



# **PUBLIC DISCLOSURE STATEMENT**

**RADIAN ENERGY**

**ORGANISATION CERTIFICATION  
FY2020-21**

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



NAME OF CERTIFIED ENTITY: Radian Holdings Pty Ltd, trading as Radian Energy

REPORTING PERIOD: Financial year 1 July 2020 – 30 June 2021

**Declaration**

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.

Signature

Date

28th January 2022

Name of Signatory

David Ireland

Position of Signatory

Director



**Australian Government**

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

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Version number February 2021

# 1. CARBON NEUTRAL INFORMATION

## Description of certification

This inventory has been prepared for the financial year from 1 July 2020 to 30 June 2021 and covers the Australian business operations of Radian Holdings Pty Ltd, trading as Radian Energy, ABN: 94 633 200 656.

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007. This includes the following locations and facilities:

- Level 1, 16 McDougall St, Milton QLD 4064
- Level 2, 990 Whitehorse Road, Boxhill VIC 3128
- Working remotely in NSW & the ACT

This certification only covers the Australian business operations of Radian Energy. Electricity sold to customers by Radian Energy is covered by a separate Product Public Disclosure Statement, found [here](#).

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF<sub>6</sub>) and nitrogen trifluoride (NF<sub>3</sub>). These have been expressed as carbon dioxide equivalents (CO<sub>2</sub>-e) using relative global warming potentials (GWPs).

*“As an organisation committed to helping Australians switch to energy that doesn’t cost the earth, aligning with Climate Active just made sense. It’s important that we make sure we live what we preach, and minimise our environmental impact as well.”*

## Organisation description

Radian Energy is an Australian energy electricity retailer, whose mission is to help every home and business in Australia enjoy the benefits of renewable energy. Radian Energy makes it easy for everyone to use their power for good by switching to energy that doesn't cost the earth.

Radian Energy is a wholly owned subsidiary of Radian Holdings Pty Ltd. Radian Energy is based in Brisbane, Queensland, but provides electricity across southeast Queensland, NSW, and the ACT.

## 2. EMISSION BOUNDARY

### Diagram of the certification boundary



**Non-quantified sources**

N/A

**Data management plan**

N/A

**Excluded sources (outside of certification boundary)**

N/A

*“When it comes to choosing between energy that harms the planet and energy that doesn’t, is it really a choice? Being Climate Active shows our commitment to minimising our environmental impact and the negative impacts of the energy we sell.”*

### 3. EMISSIONS SUMMARY

#### Emissions reduction strategy

We will continue to offset the emissions generated by the electricity we sell. We also commit to helping every household and business make the switch to renewable energy, by making solar and batteries cost effective. Additionally, we will be developing a detailed emissions reduction strategy for our own business over the next two years, which will articulate the specific steps we will take to minimize our environmental impact.

#### Emissions summary (inventory)

Table 2

Emission source category	tonnes CO <sub>2</sub> -e
Accommodation and facilities	0.19
Air Transport (km)	0.90
Electricity	0.76
ICT services and equipment	8.04
Land and Sea Transport (fuel)	2.49
Land and Sea Transport (km)	0.00
Office equipment & supplies	0.01
Professional Services	20.63
Refrigerants	0.12
Waste	0.05
Working from home	1.66
<i>Total Net Emissions</i>	<b>34.88</b>

	Emissions (tCO <sub>2</sub> -e)
Total offset liability	222 tCO <sub>2</sub> -e
Offset by organisation	34.88 tCO <sub>2</sub> -e
Offset by product	186.15 tCO <sub>2</sub> -e

## Uplift factors

Table 3

Reason for uplift factor	tonnes CO <sub>2</sub> -e
N/A	
<i>Total footprint to offset (uplift factors + net emissions)</i>	<b>34.88</b>

## Carbon neutral products

This assessment and Climate Active submission was prepared with the assistance of [Pangolin Associates](#) and these services are also carbon neutral.

## Electricity summary

Electricity was calculated using a location-based approach.

### Market-based approach summary

Table 4

Market Based Approach	Activity Data (kWh)	Emissions (kgCO <sub>2</sub> e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0%</b>
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	0	-	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	132	0	19%
Residual Electricity	567	609	0%
<b>Total grid electricity</b>	<b>700</b>	<b>609</b>	<b>19%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>700</b>	<b>609</b>	<b>19%</b>
Electricity renewables	132	0	
Residual Electricity	567	609	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emission Footprint (kgCO <sub>2</sub> e)		609	

*A minus Residual Electricity Emissions in kgCO<sub>2</sub>e rounds to zero because the negative emissions can only be used to reduce electricity consumption emissions.  
See electricity accounting rules for further information*

<b>Total renewables (grid and non-grid)</b>	<b>18.93%</b>
<b>Mandatory</b>	<b>18.93%</b>
<b>Voluntary</b>	<b>0.00%</b>
<b>Behind the meter</b>	<b>0.00%</b>
<b>Residual Electricity Emission Footprint (TCO<sub>2</sub>e)</b>	<b>1</b>

Figures may not sum due to rounding. Renewable percentage can be above 100%



Location-based approach summary  
Table 5

Location-based approach	Activity Data (kWh)	Emissions (kgCO <sub>2</sub> e)
VIC	700	763
<b>Grid electricity (scope 2 and 3)</b>	<b>700</b>	<b>763</b>
VIC	0	0
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>700</b>	<b>763</b>

<b>Emission Footprint (tCO<sub>2</sub>e)</b>	<b>0.76</b>
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## 4. CARBON OFFSETS

### Offsets strategy

Table 6

Offset purchasing strategy:	
In arrears	
1. Total offsets previously forward purchased and banked for this report	0
2. Total emissions liability to offset for this report	35
3. Net offset balance for this reporting period	35
4. Total offsets to be forward purchased to offset the next reporting period	0
5. Total offsets required for this report	35

The details of offsets relating to Radian Energy's product certification are found in a separate PDS. The relevant PDS can be found [here](#).

### Co-benefits

#### NIHT Topaiyo REDD +

NIHT Inc. has partnered with the traditional landowners of New Ireland and East New Britain to put an end to deforestation initiated by industrial logging in the region. The preservation of these rainforests is essential to not only the carbon and biodiversity benefits inherent with projects of this nature, but also for the wellbeing and prosperity of the people of New Ireland and East New Britain. The project is located in the forested areas of New Ireland and East New Britain in Papua New Guinea. The project has evolved based on the input and needs expressed by persons living in the region. What began as a traditional timber operation has been recognised as an opportunity with enormous carbon sequestering potential and has evolved into a forest protection project that will provide substantial economic benefits to the people of Papua New Guinea. Through the avoidance of carrying out exploitative industrial commercial timber harvesting in the project area, the project expects to generate nearly 60 million tonnes of CO<sub>2</sub> emissions reductions across the 30 year project lifetime, depending on the number and size of Project Activity Instances (PAIs) added to the project.

## Offsets summary

### Proof of cancellation of offset units

Table 7

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 future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
NIHT Topaiyo REDD +	VCUs	Verra	13 Oct 2021	<a href="#">9629-113182247-113182281-VCS-VCU-466-VER-PG-14-2293-01062017-31122019-0</a>	2019	35	0	0	35 <sup>1</sup>	100%
<b>Total offsets retired this report and used in this report</b>									35	
<b>Total offsets retired this report and banked for future reports</b>								0		

  

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Verified Carbon Units (VCUs)	35	100%

## 5. USE OF TRADE MARK

Table 8

Description where trademark used	Logo type
Website, branding, social media, product information documents	Certified organisation

## 6. ADDITIONAL INFORMATION

N/A

# APPENDIX 1

## Excluded emissions

To be deemed relevant an emission must meet two of the five relevance criteria. Excluded emissions are detailed below against each of the five criteria.

**Table 9**

Relevance test					
Excluded emission sources	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>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.</i>

N/A

## APPENDIX 2

### Non-quantified emissions for organisations

Table 10

Non-quantification test				
Relevant-non-quantified emission sources	<i>Immaterial &lt;1% for individual items and no more than 5% collectively</i>	<i>Quantification is not cost effective relative to the size of the emission but uplift applied.</i>	<i>Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.</i>	<i>Initial emissions non-quantified but repairs and replacements quantified</i>

N/A



An Australian Government Initiative

