



PUBLIC DISCLOSURE STATEMENT

TANGO ENERGY PTY LTD

ELECTRICITY PRODUCT


CY2022

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Tango Energy Pty Ltd
REPORTING PERIOD	1 January 2022 – 31 December 2022 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>John Ballenger General Manager Retail 22nd June 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	0 tCO ₂ -e
CARBON OFFSETS USED	N/A
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: EnergyLink Services
TECHNICAL ASSESSMENT	Date: October 2021 EnergyLink Services Next technical assessment due: CY2024 report

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2. CARBON NEUTRAL INFORMATION

Description of certification

Tango Energy is the electricity and natural gas retailing arm of Pacific Hydro Australia, launched in 2012 to provide a distribution channel to support the development of renewable energy projects in Australia. Tango focused initially on supplying energy to business and commercial customers and is now serving both residential and business customers in Victoria, New South Wales, South Australia and Queensland.

Tango Energy's customer value proposition can be summarised as 'low cost energy, simple products and excellent customer service'. This simple proposition, partnered with our approach to renewable energy and value for money meets the core needs of our consumers and has underpinned Tango's rapid growth to reach over 95,000 electricity and 30,000 gas customers.

Product description

The new product offering, which is the subject of this Climate Active Carbon Neutral Product certification, is electricity sold by Tango Energy to its customers. It is noted that Tango has not yet offered this product into the market due to strategic review and rebranding currently taking place at Tango. This product will not be offered into the market until this is complete, which is anticipated in mid-2023. The functional unit of this certification is 1 MWh of electricity sold by Tango Energy.

In April 2023, Tango Energy Pty Ltd's company name changed to Pacific Blue Retail Pty Ltd, selling energy products to customers under the Pacific Blue Retail and Tango Energy brands. Climate Active certified carbon neutral products will be available through its Pacific Blue Retail brand.

This is a full coverage product for all residential and small business customers available exclusively through the Pacific Blue Retail brand.

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 'attributable processes' of a product or service. These attributable processes are services, materials and energy flows that become the product or service, make the product or service and carry the product or service through its life cycle. These attributable emissions have been quantified in the carbon inventory.

Non-quantified emissions have been assessed as attributable 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

Non-attributable emissions have been assessed as not attributable to a product or service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore 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
- Office equipment and supplies
- Professional Services
- Staff Working from home
- Stationary Energy
- Transport (Air)
- Transport (Land and Sea)
- Working from home

Non-quantified

N/A

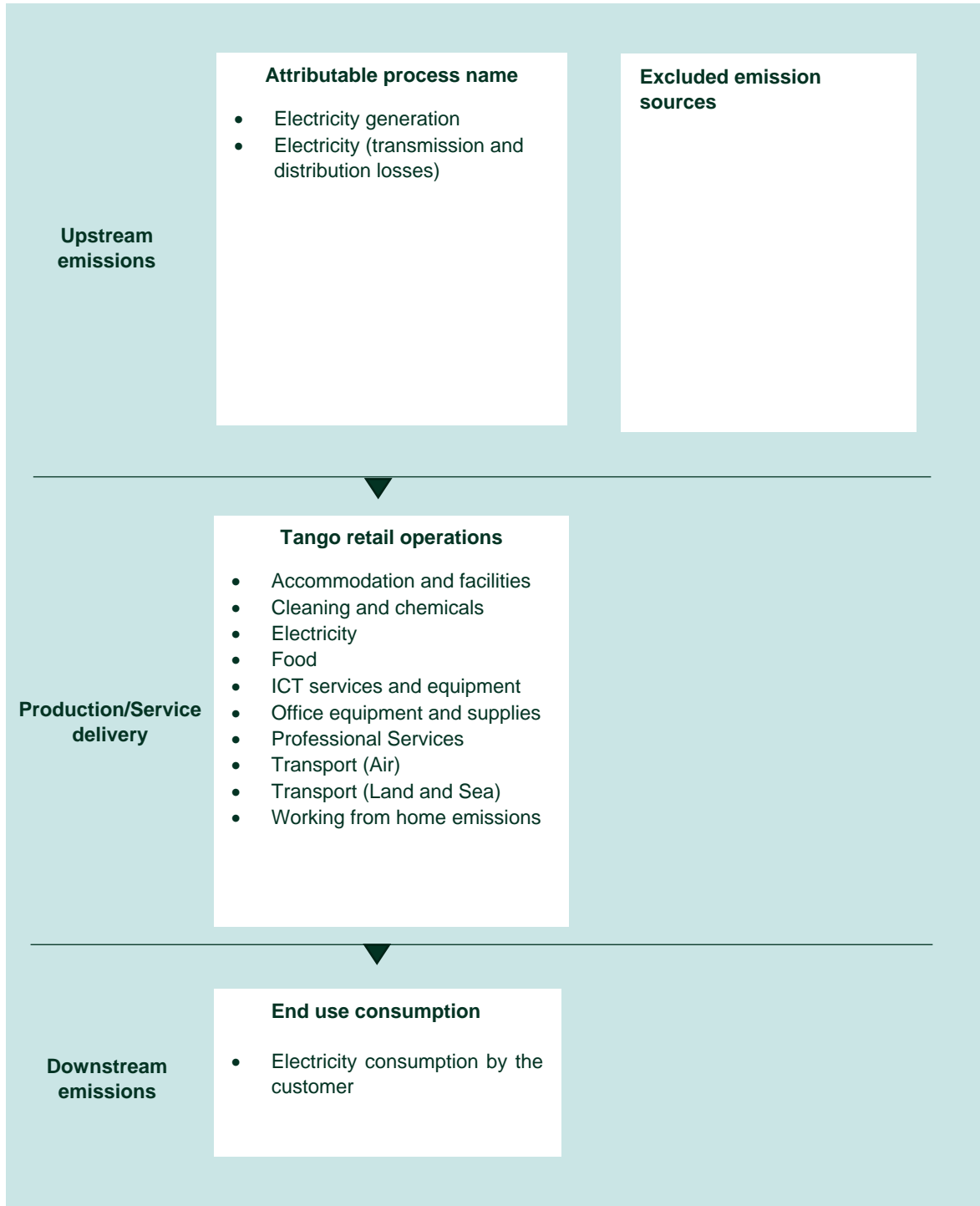
Outside emission boundary

Non-attributable

N/A

Product process diagram

The scope of this certification is cradle-to-grave.



4.EMISSIONS REDUCTIONS

Emissions reduction strategy

It is noted that Tango has not yet offered this product into the market due to strategic review and rebranding currently taking place at Tango. This product will not be offered into the market until this is complete, which is anticipated in H2 2023. Tango will develop a detailed emission reduction plan following the completion of the rebranding.

Emissions reduction actions

N/A as Tango has not offered the product.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e	Emissions intensity of the functional unit
Base year:	2021	0	0
Year 1:	2022	0	0

Significant changes in emissions

N/A

Use of Climate Active carbon neutral products and services

Certified brand name	Product or Service used
EnergyLink Services	Consulting

Emissions summary

Stage / Attributable Process / Source	tCO ₂ -e
Carbon Neutral Electricity Sold by Tango Energy	0

Emissions intensity per functional unit	0
Number of functional units to be offset	0
Total emissions to be offset (tCO ₂ -e)	0

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 0 t CO₂-e. The total number of eligible offsets used in this report is 0. Of the total eligible offsets used, 20,000 were previously banked and 0 were newly purchased and retired. 20,000 are remaining and have been banked for future use.

Co-benefits

Chacayes Hydroelectric Project, Chile

Tango Energy has purchased 100% of its carbon credits from Pacific Hydro Chile's Chacayes Hydroelectric Project. This award-winning project contributes over half a million MWh of electricity per annum to the primary Chilean electricity grid. Because of this hydroelectric plant, and the many other renewable energy projects developed and operated by Pacific Hydro Chile, the Chilean electricity grid has become less reliant on fossil fuels. The hydroelectric plant is responsible for reducing over 350,000 tonnes CO₂-e of greenhouse gas emissions per annum.

By supporting this project, Tango Energy is supporting the work of Pacific Hydro Chile and their mission of 'powering a cleaner world.' Pacific Hydro Chile is committed to supporting the communities where it operates. This includes assisting and donating to causes close to the communities, such as native reforestation and education for neighbouring schools. Pacific Hydro Chile's renewable energy projects also support the local economy, creating new jobs for the surrounding communities. This is certified through their Local Employment Promotion program in Chacayes.

This purchasing agreement between Tango Energy and Pacific Hydro Chile solidifies that together, organisations from around the world can accelerate the shared mission of 'powering a cleaner world'.

Eligible offsets retirement summary

Offsets retired for Climate Active 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 (%)
Chacayes Hydroelectric Project, Chile	CER	CDM Registry	6/10/2021	CL-5-18916985-2-2-0-6848 to CL-5-18936984-2-2-0-6848	CP2	-	20,000	0	20,000 *	0	N/A
Total offsets retired this report and used in this report										0	
Total offsets retired this report and banked for future reports										0	

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Certified Emissions Reductions (CERs)	0	0%

*Please note, these units will be allocated to the respective electricity and gas products in future reporting periods.

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**.

Note that the electricity summary tables presented below are deliberately blank. As this product was not available in this reporting period, no attributable electricity consumption occurred.

Market-based approach summary			
Market-based approach	Activity Data (kWh)	Emissions (kgCO 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)	0	0	0%
Residual Electricity	0	0	0%
Total renewable electricity (grid + non grid)	0	0	0%
Total grid electricity	0	0	0%
Total electricity (grid + non grid)	0	0	0%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	0	0	
Scope 2	0	0	
Scope 3 (includes T&D emissions from consumption under operational control)	0	0	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	0.00%
Mandatory	0.00%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	0.00
Residual scope 3 emissions (t CO₂-e)	0.00
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	
		(kWh)	Scope 2 Emissions (kgCO ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)	(kWh)	Scope 3 Emissions (kgCO ₂ -e)
Percentage of grid electricity consumption under operational control	100%					
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	0	0	0	0	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)	0	0	0	0	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)	0					

Residual scope 2 emissions (t CO ₂ -e)	0.00
Residual scope 3 emissions (t CO ₂ -e)	0.00
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -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
<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>		

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following emissions sources have been assessed as attributable, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. 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
NA	

Excluded emission sources

Attributable emissions sources can be excluded from the carbon inventory, but still considered as part of the emissions boundary if they meet **all three of the below criteria**. An uplift factor may not necessarily be applied.

1. A data gap exists because primary or secondary data cannot be collected (**no actual data**).
2. Extrapolated and proxy data cannot be determined to fill the data gap (**no projected data**).
3. An estimation determines the emissions from the process to be **immaterial**).

	No actual data	No projected data	Immaterial
NA			

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 EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to a product or service (do not carry, make or become the product/service) and are therefore not part of the carbon neutral claim. To be deemed attributable, an emission must meet two of the five relevance criteria. Emissions which only meet one condition of the relevance test can be assessed as non-attributable and therefore are outside the carbon neutral claim. Non-attributable emissions are detailed below.

1. **Size** The emissions from a particular source are likely to be large relative to other attributable emissions.
2. **Influence** The responsible entity could influence emissions reduction from a particular source.
3. **Risk** The emissions from a particular source contribute to the responsible entity's greenhouse gas risk exposure.
4. **Stakeholders** The emissions from a particular source are deemed relevant by key stakeholders.
5. **Outsourcing** The emissions are from outsourced activities that were previously undertaken by the responsible entity or from outsourced activities that are typically undertaken within the boundary for comparable products or services.

N/A – no non-attributable sources identified for this product in this reporting period.



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