



# **PUBLIC DISCLOSURE STATEMENT**

**OVO ENERGY PTY LTD (OVO ENERGY)**

**PRODUCT CERTIFICATION**

**CY2021**

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



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	OVO Energy Pty Ltd
REPORTING PERIOD	Calendar year 1 January 2021 – 31 December 2021 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>Mark Yemm CEO</p> <p>03 June 2024</p>



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

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Version: January 2024



# 1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	21,355 tCO <sub>2</sub> -e
CARBON OFFSETS USED	100% CERs
RENEWABLE ELECTRICITY	41.79%
TECHNICAL ASSESSMENT	Next technical assessment due CY2023

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## 2. CERTIFICATION INFORMATION

### Description of product certification

This Product Disclosure Statement (PDS) relates specifically to OVO Energy's electricity 'Product' that is created by OVO Energy when it buys electricity from the National Electricity Market (NEM) and on-sells that electricity to its retail customers under the OVO Energy brand. It is this Product which is accredited under the Climate Active Carbon Neutral Program. Further information about OVO Energy can be found at [www.ovoenergy.com.au](http://www.ovoenergy.com.au).

- Functional unit: 28,166,450 kWh
- Offered as: full coverage product
- Life cycle: cradle-to-grave

The responsible entity for this product certification is OVO Energy Pty Ltd (OVO Energy), ABN 99623475089.

This Public Disclosure Statement includes information for CY2021 reporting period.

### Description of business

OVO Energy is an Australian-based residential energy retailer that commenced trading to the public in NSW on 19th December 2019. OVO Energy currently retails electricity to customers in NSW, QLD, VIC and SA. OVO Energy has a proven track record in the UK, where it currently retails electricity and gas to over 5 million households. In 2021, all of OVO Energy's retail electricity products were sold as 100% carbon neutral so the benefit was provided to all customers who signed up with OVO Energy on a market retail contract.

## 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

- *Electricity Generation - Fuel extraction, production, transportation, and combustion.*
- *Transmission & Distribution – distribution and transmission systems (i.e. getting the energy to customers)*
- *Retail Operations – office electricity, lighting, aircon, refrigeration, water, waste, and business travel*
- *Customer electricity consumption*

### Non-quantified

N/A

### Optionally included

N/A

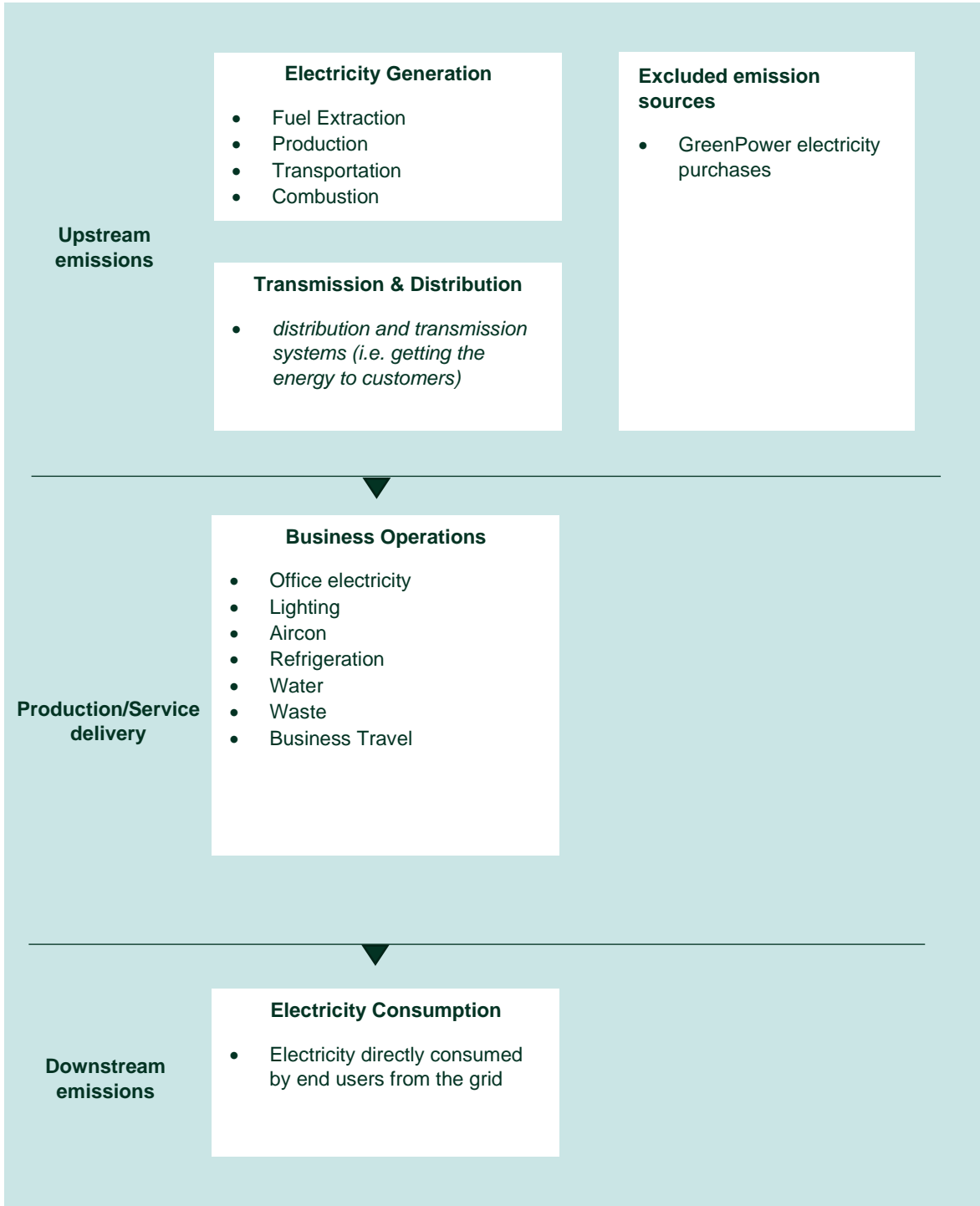
## Outside emission boundary

### Non-attributable

OVO incorporates 10% GreenPower for all energy that is retailed to customers. All customers can choose to upgrade to 100% GreenPower; if this occurs an additional 90% of GreenPower is added for those customers.

# Product / Service process diagram

Cradle-to-grave boundary:



## 4. EMISSIONS REDUCTIONS

### Emissions reduction strategy and actions

OVO Energy as an energy retailer does not produce or make a tangible product which makes it harder to reduce its emissions as it does not have direct control over the production of the product it sells (electricity). Therefore, it has focused on ensuring it partners with responsible companies looking to also decrease their carbon emissions. For example since 2021 it has been working to replace its billing system provider and switch over to Kaluza. Kaluza is a BCorp certified business with a committed strategy to become carbon negative by 2030. OVO Energy finalised the migration of its customer base to this platform on 31 March 2023.

Furthermore, by partnering with a new billing system provider, it enables OVO Energy to find innovative ways to help our customers reduce their own emissions. Through the following initiatives it is enabling its customers to understand their emissions and enable them to make more informed decisions about how they use energy:

- Its online portal (MyOVO) which is available free of charge to all customers and allows them to easily track their electricity usage, carbon footprint for electricity and to make informed decisions in order to reduce their electricity consumption – and therefore reduce emissions.
- It commenced work on a smartphone application – which will provide the same functionality as mentioned above, through a dedicated smartphone app available on both iOS and Android. This was launched in November 2023.
- Partnering with relevant providers to offer other electricity retail adjacent devices and services (e.g. solar panels, batteries, EVs etc.) to help customers on their decarbonisation journey.
- It developed specific offerings for customers with solar panels and EVs to assist customers decarbonise their home. These were also launched in 2023.
- It developed energy retail plans to encourage customers to use energy when solar generation is at its most abundant in the electricity system by offering free energy between 11am and 2pm. Again, this was launched 2023.
- Give customers the ability to upgrade their electricity plan to 100% GreenPower which is

Furthermore, we actively encourage all personnel to be aware of their actions, and wherever possible or appropriate, curb their emissions.



## 5. EMISSIONS SUMMARY

### Emissions over time

Emissions since base year			
		Total tCO <sub>2</sub> -e	Emissions intensity of the functional unit (tCO <sub>2</sub> -e per / MWh / customer)
Base year:	CY2020	4,994	0.850 tCO <sub>2</sub> -e / MWh
Year 1:	CY2021	21,355	0.722 tCO <sub>2</sub> -e / MWh

### Significant changes in emissions

Significant changes in emissions			
Attributable process	Previous year emissions (t CO <sub>2</sub> -e)	Current year emissions (t CO <sub>2</sub> -e)	Reason for change
Scope 2 and 3 emissions from Electricity Product	4,994	21,355	Growth in customers between 2020 and 2021. OVO ended 2021 with 10,115 live electricity customers compared to 3,920 live customers at the end of 2020.

### Emissions summary

Stage	tCO <sub>2</sub> -e
Electricity	21,355

An uplift factor of 5% was included in the emissions total.

Product / Service offset liability	
Emissions intensity per functional unit	0.722 tCO <sub>2</sub> -e / MWh
Emissions intensity per functional unit including uplift factors	0.758 tCO <sub>2</sub> -e / MWh
Number of functional units covered by the certification	28,166,450 kWh
<b>Total emissions (tCO<sub>2</sub>-e) to be offset</b>	<b>21,355</b>

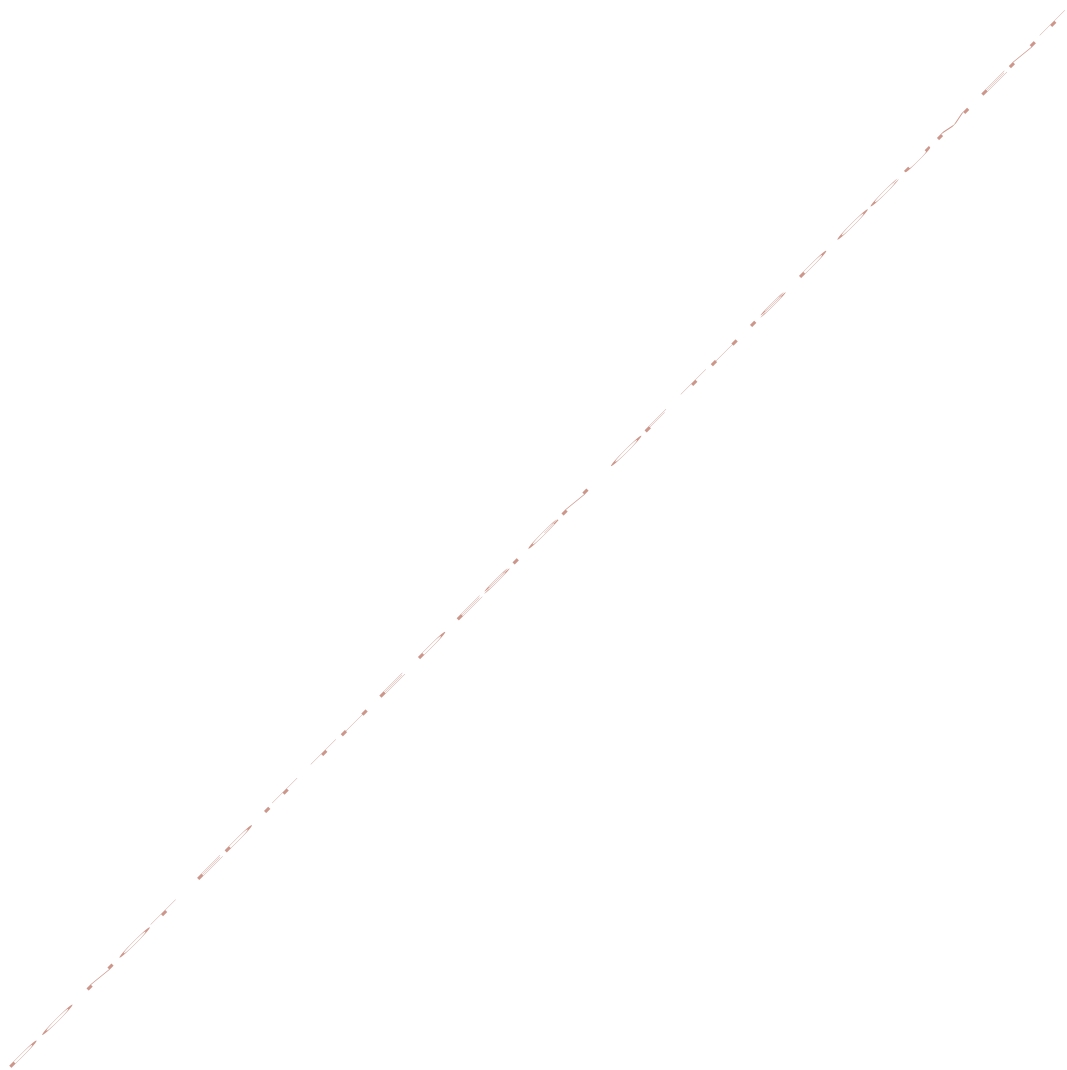
## 6. CARBON OFFSETS

### Eligible offsets retirement summary

Offsets retired for Climate Active certification

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Certified Emissions Reductions (CERs)	21,355	100%

Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity retired (tCO <sub>2</sub> -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 (%)
Grid connected renewable electricity generation (Brazil)	CER	CDM	07/01/2022	CDM Project 6042: CDM Project SHP Santa Carolina: Link: <a href="https://cdm.unfccc.int/Projects/DB/BVQI1334253365.85/view">https://cdm.unfccc.int/Projects/DB/BVQI1334253365.85/view</a>	2013+	12,000	12,000	0	0	12,000	100%
Methane recovery in waste water treatment Methane/Biomass Energy Generation (India)	CER	CDM	19/04/2022	CDM Project 3880: (ABGSPL): <a href="https://cdm.unfccc.int/Projects/DB/DNV-CUK1280209384.47/view">https://cdm.unfccc.int/Projects/DB/DNV-CUK1280209384.47/view</a>	2013+	10,000	10,000	0	645	9,335	93.37%
<b>Total offsets retired this report and used in this report</b>										<b>21,335</b>	
<b>Total offsets retired this report and banked for future reports</b>									<b>645</b>		



## 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
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\* 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	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Total LGCs surrendered this report and used in this report</b>									<b>N/A</b>

## APPENDIX A: ADDITIONAL INFORMATION

### Additional offsets retired for purposes other than 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)	Purpose of retirement
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

## APPENDIX B: ELECTRICITY SUMMARY

### 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 (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)	0	0	0%
GreenPower	3,967,150	0	14.08%
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)	5,222,060	0	18.54%
On-site solar generation	2,582,937	0	9.17%
Residual Electricity	17,705,847	17,705,847	0%
<b>Total grid electricity</b>	<b>26,895,057</b>	<b>17,705,847</b>	<b>41.79%</b>
<b>Total electricity (grid + non grid)</b>	<b>26,895,057</b>	<b>17,705,847</b>	<b>0%</b>
Percentage of residual electricity consumption under operational control	100%		
<b>Residual electricity consumption under operational control</b>	<b>0</b>	<b>0</b>	
Scope 2	0	0	
Scope 3 (includes T&D emissions from consumption under operational control)	0	0	

<b>Residual electricity consumption not under operational control</b>	<b>0</b>	<b>0</b>
Scope 3	2,614,564	2,614,564
Uplift (5%)	1,017,753	1,017,753

<b>Total renewables (grid and non-grid)</b>	<b>0.00%</b>
<b>Mandatory</b>	<b>18.54%</b>
<b>Voluntary</b>	<b>23.25%</b>
<b>Behind the meter</b>	<b>0.00%</b>
<b>Total emissions liability (t CO<sub>2</sub>-e)</b>	<b>21,355</b>

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



# 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.

No emission sources in Meridian Energy's electricity product boundary were non-quantified in CY2021.

Relevant non-quantified emission sources	Justification reason
NA	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**).

Emissions Source	No actual data	No projected data	Immaterial
N/A	N/A	N/A	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 EMISSION BOUNDARY

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
N/A	N/A	N/A	N/A	N/A	N/A	N/A

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.

### Non-attributable emissions sources summary



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