



PUBLIC DISCLOSURE STATEMENT

NOVO H2O

ORGANISATION CERTIFICATION
FY2021–22

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 2021 – 30 June 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><i>Sara Fisher</i></p> <p>Sara Fisher Director 12 December 2022</p>



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

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Version March 2022.



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	130 tCO ₂ -e
OFFSETS BOUGHT	100% VERS
RENEWABLE ELECTRICITY	18.59 % Renewable energy
TECHNICAL ASSESSMENT	Not applicable
THIRD PARTY VALIDATION	Type 1 Data Validation 24 October 2022 Tardrew Partners Pty Ltd

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2. CARBON NEUTRAL INFORMATION

Description of certification

This carbon inventory is for the financial year period 1st July 2021 to 30th June 2022, forms the base year 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 offices 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

At Novo H2o we are very proud to be doing our part for the climate.

Sustainability aligns with our mission and our closed loop product lifecycle.

We are happy to give our clients an ethical solution for water delivery and hope that other small businesses join the Climate Active initiative too.

Novo H2O

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. Emission sources can be excluded if they do not occur.

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, are outside of the scope of the certification or for this small organisation did not occur. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.

Inside emissions boundary		Outside emission boundary
<u>Quantified</u>	<u>Non-quantified</u>	<u>Excluded</u>
Accommodation	None	Products
Cleaning & chemicals		
Construction materials		
Electricity		
Food		
ICT services & equipment		
Machinery & vehicles		
Office equipment & supplies		
Postage, courier & freight		
Products		
Professional services		
Refrigerants		
Stationary energy		
Transport		
Waste		
Water		

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

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.

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
All	Set emission reduction targets	All	In progress	30 June 2023	n/a
All	Establish sustainability and purchasing policies to formally preference carbon neutral products, or products with high environmental credentials	All	In progress	30 June 2023	n/a
Energy	Switch to a 100% renewable electricity provider	2 & 3	In Progress	30 June 2023	14.705
Paper	Reduce printing and purchase certified carbon neutral paper	3	Planned	2024	0.141
Waste	Investigate and improve recycling to reduce waste to landfill (est 20% reduction)	3	Planned	2025	n/a
Energy	Transition LPG forklift to electric	1 & 3	Planned	2026	2.140
Fuel	Investigate and plan transition to hybrid or electric vehicles (est 50% fuel emission savings)	1 & 3	Planned	2027	16.053

5.EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

Novo H2O does not currently use any certified carbon neutral products

Organisation emissions summary

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

Emission category	Totals t CO2-e
Accommodation and facilities	0.00
Cleaning and Chemicals	0.12
Construction Materials and Services	0.36
Electricity	14.71
ICT services and equipment	4.85
Machinery and vehicles	13.74
Office equipment & supplies	2.20
Postage, courier and freight	1.28
Products	0.01
Professional Services	5.27
Refrigerants	0.00
Transport (Air)	0.00
Transport (Land and Sea)	56.81
Waste	21.86
Water	3.61
Working from home	-1.04
Total	123.77

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't 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
Compulsory additional 5% of the total to be added for small organisations	6.19
Total of all uplift factors	
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	129.96

6. CARBON OFFSETS

Offsets retirement approach

In arrears	
1. Total emissions footprint to offset for this report	130 tonnes
2. Total eligible offsets purchased and retired for this report	130 tonnes
3. Total eligible offsets banked to use toward next year's report	0 tonnes

Co-benefits

300 MW Solar PV Plant at Bhadla, Rajasthan

The project activity is a 300 MW solar power project, promoted by Clean Solar Power (Bhadla) Pvt. Ltd. at Bhadla, Rajasthan, India. The project will replace anthropogenic emissions of greenhouse gases (GHG's) estimated to be approximately 492,382 tCO₂e per annum, thereon displacing 525,600 MWh/year amount of electricity from the generation-mix of power plants connected to the Indian electricity grid, which is mainly dominated by thermal/fossil fuel based power plant.

CERTIFIED SDG IMPACTS



PROJECT TYPE



Solar Thermal -
Electricity

STATUS



Gold Standard
Certified Project

Eligible offsets retirement summary

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	Stapled quantity	Eligible quantity (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 (%)
300 MW Solar PV Plant at Bhadla, Rajasthan.	VERs	GSR	19 September 2022	GS1-1-IN-GS7726-2-2021-22955-405107-405236	2021	0	130	0	0	130	100%
Total offsets retired this report and used in this report										130	
Total offsets retired this report and banked for future reports										0	

* Australian Native Reforestation Yarra Yarra Biodiversity Project are not Eligible Offset Units under Climate Active so have been stapled with an equal number of Eligible Units.

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Verified Emissions Reductions (VERs)	130	100

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

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

1. Large-scale Generation certificates (LGCs)*	
2. Other RECs	

* 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
Total LGCs surrendered this report and used in this report									

APPENDIX A: ADDITIONAL INFORMATION

None.

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 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 & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
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)	3,375	0	19%
Residual Electricity	14,779	14,705	0%
Total grid electricity	18,154	14,705	19%
Total Electricity Consumed (grid + non grid)	18,154	14,705	19%
Electricity renewables	3,375	0	
Residual Electricity	14,779	14,705	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		14,705	
Total renewables (grid and non-grid)	18.59%		
Mandatory	18.59%		
Voluntary	0.00%		
Behind the meter	0.00%		
Residual Electricity Emission Footprint (TCO₂e)	15		
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>			

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO2e)	Scope 3 Emissions (kgCO2e)
ACT	0	0	0
NSW	18,154	14,160	1,271
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	18,154	14,160	1,271
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Non-grid electricity (Behind the meter)	0	0	0
Total Electricity Consumed	18,154	14,160	1,271
Emission Footprint (TCO2e)	15		
<i>Scope 2 Emissions (TCO2e)</i>	14		
<i>Scope 3 Emissions (TCO2e)</i>	1		
Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)	
Enter product name/s here	0	0	
<i>Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.</i>			

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. 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
None				

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.

Although the emission sources below are deemed a relevant emission under the small organisation certification, we do not use these sources and as such they have been excluded from the PDS and carbon inventory.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Product	No	No	No	No	No	No



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