

PUBLIC DISCLOSURE STATEMENT

AGL ENERGY LIMITED

PRODUCT CERTIFICATION SOLAR SYSTEMS CY2023

Australian Government

Climate Active Public Disclosure Statement





An Australian Government Initiative



NAME OF CERTIFIED ENTITY	AGL ENERGY LIMITED
REPORTING PERIOD	1 January 2023 - 31 December 2023 (Arrears)
DECLARATION	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.
	All.
	Ryan Warburton Group General Manager, Electrification, Innovation & C&I Customers
	Date 22/11/2024
	Note: you can submit this document to Climate Active unsigned. The Climate Active team will invite you to sign this document once they have completed their review.



Australian Government

Department of Climate Change, Energy, the Environment and Water

Public Disclosure Statement documents are prepared by the submitting organisation. The material in Public Disclosure Statement documents represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Statement documents and disclaims liability for any loss arising from the use of the document for any purpose.

Version: January 2024

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	2,995.91 tCO ₂ -e
CARBON OFFSETS USED	5% ACCUs, 95% VERs
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: Environmental Resources Management (ERM)
TECHNICAL ASSESSMENT	14/04/2021 Adina Cirtog, Pangolin Associates Next technical assessment due: CY2024

Contents

1.	Certification summary	3
2.	Carbon Neutral Information	4
3.	Emissions boundary	6
4.	Emissions reductions	9
5.	Emissions summary	.11
6.	Carbon offsets	.14
7. Re	newable Energy Certificate (REC) summary	.17
Арре	ndix A: Additional information	.18
Appe	ndix B: Electricity summary	.22
Арре	ndix C: Inside emissions boundary	.23
Арре	ndix D: Outside emission boundary	.24

2. CARBON NEUTRAL INFORMATION

Description of product certification

This public disclosure statement supports the carbon neutral product certification for the supply and installation of solar systems provided by AGL Energy Services Pty Limited or Sustainable Business Energy Solutions Pty Ltd, both being subsidiary entities of AGL Energy Limited (AGL). This includes the Life Cycle Assessment of the solar installation and quantification of Scope 1, 2 and 3 emissions associated with the retail operations component.

The emissions reported here are for CY2023 which is the third year of certification.

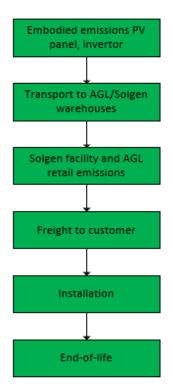
In June 2021, AGL launched a certified Carbon Neutral Solar product to all AGL residential customers and to opt-in business customers. Solar systems are sold to residential customers as part of a solar and battery bundle. Our certified Carbon Neutral Solar product is provided to all AGL residential customers and to business customers who opt-in. Solar systems are sold to residential customers as part of a solar and battery bundle. 'Solar product' includes all components and services associated with the supply and installation of solar systems sold by AGL Energy Limited's subsidiary businesses.

Scope

- Functional unit: tCO₂-e/kW of solar photovoltaic system installed will be used as a quantifiable reference to the associated greenhouse gas emissions for the Solar product. The life cycle assessment was conducted over the product warranty of the solar system (which is assumed to be ten years).
- Offered as: Opt-in for Commercial customers (C&I) and full coverage for residential customers.
- Life cycle: cradle-to-grave

The responsible entity for this product certification is AGL Energy Limited, ABN 74115061375

This Public Disclosure Statement includes information for CY2023 reporting period.



Process map for Solar photovoltaic systems

Organisation description

AGL is a leading integrated essential service provider, with a proud history of innovation. AGL is committed to providing our customers simple, fair and accessible essential services as they decarbonise and electrify the way they live, move and work. We deliver around 4.3 million customer services across energy and telecommunications to our residential, small and large business, and wholesale customers across Australia. We operate the largest electricity generation portfolio in Australia, with an operated generation capacity of 8,735 MW (as at 30 June 2023)¹. AGL's operated generation accounted for approximately 20% of the total generation within the National Electricity Market in FY23. AGL operates the largest renewable and storage portfolio of any ASX-listed company, as at 30 June 2023.

AGL includes related bodies, such as: Data and telecommunications provider Southern Phone Company Limited, which trades as AGL Telecommunications and as Southern Phone Company and sells telecommunications products under both brands.

- Southern Phone Company is one of the largest providers of fixed line, mobile and Internet communications services in regional Australia. Formed in 2002 with a vision to provide regional communities with affordable telecommunications services, Southern Phone Company now serves a national customer base, and operates out of its metropolitan and regional offices.
- AGL Telecommunications launched its first telecommunications products, offering internet services, in November 2020. This was followed by its launch of mobile SIM plans in February 2021.
- New energy providers AGL Energy Services Pty Ltd sells energy solutions to residential customers based in Queensland, New South Wales, Victoria and South Australia, including solar and battery bundles and battery storage solutions. Sustainable Business Energy Solutions Pty Ltd (trading as AGL Energy Solutions) sells energy solutions to business customers including solar, battery storage, stand-alone power systems, energy efficient lighting and Power Factor Correction. It operates in all Australian states and territories and offers an end-to-end design, project management and installation service for all energy solutions sold.
- Energy retailers AGL Sales Pty Limited; AGL South Australia Pty Limited; AGL Retail Energy Limited ("AGL energy retail entities") and Perth Energy Pty Ltd.
 - AGL energy retail entities provide gas and electricity services to residential and business customers across New South Wales, Victoria, South Australia, Queensland and Western Australia. Offering a range of energy plans to suit varying preferences, customers can sign up to our products and services via our digital channels (AGL website, AGL app, My Account) or by calling the AGL contact centre.
 - AGL | Perth Energy supplies contestable gas and electricity business customers connected to the Western Power and ATCO gas networks in Western Australia including regional areas such as Albany, Geraldton and Kalgoorlie for electricity, and Geraldton for gas.
 - The accelerating pace of the climate transition, along with the shaping forces of customers, the community and technology, has led to significant changes to the landscape in which AGL operates.

¹ Capacity as at 30 June 2023. <u>https://www.agl.com.au/content/dam/digital/agl/documents/about-agl/investors/2023/230810-agl-energy-limited-annual-report-2023-4-4-asx.pdf</u>

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' of a product or service. These attributable processes are services, materials and energy flows that become the product or service, make the product or service and carry the product or service through its life cycle. These attributable emissions 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

Quantified Product

Embodied emissions of solar panels and inverter

Embodied emissions of parts used in installation (racking, bolts etc.)

Transportation from manufacturer to AGL Solgen warehosue

Solgen electricity, liquid fuel, waste and water

Vehicle transport to site for install

Installation and maintenance

End of life emissions in product disposal

Quantified Retail

Electricity incl. base building

Professional services

ICT services and equipment

Cleaning and chemicals

Office supplies and services

Postage, courier and logistics

Travel expenses

Machinery and vehicles

Construction materials and construction

Transport (air)

Transport (land and sea)

Accommodation

Food & beverage

Waste

Water

Employee commute

Working from home

Non-quantified

N/A

ntinea

Credits from electricity generated over the lifetime of the solar

Non-attributable

Outside emission

boundary

system

Cleaning of the panels

Optionally included

N/A

Product / Service process diagram

The following diagram is cradle to grave.

Upstream emissions	Embodied Emissions Embodied emissions of solar panels and inverter Embodied emissions of parts used in installation (racking, bolts etc.) Freight Freight of products imported from manufacturer to AGL Solgen warehouses 	 Excluded emission sources Credits from electricity generated over the lifetime of the solar system Cleaning of the panels
Production/Service delivery	 AGL Retail Operations Electricity incl. base building Professional services ICT services and equipment Cleaning and chemicals Office supplies and services Postage, courier and logistics Travel expenses Machinery and vehicles Construction materials and construction Transport (air) Transport (land and sea) Accommodation Food & beverage Waste Water Employee commute Working from home 	 Service Delivery Solgen electricity, liquid fuel, waste and water Fuel used in transport to install Installation and maintenance fuel and energy
Downstream emissions	End-of-Life End of life emissions in product disp 	osal

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

AGL has a strong track record of delivering action on climate change and the energy transition and provide a range of products and services to help our customers decarbonise their businesses and homes.

We have committed, through our Climate Transition Action Plan (CTAP), to achieve the following:

- Close Loy Yang A Power Station by the end of FY35². This targeted exit from coal-fired generation, up to a decade earlier than previously announced, would avoid up to 200 MtCO₂-e of greenhouse gases being emitted compared to the previously planned Loy Yang A Power Station closure date.³
- Reduce our annual greenhouse gas emissions by at least 17% compared to a FY19 baseline, from FY24 following the closure of Liddell Power Station in April 2023.^{4,5}
- Reduce our annual greenhouse gas emissions by at least 52% compared to a FY19 baseline, by FY35 following the closure of the Bayswater Power Station by 2033.^{5,6}
- Be Net Zero for operated Scope 1 and 2 greenhouse gas emissions following the closure of all AGL's coal-fired power stations.
- Develop a decarbonisation pathway to achieve our ambition of being Net Zero for Scope 3 greenhouse gas emissions by 2050.
- Seek to supply our customer demand with ~12 GW of additional renewable and firming capacity, requiring a total investment of up to \$20 billion before 2036.⁶ Our initial target is to have up to 5 GW of new renewables and firming capacity in place by 2030, funded from a combination of assets on our balance sheet, offtakes and via partnerships.
- Our plan recognises that a balance needs to be struck between responsible transition and rapid decarbonisation, to keep Australia's electricity supply secure, reliable and affordable. We are committed to working constructively with our stakeholders, including government, our people and the communities in which we operate, to lead a responsible and orderly transition.

² The ability for AGL to execute on this target will be subject to uncertainties and risks, as described on page 12 of AGL's Climate Transition Action Plan.

³ Maximum emissions avoidance estimated based on maximum annual output from Loy Yang A Power Station over the FY36 - FY46 period.

⁴ Operated Scope 1 and 2 greenhouse gas emissions, as reported under the National Greenhouse and Energy Reporting Act 2007, against a FY19 baseline.

⁵ FY24 and FY35 represent the first full financial years where no emissions from Liddell and Bayswater power stations occur following the closure of these power stations in April 2023 (FY23) and CY33 (FY34) respectively.

⁶ Based on capital cost estimates from AEMO Inputs, Assumptions and Scenarios Workbook, June 2022, adjusted for AGL views where considered appropriate.

Emissions reduction actions

AGL's operational emissions reduction actions primarily relate to the closure of our coal-fired power stations as outlined in our CTAP released in September 2022.

In April 2023 AGL's Liddell Power Station ceased generation. Decommissioning commenced in FY23. Additionally, as stated in our 2022 CTAP, AGL will develop a decarbonisation pathway to achieve our ambition of being Net Zero for Scope 3 greenhouse gas emissions by 2050.

5.EMISSIONS SUMMARY

Emissions over time

C&I Solar

Emissions since base year				
		Total tCO ₂ -e	Emissions intensity of the functional unit	
Base year/Year 1:	CY2021	131.78	3.95	
Year 2:	CY2022	469.22	1.76	
Year 3:	CY2023	0	2.79	

* Please note that there were no carbon neutral sales for C&I solar systems in CY2023

Residential Solar

Emissions since base year				
		Total tCO ₂ -e	Emissions intensity of the functional unit	
Base year/Year 1:	CY2021	659.99	2.13	
Year 2:	CY2022	1,769.36	1.74	
Year 3:	CY2023	2,995.65	2.56	

Significant changes in emissions

C&I Solar Systems

Significant changes in emissions			
Attributable process	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Reason for change
Embodied emissions – solar panel	327.71	140,992.60	Solar panel emission factor applied based on area size (sqm) and system capacity (kW).

Residential Solar Systems

Significant changes in emissions			
Attributable process	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Reason for change
Embodied emissions – solar panel	1,272.19	2,564.65	Solar panel emission factor applied based on area size (sqm) and system capacity (kW).

Use of Climate Active carbon neutral products, services, buildings or precincts

N/A

Emissions summary

C&I Solar

C&I is an opt-in carbon neutral product. The below summary represents entire product/service.

Life cycle stage / Attributable process / Emission source	tCO ₂ -e
Embodied emissions (panel, inverter, mounting)	156,023.63
Freight (land and sea)	748.53
Installation and maintenance	3,782.85
Solgen warehouse (energy, fuel, waste and water)	61.88
AGL retail emissions	728.42
Attributable emissions (tCO2-e)	161,345.30

Product / Service offset liability		
Emissions intensity per functional unit (tCO ₂ -e/kW installed)	2.79	
Emissions intensity per functional unit including uplift factors	N/A	
Number of functional units covered by the certification (kW installed)	0	
Total emissions (tCO ₂ -e) to be offset	0	

Residential Solar

Product / Service offset liability		
Emissions intensity per functional unit (tCO2-e/kW installed)	2.56	
Emissions intensity per functional unit including uplift factors	N/A	
Number of functional units covered by the certification (kW installed)	1,170.51	
Total emissions (tCO2-e) to be offset	2,995.91	

Residential is a completely carbon neutral product. The below summary represents the entire product/service.

Life cycle stage / Attributable process / Emission source	tCO ₂ -e
Embodied emissions (panel, inverter, mounting)	2,884.25
Freight (land and sea)	15.77
Installation and maintenance	76.51
Solgen warehouse (energy, fuel, waste and water)	1.25
AGL retail emissions	18.13
Attributable emissions (tCO2-e)	2,995.91

6.CARBON OFFSETS

Eligible offsets retirement summary

Offsets retired for Climate Active certification

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Australian Carbon Credit Units (ACCUs)	150	5%
Verified Emissions Reductions (VERs)	2,846	95%

Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity retired (tCO ₂ -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 (%)
Darling River Conservation Initiative Site #9	ACCUs	ANREU	29/7/2024	ERF132688 8,332,823,679 - 8,332,829,393 (Appendix A for transaction record)	2021-22	0	150	0	0	150	5%
TASC Clean Cooking PoA - VPA 3 (Zambia)	VERs	GSF Registry	29/7/2024	<u>GS1-1-ZM-GS11596-</u> <u>16-2022-25995-</u> <u>152691-153329</u>	2022	0	639	0	0	639	21%
Circle Gas LPG Smart Meter Program in Kenya	VERs	GSF Registry	29/7/2024	<u>GS1-1-KE-GS11331-</u> <u>16-2022-26341-5001-</u> <u>6331</u>	2022	0	1,331	0	0	1,331	44%
Production and dissemination of Ceramic Water Purifiers by Hydrologic, in the Kingdom of Cambodia (GS1020)	VERs	GSF Registry	8/4/2021	<u>GS1-1-KH-GS1020- 16-</u> <u>2019-20065-3322-</u> <u>6176</u>	2019	0	2,855	2,206	0	649	22%
Production and dissemination of Ceramic Water Purifiers by Hydrologic, in the Kingdom of Cambodia (GS1020)	VERs	GSF Registry	8/4/2021	<u>GS1-1-KH-GS1020-</u> <u>16-2019-20065-2718-</u> <u>3321</u>	2019	0	604	377	0	227	8%
					Tota	l offsets reti	red this repo	ort and used in	n this report	2,996	
				Total offsets	retired this	report and b	anked for fu	ture reports	0		

Co-benefits

Not all offset units are created equal. There's a wide range of offsets that differ in source, methodology and price. AGL undertakes a rigorous selection process when it comes to the offsets we purchase. The eligible offsets we buy meet the Carbon Neutral Standard integrity requirements set by Climate Active. There are many different offset methodologies. Some include reforestation, renewable energy, or energy efficiency projects that generate eligible offsets; projects that involve the destruction of certain industrial gases; and projects that involve the capture and destruction of methane from landfills and certain agricultural activities. Many of these projects also provide additional positive environmental and social benefits. We believe that the projects we've chosen will make a real difference. Listed below are some representative examples of projects in respect of which we have purchased offsets.

International Projects	Project ID	Description
TASC Clean Cooking Zambia	GS11596	The goal of the project is to distribute improved cookstoves (ICS) to households in Zambia. The project ICS combust biomass fuels more efficiently, reducing the greenhouse gas (GHG) emissions and particulate emissions (PM), thus improving the indoor air quality in project households. Due to the higher thermal efficiency of the ICS relative to the 3-stone fires, the ICS reduce the amount of non- renewable biomass fuel required for meeting similar thermal energy needs. Some of the SDG associated with this project include Goal1: No Poverty, Goal 3: Good Health & Well-being, Goal 8: Decent Work & Economic Growth, and Goal 13: Climate Action.
Circle Gas LPG Smart Meter Program in Kenya	GS11331	UN Sustainability Development Goals associated with this project are Goal 3: Good Health & Well-being, Goal 5: Gender Equality, Goal 7: Affordable and Clean Energy, Goal 8: Decent Work & Economic Growth and Goal 13:Climate Action
Production and dissemination of Ceramic Water Purifiers by Hydrologic, in the Kingdom of Cambodia	GS1020	UN Sustainability Development Goals associated with this project are Goal 3: Good Health & Well-being, Goal 13: Climate Action and Goal 15: Life on Land

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) Summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

Transaction ID	AU35021
Current Status	Completed (4)
Status Date	29/07/2024 14:47:59 (AEST) 29/07/2024 04:47:59 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Lao, Ly Kheng
Transaction Approver	Merrington, Jane
Comment	Retired on behalf of AGL CY2023 Solar Carbon Neutral Certification under Climate Active
Transferring Account	Acquiring Account

transferring Account			Addaming Account				
Account AU-26 Number	380	Account Number	AU-1068				
Account Name AGL H	Hydro Partnership	Account Name	Australia Voluntary Cancellation				
Account Holder AGL H	HP1 Pty Limited		Account				
		Account Holder	Commonwealth of Australia				

Transaction Blocks

<u>Party</u>	<u>Түре</u>	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	<u>Vintage</u>	Expiry Date	Serial Range	<u>Quantity</u>
AU	KACCU	Voluntary ACCU Cancellation			ERF132688					2021-22		8,332,823,679 - 8,332,823,828	150

Transaction Status History

Status Date	Status Code
29/07/2024 14:47:59 (AEST) 29/07/2024 04:47:59 (GMT)	Completed (4)
29/07/2024 14:47:59 (AEST) 29/07/2024 04:47:59 (GMT)	Proposed (1)
29/07/2024 14:47:59 (AEST) 29/07/2024 04:47:59 (GMT)	Account Holder Approved (97)
29/07/2024 11:52:58 (AEST) 29/07/2024 01:52:58 (GMT)	Awaiting Account Holder Approval (95)

Credits 🔿 VER 152691 — 153329							
PROJECT ISSUED TO	TASC Clean Cooking PoA - VPA 3 (Zambia) (GS11596)	VIEW PROJECT					
PROJECT'S POA	TASC Clean Cooking PoA (GS11009) VIEW POA						
SERIAL NUMBER	GS1-1-ZM-GS11596-16-2022-25995-152691-153329						
STATUS	↓↓ Retired	PRODUCT	VER				
NUMBER OF CREDITS	639	MONITORING PERIOD	Jul 24, 2022 — Jun 02, 2023				
ISSUANCE DATE	Jan 16, 2024	VINTAGE	2022				

RETIREMENT DETAILS

RETIREMENT DATE	Jul 29, 2024 VIEW CERTIFICATE VIEW RETIREMENT
RETIREMENT NOTE	Retired on behalf of AGL CY2023 Solar Carbon Neutral Certification under Climate Active (This note is private. Only you can see it.)
USING ENTITY	AGL (This entity is private. Only you can see it.)
USE CASE	Voluntary
USE CASE AUTHORISATION	Not Applicable

Credits 🔶 VE	R 5001 — 6331			ACTIONS -
PROJECT ISSUED TO	Circle Gas LPG Smart Meter Program in Kenya (GS11331) VIEW PROJECT		
PROJECT'S POA	Circle Gas LPG Smart Meter Program (GS11330) VIE	W POA		
SERIAL NUMBER	GS1-1-KE-GS11331-16-2022-26341-5001-6331			
STATUS	↓↓ Retired	PRODUCT	VER	
NUMBER OF CREDITS	1331	MONITORING PERIOD	Jul 01, 2022 — Mar 31, 2023	
ISSUANCE DATE	Mar 15, 2024	VINTAGE	2022	

RETIREMENT DETAILS

RETIREMENT DATE	Jul 29, 2024 VIEW CERTIFICATE VIEW RETIREMENT
RETIREMENT NOTE	Retired on behalf of AGL CY2023 Solar Carbon Neutral Certification under Climate Active (This note is private. Only you can see it.)
USING ENTITY	AGL (This entity is private. Only you can see it.)
USE CASE	Voluntary
USE CASE AUTHORISATION	Not Applicable

Credits 🗢 VER 6332 — 7510							
PROJECT ISSUED TO	CT ISSUED TO Circle Gas LPG Smart Meter Program in Kenya (GS11331) VIEW PROJECT						
PROJECT'S POA	Circle Gas LPG Smart Meter Program (GS11330) VIEW POA						
SERIAL NUMBER	GS1-1-KE-GS11331-16-2022-26341-6332-7510						
STATUS	↓↓ Retired	PRODUCT	VER				
NUMBER OF CREDITS	1179	MONITORING PERIOD	Jul 01, 2022 — Mar 31, 2023				
ISSUANCE DATE	Mar 15, 2024	VINTAGE	2022				

RETIREMENT DETAILS

RETIREMENT DATE	Jul 29, 2024 VIEW CERTIFICATE VIEW RETIREMENT		
RETIREMENT NOTE	Retired on behalf of AGL for CY2023 Batteries Carbon Neutral Certification under Climate Active (This note is private. Only you can see it.)		
USING ENTITY	AGL (This entity is private. Only you can see it.)		
USE CASE	Voluntary		
USE CASE AUTHORISATION	Not Applicable		

APPENDIX B: ELECTRICITY SUMMARY

N/A

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following emissions sources 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 <u>one</u> of the following reasons:

- 1. Immaterial <1% for individual items and no more than 5% collectively
- 2. <u>Cost effective</u> Quantification is not cost effective relative to the size of the emission but uplift applied.
- 3. <u>Data unavailable</u> 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	Justification reason
N/A	

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).

Emissions Source	No actual data	No projected data	Immaterial
N/A			

Data management plan for non-quantified sources

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

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.

- 1. <u>Size</u> The emissions from a particular source are likely to be large relative to other attributable emissions.
- 2. Influence The responsible entity could influence emissions reduction from a particular source.
- <u>Risk</u> The emissions from a particular source contribute to the responsible entity's greenhouse gas risk exposure.
- 4. <u>Stakeholders</u> The emissions from a particular source are deemed relevant by key stakeholders.
- <u>Outsourcing</u> The emissions are from outsourced activities that were previously undertaken by the responsible entity or from outsourced activities that are typically undertaken within the boundary for comparable products or services.

Non-attributable emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Credits from electricity generated over the lifetime of the solar system	N	N	N	N	N	 Size: This emissions source would not have any increase on the emissions, and there is a risk in double-counting credits if it were to be included. Influence: We do not have the potential to influence the emissions from this source, as this activity is carried out by the customer at their Discretion Risk: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our product Stakeholders: We have not previously undertaken this activity within our emissions boundary and comparable products/services do not typically undertake this activity within their boundary. Outsourcing: We do not have the potential to influence the emissions from this source, as this activity is carried out by the customer at their discretion.
Cleaning of panels	N	N	Ν	Ν	N	 Size: The emissions source is immaterial and is not likely to be large compared to other attributable emissions. Influence: We do not have the potential to influence the emissions from this source, as this activity is carried out by the customer at their discretion. Risk: There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public, are unlikely to consider this a relevant source of emissions for our product. Size: The emissions source is immaterial and is not likely to be large compared to other attributable emissions. Influence: We do not have the potential to influence the emissions from this source, as this activity is carried out by the customer at their discretion. Risk: There are no relevant laws or regulations that apply to be large compared to other attributable emissions. Influence: We do not have the potential to influence the emissions from this source, as this activity is carried out by the customer at their discretion. Risk: There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest. Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our product.





An Australian Government Initiative