



PUBLIC DISCLOSURE STATEMENT

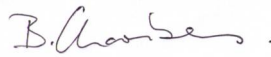
**M & B CHAMBERS (TRADING AS LAKE
MOODEMERE ESTATE)**

**ORGANISATION CERTIFICATION
FY2024–25 (PROJECTED)**

Australian Government

Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY	M & B Chambers (trading as Lake Moodemere Estate)						
REPORTING PERIOD	Financial year 1 July 2024 – 30 June 2025 Projected						
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></p> <table><tr><td>Name of signatory</td><td>Belinda Chambers</td></tr><tr><td>Position of signatory</td><td>Partner for Finance and Development</td></tr><tr><td>Date</td><td>14/1/25</td></tr></table>	Name of signatory	Belinda Chambers	Position of signatory	Partner for Finance and Development	Date	14/1/25
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Position of signatory	Partner for Finance and Development						
Date	14/1/25						



Australian Government

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

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Version 9.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	94.53 tCO ₂ -e
CARBON OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	Total renewables 18.72%
CARBON ACCOUNT	Prepared by: EnergyLink Services
TECHNICAL ASSESSMENT	19/09/2024 EnergyLink Services Next technical assessment due: FY 2028

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2.CERTIFICATION INFORMATION

Description of organisation certification

The Australian business operations of M & B Chambers, trading as Lake Moodemere Estate (ABN 77 353 675 098).

This Public Disclosure Statement includes information for Organisation Projected FY2024-25 reporting period. While Lake Moodemere's products are not included in this certification, our brand holds a separate product certification for all bottles of wine packaged and sold under M&B Chambers, trading as Lake Moodemere Estate.

Organisation description

Lake Moodemere Estate (ABN 77 353 675 098), located in Victoria, Australia, is a renowned winery and agricultural estate. Situated on the picturesque banks of Lake Moodemere within the Murray River System, we have earned recognition as one of Australia's Top 50 Vineyards in 2021 and 2022.

Lake Moodemere Estate has been awarded Top 50 Vineyards of Australia from 2021 to 2024. With a rich winemaking legacy spanning seven generations of the Chambers Family, we exclusively produce wines from our historic vineyard, dating back to 1886. This estate seamlessly combines wine production with a history rooted in the Murray River's ancient landscape. Lake Moodemere offers award-winning wines, and a captivating seven-generation winemaking heritage for visitors to experience and enjoy.

Legal entity name	ABN	ACN
M & B Chambers (trading as Lake Moodemere Estate)	77 353 675 098	-

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
- Construction materials and services
- Electricity
- Horticulture and Agriculture
- ICT services and equipment
- Postage, courier, and freight
- Products
- Professional services
- Stationary energy and fuels
- Transport (air)
- Transport (Land and Sea)
- Waste
- Water
- Office equipment and supplies

Non-quantified

Refrigerants

Optionally included

N/A

Outside emission boundary

Excluded

Restaurant Services
Accommodation Services

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

In August 2021, Lake Moodemere achieved the milestone of becoming the first sustainable vineyard in Northeast Victoria and has been awarded Top 50 Vineyards of Australia from 2021 to 2024. We proudly hold certification under the Australian Wine Industry Standard of Sustainable Practice. We prioritize environmentally friendly methods in wine production and lamb raising, steering clear of harmful chemicals. Our use of cover crops and sheep grazing not only benefits the environment but also enhances the quality of our products. In essence, Lake Moodemere Estate exemplifies the harmonious coexistence of farming and nature.

Lake Moodemere is dedicated to aligning carbon neutrality certification with continuous carbon reduction initiatives and projects, following the best practices outlined in the Climate Active Standard for Organisations. The organisation has established an emission reduction target of at least 30% by 2034, benchmarked against the baseline reporting period FY23/24. To achieve these emissions reductions, Lake Moodemere will implement the following measures:

Scope 2

- Deploying renewable electricity behind-the-meter
- Educating Lake Moodemere's staff to reduce office energy consumption (e.g. switch-off campaign).

Scope 3

- Analysing and reducing our Scope 3 emissions
- Establishing green procurement policies, such as:
 - o Using Climate Active certified businesses/organisations when acquiring products and services.
 - o Buying recycled products to prevent waste-to-landfill.
 - o Farm fencing and regenerating with native trees, preventing erosion, and creating additional habitat
 - o Planting trees
 - o Fencing water courses and wetlands

5.EMISSIONS SUMMARY

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	0.36	0.36
Cleaning and Chemicals	0.00	0.00	0.08	0.08
Construction Materials and Services	0.00	0.00	0.00	0.00
Electricity	0.00	7.90	0.98	8.88
Horticulture and Agriculture	0.00	0.00	27.17	27.17
ICT services and equipment	0.00	0.00	0.39	0.39
Machinery and vehicles	0.00	0.00	0.00	0.00
Office equipment & supplies	0.00	0.00	0.12	0.12
Postage, courier and freight	0.00	0.00	0.00	0.00
Products	0.00	0.00	0.02	0.02
Professional Services	0.00	0.00	9.40	9.40
Stationary Energy (gaseous fuels)	0.00	0.00	0.00	0.00
Stationary Energy (liquid fuels)	34.26	0.00	8.45	42.71
Stationary Energy (solid fuels)	0.00	0.00	0.00	0.00
Transport (Air)	0.00	0.00	0.32	0.32
Transport (Land and Sea)	0.00	0.00	0.00	0.00
Waste	0.00	0.00	4.62	4.62
Water	0.00	0.00	0.00	0.00
Total emissions (tCO₂-e)	34.26	7.90	51.90	94.06

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
Refrigerants	0.47
Total of all uplift factors (tCO ₂ -e)	0.47
Total emissions footprint to offset (tCO₂-e) <i>(total emissions from summary table + total of all uplift factors)</i>	94.53

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
Verified Carbon Units (VCUs)	95	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
April Salumei REDD Project	VCU	Verra	14 June 2024	<u>16704-788911681-788911808- VCS-VCU-352- VER-PG-14- 1122-01012013- 31122013-0</u>	2013	128	0	0	95*	100

*Note: A total of 128 offsets were applied: 95 to the Organisation certification and 33 to the Product certification.

Co-benefits

Deep within the East Sepik Province of Papua New Guinea is TEM's April Salumei REDD Project. A combined area of 603,712 h.a. the landscape is defined by forested land on mineral soils. The project area is thriving with both traditional culture and extraordinary levels of biodiversity.

Located within a Forest Management Area designated for timber production by the Papua New Guinean Forest Authority, the project area was facing a very material threat. The carbon finance attracted through verified carbon unit revenues offers Indigenous landowners a form of income based on the carbon storage and ecosystem services provided by the forest, rather than through the short-term royalties that flow from logging concessions. Conserving the forest and its carbon stocks avoids significant volumes of carbon emissions.

Our project aims to improve the overall wellbeing of local communities, support sustainable agricultural development, provide access to employment, healthcare, education, and infrastructure, all while preserving the rich cultural traditions and customs of the Indigenous owners.

The projects meet the following Sustainable Development Goals:



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	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)	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)	2,246	0	19%
Residual Electricity	9,754	8,876	0%
Total renewable electricity (grid + non grid)	2,246	0	19%
Total grid electricity	12,000	8,876	19%
Total electricity (grid + non grid)	12,000	8,876	19%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	9,754	8,876	
Scope 2	8,682	7,900	
Scope 3 (includes T&D emissions from consumption under operational control)	1,072	975	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	.

Total renewables (grid and non-grid)	18.72%
Mandatory	18.72%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	7.90
Residual scope 3 emissions (t CO₂-e)	0.98
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	7.90
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.98
Total emissions liability (t CO₂-e)	8.88
<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)
VIC	12,000	12,000	9,480	840	0	0
Grid electricity (scope 2 and 3)	12,000	12,000	9,480	840	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)	12,000					

Residual scope 2 emissions (t CO ₂ -e)	9.48
Residual scope 3 emissions (t CO ₂ -e)	0.84
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	9.48
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	0.84
Total emissions liability	10.32

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)
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 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.
- 5.

Relevant non-quantified emission sources	Justification reason
Refrigerants	Data unavailable but uplift applied

Data management plan for non-quantified sources

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

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
Restaurant Services	N	Y	N	N	N	<p>Size: The primary activities within the organisation involve the production and sale of wine.</p> <p>Influence: Although Lake Moodemere can influence Restaurant Services, this certification does not include any services and products under the Lake Moodemere company.</p> <p>Risk: When the Climate Active Organisation Boundaries are clearly defined, the source does not create risks.</p> <p>Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business.</p> <p>Outsourcing: Those services/activities are under Climate Active Service Certification Scope.</p>
Accommodation Services	N	Y	N	N	N	<p>Size: The primary activities within the organisation involve the production and sale of wine.</p> <p>Influence: Although Lake Moodemere can influence Restaurant Services, this certification does not include any services and products under the Lake Moodemere company.</p> <p>Risk: When the Climate Active Organisation Boundaries are clearly defined, the source does not create risks.</p> <p>Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business.</p> <p>Outsourcing: Those services/activities are under Climate Active Service Certification Scope.</p>



An Australian Government Initiative

