PUBLIC DISCLOSURE STATEMENT

NOVO H2O

ORGANISATION CERTIFICATION
FY2022-23

Australian Government

Climate Active
Public Disclosure Statement

An Australian Government Initiative

NAME OF CERTIFIED ENTITY	The Trustee for Novo Unit Trust, trading as Novo H2O
REPORTING PERIOD	Financial Year 1 July 2022 – 30 June 2023 Arrears report
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.* Sara Fisher
	Sara Fisher Director 14 September 2023

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

Version August 2023.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	164 tCO_2-e
OFFSETS USED	100% VCU's
RENEWABLE ELECTRICITY	18.80 %
CARBON ACCOUNT	Prepared by: Green Moves (Aust) Pty Ltd
TECHNICAL ASSESSMENT	Not applicable

Contents

2. CARBON NEUTRAL INFORMATION

Description of certification

This carbon inventory is for the financial year period 1st July 2022 to 30th June 2023, is the ongoing inventory and has been developed in accordance with the Climate Active Carbon Neutral Standard for Organisations. The boundary has been defined based on the operational control approach.

This certification covers the Australian business operations of "The Trustee for Novo Unit Trust" trading as Novo H2O. ABN 47 136 166 187.

Organisation description

Established in 2003 through the union of Sydney's largest Australian-owned, independent bottled spring water supplier and a leading filtered water cooler supplier, NovoH2O offers a full range of filtered water cooler and bottled spring water solutions to businesses and households.

The following office and core assets are owned or operated by Novo H2O and are included in this carbon inventory:

- Unit 15, 159 Arthur St, Homebush West NSW 2140

3.EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation 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

Stationary energy and fuels

Electricity

Accommodation

Carbon neutral products and services

Cleaning and chemicals

Food

ICT services and equipment

Professional services

Office equipment and supplies

Postage, courier and freight

Products (clothing)

Refrigerants

Transport (air)

Transport (land and sea)

Waste

Water

Non-quantified

None

Outside emission boundary

Excluded

Products sold.

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Novo H2O commits to reducing emissions across its value chain (scope 1, 2 and 3) by at least 10% by 2025, and 20% by 2030. Novo H2O is a growing business, measuring emissions reduction from a base year when circumstances change annually, does not provide a true reflection of reductions achieved. Therefore, going forward, we will measure our emissions against a key performance indicator (KPI) of emissions / annual turnover baselined on our FY 2022 base year from 2024, for this year we will use emissions / FTE.

FY 2022 emissions / FTE – 13.0

FY 2023 emissions / FTE – 16.4

We aim to achieve this by taking the following actions and continuing to look for opportunities to reduce emissions further over the next 5 years.

Emission Source	Emission reduction measure	Scope	Status	Due Date	Estimated Reduction t CO2-e pa
Energy	Switch to a 100% renewable electricity provider	2 & 3	In Progress	30 June 2024	26.1
Paper	Reduce printing and purchase certified carbon neutral paper	3	Planned	2024	n/a
Waste	Investigate and improve recycling to reduce waste to landfill (est 20% reduction)	3	Planned	2025	4.5
Energy	Transition LPG forklift to electric	1 & 3	Planned	2026	1.9
Fuel	Investigate and plan transition to hybrid or electric vehicles (est 50% fuel emission savings)	1 & 3	Planned	2030	TBA

Emissions reduction actions

Completed actions will be noted here.

Emission Source	Emission reduction measure	Scope	Status	Year Done	Reduction t CO2-e pa
All	Set emission reduction targets	All	Done	2023	n/a
All	Establish sustainability and purchasing policies to formally preference carbon neutral products, or products with high environmental credentials	All	Done	2023	n/a

5. EMISSIONS SUMMARY

Emissions over time

		Emissions since base year	
		Total tCO_2-e (without uplift)	Total tCO_2-e (with uplift)
Base year:	2021-2022	123.77	129.96
Year 1:	2022-2023	155.59	163.37

Significant changes in emissions

Emission source name	Previous year emissions (t CO_2-e)	Current year emissions (t CO_2-e)	Detailed reason for change
Electricity (market-based method, scope 2)	14.71	23.04	Significant Increase in business (over 30% in sales and work load) which as significantly increased energy requirements
Diesel oil post-2004	11.24	13.50	Increase in business and Scope 3 emission factor increase

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

N/A

Certified brand name	Product/Service/Building/Precinct used

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 (t CO2-e)
Accommodation and facilities	0.00
Cleaning and chemicals	0.45
Climate Active carbon neutral products and services	0.00
Construction materials and services	2.95
Electricity	26.08
Food	0.81
ICT services and equipment	4.88
Machinery and vehicles	6.45
Office equipment and supplies	0.44
Postage, courier and freight	0.23
Products (clothing)	0.19
Professional services	14.97
Refrigerants	0.00
Roads and landscape	0.00
Stationary energy (gaseous fuels)	0.00
Transport (air)	0.54
Transport (land and sea)	71.64
Waste	22.67
Water	3.31
Total	**155.59**

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
Mandatory 5% uplift for small organisations	7.78
Total of all uplift factors	7.78
Total emissions footprint to offset *(total emissions from summary table + total of all uplift factors)*	**163.37**

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 164 t CO_2-e. The total number of eligible offsets used in this report is 164. Of the total eligible offsets used, none were previously banked and 164 were newly purchased and retired. None are remaining and have been banked for future use.

Co-benefits

This greenfield project generates power using renewable energy source (wind energy) and sells the power generated to the state grid. It replaces the use of diesel generators by meeting the power demand during shortage periods. There is no consumption of any fossil fuel and hence no greenhouse gas emissions.

Social well-being: The project helps in generating employment opportunities during the construction and operation phases. The project activity will lead to development in infrastructure in the region such as development of roads and may promote business with improved power generation. Project developers will use at a minimum 2% of the revenues accrued from the sale of carbon credits on an annual basis for community related activities. These include providing assistance for development of public amenities in the surrounding areas such as water distribution/sanitation facilities/building of schools and hospitals and free distribution of educational books and school uniforms, annual eye camps health checks for villagers.

Economic well-being: The project is a clean technology investment in the region, which would not have taken place in the absence of the VCS benefits. The project activity will also help to reduce the demand supply gap in the state. The project will generate power using zero emissions wind based power generation which helps to reduce GHG emissions and specific pollutants like SOx, NOx, and SPM associated with the conventional thermal power generation facilities.

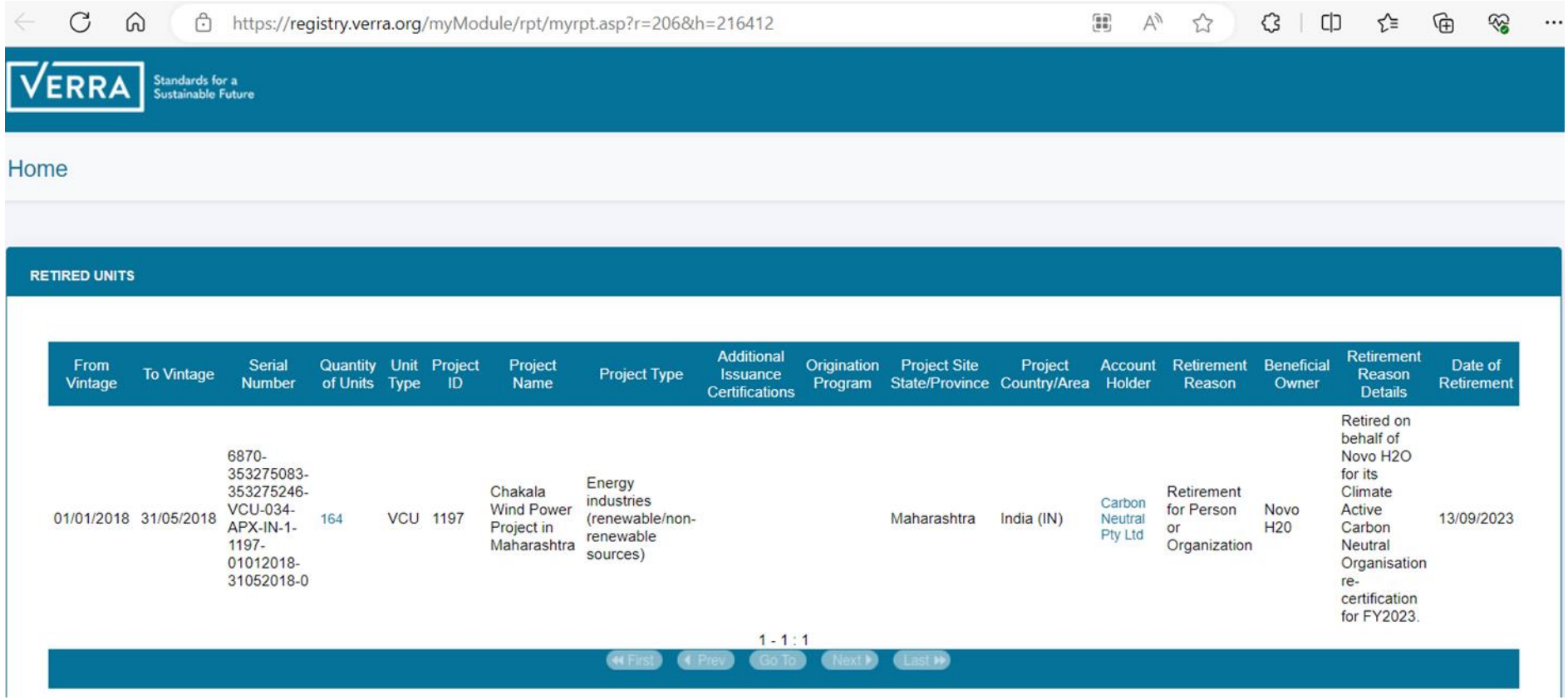
Environmental well-being: Wind being a renewable source of energy, reduces the dependence on fossil fuels and conserves natural resources which are on the verge of depletion. Due to its zero emission the Project activity avoids a significant amount of GHG emissions.

Technological well-being: The successful operation of the project activity should lead to promotion of wind based power generation and would encourage other entrepreneurs to participate in similar projects.

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 (%)**
Chakala Wind Power Project in Maharashtra Project ID 1197 Indoa	VCU	Verra	13 September 2023	6870-353275083-353275246-VCU-034-APX-IN-1-1197-01012018-31052018-0	2018	0	164	0	0	164	100%
									Total eligible offsets retired and used for this report	164	
									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)	164	100%



From Vintage	To Vintage	Serial Number	Quantity of Units	Unit Type	Project ID	Project Name	Project Type	Additional Issuance Certifications	Origination Program	Project Site State/Province	Project Country/Area	Account Holder	Retirement Reason	Beneficial Owner	Retirement Reason Details	Date of Retirement
01/01/2018	31/05/2018	6870-353275083-353275246-VCU-034-APX-IN-1-1197-01012018-31052018-0	164	VCU	1197	Chakala Wind Power Project in Maharashtra	Energy industries (renewable/non-renewable sources)			Maharashtra	India (IN)	Carbon Neutral Pty Ltd	Retirement for Person or Organization	Novo H20	Retired on behalf of Novo H2O for its Climate Active Carbon Neutral Organisation re-certification for FY2023.	13/09/2023

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7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A.

APPENDIX A: ADDITIONAL INFORMATION

None

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 CO2-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)	6,324	0	19%
Residual Electricity	27,312	26,083	0%
Total renewable electricity (grid + non grid)	**6,324**	**0**	**19%**
Total grid electricity	**33,636**	**26,083**	**19%**
Total electricity (grid + non grid)	**33,636**	**26,083**	**19%**
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	**27,312**	**26,083**	
Scope 2	24,120	23,035	
Scope 3 (includes T&D emissions from consumption under operational control)	3,192	3,049	
Residual electricity consumption not under operational control	**0**	**0**	
Scope 3	0	0	

Total renewables (grid and non-grid)	**18.80%**
Mandatory	**18.80%**
Voluntary	**0.00%**
Behind the meter	**0.00%**
Residual scope 2 emissions (t CO2-e)	**23.03**
Residual scope 3 emissions (t CO2-e)	**3.05**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	**23.03**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	**3.05**
Total emissions liability (t CO2-e)	**26.08**
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 (kg CO2-e)**	**Scope 3 Emissions (kg CO2-e)**	**(kWh)**	**Scope 3 Emissions (kg CO2-e)**
ACT	0	0	0	0	0	0
NSW	33,636	33,636	24,554	2,018	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)	**33,636**	**33,636**	**24,554**	**2,018**	**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)	**33,636**					

Residual scope 2 emissions (t CO2-e)	**24.55**
Residual scope 3 emissions (t CO2-e)	**2.02**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	**24.55**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	**2.02**
Total emissions liability (t CO2-e)	**26.57**

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 CO2-e)
N/A	**0**	**0**

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.

Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO2-e)
N/A	**0**	**0**

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.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

None

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
None	

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 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
Products sold	N	N	N	N	N	**Size:** e.g., The emissions source is likely to be between X and Y t-CO_2-e, which is not large compared to the total emissions from electricity, stationary energy and fuel emissions (Z t-CO_2-e). **Influence:** e.g., We do not have the potential to influence the emissions from this source, including by shifting to a different lower-emissions supplier for our business. **Risk:** e.g., There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest. **Stakeholders:** e.g., Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business. **Outsourcing:** e.g., We have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.

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