



PUBLIC DISCLOSURE STATEMENT

TASMAN POWER WA PTY LTD


**ORGANISATION CERTIFICATION
FY2023–24 (PROJECTED)**

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Tasman Power WA Pty Ltd
REPORTING PERIOD	1 July 2023 – 30 June 2024 (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><i>Signature here</i></p>  <p>Jason Pryde Tasman Power CEO 10/11/2023</p>



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

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Version March 2023.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	585 tCO ₂ -e
OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	40.63%
CARBON ACCOUNT	Prepared by: Pangolin Associates Pty Ltd.
TECHNICAL ASSESSMENT	Pangolin Associates Pty Ltd Next technical assessment due: FY 2026
THIRD PARTY VALIDATION	Type 1 Date 31/07/2023 GPP Audit Pty Ltd

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2. CARBON NEUTRAL INFORMATION

Description of certification

This carbon neutral certification is for the business operations of Tasman Power WA Pty Ltd and cover the reporting period from July 1, 2023 to June 30, 2024. The methods used for collating data, performing calculations, and presenting the carbon account are in accordance with the following standards:

- Climate Active Carbon Neutral Standard for Organisations
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008.

Organisation description

ABN 49 125 419 570

Tasman Power WA Pty Ltd is led by a CEO, followed by Managers for certain aspects of the business - Safety, HR, Estimating, Finance, Mobilisation & Compliance. Sites are managed by Operational Managers or Superintendents.

The boundary was created using an operation control approach.

Tasman Power is proudly Australian owned and operated. Head office is based in Perth, we provide specialist electrical services across Western Australia.

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
- Electricity
- Food
- ICT services and equipment
- Office equipment & supplies
- Postage, courier and freight
- Refrigerants
- Transport (Air)
- Transport (Land and Sea)
- Waste
- Water
- Working from home

Non-quantified

N/A

Outside emission boundary

Excluded

N/A

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Tasman Power commits to reducing its emissions by 30% by 2029 based on their FY23-24 base year. Over the next 5 years we intend to implement the following strategies to reduce our emissions.

- Controlled Electricity
 - Reduce consumption: In year 2 Tasman Power is committed to creating an office policy to encourage employees to reduce electricity consumption in the office.
 - Making the switch: In year 2 Tasman Power will consider what green alternative they can switch to for their controlled electricity. Tasman Power plan to make the switch by year 3.
- Work related transport
 - Reduction: In year 2 Tasman Power will consider what policies can be put into place to reduce emissions from work related transport on land and via air.
 - Enhancement: When it is time to consider replacing company cars, more sustainable alternatives will be considered.
- Freight
 - Freight is the largest contributor to Tasman Powers emissions, In Year 2 Tasman Power will consider a policy on how it can reduce their emissions associated with freight

5. EMISSIONS SUMMARY

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

Certified brand name	Product/Service/Building/Precinct used
Pangolin Associates	Consulting Service

Emissions summary

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

Emission category	Sum of scope 1 (tCO ₂ -e)	Sum of scope 2 (tCO ₂ -e)	Sum of scope 3 (tCO ₂ -e)	Sum of total emissions (tCO ₂ -e)
Accommodation and facilities	0.00	0.00	5.50	5.50
Electricity	0.00	20.41	2.70	23.11
Food	0.00	0.00	0.93	0.93
ICT services and equipment	0.00	0.00	21.71	21.71
Office equipment & supplies	0.00	0.00	1.35	1.35
Postage, courier and freight	0.00	0.00	228.59	228.59
Refrigerants	0.00	0.00	3.25	3.25
Transport (Air)	0.00	0.00	75.04	75.04
Transport (Land and Sea)	53.13	0.00	154.24	207.37
Waste	0.00	0.00	9.08	9.08
Water	0.00	0.00	0.36	0.36
Working from home	0.00	0.00	3.69	3.69
Total emissions	53.13	20.41	506.43	579.97

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
Uplift to account to missing expense data that should be included, such as PPE.	4.17
Total of all uplift factors	4.17
Total emissions footprint to offset <i>(total emissions from summary table + total of all uplift factors)</i>	584.14

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken a forward offsetting approach. The total emission to offset is 585 t CO₂-e. The total number of eligible offsets used in this report is 585. Of the total eligible offsets used, 0 were previously banked and 585 were newly purchased and retired. 0 are remaining and have been banked for future use.

Co-benefits

The main purpose of this project activity is to generate clean form of electricity through renewable wind energy sources. The project activity involves installation of a 100 MW wind power project in Karnataka state of India.

Greenko has initiated a customized training program for their engineers and plant operators. The above Program is started as part of the health and safety measures for renewable energy.

Greenko Group provided access to drinking water located in the neighborhood communities. Greenko Group has initiated rural development programs in consultation and coordination with Gram Panchayat. The village requires many improvements in areas including Education; Drinking Water; Road and Electricity. As a priority the villagers represented by the Gram Panchayat has approached the local plant management Devarahippargi Wind Power Private Limited (DWPPL) and has requested to construct an Open Well for drinking water. The above Open Well will provide drinking water to the neighbouring villages. The total population of over 4000 people from the villages will get benefit from this facility even in summer months.

For further information - [click here](#) to download full PDF

Eligible offsets retirement summary

Offsets retired for Climate Active Carbon Neutral Certification											
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity retired (tCO ₂ -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Renewable Power Project by Devarahipparigi Wind Power Private Limited	VCU	Verra	29 August 2023	10046-173438605-173439060-VCS-VCU-997-VER-IN-1-1793-01012020-31122020-0	2020		456		0	456	83%
Renewable Power Project by Devarahipparigi Wind Power Private Limited	VCU	Verra	29 August 2023	10046-173439547-173439675-VCS-VCU-997-VER-IN-1-1793-01012020-31122020-0	2020		129		0	129	17%
Total eligible offsets retired and used for this report										585	
Total eligible offsets retired this report and banked for use in future reports										0	
Type of offset units		Eligible quantity (used for this reporting period)					Percentage of total				
Verified Carbon Units (VCUs)		585					100%				

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	10,961	0	27%
Total non-grid electricity	10,961	0	27%
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)	5,603	0	14%
Residual Electricity	24,201	23,112	0%
Total renewable electricity (grid + non grid)	16,564	0	41%
Total grid electricity	29,804	23,112	14%
Total electricity (grid + non grid)	40,766	23,112	41%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	24,201	23,112	
Scope 2	21,372	20,411	
Scope 3 (includes T&D emissions from consumption under operational control)	2,829	2,701	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	40.63%
Mandatory	13.74%
Voluntary	0.00%
Behind the meter	26.89%
Residual scope 2 emissions (t CO₂-e)	20.41
Residual scope 3 emissions (t CO₂-e)	2.70
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	20.41
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	2.70
Total emissions liability (t CO₂-e)	23.11

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	3,029	3,029	757	242	0	0
VIC	0	0	0	0	0	0
QLD	274	274	200	41	0	0
NT	0	0	0	0	0	0
WA	26,502	26,502	13,516	1,060	0	0
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	29,804	29,804	14,473	1,343	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	10,961	10,961	0	0		
TAS	0	0	0	0		
Non-grid electricity (behind the meter)	10,961	10,961	0	0		
Total electricity (grid + non grid)	40,766					

Residual scope 2 emissions (t CO ₂ -e)	14.47
Residual scope 3 emissions (t CO ₂ -e)	1.34
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	14.47
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	1.34
Total emissions liability	15.82

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
<p><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></p>		

Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO ₂ -e)
N/A	0	0
<p><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></p>		

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						



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