



# **PUBLIC DISCLOSURE STATEMENT**

**RED ENERGY (PARENT)**

**ORGANISATION CERTIFICATION  
FINANCIAL YEAR 2022–23 (PROJECTED)**

Australian Government  
**Climate Active**  
**Public Disclosure Statement**



An Australian Government Initiative



<b>NAME OF CERTIFIED ENTITY</b>	Red Energy Pty Ltd
<b>REPORTING PERIOD</b>	Financial year 1 July 2022 – 30 June 2023 Projected report
<b>DECLARATION</b>	<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>DocuSigned by:  D8F71E0700EF439...</p> <p>Martin Exelby Chief Financial Officer 10 October 2022</p>



**Australian Government**  
**Department of Industry, Science,  
Energy and Resources**

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Version September 2021. To be used for FY20/21 reporting onwards.

# 1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	4,213tCO <sub>2</sub> -e
OFFSETS BOUGHT	100% ACCUs
RENEWABLE ELECTRICITY	100% GreenPower
TECHNICAL ASSESSMENT	Date: 31 January 2022 Name: Alexander Stathakis Organisation: Conversio Pty Ltd Next technical assessment due: FY25
THIRD PARTY VALIDATION	Type 1 Date: 21 March 2022 Name: Katherine Simmons Organisation: KREA Consulting Pty Ltd

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

This certification covers the business operations of

- Red Energy, ABN: 60 107 479 372.
- Lumo Energy (SA) Pty Ltd.: ABN 61 114 356 697
- Lumo Energy Australia Pty Ltd.: 69 100 528 327
- Lumo Energy (NSW) Pty Ltd.: 92 121 155 011
- Lumo Energy (Qld) Pty Ltd.: 63 114 356 642
- Direct Connect, ABN 20 110 316 973.

Emissions associated with the generation and delivery of energy to customers are outside of the boundary of this certification.

### Organisation description

Red Energy is proudly 100% Aussie owned, and since day one we've always focused on renewables. In our 17 years of operation we have provided thousands of our customers with a renewable matching promise which guarantees that for every unit of energy they use, Snowy Hydro our owner will match it by generating a unit of renewable energy (displacing other energy like coal).

This contribution to the grid, as well as being owned by the mighty Snowy Hydro has enabled us to have so many conversations with customers about how we are doing our bit for the environment and how they can be a part of that story by becoming a Red Energy customer.

We're proud to bring electricity and gas to businesses and homes throughout the eastern states, and our recent award as the most trusted energy retailer tells us our customers feel proud too.

Red Energy operates under the ABN: 60 107 479 372. Our main offices accommodate over 1,000 employees and are located in Richmond at 570 Church St, Cremorne, 3121. We also have a handful of employees working out of Snowy Hydro's office in Sydney.

*“Red Energy is committed to a renewable energy future. With the support of Snowy Hydro we can lead the decarbonisation of the National Electricity Market. Climate Active helps us demonstrate our commitment and progress towards achieving those goals.”*

## 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 or precinct'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

Air Transport (fuel)  
Electricity  
ICT services and equipment  
Land and Sea Transport (fuel)  
Land and Sea Transport (km)  
Mumbai office (Lumo)  
Office equipment & supplies  
Professional Services  
Refrigerants  
Stationary Energy (natural gas and diesel)  
Telecommunications  
Waste to landfill  
Water  
Working from home

##### Non-quantified

Not applicable

#### Outside emission boundary

##### Excluded

No relevant emission sources have been excluded.

Generation and delivery of energy has been excluded on the basis of not being part of an organisation certification.

## Data management plan for non-quantified sources

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

# 4. EMISSIONS REDUCTIONS

## Emissions reduction strategy

We achieved carbon neutrality by offsetting our residual carbon footprint and are striving to reduce our footprint further and reduce the need to rely on carbon offsets. We have plans to implement the following initiatives to reduce our operational greenhouse gas footprint and commit to developing a detailed emissions reduction strategy during the next financial year:

- We are working with the owners of the Bryant & May building to install solar panels on the rooftop and to install solar panelled carports.
- We have purchased 4 electric vehicles and are trialling chargers at the Bryant & May building.
- We intend to replace our entire vehicle fleet with electric vehicles by 2027.
- We are asking our suppliers to join us on the journey and reduce their carbon emission footprint.

## Emissions reduction action

We implemented several emission reduction initiatives prior to determining our baseline:

- We have replaced lights with energy-efficient LED lighting at our Bryant & May office where most of our operations are conducted.
- We have implemented a paper-light policy and encourage our employees to work digitally.
- We also equipped our offices with light sensors which turn off lights when ambient light is high and auto shut off meeting room lighting.
- We promote video conferencing to minimize travel and have set timers on appliances and reduced hot water temperatures.

## 5. EMISSIONS SUMMARY

### Use of Climate Active carbon neutral products and services

Not applicable.

### Organisation emissions summary

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

Emission category	Sum of total emissions (tCO <sub>2</sub> -e)
Air Transport (fuel)	9.78
Bespoke - Telecommunications	609.39
Electricity AUS (market-based)	0.00
Electricity NZ	0.06
ICT services and equipment	451.29
Land and Sea Transport (fuel)	158.85
Land and Sea Transport (km)	333.92
Mumbai office (Lumo)	146.75
Office equipment & supplies	1,467.80
Professional Services	579.92
Refrigerants	126.61
Stationary Energy	12.05
Waste	9.96
Water	2.67
Working from home	303.39
<b>Total</b>	<b>4,212.43</b>

## 6. CARBON OFFSETS

### Offsets strategy

#### Forward purchasing

1.	<b>Total emissions footprint to offset for this report</b>	4,212.43t CO <sub>2</sub> -e
2.	<b>Total eligible offsets purchased and retired for this report and future reports</b>	5,000
3.	<b>Total eligible offsets retired and used for this report</b>	4,214*
4.	<b>Total eligible offsets forward purchased and banked to use toward next year's report and other certification use</b>	466

\*This PDS covers the offset requirements of Red Energy, Lumo Energy, and Direct Connect. Offset requirements are rounded up to the next whole number.

### Co-benefits

**Mullagalah Regeneration Project:** This project establishes permanent native forests through assisted regeneration from in-situ seed sources (including rootstock and lignotubers) on land that was cleared of vegetation and where regrowth was suppressed for at least 10 years prior to the project having commenced.



## Offsets summary

### Proof of cancellation of offset units

Offsets cancelled for Climate Active Carbon Neutral Certification										
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible quantity (tCO <sub>2</sub> -e)	Quantity used for previous reporting periods	Quantity banked for product certification	Quantity used for this reporting period claim	Percentage of total (%)
Mullagalah Regeneration Project ( <a href="#">EOP101098</a> )	ACCU	ANREU	06 July 2022	<u>8,331,171,515-</u> <u>8,331,175,728</u>	2021-22	5,000	0	0	4,214	100%
<i>Total offsets retired this report and used in this report</i>									4,214	
<i>Total offsets retired this report and banked for use in the product certifications (see Red Energy product)</i>								786		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Australian Carbon Credit Units (ACCU)s)	4,214	100

\*The above offsets are to cover the projected FY2022-23 emissions for each entity as follows:

- Red Energy – Organisation 2,943 (2942.82t CO<sub>2</sub>-e)
- Lumo Energy – Organisation 1,183 (1,182.51t CO<sub>2</sub>-e)
- Direct Connect – Organisation 88 (87.04t CO<sub>2</sub>-e)
- Red Energy – Opt-in Gas Product 320 (319.32t CO<sub>2</sub>-e)
- Lumo Energy – Opt- in Gas Product 14 (13.3t CO<sub>2</sub>-e)
- Total banked for future use 452 (shown in Lumo Product certification)

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) summary

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

<b>1. Large-scale Generation certificates (LGCs)*</b>	N/A
<b>2. Other RECs</b>	N/A

\* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<i>Total LGCs surrendered this report and used in this report</i>							N/A		

## APPENDIX A: ADDITIONAL INFORMATION

N/A

## APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach

### 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.

### Market-based approach summary

Market-based approach	Activity data (kWh)	Emissions (kgCO <sub>2</sub> -e)	Renewable % of total
Behind the meter consumption of electricity generated	0	0	0%
<b>Total non-grid electricity</b>	0	0	0%
LGC purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	1,116,124	0	100%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	211,226	0	19%
Residual electricity	-211,226	-226,663	-19%
<b>Total grid electricity</b>	1,116,124	-226,663	100%
<b>Total electricity consumed (grid + non grid)</b>	1,116,124	-226,663	119%
Electricity renewables	1,327,350	0	
Residual electricity	-211,226	-226,663	
<b>Exported on-site generated electricity</b>	0	0	
Emission footprint (kgCO <sub>2</sub> -e)		0	

<b>Total renewables (grid and non-grid)</b>	<b>118.93%</b>
<b>Mandatory</b>	<b>18.93%</b>
<b>Voluntary</b>	<b>100.00%</b>
<b>Behind the meter</b>	<b>0.00%</b>

<b>Residual electricity emission footprint (tCO<sub>2</sub>-e)</b>	<b>0</b>
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Figures may not sum due to rounding. Renewable percentage can be above 100%

### Location-based approach summary

Location-based approach	Activity data (kWh)	Emissions (kgCO <sub>2</sub> -e)
NSW	15,036	13,532
Vic	1,101,088	1,200,186
<b>Grid electricity (scope 2 and 3)</b>	<b>1,116,124</b>	<b>1,213,718</b>
NSW	0	0
Vic	0	0
<b>Non-grid electricity (behind the meter)</b>	<b>0</b>	<b>0</b>
<b>Total electricity consumed</b>	<b>1,116,124</b>	<b>1,213,718</b>
<b>Emission footprint (tCO<sub>2</sub>-e)</b>	<b>1,214</b>	

### Climate Active carbon neutral electricity summary

Carbon neutral electricity offset by Climate Active product	Activity data (kWh)	Emissions (kgCO <sub>2</sub> -e)
N/A	0	0

Climate Active carbon neutral electricity is not considered renewable electricity. The emissions have been offset by another Climate Active carbon neutral product certification.

## APPENDIX C: INSIDE EMISSIONS BOUNDARY

### Non-quantified emission sources

The following sources emissions have been assessed as relevant, 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	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance plan in place
Not applicable				

## APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

### Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct'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.

No relevant emission sources have been excluded.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Not applicable						



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