	-	-	-	-
38	UNIQUEST PTY LIMITED <b>Type:</b> Group Member SYMBIOSIS GROUP PTY LTD <b>Type:</b> Group Member	-	-	-	-	-
39	UNIQUEST PTY LIMITED <b>Type:</b> Group Member UWAT PTY LTD <b>Type:</b> Group Member	-	-	-	-	-
40	UQ HOLDINGS PTY LTD <b>Type:</b> Group Member UQ COLLEGE LIMITED <b>Type:</b> Group Member	-	-	-	-	-
41	UQ HOLDINGS PTY LTD <b>Type:</b> Group Member UQ HEALTH CARE LIMITED <b>Type:</b> Group Member	-	-	-	-	-
42	UQ HEALTH CARE LIMITED <b>Type:</b> Group Member GP Super Clinic Meadowbrook <b>Type:</b> Facility	0	0	0	0	0
43	UQ HOLDINGS PTY LTD <b>Type:</b> Group Member UQ SPORT LTD <b>Type:</b> Group Member	-	-	-	-	-
44	UQ HOLDINGS PTY LTD <b>Type:</b> Group Member UQH FINANCE PTY LTD <b>Type:</b> Group Member	-	-	-	-	-

## 1: BOYCE ESTATE - FACILITY

Name	Boyce Estate
Facility Street Address	6 Range St MOUNT LOFTY Queensland 4350 AUSTRALIA
Geographic Coordinates	Latitude 27.545S / Longitude 151.972E
Facility location	-
Activity location	Queensland
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

### GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	7	7

### ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
32	32	-

### GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

### SCOPE 2 EMISSIONS

Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	8,802	kWh	0.8	7
Total				7

### 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	-	-	-	-	8,802	kWh	0.0036	32
Total								32

## 2: CUSTOMS HOUSE - FACILITY

Name	Customs House
Facility Street Address	399 Queen Street BRISBANE Queensland 4001 AUSTRALIA
Geographic Coordinates	Latitude 27.468S / Longitude 153.029E
Facility location	-
Activity location	Queensland
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
39	609	648

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)		
Energy Consumed Total	Energy Consumed Net	Energy Produced
3,500	3,500	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
39	-	-	-	-	-	39

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 CO <sub>2</sub> -e)	
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of gaseous fuels - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Natural gas distributed in a pipeline <b>Fuel usage:</b> combustion <b>Criterion:</b> A	761 GJ	<b>EC (GJ/Unit):</b> 1 <b>Z (GJ):</b> 761	<b>Gas:</b> CO <sub>2</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 51.4 <b>Method:</b> Method 1	39	
				<b>Gas:</b> CH <sub>4</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.1 <b>Method:</b> Method 1	0	
				<b>Gas:</b> N <sub>2</sub> O <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.03 <b>Method:</b> Method 1	0	



			Source Total	761
			Total	761
				39
				39

### SCOPE 2 EMISSIONS

Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	760,955	kWh	0.8	609
				Total 609

### 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 gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	761	GJ	1	761
								Total 761

### 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	-	-	-	-	760,955	kWh	0.0036	2,739
								Total 2,739

### 3: DAYBORO VET SURGERY - FACILITY

Name	Dayboro Vet Surgery
Facility Street Address	125 McKenzie St DAYBORO Queensland 4521 AUSTRALIA
Geographic Coordinates	Latitude 27.191S / Longitude 152.817E
Facility location	-
Activity location	Queensland
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

#### GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	49	49

#### ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
219	219	-

#### GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

#### SCOPE 2 EMISSIONS

Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	60,837	kWh	0.8	49
				Total 49

#### 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	-	-	-	-	60,837	kWh	0.0036	219
							Total	219

#### 4: EXTERNAL STUDIES CENTRE TOOWOOMBA - 27 JELLCOE STREET - FACILITY

Name	External Studies Centre Toowoomba - 27 Jellicoe Street
Facility Street Address	27 Jellicoe Street TOOWOOMBA Queensland 4350 AUSTRALIA
Geographic Coordinates	Latitude 27.548S / Longitude 151.971E
Facility location	-
Activity location	Queensland
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	-	-

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

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

SCOPE 2 EMISSIONS				
Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	232	kWh	0.8	0
Total				0

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	-	-	-	-	232	kWh	0.0036	1
Total								1

## 5: GATTON CAMPUS - FACILITY

Name	Gatton Campus
Facility Street Address	Warrego Highway GATTON COLLEGE Queensland 4345 AUSTRALIA
Geographic Coordinates	Latitude 27.554S / Longitude 152.336E
Facility location	-
Activity location	Queensland
Location description	UQ Gatton is located in South East Queensland, Australia, just off the Warrego Highway, under an hours drive west of Queensland's capital city of Brisbane. Nestled in the heart of the Lockyer Valley, the Campus is also close to a number of major centres including Toowoomba which is a 25 minute drive to the west and Ipswich, a 40 minute drive to the east. The Campus is five minutes drive from the township of Gatton and is surrounded by the Shires of Laidley and Esk.
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
132	8,507	8,639

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)		
Energy Consumed Total	Energy Consumed Net	Energy Produced
79,093	58,311	20,782

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
132	-	-	-	-	-	132

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 CO <sub>2</sub> -e)
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Liquefied petroleum gas <b>Fuel usage:</b> combustion <b>Criterion:</b> A	1.405 kL	<b>EC (GJ/Unit):</b> 25.7 <b>Z (GJ):</b> 36	<b>Gas:</b> CO <sub>2</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 60.2 <b>Method:</b> Method 1	2

				<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0
				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Liquefied petroleum gas <b>Fuel usage:</b> combustion <b>Criterion:</b> A	32.78 KL	<b>EC (GJ/Unit):</b> 25.7 <b>Z (GJ):</b> 842	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 60.2 <b>Method:</b> Method 1	51
				<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0
				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Liquefied petroleum gas <b>Fuel usage:</b> combustion <b>Criterion:</b> A	49.52 KL	<b>EC (GJ/Unit):</b> 25.7 <b>Z (GJ):</b> 1,273	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 60.2 <b>Method:</b> Method 1	77
				<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0
				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0

				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1	
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	<b>Fuel / Energy commodity:</b> Liquefied petroleum gas - Transport <b>Fuel usage:</b> combustion <b>Criterion:</b> A	0.74 kL	<b>EC (GJ/Unit):</b> 26.2 <b>Z (GJ):</b> 19	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 60.2 <b>Method:</b> Method 1	1
				<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.6 <b>Method:</b> Method 1	0
				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.7 <b>Method:</b> Method 1	0
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	<b>Fuel / Energy commodity:</b> Liquefied petroleum gas - Transport <b>Fuel usage:</b> combustion <b>Criterion:</b> A	0.41 kL	<b>EC (GJ/Unit):</b> 26.2 <b>Z (GJ):</b> 11	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 60.2 <b>Method:</b> Method 1	1
				<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.6 <b>Method:</b> Method 1	0
				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.7 <b>Method:</b> Method 1	0
<b>Source category:</b> Fuel combustion	<b>Fuel / Energy commodity:</b> Petroleum based oils (other	0 kL	<b>EC (GJ/Unit):</b>	<b>Gas:</b> CO2	0

<b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of petroleum based oils or greases	than petroleum based oil used as fuel) <b>Fuel usage:</b> combustion <b>Criterion:</b> A		38.8 <b>Z (GJ):</b> -	<b>EF (kg CO2-e / GJ):</b> 13.9 <b>Method:</b> Method 1	
Source Total			2,181		132
<b>Source category:</b> Industrial processes <b>Source of emissions:</b> Emissions of hydrofluorocarbons and sulphur hexafluoride gases <b>Activity type:</b> Emissions of sulphur hexafluoride gases from gas insulated switchgear and circuit breaker applications	-	0.019 tonnes	-	<b>Gas:</b> SF6 <b>EF (kg CO2-e / GJ):</b> - <b>Method:</b> Method 1	0
<b>Source category:</b> Industrial processes <b>Source of emissions:</b> Emissions of hydrofluorocarbons and sulphur hexafluoride gases <b>Activity type:</b> Emissions of sulphur hexafluoride gases from gas insulated switchgear and circuit breaker applications	-	-	-	<b>Gas:</b> SF6 <b>EF (kg CO2-e / GJ):</b> - <b>Method:</b> Method 1	0
Source Total			-		-
Total			2,181		132

## SCOPE 2 EMISSIONS

Activity Type	Amount	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	10,633,348	kWh	0.8	8,507
Total				8,507

**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	Liquefied petroleum gas - Transport	combustion	A	-	0.74	kL	26.2	19
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Liquefied petroleum gas - Transport	combustion	A	-	0.41	kL	26.2	11
Total								30

**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	Liquefied petroleum gas	combustion	A	-	1.405	kL	25.7	36
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas	combustion	A	-	32.78	kL	25.7	842
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas	combustion	A	-	49.52	kL	25.7	1,273
Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel)	combustion	A	-	0	kL	38.8	0
Total								2,151

**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	-	-	-	-	10,633,348	kWh	0.0036	38,280
Energy consumed (not combusted)	Electricity	non-combustion	-	-	19,315.9	GJ	1	19,316
Energy commodities	Solar energy for electricity generation	non-combustion	-	-	19,315.9	GJ	1	19,316
Total								76,912

**ELECTRICITY PRODUCED**

Activity Type	Usage	Amount	Units	Energy Content Factor (GJ/Unit)	Converted Energy Content Amount (GJ)
Electricity (solar generation)	For use onsite	5,365,535.6	kWh	0.0036	19,316
Electricity (solar generation)	For use offsite on grid	407,104	kWh	0.0036	1,466
Total					20,782



## 6: GATTON OFF-CAMPUS SITES - AGGREGATED FACILITY

The University of Queensland is reporting aggregated greenhouse gas emissions and energy production and consumption data for two or more facilities under NGER Regulation 4.25. Any facility included in the facility aggregate has had all of its activity data reported against the facility aggregate.

Name	Gatton Off-Campus Sites
ANZSIC Code	810 - Tertiary education
Total number of facilities in aggregate	0

### Facility Aggregate – Operational Control

The University of Queensland had operational control of the facility (Gatton Off-Campus Sites) for the whole of the 2018 - 2019 reporting year.

The following tables summarise total greenhouse gas emissions from operation of the aggregated facilities during the reporting period.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	260	260

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)		
Energy Consumed Total	Energy Consumed Net	Energy Produced
1,169	1,169	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

SCOPE 2 EMISSIONS				
Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	324,688	kWh	0.8	260
Total				260

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	-	-	-	-	324,688	kWh	0.0036	1,169
Total								1,169

## 7: GLOBAL CHANGE INSTITUTE PTY LTD - GROUP MEMBER

Name	GLOBAL CHANGE INSTITUTE PTY LTD
Australian Business Number (ABN)	-
Australian Company Number (ACN)	139896049
Australian Registered Body Number (ARBN)	-
Trading Name	-

GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	-	-

## ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
-	-	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

## 8: HERON ISLAND RESEARCH STATION - FACILITY

Name	Heron Island Research Station
Facility Street Address	Heron Island Research Station Heron Island Queensland 4680 AUSTRALIA
Geographic Coordinates	Latitude 23.443S / Longitude 151.915E
Facility location	-
Activity location	Queensland
Location description	-
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
30	220	250

## ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
2,011	1,859	152

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
30	-	-	-	-	-	30

## 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 CO <sub>2</sub> -e)
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Liquefied petroleum gas <b>Fuel usage:</b> combustion <b>Criterion:</b> A	8.5 kL	<b>EC (GJ/Unit):</b> 25.7 <b>Z (GJ):</b> 218	<b>Gas:</b> CO <sub>2</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 60.2 <b>Method:</b> Method 1	13
				<b>Gas:</b> CH <sub>4</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0
				<b>Gas:</b> N <sub>2</sub> O <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.2 <b>Method:</b>	0

				Method 1	
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Diesel oil <b>Fuel usage:</b> combustion <b>Criterion:</b> A	0.3 kL	<b>EC (GJ/Unit):</b> 38.6 <b>Z (GJ):</b> 12	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 69.9 <b>Method:</b> Method 1	1
				<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.1 <b>Method:</b> Method 1	0
				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	<b>Fuel / Energy commodity:</b> Gasoline (other than for use as fuel in an aircraft) - Transport <b>Fuel usage:</b> combustion <b>Criterion:</b> A	6.7 kL	<b>EC (GJ/Unit):</b> 34.2 <b>Z (GJ):</b> 229	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 67.4 <b>Method:</b> Method 1	15
				<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.5 <b>Method:</b> Method 1	0
				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 1.8 <b>Method:</b> Method 1	0
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	<b>Fuel / Energy commodity:</b> Diesel oil - Transport <b>Fuel usage:</b> combustion <b>Criterion:</b> A	0.3 kL	<b>EC (GJ/Unit):</b> 38.6 <b>Z (GJ):</b> 12	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 69.9 <b>Method:</b> Method 1	1

				<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.1 <b>Method:</b> Method 1	0
				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.5 <b>Method:</b> Method 1	0
Source Total			471		30
Total			471		30

**SCOPE 2 EMISSIONS**

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase and loss of electricity from other sources	343,420	kWh	0.64	220
Total				220

**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	combustion	A	-	6.7	kL	34.2	229
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	-	0.3	kL	38.6	12
Total								241

**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	Liquefied petroleum gas	combustion	A	-	8.5	kL	25.7	218
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Diesel oil	combustion	A	-	0.3	kL	38.6	12
Total								230

**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 other sources	-	-	-	-	343,420	kWh	0.0036	1,236
Energy consumed (not combusted)	Electricity	non-combustion	-	-	152	GJ	1	152
Energy commodities	Solar energy for electricity generation	non-combustion	-	-	152	GJ	1	152
Total								1,540

**ELECTRICITY PRODUCED**

Activity Type	Usage	Amount	Units	Energy Content Factor (GJ/Unit)	Converted Energy Content Amount (GJ)
Electricity (solar generation)	For use onsite	42,359	kWh	0.0036	152
Total					152

## 9: HERSTON CAMPUS - FACILITY

Name	Herston Campus
Facility Street Address	Herston Rd HERSTON Queensland 4006 AUSTRALIA
Geographic Coordinates	Latitude 27.449S / Longitude 153.026E
Facility location	-
Activity location	Queensland
Location description	Herston Campus is a major medical, teaching and research campus. The University operates within the Royal Brisbane Hospital, Royal Children's Hospital, Royal Women's Hospital and Queensland Radium Institute. Herston Campus is also the location of the Mayne Medical School.
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
88	7,402	7,490

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)		
Energy Consumed Total	Energy Consumed Net	Energy Produced
35,889	35,455	434

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
88	-	-	-	-	-	88

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 CO <sub>2</sub> -e)	
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of gaseous fuels - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Natural gas distributed in a pipeline <b>Fuel usage:</b> combustion <b>Criterion:</b> A	1,707.9 GJ	<b>EC (GJ/Unit):</b> 1 <b>Z (GJ):</b> 1,708	<b>Gas:</b> CO <sub>2</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 51.4 <b>Method:</b> Method 1	88	
				<b>Gas:</b> CH <sub>4</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.1 <b>Method:</b>	0	

				Method 1	
				Gas: N2O EF (kg CO2-e / GJ): 0.03 Method: Method 1	0
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Diesel oil <b>Fuel usage:</b> combustion <b>Criterion:</b> BBB	0.08 KL	<b>EC (GJ/Unit):</b> 38.6 <b>Z (GJ):</b> 3	Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method: Method 1	0
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
Source Total			1,711		88
Total			1,711		88

SCOPE 2 EMISSIONS				
Activity Type	Amount	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	9,252,728	kWh	0.8	7,402
Total				7,402



## 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 gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	1,707.9	GJ	1	1,708
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Diesel oil	combustion	BBB	-	0.08	kL	38.6	3
Total								1,711

## 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	-	-	-	-	9,252,728	kWh	0.0036	33,310
Energy consumed (not combusted)	Electricity	non-combustion	-	-	434.46	GJ	1	434
Energy commodities	Solar energy for electricity generation	non-combustion	-	-	434.46	GJ	1	434
Total								34,178

## ELECTRICITY PRODUCED

Activity Type	Usage	Amount	Units	Energy Content Factor (GJ/Unit)	Converted Energy Content Amount (GJ)
Electricity (solar generation)	For use onsite	120,682.3	kWh	0.0036	434
Total					434

## 10: INDOOROPILLY MINE - FACILITY

Name	Indooroopilly Mine
Facility Street Address	Isles Road INDOOROPILLY Queensland 4068 AUSTRALIA
Geographic Coordinates	Latitude 27.504S / Longitude 152.956E
Facility location	-
Activity location	Queensland
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	885	885

## ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
3,982	3,982	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

## SCOPE 2 EMISSIONS

Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	1,106,145	kWh	0.8	885
Total				885

## 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	-	-	-	-	1,106,145	kWh	0.0036	3,982
Total								3,982

## 11: IPSWICH CLINICAL SCHOOL - FACILITY

Name	Ipswich Clinical School
Facility Street Address	1 Court Street Ipswich Queensland 4305 AUSTRALIA
Geographic Coordinates	Latitude 27.618S / Longitude 152.759E
Facility location	-
Activity location	Queensland
Location description	-
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

<b>Scope 1</b>	<b>Scope 2</b>	<b>Total of Scope 1 and Scope 2</b>
-	20	20

## ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

<b>Energy Consumed Total</b>	<b>Energy Consumed Net</b>	<b>Energy Produced</b>
88	88	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

## SCOPE 2 EMISSIONS

Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	24,432	kWh	0.8	20
Total				20

## 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	-	-	-	-	24,432	kWh	0.0036	88
Total								88

## 12: LONG POCKET SCIENCE SITE - FACILITY

Name	Long Pocket Science Site
Facility Street Address	80 Meiers Rd INDOOROPILLY Queensland 4068 AUSTRALIA
Geographic Coordinates	Latitude 27.509S / Longitude 152.995E
Facility location	-
Activity location	Queensland
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	1,539	1,539

## ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
6,929	6,929	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

## 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 CO <sub>2</sub> -e)
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of gaseous fuels - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Natural gas distributed in a pipeline <b>Fuel usage:</b> combustion <b>Criterion:</b> A	3.6 GJ	<b>EC (GJ/Unit):</b> 1 <b>Z (GJ):</b> 4	<b>Gas:</b> CO <sub>2</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 51.4 <b>Method:</b> Method 1	0
				<b>Gas:</b> CH <sub>4</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.1 <b>Method:</b> Method 1	0
				<b>Gas:</b> N <sub>2</sub> O <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.03 <b>Method:</b> Method 1	0

			Source Total	4
			Total	4
				-
				-

**SCOPE 2 EMISSIONS**

Activity Type	Amount	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	1,923,494	kWh	0.8	1,539
Total				1,539

**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 gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	3.6	GJ	1	4
Total								4

**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	-	-	-	-	1,923,494	kWh	0.0036	6,925
Energy consumed (not combusted)	Electricity	non-combustion	-	-	0	GJ	1	0
Energy commodities	Solar energy for electricity generation	non-combustion	-	-	0	GJ	1	0
Total								6,925

**ELECTRICITY PRODUCED**

Activity Type	Usage	Amount	Units	Energy Content Factor (GJ/Unit)	Converted Energy Content Amount (GJ)
Electricity (solar generation)	For use onsite	0	GJ	1	0
Total					0

## 13: MORETON BAY RESEARCH STATION - FACILITY

Name	Moreton Bay Research Station
Facility Street Address	37 Fraser St DUNWICH Queensland 4183 AUSTRALIA
Geographic Coordinates	Latitude 27.497S / Longitude 153.400E
Facility location	-
Activity location	Queensland
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
12	136	148

## ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
1,039	903	136

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
12	-	-	-	-	-	12

## 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 CO <sub>2</sub> -e)
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Diesel oil <b>Fuel usage:</b> combustion <b>Criterion:</b> BBB	0 kL	<b>EC (GJ/Unit):</b> 38.6 <b>Z (GJ):</b> -	<b>Gas:</b> CO <sub>2</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 69.9 <b>Method:</b> Method 1	0
				<b>Gas:</b> CH <sub>4</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.1 <b>Method:</b> Method 1	0
				<b>Gas:</b> N <sub>2</sub> O <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.2 <b>Method:</b>	0

				Method 1	
<p><b>Source category:</b> Fuel combustion</p> <p><b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation)</p> <p><b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p><b>Fuel / Energy commodity:</b> Gasoline (other than for use as fuel in an aircraft) - Transport</p> <p><b>Fuel usage:</b> combustion</p> <p><b>Criterion:</b> A</p>	3.7 KL	<p><b>EC (GJ/Unit):</b> 34.2</p> <p><b>Z (GJ):</b> 127</p>	<p><b>Gas:</b> CO2</p> <p><b>EF (kg CO2-e / GJ):</b> 67.4</p> <p><b>Method:</b> Method 1</p>	9
				<p><b>Gas:</b> CH4</p> <p><b>EF (kg CO2-e / GJ):</b> 0.5</p> <p><b>Method:</b> Method 1</p>	0
				<p><b>Gas:</b> N2O</p> <p><b>EF (kg CO2-e / GJ):</b> 1.8</p> <p><b>Method:</b> Method 1</p>	0
<p><b>Source category:</b> Fuel combustion</p> <p><b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation)</p> <p><b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p><b>Fuel / Energy commodity:</b> Diesel oil - Transport</p> <p><b>Fuel usage:</b> combustion</p> <p><b>Criterion:</b> A</p>	0.96 KL	<p><b>EC (GJ/Unit):</b> 38.6</p> <p><b>Z (GJ):</b> 37</p>	<p><b>Gas:</b> CO2</p> <p><b>EF (kg CO2-e / GJ):</b> 69.9</p> <p><b>Method:</b> Method 1</p>	3
				<p><b>Gas:</b> CH4</p> <p><b>EF (kg CO2-e / GJ):</b> 0.1</p> <p><b>Method:</b> Method 1</p>	0
				<p><b>Gas:</b> N2O</p> <p><b>EF (kg CO2-e / GJ):</b> 0.5</p> <p><b>Method:</b> Method 1</p>	0
Source Total			164		12
Total			164		12

**SCOPE 2 EMISSIONS**

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase and loss of electricity from main electricity grid in a	170,153	kWh	0.8	136





## 14: MT NEBO SEISMOGRAPH STATION - FACILITY

Name	Mt Nebo Seismograph Station
Facility Street Address	Seismograph Station Mt Nebo Rd MOUNT NEBO Queensland 4520 AUSTRALIA
Geographic Coordinates	Latitude 27.379S / Longitude 152.776E
Facility location	-
Activity location	Queensland
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	-	-

## ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
-	-	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

## SCOPE 2 EMISSIONS

Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	70	kWh	0.8	0
Total				0

## 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	-	-	-	-	70	kWh	1	0
Total								-

## 15: PHARMACY AUSTRALIA CENTRE OF EXCELLENCE - FACILITY

Name	Pharmacy Australia Centre of Excellence
Facility Street Address	20 Cornwall Street WOOLLOONGABBA Queensland 4102 AUSTRALIA
Geographic Coordinates	Latitude 27.499S / Longitude 153.030E
Facility location	-
Activity location	Queensland
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
79	3,677	3,756

## ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
20,445	19,266	1,179

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
79	-	-	-	-	-	79

## 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 CO <sub>2</sub> -e)
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of gaseous fuels - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Natural gas distributed in a pipeline <b>Fuel usage:</b> combustion <b>Criterion:</b> A	1,538.47 GJ	<b>EC (GJ/Unit):</b> 1 <b>Z (GJ):</b> 1,538	<b>Gas:</b> CO <sub>2</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 51.4 <b>Method:</b> Method 1	79
				<b>Gas:</b> CH <sub>4</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.1 <b>Method:</b> Method 1	0
				<b>Gas:</b> N <sub>2</sub> O <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.03 <b>Method:</b>	0

				Method 1	
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Diesel oil <b>Fuel usage:</b> combustion <b>Criterion:</b> BBB	0.05 kL	<b>EC (GJ/Unit):</b> 38.6 <b>Z (GJ):</b> 2	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 69.9 <b>Method:</b> Method 1	0
				<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.1 <b>Method:</b> Method 1	0
				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0
Source Total			1,540		79
<b>Source category:</b> Industrial processes <b>Source of emissions:</b> Emissions of hydrofluorocarbons and sulphur hexafluoride gases <b>Activity type:</b> Emissions of sulphur hexafluoride gases from gas insulated switchgear and circuit breaker applications	-	0.81 tonnes	-	<b>Gas:</b> SF6 <b>EF (kg CO2-e / GJ):</b> - <b>Method:</b> Method 1	0
				Source Total	
Total			1,540		79

## SCOPE 2 EMISSIONS

Activity Type	Amount	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	4,596,495	kWh	0.8	3,677
Total				3,677

## 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 gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	1,538.47	GJ	1	1,538
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Diesel oil	combustion	BBB	-	0.05	kL	38.6	2
Total								1,540

## 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	-	-	-	-	4,596,495	kWh	0.0036	16,547
Energy consumed (not combusted)	Electricity	non-combustion	-	-	1,178.7	GJ	1	1,179
Energy commodities	Solar energy for electricity generation	non-combustion	-	-	1,178.7	GJ	1	1,179
Total								18,905

## ELECTRICITY PRODUCED

Activity Type	Usage	Amount	Units	Energy Content Factor (GJ/Unit)	Converted Energy Content Amount (GJ)
Electricity (solar generation)	For use onsite	327,420.64	kWh	0.0036	1,179
Total					1,179

## 16: PINJARRA HILLS FARM - FACILITY

Name	Pinjarra Hills Farm
Facility Street Address	2436 Moggil Rd PINJARRA HILLS Queensland 4069 AUSTRALIA
Geographic Coordinates	Latitude 27.528S / Longitude 152.922E
Facility location	-
Activity location	Queensland
Location description	
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

### GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	328	328

### ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
1,718	1,584	134

### GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

### SCOPE 2 EMISSIONS

Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	409,378	kWh	0.8	328
			Total	328

**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	-	-	-	-	262,434	kWh	0.0036	945
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	8,559	kWh	0.0036	31
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	138,385	kWh	0.0036	498
Energy consumed (not combusted)	Electricity	non-combustion	-	-	121.9	GJ	1	122
Energy commodities	Solar energy for electricity generation	non-combustion	-	-	121.9	GJ	1	122
Total								1,718

**ELECTRICITY PRODUCED**

Activity Type	Usage	Amount	Units	Energy Content Factor (GJ/Unit)	Converted Energy Content Amount (GJ)
Electricity (solar generation)	For use offsite on grid	3,439.3	kWh	0.0036	12
Electricity (solar generation)	For use onsite	33,849.5	kWh	0.0036	122
Total					134

## 17: RURAL CLINICAL SCHOOL - BUNDABERG - FACILITY

Name	Rural Clinical School - Bundaberg
Facility Street Address	Bourbong St Bundaberg Queensland 4670 AUSTRALIA
Geographic Coordinates	Latitude 24.868S / Longitude 152.337E
Facility location	-
Activity location	Queensland
Location description	-
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

### GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	38	38

### ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
173	173	-

### GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

### SCOPE 2 EMISSIONS

Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	48,108	kWh	0.8	38
Total				38

### 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	-	-	-	-	48,108	kWh	0.0036	173
Total								173

## 18: RURAL CLINICAL SCHOOL - HERVEY BAY - FACILITY

Name	Rural Clinical School - Hervey Bay
Facility Street Address	2-4 Medical Place Urraween Queensland 4655 AUSTRALIA
Geographic Coordinates	Latitude 25.299S / Longitude 152.825E
Facility location	-
Activity location	Queensland
Location description	-
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

### GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	26	26

### ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
118	118	-

### GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

### SCOPE 2 EMISSIONS

Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	32,700	kWh	0.8	26
Total				26

### 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	-	-	-	-	32,700	kWh	0.0036	118
Total								118



## 19: RURAL CLINICAL SCHOOL - ROCKHAMPTON - FACILITY

Name	Rural Clinical School - Rockhampton
Facility Street Address	Cnr Cambridge & Canning St Rockhampton Queensland 4700 AUSTRALIA
Geographic Coordinates	Latitude 23.381S / Longitude 150.496E
Facility location	-
Activity location	Queensland
Location description	-
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

### GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	104	104

### ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
466	466	-

### GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

### SCOPE 2 EMISSIONS

Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	129,478	kWh	0.8	104
Total				104

### 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	-	-	-	-	129,478	kWh	0.0036	466
Total								466

## 20: RURAL CLINICAL SCHOOL - TOOWOOMBA - FACILITY

Name	Rural Clinical School - Toowoomba
Facility Street Address	152 West St TOOWOOMBA Queensland 4350 AUSTRALIA
Geographic Coordinates	Latitude 27.568S / Longitude 151.952E
Facility location	-
Activity location	Queensland
Location description	-
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	81	81

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)		
Energy Consumed Total	Energy Consumed Net	Energy Produced
363	363	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

SCOPE 2 EMISSIONS					
Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)	
Purchase and loss of electricity from main electricity grid in a State or Territory	100,852	kWh	0.8	81	
Total				81	

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	-	-	-	-	100,852	kWh	0.0036	363
Total								363

## 21: RURAL CLINICAL SCHOOL ACCOMMODATION SITES - AGGREGATED FACILITY

The University of Queensland is reporting aggregated greenhouse gas emissions and energy production and consumption data for two or more facilities under NGER Regulation 4.25. Any facility included in the facility aggregate has had all of its activity data reported against the facility aggregate.

Name	Rural Clinical School Accommodation Sites
ANZSIC Code	810 - Tertiary education
Total number of facilities in aggregate	24

### Facility Aggregate – Operational Control

The University of Queensland had operational control of the facility (Rural Clinical School Accommodation Sites) for the whole of the 2018 - 2019 reporting year.

The following tables summarise total greenhouse gas emissions from operation of the aggregated facilities during the reporting period.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
1	217	218

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)		
Energy Consumed Total	Energy Consumed Net	Energy Produced
988	988	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
1	-	-	-	-	-	1

### 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 CO <sub>2</sub> -e)
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Liquefied petroleum gas <b>Fuel usage:</b> combustion <b>Criterion:</b> A	0.35 kL	<b>EC (GJ/Unit):</b> 25.7 <b>Z (GJ):</b> 9	<b>Gas:</b> CO <sub>2</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 60.2 <b>Method:</b> Method 1	1
				<b>Gas:</b> CH <sub>4</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0
				<b>Gas:</b> N <sub>2</sub> O <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0

Source Total	9		1
Total	9		1

**SCOPE 2 EMISSIONS**

Activity Type	Amount	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	271,886	kWh	0.8	217
Total				217

**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	Liquefied petroleum gas	combustion	A	-	0.35	kL	25.7	9
Total								9

**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	-	-	-	-	186,266	kWh	0.0036	671
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	85,620	kWh	0.0036	308
Total								979

## 22: SOUTH QUEENSLAND RURAL HEALTH SITES - AGGREGATED FACILITY

The University of Queensland is reporting aggregated greenhouse gas emissions and energy production and consumption data for two or more facilities under NGER Regulation 4.25. Any facility included in the facility aggregate has had all of its activity data reported against the facility aggregate.

Name	South Queensland Rural Health Sites
ANZSIC Code	85 - Medical and other health care services
Total number of facilities in aggregate	9

### Facility Aggregate – Operational Control

The University of Queensland had operational control of the facility (South Queensland Rural Health Sites) for the whole of the 2018 - 2019 reporting year.

The following tables summarise total greenhouse gas emissions from operation of the aggregated facilities during the reporting period.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	39	39

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)		
Energy Consumed Total	Energy Consumed Net	Energy Produced
177	177	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

SCOPE 2 EMISSIONS				
Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	49,028	kWh	0.8	39
Total				39

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	-	-	-	-	49,028	kWh	0.0036	177
Total								177

## 23: ST LUCIA CAMPUS - FACILITY

Name	St Lucia Campus
Facility Street Address	UNIVERSITY OF QUEENSLAND UNIVERSITY OF QUEENSLAND Queensland 4072 AUSTRALIA
Geographic Coordinates	Latitude 27.497S / Longitude 153.011E
Facility location	-
Activity location	Queensland
Location description	This is The University of Queensland's main campus located at St Lucia, Queensland.
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	The University of Queensland
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 The University of Queensland.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
1,312	84,715	86,027

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)		
Energy Consumed Total	Energy Consumed Net	Energy Produced
421,095	411,625	9,470

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
1,296	4	12	-	-	-	1,312

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 CO <sub>2</sub> -e)
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of gaseous fuels - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Natural gas distributed in a pipeline <b>Fuel usage:</b> combustion <b>Criterion:</b> A	8,393.6 GJ	<b>EC (GJ/Unit):</b> 1 <b>Z (GJ):</b> 8,394	<b>Gas:</b> CO <sub>2</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 51.4 <b>Method:</b> Method 1	431
				<b>Gas:</b> CH <sub>4</sub> <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.1 <b>Method:</b> Method 1	1
				<b>Gas:</b> N <sub>2</sub> O <b>EF (kg CO<sub>2</sub>-e / GJ):</b> 0.03	0

				<b>Method:</b> Method 1	
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Diesel oil <b>Fuel usage:</b> combustion <b>Criterion:</b> BBB	0.479 kL	<b>EC (GJ/Unit):</b> 38.6 <b>Z (GJ):</b> 18	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 69.9 <b>Method:</b> Method 1	1
				<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.1 <b>Method:</b> Method 1	0
				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Diesel oil <b>Fuel usage:</b> combustion <b>Criterion:</b> BBB	0.95 kL	<b>EC (GJ/Unit):</b> 38.6 <b>Z (GJ):</b> 37	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 69.9 <b>Method:</b> Method 1	3
				<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.1 <b>Method:</b> Method 1	0
				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	<b>Fuel / Energy commodity:</b> Diesel oil <b>Fuel usage:</b> combustion <b>Criterion:</b> BBB	0.13 kL	<b>EC (GJ/Unit):</b> 38.6 <b>Z (GJ):</b> 5	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 69.9 <b>Method:</b> Method 1	0

				<p><b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.1 <b>Method:</b> Method 1</p>	0
				<p><b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1</p>	0
<p><b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes</p>	<p><b>Fuel / Energy commodity:</b> Liquefied petroleum gas <b>Fuel usage:</b> combustion <b>Criterion:</b> A</p>	<p>1.042 kL</p>	<p><b>EC (GJ/Unit):</b> 25.7 <b>Z (GJ):</b> 27</p>	<p><b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 60.2 <b>Method:</b> Method 1</p>	2
				<p><b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1</p>	0
				<p><b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1</p>	0
<p><b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p><b>Fuel / Energy commodity:</b> Gasoline (other than for use as fuel in an aircraft) - Transport <b>Fuel usage:</b> combustion <b>Criterion:</b> AA</p>	<p>130.41 kL</p>	<p><b>EC (GJ/Unit):</b> 34.2 <b>Z (GJ):</b> 4,460</p>	<p><b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 67.4 <b>Method:</b> Method 1</p>	301
				<p><b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.5 <b>Method:</b> Method 1</p>	2
					8



				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 1.8 <b>Method:</b> Method 1	
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	<b>Fuel / Energy commodity:</b> Diesel oil - Transport <b>Fuel usage:</b> combustion <b>Criterion:</b> AA	206.56 kL	<b>EC (GJ/Unit):</b> 38.6 <b>Z (GJ):</b> 7,973	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 69.9 <b>Method:</b> Method 1	557
				<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.1 <b>Method:</b> Method 1	1
				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.5 <b>Method:</b> Method 1	4
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	<b>Fuel / Energy commodity:</b> Liquefied petroleum gas - Transport <b>Fuel usage:</b> combustion <b>Criterion:</b> A	0.353 kL	<b>EC (GJ/Unit):</b> 26.2 <b>Z (GJ):</b> 9	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 60.2 <b>Method:</b> Method 1	1
				<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.6 <b>Method:</b> Method 1	0
				<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.7 <b>Method:</b> Method 1	0
<b>Source category:</b> Fuel combustion	<b>Fuel / Energy commodity:</b> Liquefied petroleum gas -	0.14 kL	<b>EC (GJ/Unit):</b>	<b>Gas:</b> CO2	0

<b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Transport <b>Fuel usage:</b> combustion <b>Criterion:</b> BBB		26.2 <b>Z (GJ):</b> 4	<b>EF (kg CO2-e / GJ):</b> 60.2 <b>Method:</b> Method 1			
			<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.6 <b>Method:</b> Method 1	0			
			<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.7 <b>Method:</b> Method 1	0			
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	<b>Fuel / Energy commodity:</b> Ethanol for use as a fuel in an internal combustion engine - Transport post-2004 <b>Fuel usage:</b> combustion <b>Criterion:</b> A	0.532 kL	<b>EC (GJ/Unit):</b> 23.4 <b>Z (GJ):</b> 12	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 0 <b>Method:</b> Method 1	0		
			<b>Gas:</b> CH4 <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0			
			<b>Gas:</b> N2O <b>EF (kg CO2-e / GJ):</b> 0.2 <b>Method:</b> Method 1	0			
<b>Source category:</b> Fuel combustion <b>Source of emissions:</b> Stationary and Transport energy purposes (excluding electricity generation) <b>Activity type:</b> Emissions released from combustion of petroleum based oils or greases	<b>Fuel / Energy commodity:</b> Petroleum based oils (other than petroleum based oil used as fuel) <b>Fuel usage:</b> combustion <b>Criterion:</b> A	0 kL	<b>EC (GJ/Unit):</b> 38.8 <b>Z (GJ):</b> -	<b>Gas:</b> CO2 <b>EF (kg CO2-e / GJ):</b> 13.9 <b>Method:</b> Method 1	0		
			Source Total		20,939		1,312
			<b>Source category:</b> Industrial processes	-	8 tonnes	-	<b>Gas:</b> SF6

<b>Source of emissions:</b> Emissions of hydrofluorocarbons and sulphur hexafluoride gases <b>Activity type:</b> Emissions of sulphur hexafluoride gases from gas insulated switchgear and circuit breaker applications				<b>EF (kg CO2-e / GJ):</b> - <b>Method:</b> Method 1	
Source Total			-		-
Total			20,939		1,312

**SCOPE 2 EMISSIONS**

Activity Type	Amount	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	105,893,247	kWh	0.8	84,715
Total				84,715

## 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	combustion	AA	-	130.41	kL	34.2	4,460
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	AA	-	206.56	kL	38.6	7,973
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Liquefied petroleum gas - Transport	combustion	A	-	0.353	kL	26.2	9
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Liquefied petroleum gas - Transport	combustion	BBB	-	0.14	kL	26.2	4
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	-	0.532	kL	23.4	12
Total								12,458

## 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 gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline	combustion	A	-	8,393.6	GJ	1	8,394
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Diesel oil	combustion	BBB	-	0.479	kL	38.6	18
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Diesel oil	combustion	BBB	-	0.95	kL	38.6	37
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Diesel oil	combustion	BBB	-	0.13	kL	38.6	5
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas	combustion	A	-	1.042	kL	25.7	27
Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel)	combustion	A	-	0	kL	38.8	0
Total								8,481

**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	-	-	-	-	105,893,247	kWh	0.0036	381,216
Energy consumed (not combusted)	Electricity	non-combustion	-	-	9,470.02	GJ	1	9,470
Energy commodities	Solar energy for electricity generation	non-combustion	-	-	9,470.02	GJ	1	9,470
Total								400,156

**ELECTRICITY PRODUCED**

Activity Type	Usage	Amount	Units	Energy Content Factor (GJ/Unit)	Converted Energy Content Amount (GJ)
Electricity (solar generation)	For use onsite	2,630,562.2	kWh	0.0036	9,470
Total					9,470

## 24: ST LUCIA OFF-CAMPUS SITES - AGGREGATED FACILITY

The University of Queensland is reporting aggregated greenhouse gas emissions and energy production and consumption data for two or more facilities under NGER Regulation 4.25. Any facility included in the facility aggregate has had all of its activity data reported against the facility aggregate.

Name	St Lucia Off-Campus Sites
ANZSIC Code	810 - Tertiary education
Total number of facilities in aggregate	0

### Facility Aggregate – Operational Control

The University of Queensland had operational control of the facility (St Lucia Off-Campus Sites) for the whole of the 2018 - 2019 reporting year.

The following tables summarise total greenhouse gas emissions from operation of the aggregated facilities during the reporting period.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	634	634

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)		
Energy Consumed Total	Energy Consumed Net	Energy Produced
2,855	2,855	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

SCOPE 2 EMISSIONS				
Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	792,997	kWh	0.8	634
Total				634

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	-	-	-	-	792,997	kWh	0.0036	2,855
Total								2,855

**25: THE TRUSTEE FOR IMBCOM ASSET TRUST - GROUP MEMBER**

Name	THE TRUSTEE FOR IMBCOM ASSET TRUST
Australian Business Number (ABN)	64070165179
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-

**GREENHOUSE GAS EMISSIONS (t CO2-e)**

<b>Scope 1</b>	<b>Scope 2</b>	<b>Total of Scope 1 and Scope 2</b>
-	-	-

**ENERGY PRODUCED AND ENERGY CONSUMED (GJ)**

<b>Energy Consumed Total</b>	<b>Energy Consumed Net</b>	<b>Energy Produced</b>
-	-	-

**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: THE TRUSTEE FOR UNIVERSITY OF QUEENSLAND FOUNDATION TRUST - GROUP MEMBER

Name	THE TRUSTEE FOR UNIVERSITY OF QUEENSLAND FOUNDATION TRUST
Australian Business Number (ABN)	99437837966
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-

### GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

<b>Scope 1</b>	<b>Scope 2</b>	<b>Total of Scope 1 and Scope 2</b>
-	-	-

### ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

<b>Energy Consumed Total</b>	<b>Energy Consumed Net</b>	<b>Energy Produced</b>
-	-	-

### GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-



**27: THE TRUSTEE FOR UQ INVESTMENT TRUST - GROUP MEMBER**

Name	THE TRUSTEE FOR UQ INVESTMENT TRUST
Australian Business Number (ABN)	41210940457
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-

**GREENHOUSE GAS EMISSIONS (t CO2-e)**

<b>Scope 1</b>	<b>Scope 2</b>	<b>Total of Scope 1 and Scope 2</b>
-	-	-

**ENERGY PRODUCED AND ENERGY CONSUMED (GJ)**

<b>Energy Consumed Total</b>	<b>Energy Consumed Net</b>	<b>Energy Produced</b>
-	-	-

**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
-	-	-	-	-	-	-

**28: UQ HOLDINGS PTY LTD - GROUP MEMBER**

Name	UQ HOLDINGS PTY LTD
Australian Business Number (ABN)	25056673164
Australian Company Number (ACN)	056673164
Australian Registered Body Number (ARBN)	-
Trading Name	-

The following tables summarise total greenhouse gas emissions and energy data for all facilities that were under the operational control of this group member during the reporting period.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	-	-

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

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

**29: IMBCOM PTY LTD - GROUP MEMBER**

Name	IMBCOM PTY LTD
Australian Business Number (ABN)	30094733909
Australian Company Number (ACN)	094733909
Australian Registered Body Number (ARBN)	-
Trading Name	-

The following tables summarise total greenhouse gas emissions and energy data for all facilities that were under the operational control of this group member during the reporting period.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	-	-

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

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

**30: IMBCOM ASSET MANAGEMENT COMPANY PTY LTD - GROUP MEMBER**

Name	IMBCOM ASSET MANAGEMENT COMPANY PTY LTD
Australian Business Number (ABN)	-
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	IMB Asset Trust
Street address line 1	The University of Queensland
Street address line 2	-
Street address line 3	-
Street city/suburb	St Lucia
Street state	Queensland
Street postcode	4076
Street country	AUSTRALIA

**GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)**

Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	-	-

**ENERGY PRODUCED AND ENERGY CONSUMED (GJ)**

Energy Consumed Total	Energy Consumed Net	Energy Produced
-	-	-

**GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)**

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

**31: KALThERA PTY LTD - GROUP MEMBER**

Name	KALThERA PTY LTD
Australian Business Number (ABN)	48098597776
Australian Company Number (ACN)	098597776
Australian Registered Body Number (ARBN)	-
Trading Name	-

**GREENHOUSE GAS EMISSIONS (t CO2-e)**

Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	-	-

**ENERGY PRODUCED AND ENERGY CONSUMED (GJ)**

Energy Consumed Total	Energy Consumed Net	Energy Produced
-	-	-

**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
-	-	-	-	-	-	-

**32: JKTECH PTY LTD - GROUP MEMBER**

Name	JKTECH PTY LTD
Australian Business Number (ABN)	67096091619
Australian Company Number (ACN)	096091619
Australian Registered Body Number (ARBN)	-
Trading Name	-

**GREENHOUSE GAS EMISSIONS (t CO2-e)**

<b>Scope 1</b>	<b>Scope 2</b>	<b>Total of Scope 1 and Scope 2</b>
-	-	-

**ENERGY PRODUCED AND ENERGY CONSUMED (GJ)**

<b>Energy Consumed Total</b>	<b>Energy Consumed Net</b>	<b>Energy Produced</b>
-	-	-

**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
-	-	-	-	-	-	-

**33: UNIQUEST PTY LIMITED - GROUP MEMBER**

Name	UNIQUEST PTY LIMITED
Australian Business Number (ABN)	19010529898
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-

The following tables summarise total greenhouse gas emissions and energy data for all facilities that were under the operational control of this group member during the reporting period.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	-	-

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

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

**34: DENDRIGHT PTY LTD - GROUP MEMBER**

Name	DENDRIGHT PTY LTD
Australian Business Number (ABN)	71107527131
Australian Company Number (ACN)	107527131
Australian Registered Body Number (ARBN)	-
Trading Name	-

**GREENHOUSE GAS EMISSIONS (t CO2-e)**

<b>Scope 1</b>	<b>Scope 2</b>	<b>Total of Scope 1 and Scope 2</b>
-	-	-

**ENERGY PRODUCED AND ENERGY CONSUMED (GJ)**

<b>Energy Consumed Total</b>	<b>Energy Consumed Net</b>	<b>Energy Produced</b>
-	-	-

**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
-	-	-	-	-	-	-



**35: LEXIMANCER PTY LTD - GROUP MEMBER**

Name	LEXIMANCER PTY LTD
Australian Business Number (ABN)	86116218109
Australian Company Number (ACN)	116218109
Australian Registered Body Number (ARBN)	-
Trading Name	-

**GREENHOUSE GAS EMISSIONS (t CO2-e)**

<b>Scope 1</b>	<b>Scope 2</b>	<b>Total of Scope 1 and Scope 2</b>
-	-	-

**ENERGY PRODUCED AND ENERGY CONSUMED (GJ)**

<b>Energy Consumed Total</b>	<b>Energy Consumed Net</b>	<b>Energy Produced</b>
-	-	-

**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
-	-	-	-	-	-	-

**36: LUCIA PUBLISHING SYSTEMS PTY LTD - GROUP MEMBER**

Name	LUCIA PUBLISHING SYSTEMS PTY LTD
Australian Business Number (ABN)	77113527254
Australian Company Number (ACN)	113527254
Australian Registered Body Number (ARBN)	-
Trading Name	-

**GREENHOUSE GAS EMISSIONS (t CO2-e)**

<b>Scope 1</b>	<b>Scope 2</b>	<b>Total of Scope 1 and Scope 2</b>
-	-	-

**ENERGY PRODUCED AND ENERGY CONSUMED (GJ)**

<b>Energy Consumed Total</b>	<b>Energy Consumed Net</b>	<b>Energy Produced</b>
-	-	-

**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
-	-	-	-	-	-	-

**37: NEO-REHAB PTY LTD - GROUP MEMBER**

Name	NEO-REHAB PTY LTD
Australian Business Number (ABN)	64136101016
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-

**GREENHOUSE GAS EMISSIONS (t CO2-e)**

<b>Scope 1</b>	<b>Scope 2</b>	<b>Total of Scope 1 and Scope 2</b>
-	-	-

**ENERGY PRODUCED AND ENERGY CONSUMED (GJ)**

<b>Energy Consumed Total</b>	<b>Energy Consumed Net</b>	<b>Energy Produced</b>
-	-	-

**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
-	-	-	-	-	-	-

**38: SYMBIOSIS GROUP PTY LTD - GROUP MEMBER**

Name	SYMBIOSIS GROUP PTY LTD
Australian Business Number (ABN)	63108203498
Australian Company Number (ACN)	108203498
Australian Registered Body Number (ARBN)	-
Trading Name	-

**GREENHOUSE GAS EMISSIONS (t CO2-e)**

<b>Scope 1</b>	<b>Scope 2</b>	<b>Total of Scope 1 and Scope 2</b>
-	-	-

**ENERGY PRODUCED AND ENERGY CONSUMED (GJ)**

<b>Energy Consumed Total</b>	<b>Energy Consumed Net</b>	<b>Energy Produced</b>
-	-	-

**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
-	-	-	-	-	-	-

**39: UWAT PTY LTD - GROUP MEMBER**

Name	UWAT PTY LTD
Australian Business Number (ABN)	-
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	UWAT
Street address line 1	UQ St Lucia Campus
Street address line 2	-
Street address line 3	-
Street city/suburb	St Lucia
Street state	Queensland
Street postcode	4072
Street country	AUSTRALIA

**GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)**

<b>Scope 1</b>	<b>Scope 2</b>	<b>Total of Scope 1 and Scope 2</b>
-	-	-

**ENERGY PRODUCED AND ENERGY CONSUMED (GJ)**

<b>Energy Consumed Total</b>	<b>Energy Consumed Net</b>	<b>Energy Produced</b>
-	-	-

**GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)**

<b>Carbon Dioxide CO<sub>2</sub></b>	<b>Methane CH<sub>4</sub></b>	<b>Nitrous Oxide N<sub>2</sub>O</b>	<b>Perfluorocarbons PFCs</b>	<b>Hydro Fluoro Carbons HFCs</b>	<b>Sulphur Hexafluoride SF<sub>6</sub></b>	<b>Total</b>
-	-	-	-	-	-	-

**40: UQ COLLEGE LIMITED - GROUP MEMBER**

Name	UQ COLLEGE LIMITED
Australian Business Number (ABN)	28142912614
Australian Company Number (ACN)	142912614
Australian Registered Body Number (ARBN)	-
Trading Name	-

**GREENHOUSE GAS EMISSIONS (t CO2-e)**

<b>Scope 1</b>	<b>Scope 2</b>	<b>Total of Scope 1 and Scope 2</b>
-	-	-

**ENERGY PRODUCED AND ENERGY CONSUMED (GJ)**

<b>Energy Consumed Total</b>	<b>Energy Consumed Net</b>	<b>Energy Produced</b>
-	-	-

**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
-	-	-	-	-	-	-

**41: UQ HEALTH CARE LIMITED - GROUP MEMBER**

Name	UQ HEALTH CARE LIMITED
Australian Business Number (ABN)	42145286862
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-

The following tables summarise total greenhouse gas emissions and energy data for all facilities that were under the operational control of this group member during the reporting period.

GREENHOUSE GAS EMISSIONS (t CO <sub>2</sub> -e)		
Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	-	-

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

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO <sub>2</sub> -e)						
Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

## 42: GP SUPER CLINIC MEADOWBROOK - FACILITY

Name	GP Super Clinic Meadowbrook
Facility Street Address	260 Loganlea Road Meadowbrook Queensland 4131 AUSTRALIA
Geographic Coordinates	Latitude 27.667S / Longitude 153.140E
Facility location	-
Activity location	Queensland
Location description	-
Activity description	-
ANZSIC Code	810 - Tertiary education
Operational Control	UQ HEALTH CARE LIMITED
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
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 UQ HEALTH CARE LIMITED.

GREENHOUSE GAS EMISSIONS (t CO<sub>2</sub>-e)

Scope 1	Scope 2	Total of Scope 1 and Scope 2
-	-	-

## ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

Energy Consumed Total	Energy Consumed Net	Energy Produced
-	-	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO<sub>2</sub>-e)

Carbon Dioxide CO <sub>2</sub>	Methane CH <sub>4</sub>	Nitrous Oxide N <sub>2</sub> O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF <sub>6</sub>	Total
-	-	-	-	-	-	-

## SCOPE 2 EMISSIONS

Activity Type	Amount	Units	Emission Factor (kg CO <sub>2</sub> -e / unit)	Scope 2 Emissions (t CO <sub>2</sub> -e)
Purchase and loss of electricity from main electricity grid in a State or Territory	0	kWh	0.8	0
Total				0

## 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	-	-	-	-	0	kWh	1	0
Total								-



## 43: UQ SPORT LTD - GROUP MEMBER

Name	UQ SPORT LTD
Australian Business Number (ABN)	25135537183
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-

## GREENHOUSE GAS EMISSIONS (t CO2-e)

<b>Scope 1</b>	<b>Scope 2</b>	<b>Total of Scope 1 and Scope 2</b>
-	-	-

## ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

<b>Energy Consumed Total</b>	<b>Energy Consumed Net</b>	<b>Energy Produced</b>
-	-	-

## 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
-	-	-	-	-	-	-

## 44: UQH FINANCE PTY LTD - GROUP MEMBER

Name	UQH FINANCE PTY LTD
Australian Business Number (ABN)	93166213350
Australian Company Number (ACN)	166213350
Australian Registered Body Number (ARBN)	-
Trading Name	-

## GREENHOUSE GAS EMISSIONS (t CO2-e)

<b>Scope 1</b>	<b>Scope 2</b>	<b>Total of Scope 1 and Scope 2</b>
-	-	-

## ENERGY PRODUCED AND ENERGY CONSUMED (GJ)

<b>Energy Consumed Total</b>	<b>Energy Consumed Net</b>	<b>Energy Produced</b>
-	-	-

## 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
-	-	-	-	-	-	-

## CORPORATE GROUP THRESHOLD MET

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The corporate group of The University of Queensland 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).

## AGGREGATED FACILITY DATA

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This Report contains aggregate values on more than 1 facility of the corporation whose operation, in a reporting year:(a) emits greenhouse gases with a carbon dioxide equivalence of less than 25 kilotonnes; and (b) consumes less than 100 terajoules of energy; and (c) produces less than 100 terajoules of energy; and (d) all of those facilities are within 1 State or Territory and are attributable to 1 industry sector in accordance with Subdivisions 2.4.2 and 2.4.3 of Division 2.4 of Part 2 of the NGER Regulations.

## PRIVACY STATEMENT

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### 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](http://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

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*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 report*

It is the responsibility of the reporting entity to ensure that the information provided in the Report is prepared in accordance with the requirements set out in the NGER Act and the *National Greenhouse and Energy Reporting Regulations 2008* (the NGER Regulations) and that the data it contains is based on methods prescribed in the *National Greenhouse and Energy Reporting (Measurement) Determination 2008* (the 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 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 \$210.

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 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 *National Greenhouse and Energy Reporting Act 2007*;
- the information provided in this 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 *National Greenhouse and Energy Reporting Act 2007*;
- the information provided in this Report has been prepared and supplied in accordance with the requirements set out in the *National Greenhouse and Energy Reporting Act 2007*, the *National Greenhouse and Energy Reporting Regulations 2008* and the *National Greenhouse and Energy Reporting (Measurement) Determination 2008*;
- they are duly authorised to act, including submitting this report, on behalf of the reporting entity;
- the Clean Energy Regulator may compel or conduct an audit of the information contained in this report or in relation to compliance with the *National Greenhouse and Energy Reporting Act 2007* or the *National Greenhouse and Energy Reporting Regulations 2008*;
- the Clean Energy Regulator may request further clarification or documentation to verify the information supplied in this Report; and
- the entity providing the report and each group member (if any) listed in the report is a body corporate.