



PUBLIC DISCLOSURE STATEMENT

**BENCE MULCAHY UNIT TRUST (BENCE
MULCAHY)**

**ORGANISATION CERTIFICATION
FY2024–25**

Australian Government

Climate Active Public Disclosure Statement

**Bence
Mulcahy**



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	BENCE MULCAHY UNIT TRUST (BENCE MULCAHY)
REPORTING PERIOD	Financial year 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>  Sophie Bence Director 19/12/25



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

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Version 10.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	21 tCO ₂ -e
CARBON OFFSETS USED	100% VERs
RENEWABLE ELECTRICITY	Total renewables 56.27%
CARBON ACCOUNT	Prepared by: Sustainable Living Tasmania
TECHNICAL ASSESSMENT	Not applicable (small organisation certification)

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2.CERTIFICATION INFORMATION

Description of organisation certification

This organisation certification is for the business operations of Bence Mulcahy Unit Trust, ABN 36 791 955 450. Emissions from Bence Mulcahy's services (i.e. the buildings they design) are not included as part of this certification.

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

Organisation description

The Bence Mulcahy Unit Trust (ABN 36 791 955 450) is an architecture practice named Bence Mulcahy Architecture with 5.8 FTE staff. The office is located at 25 Little Arthur St, North Hobart, Tasmania. All activities are undertaken in Australia. The organisation boundary approach taken for this certification is operational control.

3.EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation 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
- Carbon neutral products and services
- Cleaning and chemicals
- Electricity
- Food
- ICT services and equipment
- Professional services
- Office equipment and supplies
- Refrigerants
- Stationary energy and fuels
- Transport (air)
- Transport (land and sea)
- Waste
- Water

Non-quantified

- Postage, courier and freight

Optionally included

NA

Outside emission boundary

Excluded

NA

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

This emissions reduction strategy is an outline of the measures Bence Mulcahy will take to reduce component of carbon neutral certification. It described the measures planned in future years to reduce emissions, and the timeframes for these measures.

Bence Mulcahy commits to reduce all emissions under our operational control by 25% by 1 July 2030, from a FY2022-2023 baseline.

Emission category	FY2023 Baseline Emissions (t CO2-e)	Measure (reduction)	FY2030 target emissions (t CO2-e)
Total	19.37		14.49
Electricity	2.09	Cover electricity use with renewable energy certificates	0.00
ICT services and equipment	2.09	Use Climate Active providers	1.67
Office equipment and supplies	1.96	Use Climate Active providers	1.57
Professional services	3.11	Use Climate Active providers	3.07
Transport (air)	0.87	Use Climate Active providers	0.00
Transport (land and sea)	7.24	Low emissions / electric vehicles	6.16
Other sources	2.02	No change	2.02

Emissions reduction actions

ICE vehicle use reduction occurred organically.

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:	2022-23	19.4	20.3
Year 2:	2023-24	18.4	19.4
Year 3	2024-25	19.31	20.27

Significant changes in emissions

Significant changes in emissions FY 2024 - 2025			
Emission source	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Reason for change
Computer and technical services	0.36	2.44	Data reclassified from office equipment and supplies.
Legal services	0.00	2.37	Organic growth
Medium Car: unknown fuel	3.54	2.18	Organic reduction

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

N/A

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	0.06	0.06
Cleaning and chemicals	0.00	0.00	0.25	0.25
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Electricity	0.00	1.66	0.23	1.89
Food	0.00	0.00	1.44	1.44
ICT services and equipment	0.00	0.00	2.76	2.76
Office equipment and supplies	0.00	0.00	0.52	0.52
Professional services	0.00	0.00	5.80	5.80
Refrigerants	0.06	0.00	0.00	0.06
Stationary energy (gaseous fuels)	0.00	0.00	0.00	0.00
Stationary energy (solid fuels)	0.00	0.00	0.00	0.00
Stationary energy (liquid fuels)	0.00	0.00	0.00	0.00
Transport (air)	0.00	0.00	0.00	0.00
Transport (land and sea)	2.87	0.00	2.97	5.84
Waste	0.00	0.00	0.52	0.52
Water	0.00	0.00	0.16	0.16
Total emissions (tCO₂-e)	2.93	1.66	14.72	19.31

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
mandatory 5% uplift for small organisations	0.96
Total of all uplift factors (tCO ₂ -e)	0.96
Total emissions footprint to offset (tCO₂-e) <i>(total emissions from summary table + total of all uplift factors)</i>	21

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
VER	22	100.00%

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
Aliaga Wind Power Project	VER	Gold Standard Impact Registry	17/12/2025	GS1-1-TR-GS1363-12-2022-26815-6546-6567	2022	22	0	1	21	100.00%

Co-benefits

The Aliaga wind power project is a 19.2 MW wind power plant based in Izmir, Turkey. The project is located in a district occupied by refineries, ship dismantling sites and other industries that significantly impact air quality. Whereas, this project consists of 8 Wind Turbine Generators of 2.4 MW each, generating approximately 58 GWh of clean energy per year, contributing to a reduction of CO2 emissions and supporting the transition to a low carbon economy.

Project impacts and benefits:

- Generates approximately 58 GWh clean energy and reduces emissions by 31,847 tCO₂eq annually.
- Project protects one of the last pastures in a heavily industrialised district, ensuring it's not occupied by other industries or urbanization.
- Employees have been locally hired.
- Night patrols of security officers increases safety of the area, creating a more secure environment for shepherds and their herds.
- More than 6 km of roads were improved for the project and are now used by local people.
- Supporting the local economy, services such as cleaning, water procurement, pest control and transportation are procured from local companies.
- Project is regularly visited by engineers and technicians of local electrical transmission and distribution companies, university engineering students, elementary school students and other organisations such as "Turkish Women in Renewables and Energy" and "Turkish Wind Energy Association". Visitors are instructed on the wind farm which contributes to their training + builds awareness.
- Food aid in Ramadan is given to employees, shepherds and locals in the area.
- Financial aid has been given to local organisations such as Aliaga Farmers' Association.

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

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	2,179	0	47%
Total non-grid electricity	2,179	0	47%
LGC purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	0	0	0%
Climate Active certified - Precinct/Building (voluntary renewables)	0	0	0%
Climate Active certified - Precinct/Building (LRET)	0	0	0%
Climate Active certified - Precinct/Building jurisdictional renewables (LGCs surrendered)	0	0	0%
Climate Active certified - Electricity products (voluntary renewables)	0	0	0%
Climate Active certified - Electricity products (LRET)	0	0	0%
Climate Active certified - 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)	455	0	10%
Residual electricity	2,048	1,884	0%
Total renewable electricity (grid + non grid)	2,634	0	56%
Total grid electricity	2,503	1,884	10%
Total electricity (grid + non grid)	4,682	1,884	56%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	2,048	1,884	
Scope 2	1,803	1,659	
Scope 3 (includes T&D emissions from consumption under operational control)	245	225	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	56.27%
Mandatory	9.73%
Voluntary	0.00%
Behind the meter	46.54%
Residual scope 2 emissions (t CO₂-e)	1.66
Residual scope 3 emissions (t CO₂-e)	0.23
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	1.66
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.23
Total emissions liability (t CO₂-e)	1.88
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>	

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)
TAS	2,503	2,503	375	75	0	0
Grid electricity (scope 2 and 3)	0	0	0	0	0	0
TAS	2,179	2,179	0	0		
Non-grid electricity (behind the meter)	0	0	0	0		
Total electricity (grid + non grid)	4,682					

Residual scope 2 emissions (t CO ₂ -e)	0.38
Residual scope 3 emissions (t CO ₂ -e)	0.08
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	0.38
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	0.08
Total emissions liability	0.45

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
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
Postage, courier, and freight	Immaterial

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

N/A



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