



# **PUBLIC DISCLOSURE STATEMENT**

Evergy Pty Ltd

PRODUCT CERTIFICATION  
FY 2020-21

Australian Government  
**Climate Active**  
**Public Disclosure Statement**



NAME OF CERTIFIED ENTITY	Evergy Pty Ltd.
REPORTING PERIOD	1 July 2020 – 30 June 2021 (arrears)
DECLARATION	<i>To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.</i>



**Australian Government**  
**Department of Industry, Science,  
 Energy and Resources**

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# 1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	3,932.4 tCO <sub>2</sub> -e
THE OFFSETS BOUGHT	VCU
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT	FY2019 Lauren Jensen Pangolin Associates Next technical assessment due: FY2022

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

Evergy is an embedded network operator and an authorised electricity retailer. As a subsidiary under the property development group 'Billbergia Group', Evergy was established to add value to end customers and to help facilitate long term sustainability initiatives of the overall group.

Evergy (ABN: 56 623 005 836) is an authorised electricity retailer offering energy services. Under this product certification, Evergy is certifying all electricity supplied to their small customers for the financial year 1 July 2020 to 30 June 2021.

### Product description

- The functional unit for this certification is kg of CO<sub>2</sub>-e per kWh of electricity sold.
- Evergy is providing a full coverage product by certifying all electricity supplied to their customers cradle to grave.

*“Evergy has an ethical responsibility to the environment and our customers to ensure the long-term sustainability of its products. Climate Active is a vital platform to achieving this”*

# 3. EMISSIONS BOUNDARY

## Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

**Quantified** emissions have been assessed as 'attributable processes' that become the product, make the product and carry the product through its life cycle. These have been quantified in the carbon inventory.

**Non-quantified** emissions have been assessed as attributable and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

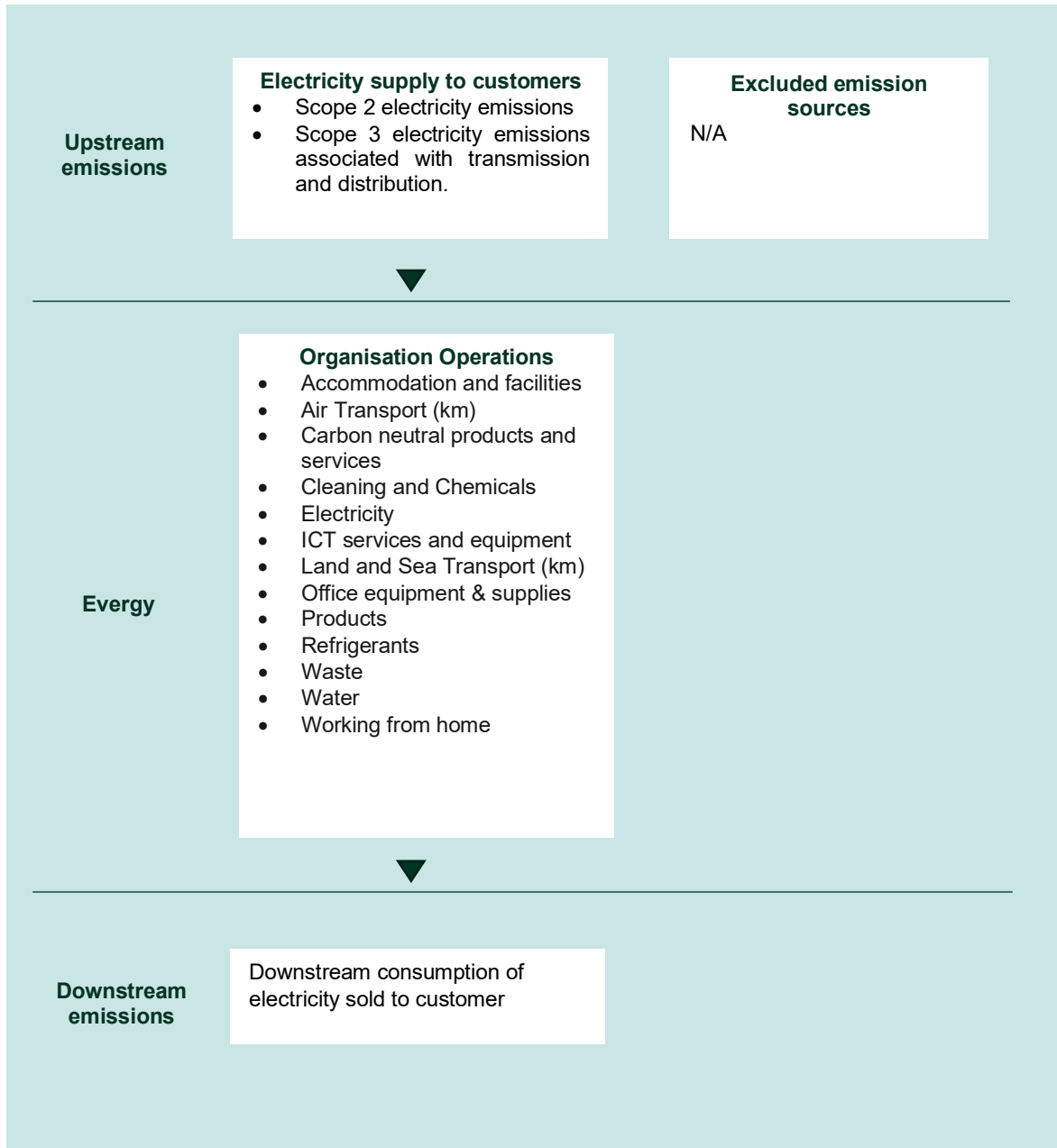
## Outside the emissions boundary

**Non-attributable** emissions have been assessed as not attributable to a product or service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore not part of the carbon neutral claim). Further detail is available at Appendix D.

Inside emissions boundary		Outside emission boundary
<b><u>Quantified</u></b> Accommodation and facilities Air transport (km) Carbon neutral products and services Cleaning and chemicals Electricity Electricity sold ICT services and equipment Land and sea transport (km) Office equipment & supplies Products Refrigerants Waste Water Working from home	<b><u>Non-quantified</u></b> Base building electricity	<b><u>Non-attributable</u></b> N/A
	<b><u>Optionally included</u></b> N/A	

## Product process diagram

The following diagram is cradle-to-grave



## Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

## 4. EMISSIONS REDUCTIONS

### Emissions reduction strategy

Evergy endeavour to create a blended product offering to include GreenPower as early as January 2023. This option would be an opt in option by Evergy's customers. By creating a blended product, Evergy aim to introduce a 10% GreenPower offering to new customers when they sign up for residential or small market energy agreements.

Evergy will continue to work on developing and implementing an emissions reduction strategy over the next five (5) years by aiming to reduce the following emission categories:

10% reduction in office electricity – By aiming to reduce the consumption by way of more efficient equipment and appliances.

10% reduction in office waste – By aiming to produce less waste and to promote environmentally friendly practices such as reduction in printing of emails and documents, reusable cups, and reusable containers.

### Emissions reduction actions

During this reporting period it is not possible or practicable to achieve emissions reductions. This reporting period is not representative of a business as usual year due to impacts from COVID-19.

## 5. EMISSIONS SUMMARY

### Emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a location-based approach.

Emission category	Sum of total emissions (tCO <sub>2</sub> -e)
Accommodation and facilities	0.1
Air Transport (km)	0.2
Carbon neutral products and services	0.0
Cleaning and Chemicals	0.2
Electricity	2.2
Electricity sold	3922.2
ICT services and equipment	0.4
Land and Sea Transport (km)	0.1
Office equipment & supplies	0.9
Products	0.02
Refrigerants	0.6
Waste	5.0
Water	0.1
Working from home	0.4
<b>Total</b>	<b>3932.4</b>

### Emissions over time

This section compares emissions over time between the base year and current year, as well as comparing current year with previous year. Reporting in-between years is mandatory.

Emissions since base year		Total tCO <sub>2</sub> -e	Emissions intensity of the functional unit (tCO <sub>2</sub> -e)
Base year/Year 1:	2018–19	1,290.8	0.00090559
Year 2:	2019–20	2,638.2	0.00090243
Year 3:	2020–21	3,932.4	0.00090234

### Significant changes in emissions

The significant change in the total emissions relate directly to the increase of number of residential and small market energy agreements entered into by Evergy's customers during the reporting period.

Emission source name	Current year (tCO <sub>2</sub> -e)	Previous year (tCO <sub>2</sub> -e)	Detailed reason for change
Electricity sold	3922.2	2631.1	Increased energy agreements



## Use of Climate Active carbon neutral products and services

Everyday purchased carbon neutral Winc and Reflex paper in FY2021.

This assessment and Climate Active submission was prepared with the assistance of [Pangolin Associates](#) and these services are also carbon neutral.

### Product emissions summary

Row Labels	Sum of Scope 1 (tCO <sub>2</sub> e)	Sum of Scope 2 (tCO <sub>2</sub> e)	Sum of Scope 3 (tCO <sub>2</sub> e)	Sum of Total Emissions (tCO <sub>2</sub> e)
Accommodation and facilities	0	0	0.097	0.1
Air Transport (km)	0	0	0.239	0.2
Carbon neutral products and services	0	0	0	0.0
Cleaning and Chemicals	0	0	0.221	0.2
Electricity	0	2.158	0	2.2
Electricity sold	0	0	3922.217	3922.2
ICT services and equipment	0	0	0.427	0.4
Land and Sea Transport (km)	0	0	0.115	0.1
Office equipment & supplies	0	0	0.917	0.9
Products	0	0	0.020	0.02
Refrigerants	0	0	0.552	0.6
Waste	0	0	4.964	5.0
Water	0	0	0.0506	0.1
Working from home	0	0	0.4171	0.4
<b>Grand Total</b>	<b>0</b>	<b>2.158</b>	<b>3930.240</b>	<b>3932.4</b>

<b>Emissions intensity per functional unit</b>	0.00090234 t CO <sub>2</sub> -e
<b>Number of functional units to be offset</b>	4,358,019 kWh
<b>Total emissions to be offset</b>	3,932.4 t CO <sub>2</sub> -e

## 6. CARBON OFFSETS

### Offsets retirement approach

#### In arrears

1.	Total number of eligible offsets banked from last year's report	0
2.	Total emissions footprint to offset for this report	3,933
3.	Total eligible offsets required for this report	3,933
4.	Total eligible offsets purchased and retired for this report	3,953
5.	Total eligible offsets banked to use toward next year's report	20

## Co-benefits

### **Midilli Hydroelectric power plant in Turkey**

Significant positive employment effects occurred especially during the construction and installation period. Management, operation, and maintenance of the HPP creates permanent jobs which require high qualification, contributing to capacity building and know-how dissemination in Turkey. Moreover, since it is a renewable energy project, it contributes to achieve nationally stated sustainable development priorities which were indicated like in the law on use of renewable energy resources for electricity generation. Introduction purpose of this Law; the use of renewable energy resources for electrical energy generation to spread these resources to the economy in a reliable, economical, and quality manner, decreasing greenhouse gas emissions, utilizing wastes, protecting the environment, and developing the manufacturing sector needed to achieve these objectives. Moreover, sustainable development goals outcomes and the actual results of the contributed sustainable development indicators by the project during the monitoring period such as Climate Action and Affordable and clean energy.

### **2.5 MW WIND POWER GENERATION PROJECT OF C.J.SHAH & CO in Maharashtra, India**

The project activity consists of renewable energy based power generation facility at Dhule and Sangli districts in the state of Maharashtra in India. The local populace welcomes wind power projects and the associated benefits like creation of employment, improvement of basic infrastructure and improvement of electricity supply.

The 2.5 MW WIND POWER GENERATION PROJECT OF C.J.SHAH & CO in Maharashtra, India credits are stapled with an Australian vegetation offset from Bendigo, Victoria (see project details on the following page). The project is ambitious, encompassing regenerative farming, threatened species recovery and work into bio-links.

# Orana Park

Orana Park is a 4,500ha farm northwest of Bendigo, Victoria owned and operated by the Tiverton Agriculture Impact Fund (TAIF).

TAIF's work with Orana Park will see the full restoration of riparian vegetation along the banks of the 33km Loddon river as well as a purpose-built wildlife sanctuary.

Orana Sanctuary has been built for Australian threatened species protection and breeding on 200ha of predator- proof land.

The sanctuary will become a new home for the critically endangered Eastern Bettong and Bush Stone Curlew incubation and recovery programs.

Size  
Hectares

4,580

Riparian  
Protection

33km

Biodiversity  
Corridors

800ha

Soil  
Sequestration

300,000t CO2

Threatened  
Species

Eastern Bettong

NCU  
Allocation

95,000



MT ROTHWELL  
NATURAL CAPITAL



## Eligible offsets retirement summary

Offsets cancelled for Climate Active Carbon Neutral Certification											
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity (tCO <sub>2</sub> -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Midilli Hydroelectric Power Plant.- Turkey	VCU	Verra	13 July 2022	<a href="#">12430-410522605-410526337-VCS-VCU-290-VER-TR-1-1330-01012015-31122015-0</a>	2015	0	3,733	0	0	3,733	95%
2.5 MW WIND POWER GENERATION PROJECT OF C.J.SHAH & CO in Maharashtra in India – stapled with Natural Capital Unit	VCU	Verra	13 July 2022	<a href="#">9228-75544119-75544338-VCS-VCU-337-VER-IN-1-268-01012016-27032016-0</a>	2016	220	220	0	20	200	5%
<b>Total offsets retired this report and used in this report</b>										3,933	
<b>Total offsets retired this report and banked for future reports</b>									3,953		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Verified Carbon Units (VCUs)	3,933	100%

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) Summary

N/A.

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

<b>1. Large-scale Generation certificates (LGCs)*</b>	0
<b>2. Other RECs</b>	0

\* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location	
N/A										
<i>Total LGCs surrendered this report and used in this report</i>										

## APPENDIX A: ADDITIONAL INFORMATION

N/A.

# APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a location-based approach.

## Location-based method

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

## Market-based method

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

## Organisation Operations

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kgCO2e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0%</b>
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	454	0	19%
Residual Electricity	1,945	2,087	0%
<b>Total grid electricity</b>	<b>2,399</b>	<b>2,087</b>	<b>19%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>2,399</b>	<b>2,087</b>	<b>19%</b>
Electricity renewables	454	0	
Residual Electricity	1,945	2,087	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emission Footprint (kgCO2e)		2,087	
<b>Total renewables (grid and non-grid)</b>			<b>18.93%</b>
<b>Mandatory</b>			<b>18.93%</b>
<b>Voluntary</b>			<b>0.00%</b>
<b>Behind the meter</b>			<b>0.00%</b>
<b>Residual Electricity Emission Footprint (TCO2e)</b>			<b>2</b>

*Figures may not sum due to rounding. Renewable percentage can be above 100%*



### Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Emissions (kgCO2e)
ACT	0	0
NSW	2,399	2,159
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>2,399</b>	<b>2,159</b>
ACT	0	0
NSW	0	0
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>2,399</b>	<b>2,159</b>

**Emission Footprint (TCO2e)**

**2**

### Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
N/A	0	0

*Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.*

## Electricity Product

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kgCO <sub>2</sub> e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0%</b>
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	824,755	0	19%
Residual Electricity	3,533,264	3,791,477	0%
<b>Total grid electricity</b>	<b>4,358,019</b>	<b>3,791,477</b>	<b>19%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>4,358,019</b>	<b>3,791,477</b>	<b>19%</b>
Electricity renewables	824,755	0	
Residual Electricity	3,533,264	3,791,477	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emission Footprint (kgCO <sub>2</sub> e)		3,791,477	

<b>Total renewables (grid and non-grid)</b>	<b>18.93%</b>
<b>Mandatory</b>	<b>18.93%</b>
<b>Voluntary</b>	<b>0.00%</b>
<b>Behind the meter</b>	<b>0.00%</b>
<b>Residual Electricity Emission Footprint (TCO<sub>2</sub>e)</b>	<b>3,791</b>

*Figures may not sum due to rounding. Renewable percentage can be above 100%*

### Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Emissions (kgCO2e)
ACT	0	0
NSW	4,358,019	3,922,217
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>4,358,019</b>	<b>3,922,217</b>
ACT	0	0
NSW	0	0
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>4,358,019</b>	<b>3,922,217</b>

Emission Footprint (TCO2e)

3,922

### Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
N/A	0	0

*Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.*

# APPENDIX C: INSIDE EMISSIONS BOUNDARY

## Non-quantified emission sources

The following sources emissions have been assessed as attributable, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

Relevant-non-quantified emission sources	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
Base building electricity	Yes	No	No	No

## Excluded emission sources

Attributable emissions sources can be excluded from the carbon inventory, but still considered as part of the emissions boundary if they meet **all three of the below criteria**. An uplift factor may not necessarily be applied.

1. A data gap exists because primary or secondary data cannot be collected (**no actual data**).
2. Extrapolated and proxy data cannot be determined to fill the data gap (**no projected data**).
3. An estimation determines the emissions from the process to be **immaterial**.

	No actual data	No projected data	Immaterial
N/A			

## APPENDIX D: OUTSIDE EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to a product or service (do not carry, make or become the product/service) and are therefore not part of the carbon neutral claim. To be deemed attributable, an emission must meet two of the five relevance criteria. Emissions which only meet one condition of the relevance test can be assessed as non-attributable and therefore are outside the carbon neutral claim. Non-attributable emissions are detailed below.

Relevance test					
Non-attributable emission	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.</i>

N/A



An Australian Government Initiative

