



PUBLIC DISCLOSURE STATEMENT

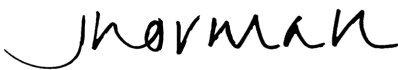
AMPLITUDE ENERGY LIMITED

**ORGANISATION CERTIFICATION
FY2024–25**

Australian Government

Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY	AMPLITUDE ENERGY LIMITED Trading as Amplitude Energy
REPORTING PERIOD	1 July 2024 – 30 June 2025 Arrears report
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>  Jane Norman Managing Director and CEO 8 July 2026



Australian Government

Department of Climate Change, Energy,
the Environment and Water

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Version 10.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	103,792 tCO ₂ -e
CARBON OFFSETS USED	4.65% ACCUs, 95.35% VCU's
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: Anthesis Australia
TECHNICAL ASSESSMENT	25 September 2024 Anthesis Australia Next technical assessment due: FY 2025-26

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2. CERTIFICATION INFORMATION

Description of organisation certification

This organisation certification is for the business operations of Amplitude Energy Limited (formerly, Cooper Energy Limited), ABN 93 096 170 295, including the subsidiaries listed in the table below.

The certification includes all of Amplitude Energy Limited's activities and operations using an equity share approach. This reflects that Amplitude Energy has an interest in both assets over which the company has operational control (i.e., is the operator), as well as assets over which another company (a joint venture partner) has operational control. Emissions from downstream transportation, distribution and combustion of gas products are excluded from the boundary of this organisation certification.

This Public Disclosure Statement includes information for FY2024-25 reporting period.

Organisation description

Amplitude Energy Limited (ASX: AEL; ABN 93 096 170 295) is an ASX-listed Australian oil and gas exploration and production company supplying natural gas, gas liquids and oil to south-eastern Australia. The Company re-branded its parent company name from Cooper Energy Limited to Amplitude Energy Limited in November 2024.

Amplitude Energy's operations are centred on two core hubs as of 30 June 2025:

- Gippsland Basin (offshore eastern Victoria)
 - 100% interest and operator of the Sole gas field (VIC/L32), processed through the Orbost Gas Processing Plant (OGPP), acquired and operated by the Company since 2023
 - 100% interest in Patricia Baleen (VIC/RL16) and Basker-Manta-Gummy (BMG) fields (VIC/RL 13, 14 & 15) and associated infrastructure. Both are currently in the non-production phase with the BMG wells safely decommissioned in Q2 2024.
 - 100% interest in the Manta gas and liquids resource
 - 100% interest in exploration permits VIC/P72, VIC/P75 and VIC/P80
- Otway Basin (offshore western Victoria)
 - 50% interest and operator of the Casino Henry Netherby (CHN) gas fields (VIC/L24, VIC/L20, VIC/L33 & VIC/L34), processed via the Athena Gas Plant (AGP) near Port Campbell
 - 100% of exploration licences VIC/P76 and VIC/P44
 - 10% non-operated interest in the Minerva field (now ceased production and in the process of being decommissioned).

Furthermore,

- Non-operated onshore production and exploration activities are conducted through joint venture arrangements across several tenements in South Australia and Victoria. Amplitude Energy holds an ownership interest of 50% or less in these onshore operations, with the exception of PEP 171

in onshore Victoria, where the Company is a non-operator but holds a 75% ownership interest.

For FY25, the Company produced approximately 26.6 petajoules of gas and 96,000 barrels of oil and condensate on an equity basis, supplying industrial and utility customers in Victoria and South Australia.

The Company's head office is in Adelaide (SA) with offices in Perth (WA) and Melbourne (VIC). As of 30 June 2025, Amplitude Energy employs around 133 full-time equivalent staff and 13 full-time equivalent contractors across its corporate and operational sites, including the OGPP and AGP.

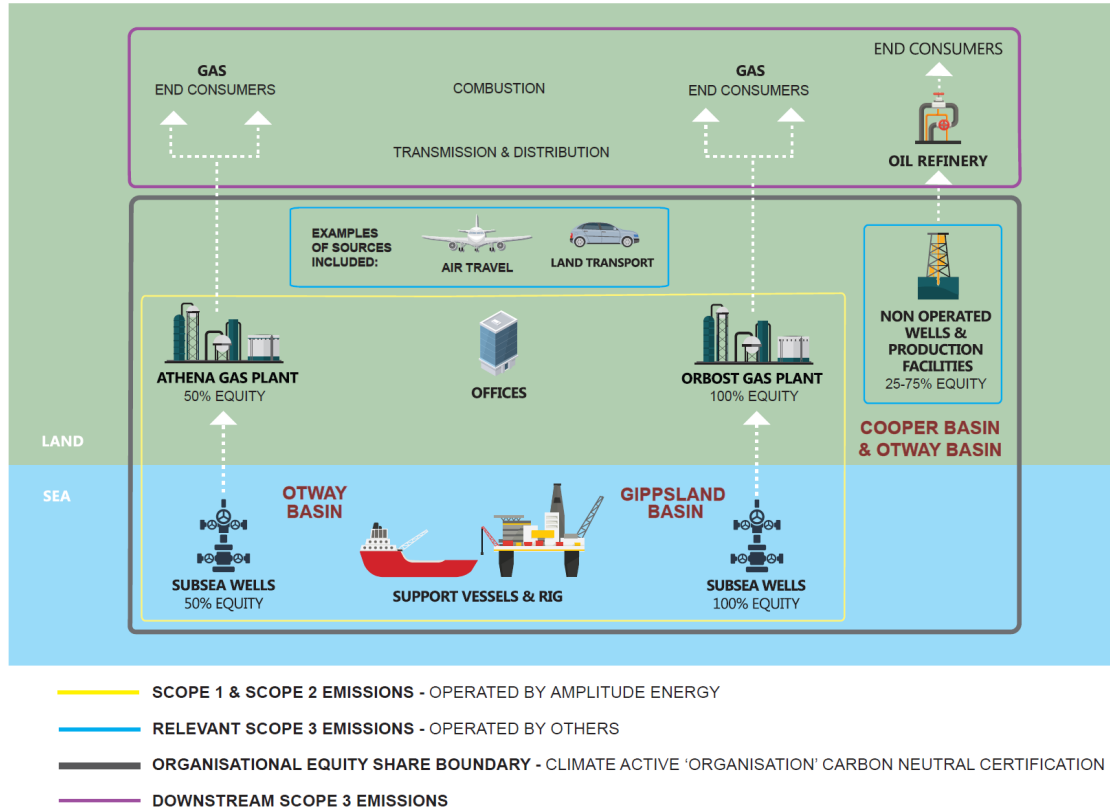
Amplitude Energy applies an equity-share approach to determine its organisational emissions boundary, reflecting its proportional ownership in both operated and non-operated assets. This method ensures emissions accounting aligns with the Company's production, cost and revenue basis. Within this boundary, Amplitude Energy reports Scope 1, Scope 2 and relevant Scope 3 emissions in accordance with Climate Active guidelines.

The following subsidiaries are also included within this certification:

Legal entity name	ABN	ACN
Somerton Energy Limited Australia	38 089 956 150	
Essential Petroleum Exploration Pty Ltd Australia	86 122 852 457	
Cooper Energy (Australia) Pty Ltd Australia	56 613 746 375	
Cooper Energy (PBF) Pty Ltd Australia	43 615 354 982	
Cooper Energy (PB Pipelines) Pty Ltd Australia	49 619 251 482	
Cooper Energy (CH) Pty Ltd Australia	70 615 355 023	
Cooper Energy (TC) Pty Ltd Australia	86 613 800 758	
Cooper Energy (MF) Pty Ltd Australia	37 615 354 955	
Cooper Energy (MGP) Pty Ltd Australia	66 615 355 005	
Cooper Energy (IC) Pty Ltd Australia	75 613 854 121	
Cooper Energy (HC) Pty Ltd Australia	73 613 906 826	
Cooper Energy (EA) Pty Ltd Australia	58 619 251 517	
Cooper Energy (Sole) Pty Ltd Australia	86 613 951 429	
Cooper Energy (VO) Pty Ltd Australia	14 631 401 244	
Cooper Energy (Marketing) Pty Ltd Australia	84 631 401 100	
Cooper Energy (BMG) Pty Ltd Australia	85 640 943 497	
Cooper Energy (CB) Pty Ltd Australia	66 640 943 353	
Cooper Energy (Finance) Pty Ltd Australia	24 640 943 175	
Cooper Energy (AGP) Pty Ltd Australia	48 641 284 282	
Cooper Energy (CS) Pty Ltd Australia	47 657 632 972	
Cooper Energy (MS) Pty Ltd Australia	93 657 633 157	
Amplitude Energy (ECSP) Pty Ltd Australia	57 683 160 081	

3.EMISSIONS BOUNDARY

Diagram of the certification 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****Scope 1 emissions:**

- Fugitive emissions: SF6 and natural gas processing and consumption
- Refrigerants
- Stationary energy (gaseous fuels)
- Stationary energy (liquid fuels)

Scope 2 emissions:

- Electricity

Scope 3 emissions:

- Accommodation and facilities
- Cleaning and chemicals
- ICT services and equipment
- Office equipment and supplies
- Postage, courier and freight
- Products
- Professional services
- Refrigerants (Third-party operated)
- Stationary energy (gaseous fuels) (Base building)
- Transport (air)
- Transport (land and sea)
- Waste
- Water
- Working from home

Non-quantified**Scope 3 emissions:**

- Capital goods
- Indirect emissions (Scope 3) associated with non-operated assets – partially reported
- Site maintenance contractors – fuel use (excluding BMG contractor's fuel consumption, vessels, and helicopters)

Optionally included

N/A

Outside emission boundary**Excluded****Scope 3 emissions:**

Downstream processing of Product by customers

Downstream transmission & distribution of Product by customers

Downstream combustion of Product by customers and consumers

Other Purchased Goods and Services - minor incidental purchases

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Amplitude Energy has a Board endorsed Energy Transition Strategy which is part of the corporate strategy and includes:

Reducing our physical Scope 1 and 2 emissions through streamlined operations and value accretive projects

Amplitude Energy has a framework for identifying, assessing and implementing emissions reduction opportunities across our business. This aligns emissions reduction activities with existing business processes and sets a continual improvement cycle. Progress against this framework is described in the next section on emissions reduction actions.

In FY2023-24 the following emissions reduction targets were set as disclosed within our FY25

[Sustainability Report](#):

1. Scope 1: Reduce greenhouse gas emissions from flaring by 40% by FY30 from FY23 at company level (on an equity basis)
2. Scope 2: Integrate renewable electricity to support Amplitude Energy operations by FY30

Demonstrating our long-term role in the energy transition

We believe that gas continues to have a role in Australia's energy future. Amplitude Energy are pursuing opportunities for our gas to be supplied to large industrial customers using gas for industrial heat and feedstock where there is no commercially viable alternative, or to displace higher emission fuels, such as diesel or coal. We are also progressing opportunities to supply our gas directly into power generation, to provide firm electricity and grid stability as coal is retired and more intermittent renewables are integrated.

Emissions reduction actions

Scope 1 Target: Reduce greenhouse gas emissions from flaring by 40% by FY30 from FY23 at company level (on an equity basis)

In FY25 the Amplitude Energy reported a 59% reduction in emissions from flaring compared to the FY23 baseline as a result of operational improvements and efficiency gains at OGPP.

Scope 2: Integrate renewable electricity to support Amplitude Energy operations

Athena Solar Project

- Amplitude Energy is progressing a 715 kW solar PV project at AGP under a build-own-operate Power Purchase Agreement (PPA) with AGL. Targeting first generation in 2026, the project is expected to supply approximately 25% of the plant's electricity demand using renewable energy, reducing Scope 2 emissions and reliance on grid power.

Other Emission Reduction Projects

As the operator of two major gas processing plants in regional Victoria, our focus through FY25 has been on improving energy efficiency and reducing physical emissions at our facilities. Emissions reduction workshops have continued, with one held at the Orbost Gas Processing Plant in Sep 2024 and at the Athena Gas Plant in Feb 2025 involving our operations and engineering teams. In FY25 3 key projects reached the execution stage or were implemented with an expected emissions reduction of 5,542 tCO₂e.

These projects are detailed below:

Offshore Mono-ethylene Glycol (MEG) injection optimisation

- A reduction in fuel gas usage by reducing the amount of MEG being reprocessed. Lean MEG is injected into the Athena Gas Plant and offshore pipelines to help reduce corrosion and the formation of hydrates in the system. When the MEG (Rich MEG) returns from the systems it contains water and impurities from the systems. The Rich MEG is reprocessed removing the water and impurities to Lean MEG so that it can be reused. The reprocessing system involves the use of a MEG regeneration unit which uses fuel to operate. The project involved reducing the amount of Lean MEG injected into the system by ¼ and therefore the reprocessing required. Reviews were undertaken with a corrosion engineer to ensure that the reduction in MEG injection did not impact Amplitude Energy's corrosion mitigation strategy. After confirmation was received from the corrosion engineer the emission reduction project was implemented and the MEG injection rates were reduced thus reducing reprocessing volumes and fuel usage.

Use of flash gas for fuel gas

- The OGPP was originally designed to capture flash gas from the Sulphur Removal Unit (SRU), remove hydrogen sulphide (H₂S), and blend the treated gas into the low-pressure (LP) fuel gas system. However, following startup, stable H₂S removal could not be achieved, and the stream was directed to the low-pressure flare. In FY25, a remediation project reinstated the H₂S removal system and trialed online fouling. This initiative achieved technical success and diverted approximately 1,000 GJ of gas from the flare to the fuel gas system, reducing emissions. Despite this success, the economics of periodic fouling remediation remain marginal compared to flaring. A further project in FY26 will focus on revamping the H₂S removal system to enable reliable, continuous operation. This work will incorporate lessons learned from similar systems onsite and is scheduled for completion during the next Total Plant Outage (TPO) in March 2027, delivering long-term reductions in flaring and associated emissions.

Redirection of bioreactor vent gas

- The bioreactor vent gas system at the OGPP was originally designed to route emissions to a thermal oxidiser (TOx) for environmental control, primarily to manage odour. During early operations, this stream was diverted to atmosphere due to an identified operational risk with this system. Recent sampling has confirmed that the vent gas contains a small molar fraction of methane. Redirecting this stream to the thermal oxidiser will significantly reduce methane emissions. Engineering work to enable this rerouting is underway in FY26.

Year	Facility	Emission source	Initiative	Estimated emissions reduction (tCO ₂ -e/yr)
FY25	Athena Gas Plant	Fuel gas (Scope 1)	Offshore MEG injection optimisation	192
FY25/26	Orbost Gas Plant	Flare gas (Scope 1)	Use flash gas for fuel gas	2,964
FY25/26	Orbost Gas Plant	Vent (Scope 1)	Redirect bioreactor vent	2,578
FY25/26	Athena Gas Plant	Electricity (Scope 2)	Solar Project	817 ⁽¹⁾

(1) National Greenhouse and Energy Reporting (Measurement) Determination 2008 (1 July 2025) Schedule 1 Part 6 Item 78 – Victoria – Emission factor kgCO₂e/kWh = 0.78

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year			
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)
Base year:	2019-20	10,488	N/A
Year 1:	2020-21	4,352	N/A
Year 2:	2021-22	25,614	N/A
Base year recalculation (full year)	2022-23	103,268	105,334
Year 3	2022-23	98,548	100,519
Year 4	2023-24	122,037	124,478
Year 5	2024-25	101,756	103,792

Amplitude Energy undertook a base year recalculation in FY2022-23 to account for the expansion of its organisation boundary since its initial base year calculation in FY2020.

FY25 has seen a decrease in gross emissions attributable to:

- Successful execution of the Basker, Manta and Gummy (BMG) wells decommissioning project in FY24, which accounted for around 13,000 tCO₂e of Scope 1 emissions and approximately 17,000 tCO₂e of relevant Scope 3 emissions.
- Significant process improvements and increased plant reliability at OGPP, resulting in a 40% decrease in emissions from flaring.

The decrease in emissions was partially offset by an increase in emissions attributable to:

- Increased fuel and fugitive emissions at OGPP associated with increased production rates
- Minor offshore project work carried out in the Otway Basin
- Minerva decommissioning project carried out in the Otway Basin (non-operated, Amplitude Energy 10% equity).

An uplift factor of 2% has been applied for non-quantified emission sources, such as ongoing annual purchases of capital goods and to address indirect emissions (fuel and energy related activities) from Scope 1 sources associated with non-operated assets and other onshore operations, as this information is not proprietary to Amplitude Energy since it does not operate these assets. Note that the non-quantified emission sources all relate to Scope 3 sources. All Scope 1 and Scope 2 sources are quantified.

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
Industrial Fugitives - Natural gas processing	29,625.17	22,778.78	The reduction in fugitive emissions is associated with a reduction in flaring at the Orbest Gas Plant in FY25. Significant work has been carried out at the Gas Plant to increase the reliability of the operations thus decreasing flaring due to lower plant upsets.
Natural gas consumed for OGPP processing activities (excluding fuel and energy related activities)	24,268.44	28,988.60	Production through the Orbest Gas Plant increased by ~24% in FY25 resulting in associated increase in fuel usage

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

Certified brand name	Product/Service/Building/Precinct used
DEXUS	385 Bourke Street, Melbourne VIC 3000

Emissions summary

The electricity summary is available in Appendix B. Electricity emissions were calculated using a location 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	34.33	34.33
Cleaning and Chemicals	0.00	0.00	1,251.30	1,251.30
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Construction Materials and Services	0.00	0.00	0.00	0.00
Electricity	0.00	1,541.93	197.44	1739.37
Food	0.00	0.00	0.00	0.00
Horticulture and Agriculture	0.00	0.00	0.00	0.00
ICT services and equipment	0.00	0.00	395.21	395.21
Machinery and vehicles	0.00	0.00	0.00	0.00
Office equipment & supplies	0.00	0.00	11.08	11.08
Postage, courier and freight	0.00	0.00	571.72	571.72
Products	0.00	0.00	1,523.02	1,523.02
Professional Services	0.00	0.00	9,803.89	9,803.89
Refrigerants	22,787.11	0.00	16.15	22,803.26
Roads and landscape	0.00	0.00	0.00	0.00
Stationary Energy (gaseous fuels)	58,661.00	0.00	10.19	58,671.19
Stationary Energy (liquid fuels)	1,932.20	0.00	41.59	1,973.79
Stationary Energy (solid fuels)	0.00	0.00	0.00	0.00
Transport (Air)	0.00	0.00	202.01	202.01
Transport (Land and Sea)	228.61	0.00	188.66	417.27
Waste	0.00	0.00	2,325.08	2,325.08
Water	0.00	0.00	23.13	23.13
Working from home	0.00	0.00	10.73	10.73
Total emissions (tCO₂-e)	83,608.92	1,541.93	16,605.48	101,756.37
<i>Figures may not sum to total due to rounding.</i>				

Refrigerants as an emissions category is also including other type of industrial fugitive emissions: SF6 and natural gas processing and consumption.

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions that cannot be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	tCO ₂ -e
2% uplift to account for non-quantified sources where data is unavailable (indirect emissions from Scope 3 associated with non-operated assets and contractor fuel usage at onshore operations) and to account for ongoing annual purchase of goods/services	2,035.13
Total of all uplift factors (tCO ₂ -e)	2,035.13
Total emissions footprint to offset (tCO₂-e) <i>(total emissions from summary table + total of all uplift factors)</i>	103,792

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 (ACCU)	4,826	4.65%
Verified Carbon Units (VCUs)	98,966	95.35%

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
Biodiverse Carbon Conservation Morella	ACCU	ANREU	20/12/2023	8,409,940,162 - 8,409,945,895	2023-24	5,734	3,908	0	1,826	1.76%
Corangamite Landfill Gas Project	ACCU	ANREU	27/06/2025	9,032,223,098 - 9,032,225,656	2024-25	2,559	0	0	2,559	2.47%
Corangamite Landfill Gas Project	ACCU	ANREU	27/06/2025	9,023,506,145 - 9,023,506,585	2024-25	441	0	0	441	0.42%
Wind bundle project in Maharashtra by Sispara	VCU	Verra Registry	16/12/2024	16198-749082785-749084098-VCS-VCU-997-VER-IN-1-1660-01012022-30042022-0	2022	1,314	0	0	1,314	1.27%
Wind Project in Maharashtra, India by Kayathar and Jath	VCU	Verra Registry	16/12/2024	16207-749161847-749176950-VCS-VCU-997-VER-IN-1-1520-01012022-30042022-0	2022	15,104	0	0	15,104	14.57%
Wind Project in Maharashtra, India by Kayathar and Jath	VCU	Verra Registry	16/12/2024	16690-788415337-788416600-VCS-VCU-997-VER-IN-1-1520-01052022-31122022-0	2022	1,264	0	0	1,264	1.22%

Satara Wind Power Project in Maharashtra, India	VCU	Verra Registry	16/12/2024	16200-749109357-749115605-VCS-VCU-997-VER-IN-1-1519-01012022-30042022-0	2022	6,249	0	0	6,249	6.03%
Satara Wind Power Project in Maharashtra, India	VCU	Verra Registry	16/12/2024	16473-763347883-763359866-VCS-VCU-997-VER-IN-1-1519-01052022-31122022-0	2022	11,984	0	0	11,984	11.56%
Satara Wind Power Project in Maharashtra, India	VCU	Verra Registry	16/12/2024	16473-763359867-763367117-VCS-VCU-997-VER-IN-1-1519-01052022-31122022-0	2022	7,251	0	0	7,251	7.00%
Wind Project in Maharashtra, India by Kayathar and Jath	VCU	Verra Registry	26/06/2025	16690-788431086-788433085-VCS-VCU-997-VER-IN-1-1520-01052022-31122022-0	2022	2,000	0	0	2,000	1.93%
Wind Project in Maharashtra, India by Kayathar and Jath	VCU	Verra Registry	26/06/2025	16690-788416601-788431085-VCS-VCU-997-VER-IN-1-1520-01052022-31122022-0	2022	14,485	0	0	14,485	13.97%
Wind bundle project in Maharashtra by Sispara	VCU	Verra Registry	26/06/2025	16691-788496725-788503724-VCS-VCU-997-VER-IN-1-1660-01052022-31122022-0	2022	7,000	0	0	7,000	6.75%
Satara Wind Power Project in Maharashtra, India	VCU	Verra Registry	26/06/2025	16473-763367118-763397117-VCS-VCU-997-VER-IN-1-1519-01052022-31122022-0	2022	30,000	0	0	30,000	28.94%
Wind Project in Maharashtra, India by Kayathar and Jath	VCU	Verra Registry	15/09/2025	16690-788433086-788435585-VCS-VCU-997-VER-IN-1-1520-01052022-31122022-0	2022	2,500	0	185	2,315	2.12%
Offset Totals:						107,885	3,908	185	103,792	100.00%

Co-benefits

Amplitude Energy is a values-driven organisation and we began our carbon neutral journey using 100% locally sourced Australian Carbon Credit Units (ACCUs) from Canopy Nature Based Solutions' Morella Biodiversity Project in south-east South Australia. As the proportion of the gas supply chain under our control has increased with ownership and operatorship of gas processing plants, we have expanded this to include offset units from a range of local and international projects. In FY2024-25 this included ACCUs from a local Corangamite Landfill Gas Project proximal to our Athena Gas Plant and Verified Carbon Units from three wind power projects in Maharashtra, India.

As our emission profile increases in line with company growth, we are evolving our offset strategy. We are now looking at originating our own projects or participating at an early stage, with the aim of accounting for a significant proportion of organisational emissions via projects we have direct involvement in.

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

Biodiverse Carbon Conservation Morella – [8,409,940,162 - 8,409,945,895]

OFFICIAL



Australian Government
Clean Energy Regulator



8 January 2024

VC202324-00380

To whom it may concern,

Voluntary cancellation of units in ANREU

This letter is confirmation of the voluntary cancellation of units in the Australian National Registry of Emissions Units (ANREU) by ANREU account holder, Cooper Energy Limited (account number AU-3018).

The details of the cancellation are as follows:

Date of transaction	20 December 2023
Transaction ID	AU31451
Type of units	KACCU
Total Number of units	5,734
Serial number range	8,409,940,162 - 8,409,945,895
ERF Project	Biodiverse Carbon Conservation Morella - ERF101606
Vintage	2023-24
Transaction comment	Retired by Cooper Energy to voluntarily offset the Company's FY24 H1 organisational emissions.

Corangamite Landfill Gas Project – [9,032,223,098 - 9,032,225,656]

OFFICIAL



Australian Government
Clean Energy Regulator



30 June 2025

VC202425-00785

To whom it may concern,

Voluntary cancellation of units in ANREU

This letter is confirmation of the voluntary cancellation of units in the Australian National Registry of Emissions Units (ANREU) by ANREU account holder, Amplitude Energy Limited (account number AU-3018).

The details of the cancellation are as follows:

Date of transaction		27 June 2025
Transaction ID		AU42322
Type of units		KACCU
Total Number of units		3,000
Block 1	Serial number range	9,032,223,098 - 9,032,225,656 (2,559 KACCUs)
	ERF Project	Corangamite Landfill Gas Project – ERF173740
	Vintage	2024-25
Block 2	Serial number range	9,023,506,145 - 9,023,506,585 (441 KACCUs)
	ERF Project	Corangamite Landfill Gas Project – ERF173740
	Vintage	2024-25
Transaction comment		Retired by Amplitude Energy to voluntarily offset the Company's FY25 H2 organisational emissions

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 **location 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 renewable electricity generated	0	0	0%
Total non-grid renewable 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)	0	0	0%
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)	393,775	0	18%
Residual Electricity	1,790,891	1,647,620	0%
Total renewable electricity (grid + non grid)	393,775	0	18%
Total grid electricity	2,184,666	1,647,620	18%
Total electricity (grid + non grid)	2,184,666	1,647,620	18%
Percentage of residual electricity consumption under operational control	99%		
Residual electricity consumption under operational control	1,777,829	1,635,603	
Scope 2	1,565,263	1,440,042	
Scope 3 (includes T&D emissions from consumption under operational control)	212,567	195,561	
Residual electricity consumption not under operational control	13,062	12,017	
Scope 3	13,062	12,017	

Total renewables (grid and non-grid)	18.02%
Mandatory	18.02%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	1,440.04
Residual scope 3 emissions (t CO₂-e)	207.58
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	1,423.58
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	205.21
Total emissions liability (t CO₂-e)	1,628.79

Figures may not sum to total 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	99%	(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	196,811	195,376	44,936	9,769	1,435	402
VIC	1,961,340	1,947,035	1,499,217	175,233	14,305	12,302
QLD	0	0	0	0	0	0
NT	0	0	0	0	0	0
WA	26,515	26,322	13,424	1,579	193	110
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	2,184,666	2,168,732	1,557,577	186,581	15,934	12,814
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)	2,184,666					

Residual scope 2 emissions (t CO ₂ -e)	1,557.58
Residual scope 3 emissions (t CO ₂ -e)	199.40
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	1,541.93
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	197.44
Total emissions liability	1,739.37

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)
DEXUS - 385 Bourke Street, Melbourne VIC 3000	20,472	0
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.		

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)
N/A	0	0
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.		

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
Capital Goods	Immaterial
Indirect emissions (Scope 3) associated with non-operated assets – partially reported.	Data is unavailable, but uplift applied.
Site maintenance contractors – fuel use	Immaterial

Data management plan for non-quantified sources

Amplitude Energy is committed to continuous improvement in the data collection process. We recognise that further analysis is required to quantify indirect emissions (Scope 3) associated with non-operated assets. In FY25 we engaged with our joint venture partners to quantify these emissions and will continue to work with our joint venture partners to improve this information flow as their Scope 3 reporting develops.

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
Downstream processing of Product by customers	N	N	N	N	N	Size: Since the end of FY23, Amplitude Energy has controlled both gas processing plants. Downstream processing by customers now only applies to oil and condensate products, which represents a small portion of Amplitude Energy's total sold product. Influence: The downstream processor is an independent entity, large and diverse enough to not be under strong pressure from Amplitude Energy. Risk: The downstream processor holds the financial and legal responsibility for emissions from this source. Stakeholders: Most stakeholders would recognise these emissions are not relevant within the context of the organisation's operations. They are associated with the operations of other organisations and are covered by separate Climate Active certifications, either: - of downstream buyers, who on sell to the consumer who combusts the gas; or - of Amplitude Energy itself, in the years in which the product (opt-in natural gas) certification is approved (FY20, FY21 and FY22 solely) - Managed in other ways at the discretion of the buyer. Outsourcing: This aspect has not been previously owned or controlled by Amplitude Energy
Downstream transmission & distribution of Product by customers	Y	N	N	N	N	Size: Emissions from gas pipeline transport are expected to be greater than the total Organisation footprint. Influence: The transmission and distribution entities operate as large independent organisations with varied supply sources, so they are unlikely to feel significant pressure from Amplitude Energy. Risk: Pipeline operators are likely to hold the financial and legal responsibility for emissions from this source. Stakeholders: Most stakeholders would recognise these emissions are not relevant within the context of the organisation's operations. They are associated with the operations of other organisations and are covered by separate Climate Active certifications, either: - of downstream buyers, who on sell to the consumer who combusts the gas; or - of Amplitude Energy itself, in the years in which the product (opt-in natural gas) certification is approved (FY20, FY21 and FY22 solely) - Managed in other ways at the discretion of the buyer. Outsourcing: This aspect has not been previously owned or controlled by Amplitude Energy.

Emission sources tested for relevance	Justification				
	Size	Influence	Risk	Stakeholders	Outsourcing
Downstream combustion of Product by customers and consumers	Y	N	N	N	N
Size: Emissions from combustion of natural gas are expected to be greater than the total Organisation footprint. Influence: Emissions from this source are separated from Amplitude Energy by up to three entities (gas wholesaler, gas retailer, entity combusting the gas). These entities do not feel significant pressure from Amplitude Energy. Risk: Gas wholesalers, gas retailers, and entities combusting the gas are likely to face financial and legal exposure. Stakeholders: Most stakeholders would recognise these emissions are not relevant within the context of the organisation's operations. They are associated with the operations of other organisations and are covered by separate Climate Active certifications, either: - of downstream buyers, who on sell to the consumer who combusts the gas; or - of Amplitude Energy itself, in the years in which the product certification (opt-in natural gas) is approved (FY20, FY21 and FY22 solely) - Managed in other ways at the discretion of the buyer. Outsourcing: This aspect has not been previously owned or controlled by Amplitude Energy.					
Other Purchased Goods and Services - minor incidental purchases	N	N	N	N	N
Size: Includes items such as meals, training, conferences and subscriptions. Emissions from these sources are expected to be less than the total Organisation footprint. Influence: Amplitude Energy is a small buyer of these items compared to the general economy. 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 business. Outsourcing: This aspect has not been previously owned or controlled by Amplitude Energy.					



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