



PUBLIC DISCLOSURE STATEMENT

AUSTRALIAN ESSENTIAL SERVICES GROUP

**ORGANISATION CERTIFICATION
CY2024**

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Australian Essential Services Group
REPORTING PERIOD	1 January 2024 – 31 December 2024 Arrears report
DECLARATION	<p><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></p> <p><i>Jane Rosham</i></p> <p>Jane Rosham General Manager 4 February 2026</p>



Australian Government
**Department of Climate Change, Energy,
the Environment and Water**

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Version 9.1.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	205 tCO ₂ -e
CARBON OFFSETS USED	100% ACCUs
RENEWABLE ELECTRICITY	18.48%
CARBON ACCOUNT	Prepared by: Pangolin Associates Ltd
TECHNICAL ASSESSMENT	Date: CY2023 Organisation – Pangolin Associates Pty Ltd Next technical assessment due: CY2026

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2. CERTIFICATION INFORMATION

Description of organisation certification

This organisation certification is for the business operations of Australian Essential Services Group Pty Ltd (AESG), ABN 15 096 873 004. The services provided by AESG are not included as part of this certification.

The organisational boundary included the following locations and facilities:

- Head Office, located at Level 1, 77 Upper Heidelberg Road, Ivanhoe Victoria 3079
- Field Inspectors who operate throughout Victoria, NSW, SA, Queensland, WA, ACT, NT, and Tasmania

This Public Disclosure Statement includes information for CY2024 reporting period.

Organisation description

Australian Essential Services Group is a national independent auditor providing fire safety services. Our specialized audits review the maintenance and compliance of fire equipment, building essential safety measures and building health and safety. Our services extend to compliance consultation for properties under Building Notice Orders, providing insurance reports, in-depth investigation, and management of combustible cladding works, as well as fire door tagging and compliance, evacuation diagrams, slip testing and ten-year maintenance plans.

Our long-standing relationships with our clients extend back to our establishment in 1996 and we now provide services to more than 800 organisations across Australia. We provide our auditing and safety measures services to owners' corporations, property management, aged care, health services, government and semi-government organisations, industrial, retail, and commercial clients.

AESG has auditors located in metropolitan Melbourne and throughout regional Victoria, Sydney and regional New South Wales, Brisbane, Adelaide, Perth, Darwin and in Tasmania. We are committed to supporting regional communities through local employment.

Our operations are based in Melbourne, where our team coordinates the completion and delivery of more than 25,000 inspections and real-time reports each year. Our Quality Management System has been certified with ISO 9001 (2015) accreditation.

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 relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

Non-quantified emissions have been assessed as relevant 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

Excluded emissions are those that have been assessed as not relevant to an organisation's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.

Inside emissions boundary

Quantified

- Accommodation and facilities
- Cleaning and chemicals
- Electricity
- Food
- ICT services and equipment
- Machinery and vehicles
- Office equipment and supplies
- Postage, courier and freight
- Products
- Professional services
- Refrigerants
- Stationary energy
- Transport (air)
- Transport (land and sea)
- Waste
- Water
- Working from home
- Climate Active carbon neutral products and services

Non-quantified

N/A

Optionally included

N/A

Outside emission boundary

Excluded

N/A

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Australian Essential Services Group's emission reduction strategy involves:

- **General Measures**
 - Measuring and reporting on our energy consumption and carbon footprint
 - Acting on opportunities to reduce our emissions by improving operational efficiencies.
- **Scope 1 emissions will be reduced by:**
 - Transitioning to low emission vehicles
 - We aim to gradually increase our hybrid fleet until 2030.
 - We aim to have a fleet of electric vehicles by the end of 2030.
 - This initiative is expected to reduce our footprint by approximately 70 t CO₂e (~32% of the total 2021 footprint) by the end of 2030.
- **Scope 2 emissions will be reduced by:**
 - Transitioning to 100% renewable electricity.
 - This initiative is expected to reduce our footprint by approximately 26.8 t CO₂e by the end of 2030.
- **Scope 3 emissions will be reduced by:**
 - Investing in technological innovations to reduce our resource consumption.
 - Continuing to employ locally, to both support regional communities and reduce our travel footprint and significantly reduce air travel.
 - Being as close as possible to being a “paperless office” and using carbon neutral paper when we need to print.
 - Reducing waste, and recycling wherever possible.
 - Encouraging our suppliers to reduce carbon impacts in our supply chain.
 - Educating and engaging our team to reduce work-related emissions;

Based on the above initiatives, Australian Essential Services Group commits to a 65% emissions intensity reduction across all scopes 1, 2 and 3 from a base year (CY2021) of 5.9 tCO₂-e per FTE by 2030 as shown below.

	2024	2025	2026	2027	2028	2029	2030
AESG Emission Reduction Target (Relative to 2021)	35.00%	40.00%	45.00%	50.00%	55.00%	60.00%	65.00%

In CY2024, AESG's full scope net emissions intensity was 4.2 tCO₂-e/FTE, representing a reduction of 28.43%, below the targeted reduction of 35.00%

Australian Essential Services Group will continue to offset our residual annual carbon emissions to achieve carbon neutrality by purchasing offsets that meet the requirements of Climate Active.

Emissions reduction actions

- Engaged a local NSW contractor for inspections to minimise the need for interstate travel.
- Purchased two additional hybrid vehicles, bringing the hybrid portion of the fleet to 16 out of 22 vehicles (approximately 75%), with full transition delayed due to limited availability of suitable models.
- Continued prioritising the purchase of recycled paper.
- Promoted the use of natural ventilation in office spaces as an alternative to air conditioning.
- Encouraged the use of public transport (train and bus) over company vehicles.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year			
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)
Base Year / Year 1:	2020	193.80	N/A
Year 2:	2021	219.70	N/A
Year 3:	2022	184.10	N/A
Year 4	2023	260.24	N/A
Year 5	2024	204.19	N/A

Significant changes in emissions

Significant changes in emissions			
Emission source	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Reason for change
Technical services	36.65	42.00	The expenditure on professional services increased from AUD 224,602.26 in CY2023 to AUD 257,355.74 in CY2024, driven by business needs.
Petrol / Gasoline post-2004 (GJ)	16.49	81.50	Petrol consumption rose from 194.38 GJ in CY2023 to 960.85 GJ in CY2024, driven by business needs.

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

Certified brand name	Product/Service/Building/Precinct used
Energy Australia	Electricity
Pangolin Associates	Consulting Services

Emissions summary

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

Emission category	Scope 1 emissions (tCO ₂ -e)	Scope 2 emissions (tCO ₂ -e)	Scope 3 emissions (tCO ₂ -e)	Total emissions (t CO ₂ -e)
Accommodation and facilities	0.00	0.00	5.16	5.16
Cleaning and chemicals	0.00	0.00	0.46	0.46
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00
Food	0.00	0.00	5.09	5.09
ICT services and equipment	0.00	0.00	9.13	9.13
Machinery and vehicles	0.00	0.00	1.74	1.74
Office equipment and supplies	0.00	0.00	2.60	2.60
Postage, courier and freight	0.00	0.00	0.52	0.52
Products	0.00	0.00	0.37	0.37
Professional services	0.00	0.00	47.89	47.89
Refrigerants	1.42	0.00	0.00	1.42
Stationary energy	0.00	0.00	0.00	0.00
Transport (air)	0.00	0.00	14.22	14.22
Transport (land and sea)	75.92	0.00	37.61	113.53
Waste	0.00	0.00	1.57	1.57
Water	0.00	0.00	0.07	0.07
Working from home	0.00	0.00	0.41	0.41
Total emissions (tCO₂-e)	77.33	0.00	126.85	204.19

Uplift factors

Reason for uplift factor	tCO ₂ -e
N/A	
Total of all uplift factors (tCO ₂ -e)	0.00
Total emissions footprint to offset (tCO₂-e) <i>(total emissions from summary table + total of all uplift factors)</i>	204.19

6. CARBON OFFSETS

Eligible offsets retirement summary

Offsets retired for Climate Active certification

Type of offset unit	Quantity used for this reporting period	Percentage of total units used
Australian Carbon Credit Units (ACCUs)	205	100%

Project name	Type of offset unit	Registry	Date retired	Serial number	Vintage	Total quantity retired	Quantity used in previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period	Percentage of total used this reporting period
Mapoon Carbon Project	ACCU	ANREU	06 May 2025	9,001,312,110 - 9,001,312,314	2023-24	205	0	0	205	100%
Offset Totals:						205	0	0	0	100%

Co-benefits

N/A

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

Date of transaction		06 May 2025
Transaction ID		AU41171
Type of units		KACCU
Total Number of units		205
Block 1	Serial number range	9,001,312,110 - 9,001,312,314
	ERF Project	Mapoon Carbon Project – EOP100766
	Vintage	2023-24
Transaction comment		Retired on behalf of Australian Essential Services Group for CY2024 under Climate Active

APPENDIX B: ELECTRICITY SUMMARY

There are two international best-practice methods for calculating electricity emissions – the location-based method and the market-based method. Reporting electricity emissions under both methods is called dual reporting.

Dual reporting of electricity emissions is useful, as it provides different perspectives of the emissions associated with a business's electricity usage.

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.

For this certification, electricity emissions have been set by using the market-based approach.

Market-based approach summary			
Market-based approach	Activity Data (kWh)	Emissions (kg CO ₂ -e)	Renewable percentage of total
Behind the meter consumption of electricity generated	0	0	0%
Total non-grid electricity	0	0	0%
LGC Purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	0	0	0%
Climate Active precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	0	0	0%
Precinct/Building jurisdictional renewables (LGCS surrendered)	0	0	0%
Electricity products (voluntary renewables)	0	0	0%
Electricity products (LRET)	2,743	0	18%
Electricity products jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	0	0	0%
Residual Electricity	12,098	11,010	0%
Total renewable electricity (grid + non grid)	2,743	0	18%
Total grid electricity	14,841	11,010	18%
Total electricity (grid + non grid)	14,841	11,010	18%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	12,098	11,010	
Scope 2	10,769	9,800	
Scope 3 (includes T&D emissions from consumption under operational control)	1,329	1,210	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	18.48%
Mandatory	18.48%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	9.80
Residual scope 3 emissions (t CO₂-e)	1.21
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.00
Total emissions liability (t CO₂-e)	0.00

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

Location-based approach summary						
Location-based approach	Activity Data (kWh) total	Under operational control			Not under operational control	
Percentage of grid electricity consumption under operational control	100%	(kWh)	Scope 2 Emissions (kgCO ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)	(kWh)	Scope 3 Emissions (kgCO ₂ -e)
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	14,841	14,841	11,724	1,039	0	0
QLD	0	0	0	0	0	0
NT	0	0	0	0	0	0
WA	0	0	0	0	0	0
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	14,841	14,841	11,724	1,039	0	0
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	0	0		
QLD	0	0	0	0		
NT	0	0	0	0		
WA	0	0	0	0		
TAS	0	0	0	0		
Non-grid electricity (behind the meter)	0	0	0	0		
Total electricity (grid + non grid)	14,841					

Residual scope 2 emissions (t CO₂-e)	11.72
Residual scope 3 emissions (t CO₂-e)	1.04
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.00
Total emissions liability	0.00

Operations in Climate Active buildings and precincts

Operations in Climate Active buildings and precincts	Electricity consumed in Climate Active certified building/precinct (kWh)	Emissions (kg CO ₂ -e)
N/A	0	0
<i>Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their building or precinct certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the building/precinct under the market-based method is outlined as such in the market-based summary table.</i>		

Climate Active carbon neutral electricity products

Climate Active carbon neutral electricity product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO ₂ -e)
Energy Australia	14840.79	11,009.4
<i>Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their electricity product certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the electricity product under the market-based method is outlined as such in the market-based summary table.</i>		

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following emissions sources have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. 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	Justification reason
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 EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to this organisation's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions.
2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.
3. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.
5. **Outsourcing** 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.

Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
N/A	Y / N	Y / N	Y / N	Y / N	Y / N	N/A



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