



NATIONAL GREENHOUSE AND ENERGY REPORT

GWA Group Ltd

FOR THE REPORTING PERIOD 01/07/2011 - 30/06/2012

PART A

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

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

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

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

Submitting the Report

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

CORPORATION DETAILS

Reporting Entity name:	GWA Group Ltd
Identifying Details:	ABN: 15 055 964 380
Chief Executive Officer (or equivalent):	Mr Peter Charles Crowley

Corporation Head Office Street Address:

**Level 2 HQ - South Tower
520 Wickham Street
FORTITUDE VALLEY, QLD 4006, AUSTRALIA**

Corporation Postal Address:

**Level 2 HQ - South Tower
520 Wickham Street
FORTITUDE VALLEY, QLD 4006, AUSTRALIA**



CEO (or equivalent) details:

Name: Mr Peter Charles Crowley
Position: Managing Director
Address: Level 2 HQ - South Tower
520 Wickham Street
FORTITUDE VALLEY, QLD 4006,
AUSTRALIA
Phone: 0730085073
Email: pcrowley@gwagroup.com.au

Contact Person details:

Name: Mr Neil Gregory Dow
Position: Group Risk and Procurement
Manager
Address: 222 Park Street
SOUTH MELBOURNE, VIC 3205,
AUSTRALIA
Phone: 0392061402
Email: ndow@gwagroup.com.au



GREENHOUSE GAS EMISSIONS AND ENERGY TOTALS FOR THE REPORTING PERIOD
01/07/2011 - 30/06/2012

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

	GHG EMISSIONS			ENERGY	
	Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
Actual	11,113	26,235	37,347	309,459	0
% Value Converted to Value	0	0	0	0	0
Corporation Total:	11,113	26,235	37,347	309,459	0

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

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



STATEMENTS

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

Corporate group threshold met:

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

VALIDATION WARNINGS

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

INFORMATION MESSAGES

This report contained 0 information messages listed in Part B of the Report.



PRIVACY STATEMENT

Personal Information

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

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

In compliance with the Privacy Act, the Regulator has appropriate measures in place to ensure that personal information is protected. Measures include procedures and systems for the receipt, management and storage of personal information and ongoing monitoring of these arrangements.

Disclosure of information

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

Information may be disclosed for the following purposes:

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

The full Privacy Statement for the Clean Energy Regulator is available online at <http://www.cleanenergyregulator.gov.au/pages/Privacy.aspx>

If you have further questions on privacy of information collected under the NGER Act, please contact the Regulator on 1300 553 542.



DECLARATION

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

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

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

In order to assist reporting entities to comply with their reporting obligations under the NGER Act and NGER Regulations, NGER Guidance material has been developed by the Commonwealth and is available of the Clean Energy Regulator's website: www.cleanenergyregulator.gov.au/National-Greenhouse-and-Energy-Reporting/Pages/default.aspx. NGER Guidance material can be used in conjunction with the NGER Technical Guidelines, which were developed to assist stakeholders understand and apply the NGER (Measurement) Determination.

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

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

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

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

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

Name of CEO (or equivalent) (in full)

Signature of CEO (or equivalent)

Date



Where the CEO has not signed this report:

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

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



Australian Government
Clean Energy Regulator

COMMERCIAL-IN-CONFIDENCE

Registration Application No.: R090729-00395

ABN: 15 055 964 380

File Number: 2009/1443

Reporting Year: 2011/12

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

Post the signed Part A to:

National Greenhouse and Energy Reporting
Clean Energy Regulator
GPO Box 621
CANBERRA ACT 2601

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

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



NATIONAL GREENHOUSE AND ENERGY REPORT

GWA Group Ltd

FOR THE REPORTING PERIOD 01/07/2011 - 30/06/2012

PART B

Head Office Postal Address:

Level 2 HQ - South Tower
520 Wickham Street
FORTITUDE VALLEY, QLD 4006, AUSTRALIA

Head Office Street Address:

Level 2 HQ - South Tower
520 Wickham Street
FORTITUDE VALLEY, QLD 4006, AUSTRALIA

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

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

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

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

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

Submitting the Report

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

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



GREENHOUSE GAS EMISSIONS AND ENERGY TOTALS FOR THE REPORTING PERIOD

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

	GHG EMISSIONS			ENERGY	
	Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
Actual	11,113	26,235	37,347	309,459	0
% Value Converted to Value	0	0	0	0	0
Corporation Total:	11,113	26,235	37,347	309,459	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
11,050	22	29	0	12	0	11,113



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

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

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

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

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

REPORTING ASSESSMENT OF UNCERTAINTY

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

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

Assessment of Uncertainty: 2.87%



STATEMENTS

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

Corporate group threshold met:

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



CORPORATE SUMMARY

Scope 1 Greenhouse Gas Emissions Summary

Source Name	Activity Data Name	Activity Data Context Name	Amount	Unit	Scope 1 (t CO ₂ -e)
Industrial Refrigeration	Industrial refrigeration - HFC stock	Synthetic Gases	0	tonnes	12
Other Stationary	Diesel Oil	Non-transport	4	kL	12
Other Stationary	Liquefied natural gas	Non-transport	1	kL	1
Other Stationary	Liquefied petroleum gas	Non-transport	113	kL	173
Other Stationary	Natural gas distributed in a pipeline	Non-transport	162,000	GJ	8,315
Other Stationary	Other gaseous fossil fuels	Non-transport	224	m ³	0
Other Stationary	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	1	kL	1
Transport	Diesel Oil	Transport	133	kL	358
Transport	Diesel Oil	Transport - Post 2004 vehicles	82	kL	220
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	178	kL	423
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	665	kL	1,523
Transport	Liquefied petroleum gas	Transport	1	kL	2
Transport	Liquefied petroleum gas	Transport - Post 2004 vehicles	46	kL	72
TOTAL:					11,113

Scope 2 Greenhouse Gas Emissions Summary

Source Name	Activity Data Name	Activity Data Context Name	Amount	Unit	Scope 2 (t CO ₂ -e)
Energy commodities	Electricity	Energy commodity	29,192,197	kWh	26,235
TOTAL:					26,235



Energy Consumption Summary

Source Name	Activity Type	Activity Type Context	Amount	Unit	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity	29,192,197	kWh	105,092
Energy consumed (not combusted)	Other gaseous fossil fuels	Non-transport	54	m ³	2
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	23	kL	900
Other Stationary	Natural gas distributed in a pipeline	Non-transport	162,000	GJ	162,000
Other Stationary	Liquefied natural gas	Non-transport	1	kL	23
Other Stationary	Other gaseous fossil fuels	Non-transport	224	m ³	9
Other Stationary	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	1	kL	31
Other Stationary	Diesel Oil	Non-transport	4	kL	172
Other Stationary	Liquefied petroleum gas	Non-transport	113	kL	2,894
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	178	kL	6,083
Transport	Diesel Oil	Transport	133	kL	5,117
Transport	Liquefied petroleum gas	Transport	1	kL	37
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	665	kL	22,751
Transport	Diesel Oil	Transport - Post 2004 vehicles	82	kL	3,148
Transport	Liquefied petroleum gas	Transport - Post 2004 vehicles	46	kL	1,199
TOTAL:					309,459

Energy Production Summary

Methods of Production	Produced for the operation of the facility	Units	Produced for use outside the operation of the facility	Units	Produced for supply to an electricity transmission or distribution network	Units	Converted Amount (GJ)
TOTAL:							0



CORPORATE STRUCTURE (TABLE OF CONTENTS) INCLUDING EMISSIONS SUMMARY

Emissions Summary By Facility			GHG EMISSIONS			ENERGY	
Document Reference Number	Entity Name	Entity Type	Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
1	GWA - QLD - Market St HO	Facility	0	0	0	0	0
2	GWA - QLD - Wickham St HO	Facility	5	3	8	89	0
3	Brivis Climate Systems	Group Member	535	1,946	2,480	14,692	0
3.1	Brivis - VIC - Braeside	Facility	535	1,946	2,480	14,692	0
4	Caroma Industries Ltd	Group Member	5,842	14,101	19,943	172,192	0
4.1	Caroma Dorf - NSW - Epping	Facility	236	363	599	4,992	0
4.2	Caroma Dorf - NSW - Huntingwood	Facility	0	0	0	0	0
4.3	Caroma Dorf - NSW - Revesby	Facility	19	553	572	2,529	0
4.4	Caroma Dorf - NSW - Wetherill Park	Facility	5,108	8,541	13,649	133,813	0
4.5	Caroma Dorf - QLD - Ascot	Facility	0	0	0	0	0
4.6	Caroma Dorf - QLD - Eagle Farm	Facility	169	304	473	3,762	0
4.7	Caroma Dorf - SA - Glynde	Facility	0	5	5	28	0
4.8	Caroma Dorf - SA - Norwood	Facility	86	3,761	3,846	21,659	0
4.9	Caroma Dorf - TAS - Launceston	Facility	0	13	13	162	0
4.10	Caroma Dorf - VIC - Pascoe Vale	Facility	7	174	182	633	0
4.11	Caroma Dorf - VIC - South Melbourne	Facility	156	253	409	3,083	0
4.12	Caroma Dorf - WA - Osborne Park	Facility	62	133	195	1,530	0
4.13	Caroma Dorf Casula (temp Warehouse)	Facility	0	0	0	0	0
5	Dux Manufacturing Ltd	Group Member	2,504	4,611	7,115	64,704	0
5.1	Dux - NSW - Moss Vale	Facility	2,181	4,487	6,668	59,529	0
5.2	Dux - NSW - Newington	Facility	117	67	184	1,998	0
5.3	Dux - QLD - Bowen Hills	Facility	0	0	0	0	0



CORPORATE STRUCTURE (TABLE OF CONTENTS) INCLUDING EMISSIONS SUMMARY

Emissions Summary By Facility			GHG EMISSIONS			ENERGY	
Document Reference Number	Entity Name	Entity Type	Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
5.4	Dux - QLD - Wacol	Facility	78	0	78	1,116	0
5.5	Dux - SA - Kent Town	Facility	36	0	36	530	0
5.6	Dux - SA - Norwood	Facility	0	0	0	0	0
5.7	Dux - VIC - Clayton	Facility	0	0	0	0	0
5.8	Dux - VIC - Clayton North	Facility	75	50	125	1,247	0
5.9	Dux - WA - Balcatta	Facility	17	7	24	285	0
6	Gainsborough Hardware Industries Ltd	Group Member	1,507	3,678	5,185	38,785	0
6.1	Gainsborough - NSW - Taren Point	Facility	91	12	103	1,407	0
6.2	Gainsborough - QLD - Stones Corner	Facility	70	34	104	1,187	0
6.3	Gainsborough - SA - Vale Park	Facility	24	0	24	363	0
6.4	Gainsborough - VIC - (Austral) Brooklyn - Export Drive	Facility	596	766	1,362	13,942	0
6.5	Gainsborough - VIC - (Austral) South Melbourne	Facility	0	0	0	0	0
6.6	Gainsborough - VIC - Blackburn - 15-33 Alfred Street	Facility	0	898	898	2,673	0
6.7	Gainsborough - VIC - Blackburn - 190 Whitehorse Rd	Facility	197	1,749	1,946	8,492	0
6.8	Gainsborough - VIC - Blackburn - 9 Alfred Street	Facility	333	0	333	6,495	0
6.9	Gainsborough - VIC - Kyneton	Facility	140	178	318	3,217	0
6.10	Gainsborough - WA - Malaga	Facility	55	41	96	1,009	0
7	Gliderol International Pty Ltd	Group Member	683	974	1,657	14,711	0
7.1	Gliderol - NSW - Newcastle	Facility	31	34	65	589	0
7.2	Gliderol - SA - Holden Hill	Facility	115	374	489	3,834	0
7.3	Gliderol Banyo	Facility	155	145	300	2,840	0
7.4	Gliderol Bunbury	Facility	5	9	15	120	0



CORPORATE STRUCTURE (TABLE OF CONTENTS) INCLUDING EMISSIONS SUMMARY

Emissions Summary By Facility			GHG EMISSIONS			ENERGY	
Document Reference Number	Entity Name	Entity Type	Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
7.5	Gliderol Burleigh Heads	Facility	18	10	28	304	0
7.6	Gliderol Dandenong	Facility	87	49	136	1,420	0
7.7	Gliderol Geelong	Facility	28	6	34	417	0
7.8	Gliderol Holden Hill 51 Jacobson St	Facility	21	41	62	518	0
7.9	Gliderol Smithfield	Facility	153	210	363	3,195	0
7.10	Gliderol Wangara	Facility	64	91	155	1,387	0
7.11	Gliderol Woolongong	Facility	5	4	9	87	0
8	Sebel Furniture Ltd	Group Member	37	922	959	4,286	0
8.1	Sebel - NSW - Bankstown	Facility	17	897	914	3,892	0
8.2	Sebel - QLD - Newstead	Facility	6	4	9	100	0
8.3	Sebel - SA - Keswick	Facility	4	3	7	70	0
8.4	Sebel - VIC - Carlton	Facility	0	0	0	0	0
8.5	Sebel - VIC - Sth Melbourne	Facility	5	14	19	119	0
8.6	Sebel - WA - Perth	Facility	6	5	10	104	0

CEO (or equivalent) details:

Name: Mr Peter Charles Crowley
Position: Managing Director
Address: Level 2 HQ - South Tower
 520 Wickham Street
 FORTITUDE VALLEY, QLD 4006,
 AUSTRALIA
Phone: 0730085073
Email: pcrowley@gwagroup.com.au

Contact Person details:

Name: Mr Neil Gregory Dow
Position: Group Risk and Procurement Manager
Address: 222 Park Street
 SOUTH MELBOURNE, VIC 3205,
 AUSTRALIA
Phone: 0392061402
Email: ndow@gwagroup.com.au



1. Facility - GWA - QLD - Market St HO

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

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

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

Facility Details

Operational Control: GWA Group Ltd has operational control over this facility.

Facility Street Address: Level 14 10 Market Street BRISBANE, QLD 4000, AUSTRALIA

Geographic Coordinates: 27.469°S, 153.029°E

Region: QLD

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



2. Facility - GWA - QLD - Wickham St HO

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
5	3	8	89	0

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

Facility Details

- Operational Control:** GWA Group Ltd has operational control over this facility.
- Facility Street Address:** Level 2 HQ South Tower Wickham Street FORTITUDE VALLEY, QLD 4006, AUSTRALIA
- Geographic Coordinates:** 27.453°S, 153.029°E
- Region:** QLD
- ANZSIC Code:** 333
- Division:** Wholesale Trade
- Subdivision:** Basic Material Wholesaling
- Group:** Timber and Hardware Goods Wholesaling
- Class:**
- Number of days with Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	A	2	kL	34.2	76	66.700	CO ₂	Method 1	5
								0.600	CH ₄	Method 1	0
								2.300	N ₂ O	Method 1	0
TOTAL:											5

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		3,583	kWh	3
TOTAL:						3

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	Combusted	A	2.228	kL	34.2	76
TOTAL:								76

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			3,583	kWh	0.004	13
TOTAL:								13

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	76	GJ
Energy consumed by means other than combustion	13	GJ
TOTAL:	89	GJ



3. Group Member - Brivis Climate Systems

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.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
535	1,946	2,480	14,692	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
532	1	2	0	0	0	535

Group Member Details

Identifying details: ABN: 64 096 079 088

Trading Name: GWA Heating & Cooling



3.1. Facility - Bravis - VIC - Braeside

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
535	1,946	2,480	14,692	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
532	1	2	0	0	0	535

Facility Details

Operational Control: Bravis Climate Systems has operational control over this facility.

Facility Street Address: 61 Malcolm Road BRAESIDE, VIC 3195, AUSTRALIA

Geographic Coordinates: 38.001°S, 145.114°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	5	kL	25.7	118	59.600	CO ₂	Method 1	7
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	3,582	GJ	1	3,582	51.200	CO ₂	Method 1	183
								0.100	CH ₄	Method 1	0
								0.030	N ₂ O	Method 1	0
Transport	Diesel Oil	Transport – Post 2004 vehicles	A	54	kL	38.6	2,090	69.200	CO ₂	Method 1	145
								0.010	CH ₄	Method 1	0
								0.600	N ₂ O	Method 1	1
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	55	kL	34.2	1,875	66.700	CO ₂	Method 1	125
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Transport	Liquefied petroleum gas	Transport – Post 2004 vehicles	A	46	kL	26.2	1,199	59.600	CO ₂	Method 1	71
								0.300	CH ₄	Method 1	0
								0.300	N ₂ O	Method 1	0
TOTAL:											535

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		1,608,190	kWh	1,946
TOTAL:						1,946



No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	54.834	kL	34.2	1,875
Transport	Diesel Oil	Transport - Post 2004 vehicles	Combusted	A	54.155	kL	38.6	2,090
Transport	Liquefied petroleum gas	Transport - Post 2004 vehicles	Combusted	A	45.78	kL	26.2	1,199
TOTAL:								5,165

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	3,582	GJ	1	3,582
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	4.589	kL	25.7	118
TOTAL:								3,700

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			1,608,190	kWh	0.004	5,789
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	0.96	kL	38.8	37
TOTAL:								5,827

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	8,865	GJ
Energy consumed by means other than combustion	5,827	GJ
TOTAL:	14,692	GJ



4. Group Member - Caroma Industries Ltd

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.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
5,842	14,101	19,943	172,192	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
5,827	10	5	0	0	0	5,842

Group Member Details

Identifying details: ABN: 35 000 189 499

Trading Name: GWA Bathroom & Kitchens



4.1. Facility - Caroma Dorf - NSW - Epping

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
236	363	599	4,992	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
235	0	1	0	0	0	236

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.
Facility Street Address: Level 2 Building C 4 Ray Road EPPING, NSW 2121, AUSTRALIA
Geographic Coordinates: 33.933°S, 151.001°E
Region: NSW
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:
Number of days with Operational Control: 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	103	kL	34.2	3,523	66.700	CO ₂	Method 1	235
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	1
TOTAL:											236

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		407,990	kWh	363
TOTAL:						363

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	103.012	kL	34.2	3,523
TOTAL:								3,523

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			407,990	kWh	0.004	1,469
TOTAL:								1,469

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	3,523	GJ
Energy consumed by means other than combustion	1,469	GJ
TOTAL:	4,992	GJ



4.2. Facility - Caroma Dorf - NSW - Huntingwood

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

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

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

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.
Facility Street Address: 5 Liberty Place HUNTINGWOOD, NSW 2148, AUSTRALIA
Geographic Coordinates: 33.795°S, 150.872°E
Region: NSW
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:
Number of days with Operational Control: 366

Facility Data



4.3. Facility - Caroma Dorf - NSW - Revesby

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
19	553	572	2,529	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
19	0	0	0	0	0	19

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 194 Milperra Road REVESBY, NSW 2212, AUSTRALIA

Geographic Coordinates: 33.932°S, 151.001°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	4	kL	25.7	99	59.600	CO ₂	Method 1	6
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	6	kL	34.2	194	66.700	CO ₂	Method 1	13
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											19

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		621,244	kWh	553
TOTAL:						553

No Energy Production Data is Available.



Australian Government
Clean Energy Regulator

COMMERCIAL-IN-CONFIDENCE

Registration Application No.: R090729-00395

ABN: 15 055 964 380

File Number: 2009/1443

Reporting Year: 2011/12

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	5.668	kL	34.2	194
TOTAL:								194

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	3.847	kL	25.7	99
TOTAL:								99

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			621,244	kWh	0.004	2,236
TOTAL:								2,236

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	293	GJ
Energy consumed by means other than combustion	2,236	GJ
TOTAL:	2,529	GJ



4.4. Facility - Caroma Dorf - NSW - Wetherill Park

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
5,108	8,541	13,649	133,813	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
5,095	10	3	0	0	0	5,108

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.
Facility Street Address: 26-32 Walter Street WETHERILL PARK, NSW 2164, AUSTRALIA
Geographic Coordinates: 33.845°S, 150.910°E
Region: NSW
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:
Number of days with Operational Control: 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Diesel Oil	Non-transport	A	4	kL	38.6	172	69.200	CO ₂	Method 1	12
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Other Stationary	Liquefied petroleum gas	Non-transport	A	16	kL	25.7	400	59.600	CO ₂	Method 1	24
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	98,168	GJ	1	98,168	51.200	CO ₂	Method 1	5,026
								0.100	CH ₄	Method 1	10
								0.030	N ₂ O	Method 1	3
Other Stationary	Other gaseous fossil fuels	Non-transport	A	7	m ³	0.0393	0	51.200	CO ₂	Method 1	0
								0.100	CH ₄	Method 1	0
								0.030	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	14	kL	34.2	494	66.700	CO ₂	Method 1	33
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											5,108

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		9,596,477	kWh	8,541
TOTAL:						8,541



No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	14.445	kL	34.2	494
TOTAL:								494

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	98,168	GJ	1	98,168
Other Stationary	Other gaseous fossil fuels	Non-transport	Combusted	A	7	m ³	0.039	0
Other Stationary	Diesel Oil	Non-transport	Combusted	A	4.448	kL	38.6	172
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	15.564	kL	25.7	400
TOTAL:								98,740

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			9,596,477	kWh	0.004	34,547
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	0.829	kL	38.8	32
TOTAL:								34,579

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	99,234	GJ
Energy consumed by means other than combustion	34,579	GJ
TOTAL:	133,813	GJ



4.5. Facility - Caroma Dorf - QLD - Ascot

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

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

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

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.
Facility Street Address: 134 Racecourse Road ASCOT , QLD 4007, AUSTRALIA
Geographic Coordinates: 27.433°S, 153.065°E
Region: QLD
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:

Number of days with Operational Control: 366

Facility Data



4.6. Facility - Caroma Dorf - QLD - Eagle Farm

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
169	304	473	3,762	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
168	0	1	0	0	0	169

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.
Facility Street Address: 7 Eagle View Place EAGLE FARM, QLD 4009, AUSTRALIA
Geographic Coordinates: 27.436°S, 153.085°E
Region: QLD
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:

Number of days with Operational Control: 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	74	kL	34.2	2,518	66.700	CO ₂	Method 1	168
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	1
TOTAL:											169

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		345,530	kWh	304
TOTAL:						304

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	73.633	kL	34.2	2,518
TOTAL:								2,518

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			345,530	kWh	0.004	1,244
TOTAL:								1,244

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	2,518	GJ
Energy consumed by means other than combustion	1,244	GJ
TOTAL:	3,762	GJ



4.7. Facility - Caroma Dorf - SA - Glynde

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
0	5	5	28	0

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

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.
Facility Street Address: 65 Glynburn Road GLYNDE, SA 5070, AUSTRALIA
Geographic Coordinates: 34.000°S, 138.000°E
Region: SA
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:
Number of days with Operational Control: 366

Facility Data



GREENHOUSE GAS EMISSIONS

No Scope 1 Emissions Data is Available.

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		7,793	kWh	5
TOTAL:						5

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			7,793	kWh	0.004	28
TOTAL:								28

Summary Table

Categories	Converted Amount	Units
Energy consumed by means other than combustion	28	GJ
TOTAL:	28	GJ



4.8. Facility - Caroma Dorf - SA - Norwood

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
86	3,761	3,846	21,659	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
85	0	0	0	0	0	86

Facility Details

- Operational Control:** Caroma Industries Ltd has operational control over this facility.
- Facility Street Address:** 76 Magill Road NORWOOD, SA 5067, AUSTRALIA
- Geographic Coordinates:** 34.915°S, 138.629°E
- Region:** SA
- ANZSIC Code:** 333
- Division:** Wholesale Trade
- Subdivision:** Basic Material Wholesaling
- Group:** Timber and Hardware Goods Wholesaling
- Class:**
- Number of days with Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	1	kL	25.7	23	59.600	CO ₂	Method 1	1
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	358	GJ	1	358	51.200	CO ₂	Method 1	18
								0.100	CH ₄	Method 1	0
								0.030	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	29	kL	34.2	985	66.700	CO ₂	Method 1	66
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											86

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		5,530,442	kWh	3,761
TOTAL:						3,761

No Energy Production Data is Available.



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Registration Application No.: R090729-00395

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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	28.812	kL	34.2	985
TOTAL:								985

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	358	GJ	1	358
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	0.901	kL	25.7	23
TOTAL:								381

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			5,530,442	kWh	0.004	19,910
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	9.874	kL	38.8	383
TOTAL:								20,293

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,367	GJ
Energy consumed by means other than combustion	20,293	GJ
TOTAL:	21,659	GJ



4.9. Facility - Caroma Dorf - TAS - Launceston

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
0	13	13	162	0

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

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 22/34 Innocent Street KINGS MEADOWS, TAS 7249, AUSTRALIA

Geographic Coordinates: 41.463°S, 147.162°E

Region: TAS

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	0	kL	25.7	5	59.600	CO ₂	Method 1	0
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											0

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		43,709	kWh	13
TOTAL:						13

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	0.185	kL	25.7	5
TOTAL:								5

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			43,709	kWh	0.004	157
TOTAL:								157

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	5	GJ
Energy consumed by means other than combustion	157	GJ
TOTAL:	162	GJ



4.10. Facility - Caroma Dorf - VIC - Pascoe Vale

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
7	174	182	633	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
7	0	0	0	0	0	7

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.
Facility Street Address: 125 Sussex Street PASCOE VALE, VIC 3044, AUSTRALIA
Geographic Coordinates: 37.835°S, 144.962°E
Region: VIC
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:

Number of days with Operational Control: 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	2	kL	25.7	60	59.600	CO ₂	Method 1	4
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	AAA	2	kL	34.2	54	66.700	CO ₂	Method 1	4
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											7

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		144,108	kWh	174
TOTAL:						174

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	AAA	1.569	kL	34.2	54
TOTAL:								54

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	2.349	kL	25.7	60
TOTAL:								60

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			144,108	kWh	0.004	519
TOTAL:								519

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	114	GJ
Energy consumed by means other than combustion	519	GJ
TOTAL:	633	GJ



4.11. Facility - Caroma Dorf - VIC - South Melbourne

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
156	253	409	3,083	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
155	0	0	0	0	0	156

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 222 Park Street SOUTH MELBOURNE, VIC 3205, AUSTRALIA

Geographic Coordinates: 37.835°S, 144.962°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	68	kL	34.2	2,330	66.700	CO ₂	Method 1	155
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											156

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		209,185	kWh	253
TOTAL:						253

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	68.135	kL	34.2	2,330
TOTAL:								2,330

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			209,185	kWh	0.004	753
TOTAL:								753

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	2,330	GJ
Energy consumed by means other than combustion	753	GJ
TOTAL:	3,083	GJ



4.12. Facility - Caroma Dorf - WA - Osborne Park

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
62	133	195	1,530	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
62	0	0	0	0	0	62

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 39 King Edward Road OSBORNE PARK, WA 6017, AUSTRALIA

Geographic Coordinates: 31.899°S, 115.808°E

Region: WA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	3	kL	25.7	75	59.600	CO ₂	Method 1	4
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	25	kL	34.2	856	66.700	CO ₂	Method 1	57
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											62

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		166,582	kWh	133
TOTAL:						133

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	25.022	kL	34.2	856
TOTAL:								856

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	2.905	kL	25.7	75
TOTAL:								75

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			166,582	kWh	0.004	600
TOTAL:								600

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	930	GJ
Energy consumed by means other than combustion	600	GJ
TOTAL:	1,530	GJ



4.13. Facility - Caroma Dorf Casula (temp Warehouse)

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

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

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

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: shop 1 104 Parkers Farm Place CASULA, NSW 2170, AUSTRALIA

Geographic Coordinates: 33.960°S, 150.883°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 2

Facility Data



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5. Group Member - Dux Manufacturing Ltd

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.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
2,504	4,611	7,115	64,704	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
2,482	5	5	0	12	0	2,504

Group Member Details

Identifying details: ABN: 19 077 879 844

Trading Name: GWA Heting & Cooling



5.1. Facility - Dux - NSW - Moss Vale

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
2,181	4,487	6,668	59,529	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
2,164	4	2	0	12	0	2,181

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.
Facility Street Address: Collins Road MOSS VALE, NSW 2577, AUSTRALIA
Geographic Coordinates: 34.524°S, 150.377°E
Region: NSW
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Industrial Refrigeration	Industrial refrigeration - HFC stock	Synthetic Gases		0	tonnes	1	0	0.160	HFCs	Method 1	12
Other Stationary	Liquefied petroleum gas	Non-transport	A	60	kL	25.7	1,538	59.600	CO ₂	Method 1	92
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	37,849	GJ	1	37,849	51.200	CO ₂	Method 1	1,938
								0.100	CH ₄	Method 1	4
								0.030	N ₂ O	Method 1	1
Other Stationary	Other gaseous fossil fuels	Non-transport	A	217	m ³	0.0393	9	51.200	CO ₂	Method 1	0
								0.100	CH ₄	Method 1	0
								0.030	N ₂ O	Method 1	0
Transport	Diesel Oil	Transport - Post 2004 vehicles	A	15	kL	38.6	576	69.200	CO ₂	Method 1	40
								0.010	CH ₄	Method 1	0
								0.600	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	41	kL	34.2	1,408	66.700	CO ₂	Method 1	94
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											2,181



Greenhouse Gas Emissions

Industrial Refrigeration

Line Number	Activity type	Activity context	Criteria	Amount	Unit	Gas	Method	Total t CO ₂ -e Carbon Dioxide Equivalent.
1	Industrial refrigeration - HFC stock	Synthetic Gases		0.056	tonnes	HFCs	Method 1	12
TOTAL:								12

Global Warming Potential for Industrial Refrigeration

Source	Activity Data Name	Activity Data Context Name	Amount	Unit	Global Warming Gas	Global Warming Potential	Stock
Industrial Refrigeration	Industrial refrigeration - HFC stock	Synthetic Gases	0.056	tonnes	HFC-134a	1300	73

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		5,041,369	kWh	4,487
TOTAL:						4,487

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	41.18	kL	34.2	1,408
Transport	Diesel Oil	Transport - Post 2004 vehicles	Combusted	A	14.932	kL	38.6	576
TOTAL:								1,985

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	37,849	GJ	1	37,849
Other Stationary	Other gaseous fossil fuels	Non-transport	Combusted	A	217	m ³	0.039	9
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	59.827	kL	25.7	1,538
TOTAL:								39,395

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			5,041,369	kWh	0.004	18,149
TOTAL:								18,149

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	41,380	GJ
Energy consumed by means other than combustion	18,149	GJ
TOTAL:	59,529	GJ



5.2. Facility - Dux - NSW - Newington

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
117	67	184	1,998	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
116	0	1	0	0	0	117

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.

Facility Street Address: Unit 19/4 Avenue of the Americas NEWINGTON, NSW 2127, AUSTRALIA

Geographic Coordinates: 33.834°S, 151.054°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Diesel Oil	Transport – Post 2004 vehicles	A	12	kL	38.6	481	69.200	CO ₂	Method 1	33
								0.010	CH ₄	Method 1	0
								0.600	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	36	kL	34.2	1,245	66.700	CO ₂	Method 1	83
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											117

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		75,330	kWh	67
TOTAL:						67

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	36.41	kL	34.2	1,245
Transport	Diesel Oil	Transport - Post 2004 vehicles	Combusted	A	12.47	kL	38.6	481
TOTAL:								1,727

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			75,330	kWh	0.004	271
TOTAL:								271

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,727	GJ
Energy consumed by means other than combustion	271	GJ
TOTAL:	1,998	GJ



5.3. Facility - Dux - QLD - Bowen Hills

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

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

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

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.

Facility Street Address: Unit 2/7 O'Connell Terrace BOWEN HILLS, QLD 4006, AUSTRALIA

Geographic Coordinates: 27.591°S, 152.929°E

Region: QLD

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



5.4. Facility - Dux - QLD - Wacol

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
78	0	78	1,116	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
75	1	2	0	0	0	78

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.
Facility Street Address: 739 Progress Road WACOL, QLD 4076, AUSTRALIA
Geographic Coordinates: 27.590°S, 152.929°E
Region: QLD
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:
Number of days with Operational Control: 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Diesel Oil	Transport	A	8	kL	38.6	298	69.200	CO ₂	Method 1	21
								0.200	CH ₄	Method 1	0
								0.500	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	A	24	kL	34.2	817	66.700	CO ₂	Method 1	55
								0.600	CH ₄	Method 1	0
								2.300	N ₂ O	Method 1	2
TOTAL:											78

Greenhouse Gas Emissions

No Scope 2 Emissions Data is Available.

No Energy Production Data is Available.



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File Number: 2009/1443

Reporting Year: 2011/12

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	Combusted	A	23.901	kL	34.2	817
Transport	Diesel Oil	Transport	Combusted	A	7.726	kL	38.6	298
TOTAL:								1,116

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,116	GJ
TOTAL:	1,116	GJ



5.5. Facility - Dux - SA - Kent Town

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
36	0	36	530	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
36	0	0	0	0	0	36

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.

Facility Street Address: Level 1 43 Fullarton Road KENT TOWN, SA 5071, AUSTRALIA

Geographic Coordinates: 34.921°S, 138.623°E

Region: SA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Diesel Oil	Transport	A	4	kL	38.6	148	69.200	CO ₂	Method 1	10
								0.200	CH ₄	Method 1	0
								0.500	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	11	kL	34.2	382	66.700	CO ₂	Method 1	25
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											36

Greenhouse Gas Emissions

No Scope 2 Emissions Data is Available.

No Energy Production Data is Available.



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Registration Application No.: R090729-00395

ABN: 15 055 964 380

File Number: 2009/1443

Reporting Year: 2011/12

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Diesel Oil	Transport	Combusted	A	3.838	kL	38.6	148
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	11.163	kL	34.2	382
TOTAL:								530

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	530	GJ
TOTAL:	530	GJ



5.6. Facility - Dux - SA - Norwood

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

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

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

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.
Facility Street Address: 76 Osmond Terrace NORWOOD, SA 5067, AUSTRALIA
Geographic Coordinates: 34.920°S, 138.632°E
Region: SA
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:
Number of days with Operational Control: 366

Facility Data



5.7. Facility - Dux - VIC - Clayton

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

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

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

Facility Details

- Operational Control:** Dux Manufacturing Ltd has operational control over this facility.
- Facility Street Address:** 756 Blackburn Road CLAYTON, VIC 3168, AUSTRALIA
- Geographic Coordinates:** 37.911°S, 145.142°E
- Region:** VIC
- ANZSIC Code:** 333
- Division:** Wholesale Trade
- Subdivision:** Basic Material Wholesaling
- Group:** Timber and Hardware Goods Wholesaling
- Class:**
- Number of days with Operational Control:** 366

Facility Data



5.8. Facility - Dux - VIC - Clayton North

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
75	50	125	1,247	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
74	0	0	0	0	0	75

Facility Details

- Operational Control:** Dux Manufacturing Ltd has operational control over this facility.
- Facility Street Address:** 1/20 Duerdin Street CLAYTON, VIC 3168, AUSTRALIA
- Geographic Coordinates:** 37.019°S, 145.142°E
- Region:** VIC
- ANZSIC Code:** 333
- Division:** Wholesale Trade
- Subdivision:** Basic Material Wholesaling
- Group:** Timber and Hardware Goods Wholesaling
- Class:**
- Number of days with Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Diesel Oil	Transport	A	10	kL	38.6	379	69.200	CO ₂	Method 1	26
								0.200	CH ₄	Method 1	0
								0.500	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	21	kL	34.2	719	66.700	CO ₂	Method 1	48
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											75

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		41,630	kWh	50
TOTAL:						50

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Diesel Oil	Transport	Combusted	A	9.808	kL	38.6	379
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	21.019	kL	34.2	719
TOTAL:								1,097

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			41,630	kWh	0.004	150
TOTAL:								150

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,097	GJ
Energy consumed by means other than combustion	150	GJ
TOTAL:	1,247	GJ



5.9. Facility - Dux - WA - Balcatta

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
17	7	24	285	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
17	0	0	0	0	0	17

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.
Facility Street Address: 19 Mumford Place BALCATTa, WA 6021, AUSTRALIA
Geographic Coordinates: 31.858°S, 115.141°E
Region: WA
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:
Number of days with Operational Control: 275

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	7	kL	34.2	253	66.700	CO ₂	Method 1	17
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											17

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		8,871	kWh	7
TOTAL:						7

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	7.386	kL	34.2	253
TOTAL:								253

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			8,871	kWh	0.004	32
TOTAL:								32

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	253	GJ
Energy consumed by means other than combustion	32	GJ
TOTAL:	285	GJ



6. Group Member - Gainsborough Hardware Industries Ltd

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.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
1,507	3,678	5,185	38,785	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
1,503	2	2	0	0	0	1,507

Group Member Details

Identifying details: ABN: 25 004 792 269

Trading Name: GWA Doors & Access Systems



6.1. Facility - Gainsborough - NSW - Taren Point

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
91	12	103	1,407	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
91	0	0	0	0	0	91

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: Suite 1B 120 Taren Point Road TAREN POINT, NSW 2229, AUSTRALIA

Geographic Coordinates: 34.019°S, 151.122°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	40	kL	34.2	1,360	66.700	CO ₂	Method 1	91
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											91

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		13,011	kWh	12
TOTAL:						12

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	39.775	kL	34.2	1,360
TOTAL:								1,360

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			13,011	kWh	0.004	47
TOTAL:								47

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,360	GJ
Energy consumed by means other than combustion	47	GJ
TOTAL:	1,407	GJ



6.2. Facility - Gainsborough - QLD - Stones Corner

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
70	34	104	1,187	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
70	0	0	0	0	0	70

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.
Facility Street Address: 433 Logan Road STONES CORNER, QLD 4120, AUSTRALIA
Geographic Coordinates: 27.502°S, 153.046°E
Region: QLD
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:
Number of days with Operational Control: 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	31	kL	34.2	1,050	66.700	CO ₂	Method 1	70
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											70

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		38,087	kWh	34
TOTAL:						34

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	30.696	kL	34.2	1,050
TOTAL:								1,050

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			38,087	kWh	0.004	137
TOTAL:								137

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,050	GJ
Energy consumed by means other than combustion	137	GJ
TOTAL:	1,187	GJ



6.3. Facility - Gainsborough - SA - Vale Park

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
24	0	24	363	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
24	0	0	0	0	0	24

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 31 Lansdowne Terrace VALE PARK, SA 5081, AUSTRALIA

Geographic Coordinates: 34.888°S, 138.623°E

Region: SA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	11	kL	34.2	363	66.700	CO ₂	Method 1	24
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											24

Greenhouse Gas Emissions

No Scope 2 Emissions Data is Available.

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	10.624	kL	34.2	363
TOTAL:								363

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	363	GJ
TOTAL:	363	GJ



6.4. Facility - Gainsborough - VIC - (Austral) Brooklyn - Export Drive

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
596	766	1,362	13,942	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
594	1	0	0	0	0	596

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 42 Export Drive BROOKLYN , VIC 3012, AUSTRALIA

Geographic Coordinates: 37.821°S, 144.855°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	2	kL	25.7	46	59.600	CO ₂	Method 1	3
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	11,554	GJ	1	11,554	51.200	CO ₂	Method 1	592
								0.100	CH ₄	Method 1	1
								0.030	N ₂ O	Method 1	0
TOTAL:											596

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		633,066	kWh	766
TOTAL:						766

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	11,554	GJ	1	11,554
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	1.782	kL	25.7	46
TOTAL:								11,600

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			633,066	kWh	0.004	2,279
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	1.632	kL	38.8	63
TOTAL:								2,342

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	11,600	GJ
Energy consumed by means other than combustion	2,342	GJ
TOTAL:	13,942	GJ



6.5. Facility - Gainsborough - VIC - (Austral) South Melbourne

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

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

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

Facility Details

- Operational Control:** Gainsborough Hardware Industries Ltd has operational control over this facility.
- Facility Street Address:** 8-14 Rose Street SOUTH MELBOURNE, VIC 3205, AUSTRALIA
- Geographic Coordinates:** 37.830°S, 144.961°E
- Region:** VIC
- ANZSIC Code:** 333
- Division:** Wholesale Trade
- Subdivision:** Basic Material Wholesaling
- Group:** Timber and Hardware Goods Wholesaling
- Class:**
- Number of days with Operational Control:** 366

Facility Data



6.6. Facility - Gainsborough - VIC - Blackburn - 15-33 Alfred Street

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
0	898	898	2,673	0

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

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 15-33 Alfred Street BLACKBURN, VIC 3130, AUSTRALIA

Geographic Coordinates: 37.820°S, 145.158°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

No Scope 1 Emissions Data is Available.

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		742,429	kWh	898
TOTAL:						898

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			742,429	kWh	0.004	2,673
TOTAL:								2,673

Summary Table

Categories	Converted Amount	Units
Energy consumed by means other than combustion	2,673	GJ
TOTAL:	2,673	GJ



6.7. Facility - Gainsborough - VIC - Blackburn - 190 Whitehorse Rd

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
197	1,749	1,946	8,492	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
197	0	0	0	0	0	197

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 190 Whitehorse Road BLACKBURN, VIC 3130, AUSTRALIA

Geographic Coordinates: 37.818°S, 145.159°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	1	kL	25.7	23	59.600	CO ₂	Method 1	1
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	1,451	GJ	1	1,451	51.200	CO ₂	Method 1	74
								0.100	CH ₄	Method 1	0
								0.030	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	53	kL	34.2	1,814	66.700	CO ₂	Method 1	121
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											197

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		1,445,544	kWh	1,749
TOTAL:						1,749

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	53.035	kL	34.2	1,814
TOTAL:								1,814

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	1,451	GJ	1	1,451
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	0.9	kL	25.7	23
TOTAL:								1,474

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			1,445,544	kWh	0.004	5,204
TOTAL:								5,204

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	3,288	GJ
Energy consumed by means other than combustion	5,204	GJ
TOTAL:	8,492	GJ



6.8. Facility - Gainsborough - VIC - Blackburn - 9 Alfred Street

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
333	0	333	6,495	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
333	1	0	0	0	0	333

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 9 Alfred Street BLACKBURN, VIC 3130, AUSTRALIA

Geographic Coordinates: 37.819°S, 145.159°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	6,495	GJ	1	6,495	51.200	CO ₂	Method 1	333
								0.100	CH ₄	Method 1	1
								0.030	N ₂ O	Method 1	0
TOTAL:											333

Greenhouse Gas Emissions

No Scope 2 Emissions Data is Available.

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	6,495	GJ	1	6,495
TOTAL:								6,495

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	6,495	GJ
TOTAL:	6,495	GJ



6.9. Facility - Gainsborough - VIC - Kyneton

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
140	178	318	3,217	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
140	0	0	0	0	0	140

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 5 Johnson Court KYNETON, VIC 3444, AUSTRALIA

Geographic Coordinates: 37.241°S, 144.457°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	2,543	GJ	1	2,543	51.200	CO ₂	Method 1	130
								0.100	CH ₄	Method 1	0
								0.030	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	4	kL	34.2	144	66.700	CO ₂	Method 1	10
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											140

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		147,212	kWh	178
TOTAL:						178

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	4.2	kL	34.2	144
TOTAL:								144

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	2,543	GJ	1	2,543
TOTAL:								2,543

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			147,212	kWh	0.004	530
TOTAL:								530

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	2,687	GJ
Energy consumed by means other than combustion	530	GJ
TOTAL:	3,217	GJ



6.10. Facility - Gainsborough - WA - Malaga

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
55	41	96	1,009	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
55	0	0	0	0	0	55

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 12 Juna Drive MALAGA, WA 6090, AUSTRALIA

Geographic Coordinates: 31.866°S, 153.903°E

Region: WA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	24	kL	34.2	824	66.700	CO ₂	Method 1	55
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											55

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		51,456	kWh	41
TOTAL:						41

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	24.087	kL	34.2	824
TOTAL:								824

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			51,456	kWh	0.004	185
TOTAL:								185

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	824	GJ
Energy consumed by means other than combustion	185	GJ
TOTAL:	1,009	GJ



7. Group Member - Gliderol International Pty Ltd

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.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
683	974	1,657	14,711	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
665	4	14	0	0	0	683

Group Member Details

Identifying details: ABN: 92 007 928 949

Trading Name:



7.1. Facility - Gliderol - NSW - Newcastle

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
31	34	65	589	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
30	0	1	0	0	0	31

Facility Details

Operational Control: Gliderol International Pty Ltd has operational control over this facility.
Facility Street Address: 19 Balook Drive BERESFIELD, NSW 2322, AUSTRALIA
Geographic Coordinates: 32.807°S, 151.634°E
Region: NSW
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:
Number of days with Operational Control: 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	0	kL	25.7	3	59.600	CO ₂	Method 1	0
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	A	13	kL	34.2	449	66.700	CO ₂	Method 1	30
								0.600	CH ₄	Method 1	0
								2.300	N ₂ O	Method 1	1
TOTAL:											31

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		38,001	kWh	34
TOTAL:						34

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	Combusted	A	13.125	kL	34.2	449
TOTAL:								449

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	0.114	kL	25.7	3
TOTAL:								3

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			38,001	kWh	0.004	137
TOTAL:								137

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	452	GJ
Energy consumed by means other than combustion	137	GJ
TOTAL:	589	GJ



7.2. Facility - Gliderol - SA - Holden Hill

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
115	374	489	3,834	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
112	1	3	0	0	0	115

Facility Details

Operational Control: Gliderol International Pty Ltd has operational control over this facility.

Facility Street Address: 32 Jacobsen Crescent HOLDEN HILL, SA 5088, AUSTRALIA

Geographic Coordinates: 34.847°S, 138.676°E

Region: SA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	9	kL	25.7	222	59.600	CO ₂	Method 1	13
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Transport	Diesel Oil	Transport	A	10	kL	38.6	405	69.200	CO ₂	Method 1	28
								0.200	CH ₄	Method 1	0
								0.500	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	A	31	kL	34.2	1,058	66.700	CO ₂	Method 1	71
								0.600	CH ₄	Method 1	1
								2.300	N ₂ O	Method 1	2
TOTAL:											115

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		549,826	kWh	374
TOTAL:						374

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	Combusted	A	30.923	kL	34.2	1,058
Transport	Diesel Oil	Transport	Combusted	A	10.485	kL	38.6	405
TOTAL:								1,462

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	8.641	kL	25.7	222
TOTAL:								222

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			549,826	kWh	0.004	1,979
Energy consumed (not combusted)	Other gaseous fossil fuels	Non-transport	Non-Combusted	A	54	m ³	0.039	2
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	4.339	kL	38.8	168
TOTAL:								2,150

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,684	GJ
Energy consumed by means other than combustion	2,150	GJ
TOTAL:	3,834	GJ



7.3. Facility - Gliderol Banyo

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
155	145	300	2,840	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
151	1	3	0	0	0	155

Facility Details

Operational Control: Gliderol International Pty Ltd has operational control over this facility.

Facility Street Address: 241 Elliott Road BANYO, QLD 4014, AUSTRALIA

Geographic Coordinates: 27.367°S, 153.082°E

Region: QLD

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	2	kL	25.7	50	59.600	CO ₂	Method 1	3
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Transport	Diesel Oil	Transport	A	34	kL	38.6	1,307	69.200	CO ₂	Method 1	90
								0.200	CH ₄	Method 1	0
								0.500	N ₂ O	Method 1	1
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	A	25	kL	34.2	865	66.700	CO ₂	Method 1	58
								0.600	CH ₄	Method 1	1
								2.300	N ₂ O	Method 1	2
TOTAL:											155

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		165,266	kWh	145
TOTAL:						145

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	Combusted	A	25.288	kL	34.2	865
Transport	Diesel Oil	Transport	Combusted	A	33.863	kL	38.6	1,307
TOTAL:								2,172

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	1.951	kL	25.7	50
TOTAL:								50

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			165,266	kWh	0.004	595
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	0.6	kL	38.8	23
TOTAL:								618

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	2,222	GJ
Energy consumed by means other than combustion	618	GJ
TOTAL:	2,840	GJ



7.4. Facility - Gliderol Bunbury

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
5	9	15	120	0

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

Facility Details

Operational Control: Gliderol International Pty Ltd has operational control over this facility.

Facility Street Address: Unit 7 33 Denning Road BUNBURY, WA 6230, AUSTRALIA

Geographic Coordinates: 33.340°S, 115.653°E

Region: WA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	A	2	kL	34.2	77	66.700	CO ₂	Method 1	5
								0.600	CH ₄	Method 1	0
								2.300	N ₂ O	Method 1	0
TOTAL:											5

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		11,844	kWh	9
TOTAL:						9

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	Combusted	A	2.257	kL	34.2	77
TOTAL:								77

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			11,844	kWh	0.004	43
TOTAL:								43

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	77	GJ
Energy consumed by means other than combustion	43	GJ
TOTAL:	120	GJ



7.5. Facility - Gliderol Burleigh Heads

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
18	10	28	304	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
18	0	1	0	0	0	18

Facility Details

Operational Control: Gliderol International Pty Ltd has operational control over this facility.
Facility Street Address: Unit 1 9 Ramly Drive BURLEIGH HEADS, QLD 4220, AUSTRALIA
Geographic Coordinates: 28.103°S, 153.082°E
Region: QLD
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:

Number of days with Operational Control: 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	A	8	kL	34.2	264	66.700	CO ₂	Method 1	18
								0.600	CH ₄	Method 1	0
								2.300	N ₂ O	Method 1	1
TOTAL:											18

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		11,127	kWh	10
TOTAL:						10

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	Combusted	A	7.722	kL	34.2	264
TOTAL:								264

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			11,127	kWh	0.004	40
TOTAL:								40

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	264	GJ
Energy consumed by means other than combustion	40	GJ
TOTAL:	304	GJ



7.6. Facility - Gliderol Dandenong

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
87	49	136	1,420	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
85	0	2	0	0	0	87

Facility Details

Operational Control: Gliderol International Pty Ltd has operational control over this facility.

Facility Street Address: 23 Kitchen Road DANDENONG, VIC 3175, AUSTRALIA

Geographic Coordinates: 38.023°S, 145.224°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied natural gas	Non-transport	A	1	kL	25.3	23	51.200	CO ₂	Method 1	1
								0.100	CH ₄	Method 1	0
								0.030	N ₂ O	Method 1	0
Other Stationary	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	A	1	kL	38.8	31	27.900	CO ₂	Method 1	1
								0.000	CH ₄	Method 1	0
								0.000	N ₂ O	Method 1	0
Transport	Diesel Oil	Transport	A	16	kL	38.6	604	69.200	CO ₂	Method 1	42
								0.200	CH ₄	Method 1	0
								0.500	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	A	17	kL	34.2	578	66.700	CO ₂	Method 1	39
								0.600	CH ₄	Method 1	0
								2.300	N ₂ O	Method 1	1
Transport	Liquefied petroleum gas	Transport	A	1	kL	26.2	37	59.600	CO ₂	Method 1	2
								0.600	CH ₄	Method 1	0
								0.600	N ₂ O	Method 1	0
TOTAL:											87

Greenhouse Gas Emissions



Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		40,866	kWh	49
TOTAL:						49

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	Combusted	A	16.898	kL	34.2	578
Transport	Diesel Oil	Transport	Combusted	A	15.643	kL	38.6	604
Transport	Liquefied petroleum gas	Transport	Combusted	A	1.414	kL	26.2	37
TOTAL:								1,219

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied natural gas	Non-transport	Combusted	A	0.91	kL	25.3	23
Other Stationary	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Combusted	A	0.8	kL	38.8	31
TOTAL:								54

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			40,866	kWh	0.004	147
TOTAL:								147

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,273	GJ
Energy consumed by means other than combustion	147	GJ
TOTAL:	1,420	GJ



7.7. Facility - Gliderol Geelong

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
28	6	34	417	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
27	0	1	0	0	0	28

Facility Details

Operational Control: Gliderol International Pty Ltd has operational control over this facility.

Facility Street Address: 35 Leather Street BREAKWATER, VIC 3219, AUSTRALIA

Geographic Coordinates: 38.185°S, 144.374°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	0	kL	25.7	0	59.600	CO ₂	Method 1	0
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Transport	Diesel Oil	Transport	A	1	kL	38.6	24	69.200	CO ₂	Method 1	2
								0.200	CH ₄	Method 1	0
								0.500	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	A	11	kL	34.2	373	66.700	CO ₂	Method 1	25
								0.600	CH ₄	Method 1	0
								2.300	N ₂ O	Method 1	1
TOTAL:											28

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		5,314	kWh	6
TOTAL:						6

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	Combusted	A	10.918	kL	34.2	373
Transport	Diesel Oil	Transport	Combusted	A	0.611	kL	38.6	24
TOTAL:								397

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	0.019	kL	25.7	0
TOTAL:								0

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			5,314	kWh	0.004	19
TOTAL:								19

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	397	GJ
Energy consumed by means other than combustion	19	GJ
TOTAL:	417	GJ



7.8. Facility - Gliderol Holden Hill 51 Jacobson St

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
21	41	62	518	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
20	0	1	0	0	0	21

Facility Details

Operational Control: Gliderol International Pty Ltd has operational control over this facility.

Facility Street Address: 51 Jacobson Street HOLDEN HILL, SA 5088, AUSTRALIA

Geographic Coordinates: 34.847°S, 138.673°E

Region: SA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	0	kL	25.7	2	59.600	CO ₂	Method 1	0
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Transport	Diesel Oil	Transport	A	3	kL	38.6	99	69.200	CO ₂	Method 1	7
								0.200	CH ₄	Method 1	0
								0.500	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	A	6	kL	34.2	201	66.700	CO ₂	Method 1	13
								0.600	CH ₄	Method 1	0
								2.300	N ₂ O	Method 1	0
TOTAL:											21

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		59,911	kWh	41
TOTAL:						41

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	Combusted	A	5.879	kL	34.2	201
Transport	Diesel Oil	Transport	Combusted	A	2.575	kL	38.6	99
TOTAL:								300

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	0.074	kL	25.7	2
TOTAL:								2

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			59,911	kWh	0.004	216
TOTAL:								216

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	302	GJ
Energy consumed by means other than combustion	216	GJ
TOTAL:	518	GJ



7.9. Facility - Gliderol Smithfield

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
153	210	363	3,195	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
151	1	2	0	0	0	153

Facility Details

Operational Control: Gliderol International Pty Ltd has operational control over this facility.

Facility Street Address: 45 Sammut Street SMITHFIELD, NSW 2164, AUSTRALIA

Geographic Coordinates: 33.838°S, 150.930°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	3	kL	25.7	89	59.600	CO ₂	Method 1	5
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Transport	Diesel Oil	Transport	A	41	kL	38.6	1,571	69.200	CO ₂	Method 1	109
								0.200	CH ₄	Method 1	0
								0.500	N ₂ O	Method 1	1
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	A	16	kL	34.2	550	66.700	CO ₂	Method 1	37
								0.600	CH ₄	Method 1	0
								2.300	N ₂ O	Method 1	1
TOTAL:											153

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		235,644	kWh	210
TOTAL:						210

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	Combusted	A	16.089	kL	34.2	550
Transport	Diesel Oil	Transport	Combusted	A	40.69	kL	38.6	1,571
TOTAL:								2,121

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	3.475	kL	25.7	89
TOTAL:								89

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			235,644	kWh	0.004	848
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	3.525	kL	38.8	137
TOTAL:								985

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	2,210	GJ
Energy consumed by means other than combustion	985	GJ
TOTAL:	3,195	GJ



7.10. Facility - Gliderol Wangara

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
64	91	155	1,387	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
62	0	2	0	0	0	64

Facility Details

Operational Control: Gliderol International Pty Ltd has operational control over this facility.

Facility Street Address: 21 Prindville Drive WANGARA, WA 6065, AUSTRALIA

Geographic Coordinates: 31.790°S, 115.818°E

Region: WA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	1	kL	25.7	14	59.600	CO ₂	Method 1	1
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Transport	Diesel Oil	Transport	A	7	kL	38.6	283	69.200	CO ₂	Method 1	20
								0.200	CH ₄	Method 1	0
								0.500	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	A	18	kL	34.2	627	66.700	CO ₂	Method 1	42
								0.600	CH ₄	Method 1	0
								2.300	N ₂ O	Method 1	1
TOTAL:											64

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		113,194	kWh	91
TOTAL:						91

No Energy Production Data is Available.



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No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	Combusted	A	18.324	kL	34.2	627
Transport	Diesel Oil	Transport	Combusted	A	7.33	kL	38.6	283
TOTAL:								910

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	0.538	kL	25.7	14
TOTAL:								14

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			113,194	kWh	0.004	407
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	1.438	kL	38.8	56
TOTAL:								463

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	923	GJ
Energy consumed by means other than combustion	463	GJ
TOTAL:	1,387	GJ



7.11. Facility - Gliderol Woolongong

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
5	4	9	87	0

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

Facility Details

Operational Control: Gliderol International Pty Ltd has operational control over this facility.

Facility Street Address: Unit 2 1 Luso Drive UNANDERRA, NSW 2526, AUSTRALIA

Geographic Coordinates: 34.466°S, 150.839°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 366

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	A	2	kL	34.2	69	66.700	CO ₂	Method 1	5
								0.600	CH ₄	Method 1	0
								2.300	N ₂ O	Method 1	0
TOTAL:											5

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		4,923	kWh	4
TOTAL:						4

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	Combusted	A	2.025	kL	34.2	69
TOTAL:								69

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			4,923	kWh	0.004	18
TOTAL:								18

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	69	GJ
Energy consumed by means other than combustion	18	GJ
TOTAL:	87	GJ



8. Group Member - Sebel Furniture Ltd

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.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
37	922	959	4,286	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
37	0	0	0	0	0	37

Group Member Details

Identifying details: ABN: 23 000 378 996

Trading Name: GWA Commercial Furniture



8.1. Facility - Sebel - NSW - Bankstown

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
17	897	914	3,892	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
17	0	0	0	0	0	17

Facility Details

Operational Control: Sebel Furniture Ltd has operational control over this facility.

Facility Street Address: 92 Gow Street PADSTOW, NSW 2211, AUSTRALIA

Geographic Coordinates: 33.937°S, 151.033°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 92

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	5	kL	25.7	127	59.600	CO ₂	Method 1	8
								0.100	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	4	kL	34.2	139	66.700	CO ₂	Method 1	9
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											17

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		1,007,448	kWh	897
TOTAL:						897

No Energy Production Data is Available.



Australian Government
Clean Energy Regulator

COMMERCIAL-IN-CONFIDENCE

Registration Application No.: R090729-00395

ABN: 15 055 964 380

File Number: 2009/1443

Reporting Year: 2011/12

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	4.058	kL	34.2	139
TOTAL:								139

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

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	4.933	kL	25.7	127
TOTAL:								127

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			1,007,448	kWh	0.004	3,627
TOTAL:								3,627

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	266	GJ
Energy consumed by means other than combustion	3,627	GJ
TOTAL:	3,892	GJ



8.2. Facility - Sebel - QLD - Newstead

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
6	4	9	100	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
6	0	0	0	0	0	6

Facility Details

Operational Control: Sebel Furniture Ltd has operational control over this facility.

Facility Street Address: Unit 2 32 Doggett Street NEWSTEAD, QLD 4006, AUSTRALIA

Geographic Coordinates: 27.455°S, 153.042°E

Region: QLD

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 92

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	2	kL	34.2	84	66.700	CO ₂	Method 1	6
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											6

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		4,350	kWh	4
TOTAL:						4

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	2.469	kL	34.2	84
TOTAL:								84

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			4,350	kWh	0.004	16
TOTAL:								16

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	84	GJ
Energy consumed by means other than combustion	16	GJ
TOTAL:	100	GJ



8.3. Facility - Sebel - SA - Keswick

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
4	3	7	70	0

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

Facility Details

Operational Control: Sebel Furniture Ltd has operational control over this facility.
Facility Street Address: 5 Marlow Road KESWICK, SA 5035, AUSTRALIA
Geographic Coordinates: 34.943°S, 138.580°E
Region: SA
ANZSIC Code: 333
Division: Wholesale Trade
Subdivision: Basic Material Wholesaling
Group: Timber and Hardware Goods Wholesaling
Class:
Number of days with Operational Control: 92

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	2	kL	34.2	54	66.700	CO ₂	Method 1	4
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											4

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		4,551	kWh	3
TOTAL:						3

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	1.573	kL	34.2	54
TOTAL:								54

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			4,551	kWh	0.004	16
TOTAL:								16

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	54	GJ
Energy consumed by means other than combustion	16	GJ
TOTAL:	70	GJ



8.4. Facility - Sebel - VIC - Carlton

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

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

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

Facility Details

Operational Control: Sebel Furniture Ltd has operational control over this facility.

Facility Street Address: 29 - 31 Rathdowne Street CARLTON, VIC 3053, AUSTRALIA

Geographic Coordinates: 37.806°S, 144.969°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 92

Facility Data



8.5. Facility - Sebel - VIC - Sth Melbourne

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
5	14	19	119	0

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

Facility Details

Operational Control: Sebel Furniture Ltd has operational control over this facility.

Facility Street Address: Level 1 87-91 Palmerston Crescent SOUTH MELBOURNE, VIC 3205, AUSTRALIA

Geographic Coordinates: 37.836°S, 144.968°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 92

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	A	2	kL	34.2	79	66.700	CO ₂	Method 1	5
								0.600	CH ₄	Method 1	0
								2.300	N ₂ O	Method 1	0
								TOTAL:			5

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		11,340	kWh	14
TOTAL:						14

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport	Combusted	A	2.3	kL	34.2	79
TOTAL:								79

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			11,340	kWh	0.004	41
TOTAL:								41

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	79	GJ
Energy consumed by means other than combustion	41	GJ
TOTAL:	119	GJ



8.6. Facility - Sebel - WA - Perth

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

GHG EMISSIONS			ENERGY	
Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)	Energy Consumed (GJ)	Energy Produced (GJ)
6	5	10	104	0

GHG Scope 1 Emission By Gas (t CO ₂ -e)						
CO ₂ Carbon Dioxide	CH ₄ Methane	N ₂ O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
6	0	0	0	0	0	6

Facility Details

Operational Control: Sebel Furniture Ltd has operational control over this facility.

Facility Street Address: 295 Lord St PERTH, WA 6000, AUSTRALIA

Geographic Coordinates: 31.944°S, 115.873°E

Region: WA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

**Number of days with
Operational Control:** 92

Facility Data



GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO ₂ -e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport – Post 2004 vehicles	A	2	kL	34.2	84	66.700	CO ₂	Method 1	6
								0.020	CH ₄	Method 1	0
								0.200	N ₂ O	Method 1	0
TOTAL:											6

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO ₂ -e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		5,754	kWh	5
TOTAL:						5

No Energy Production Data is Available.

No Other Energy Production Data is Available.



ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	2.442	kL	34.2	84
TOTAL:								84

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			5,754	kWh	0.004	21
TOTAL:								21

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	84	GJ
Energy consumed by means other than combustion	21	GJ
TOTAL:	104	GJ

ADDITIONAL INFORMATION

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

Comments

Rover Mower Ltd was sold on the 1/4/2010 and hence GWA Group Ltd did not have operational control of three Facilities from the 1/4/2010
 1. Rover Merrylands NSW
 2. Rover Eagle Farm Qld
 3. Rover Boronia Vic

No data was reported for 2012 year and any existing data is not affected for any reporting year. The facilities have been deleted for the 2011-12 reporting year

Neil Dow
 0419534617



NATIONAL GREENHOUSE AND ENERGY REPORT

GWA Group Ltd

FOR THE REPORTING PERIOD 01/07/2011 - 30/06/2012

PART C

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STATEMENT:

GWA Group Ltd wishes to include as part of its National Greenhouse and Energy Report the following 3 attachments:

No.	File Name	Description
1	Fugitive Emissions R134a loss Dux Moss Vale 2011-12 (3).pdf	Fugative Emissions Dux Moss Vale R134a Refrigerant Loss
2	Emission of CO2 2011-12 (1).pdf	Fugitive Emissions Kiln Wetherill Park
3	Dux Moss Vale Bulk CO2 2012.pdf	Fugitive emission of CO2 supplied in a 6 pack of cylinders