



PUBLIC DISCLOSURE STATEMENT

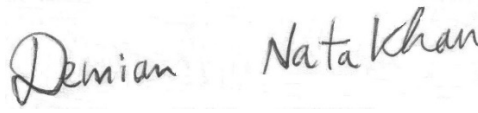
ENHAR PTY LTD

ORGANISATION CERTIFICATION

FY2021–22

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	ENHAR PTY LTD
REPORTING PERIOD	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>Demian Nata Khan Director 17 Oct 2022</p>



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

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Version March 2022. To be used for FY20/21/CY2021 reporting onwards.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	18.44.tCO ₂ -e
OFFSETS BOUGHT	100% VER
RENEWABLE ELECTRICITY	100%
TECHNICAL ASSESSMENT	N/A (small organisation) Data collected and input by Kelvin Wicks, Enhar Pty Ltd
THIRD PARTY VALIDATION	Type 1 10/10/2022 Katherine Simmons KREA Consulting

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2. CARBON NEUTRAL INFORMATION

Description of certification

The Australia business operations of Enhar Pty Ltd are included in this certification.

Certification covers all mandatory emissions from the small organisation certification boundary where they are relevant to our business.

Organisation description

Enhar Pty Ltd (ABN 39 149 249 310) is a solar PV and storage consultancy, with service offerings encompassing commercial solar PV feasibility, design and management; as well as utility solar and storage projects. Our mission is to raise the standard of the sector through excellence in project development, engineering and quality management.

Enhar strives to walk the talk as leaders in delivering excellence across solar and smart energy consulting.

Enhar's head office, located in Melbourne at Suite G-02, 60 Leicester Street, Carlton VIC 3053 Australia and secondary office, located at Level 3, 91 Parry St Newcastle West, NSW 2302.

“As an organisation which helps our clients lead the decarbonisation of the energy sector, we are proud to have now also achieved Climate Active certification for our business. We offset more than we emit because we understand the drawdown challenge too.”

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 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		Outside emission boundary
<p><u>Quantified</u></p> <ul style="list-style-type: none"> • All stationary energy and fuels used in vehicles in the organisation's control • All electricity consumed by buildings in the organisation's control • Accommodation • Air transport (km) • Land and sea transport • Office equipment and supplies • Refrigerants • Professional services • Waste • Cleaning and chemicals • Food • ICT services and equipment • Postage, courier, and freight • Water • Working from home (Australian staff) – electricity usage only • Staff commuting 	<p><u>Non-quantified</u></p> <ul style="list-style-type: none"> • Working from home (Pilipino staff) • Upstream leased assets – electricity consumed in NSW shared office space for 1 x staff member 	<p><u>Excluded</u></p> <ul style="list-style-type: none"> • N/A

Data management plan for non-quantified sources

The data management plan below outlines how more rigorous quantification can be achieved for material (greater than 1%) non-quantified emission sources.

- For the next reporting period (FY23), Enhar will ask its three Pilipino staff to share their electricity usage/invoices as part of the organisation-wide staff survey, along with details on any renewable energy usage. A survey will be created that mimics the Climate Active Working from Home calculator, so that an appropriate calculation can be put in place to more accurately measure their working from home impacts. Enhar is also looking to implement a carbon accounting software in future, which may further assist with this data collection.
- For the next reporting period (FY23), we will work with the landlord of the shared office space that the NSW team member works out of one day p/week – to request information on their electricity usage and the total quantity of users this should be divided between. Once the total consumption is known, we will be able to put in place a more accurate estimation of what this team member's usage would be. As above, Enhar is also looking to implement a carbon accounting software in future, which may further assist with this data collection.

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

As a business working to provide renewable energy solutions through our solar PV consultancy and service offerings, we are committed to maintain our carbon neutral status over time and working to improve on this with tangible emissions reductions where possible.

As a business, we have specifically chosen to locate our head office within the Australian Conservation Foundation's 60L Green Building for its extremely high environmental performance, including being powered by 100% renewable electricity. We also have strong waste management practices already in place, including recycling and composting initiatives.

Additional examples of initiatives already in place can be found on our website, where we demonstrate how we are walking the talk regarding our climate impacts as a business:

<https://www.enhar.com.au/about-us/walking-our-talk/>

Looking forward, we have developed an emissions reduction strategy that focusses on reducing our scope 3 emissions, which account for the vast majority of our total emissions.

Our goals, strategies, timeframes, and measures for emissions reduction are outlined in further detail in the following table.

Emissions reduction strategy	Emissions source	Anticipated reduction capacity	Timeframe / deadline	KPI's & measures
<i>FY 2022-2023 corporate measures</i>				
<i>Goal: To achieve a 30% emissions reduction by 2025 against our FY22 baseline</i>				
Undertake a review of professional services providers (e.g. IT, marketing and other business services) and prioritise working with service providers that have already certified their services as being carbon neutral.	Scope 3	~13%	Q2, 2023	Track the percentage of service providers we have changed to a carbon neutral alternative
Provide education and incentives for staff to purchase 100% certified GreenPower at home (where they are not already doing so), to reduce emissions associated with staff working from home.	Scope 3	~10%	Q2, 2023	Monitor staff uptake and emissions savings
Implement a staff travel policy that strongly encourages staff to reconsider their need to interstate travel to reduce the emissions associated with flights.	Scope 3	~9%	Q1, 2023	Monitor how this impacts flights purchased throughout the second half of FY23
<i>FY 2023-2030 corporate measures</i>				
<i>Goal: To achieve an 50% emissions reduction by 2030 against our FY22 baseline</i>				
Implement a mandate that all purchased goods and services for the business – from entertainment (e.g. Friday afternoon beers) through to service providers (e.g. IT providers) – are certified carbon neutral products or services.	Scope 3	~55%	FY30	Compare emissions difference of current suppliers against carbon neutral suppliers.

Use of Climate Active carbon neutral products and services

N/A

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 Scope 1 (TCO2e)	Sum of Scope 2 (TCO2e)	Sum of Scope 3 (TCO2e)	Sum of Total Emissions (TCO2e)
Accommodation and facilities	0.00	0.00	0.14	0.14
Cleaning and Chemicals	0.00	0.00	0.09	0.09
Food	0.00	0.00	0.48	0.48
ICT services and equipment	0.00	0.00	5.93	5.93
Office equipment & supplies	0.00	0.00	0.24	0.24
Postage, courier and freight	0.00	0.00	0.30	0.30
Professional Services	0.00	0.00	2.11	2.11
Refrigerants	0.01	0.00	0.00	0.01
Transport (Air)	0.00	0.00	1.48	1.48
Transport (Land and Sea)	0.00	0.00	3.34	3.34
Waste	0.00	0.00	0.91	0.91
Working from home	0.00	0.00	1.77	1.77
Total	0.01	0.00	16.78	16.79

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
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Uplift to account for non-quantified sources where data is unavailable:

- Additional 18.75% of the working from home emissions added to account for the three Pilipino staff working from home, given the existing working from home emissions from staff within Australia accounted for 8% of the total inventory (minus uplift factors) and there are 16 staff in total (minus the three Pilipino staff). This means a 18.75% should be added to the existing 8%.

0.47

Equation: $1,767 \text{ kg CO}_2\text{-e} \times 0.1875 = 331.31 \text{ kg CO}_2\text{-e}$ to be added

- Additional 135.68 kg CO₂-e added to the total to account for the electricity consumed in a NSW shared office space, used by one staff member for one day each week.

Equation: 2,985 kg CO2-e were generated under a market-based approach for 10 staff working in Victoria who were in the office an average of 2.2 days p/week. Given Enhar purchase GreenPower, there were 0 scope 2 emissions associated this electricity consumption in Melbourne. But the assumption is that in the NSW shared office, regular electricity is used. This means, based on an average of each Victorian staff member consuming 135.68 kg CO2-e each year for each day worked in the office (i.e. 2,985 / 10 / 2.2) – we assume the NSW team member would have similar consumption.

Total t CO2-e to be added = $(331.31 + 135.68)/1000 = 0.46699$

Compulsory additional 5% of the total to be added for small organisations	1.18
Total of all uplift factors	1.65
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	18.44

5. CARBON OFFSETS

Offsets retirement approach

In arrears

1. Total emissions footprint to offset for this report	18.44 tCO ₂ -e
2. Total eligible offsets purchased and retired for this report	19 tCO ₂ -e
3. Total eligible offsets banked to use toward next year's report	0 tCO ₂ -e

Co-benefits

The **Yarra Yarra Biodiversity Corridor** is a multi-species native reforestation project located in Southwest Australia, responsible for removing 1.897 million tonnes of carbon as well as restoring a region where more than 90% of the woodland had been cleared.

Established on semi-arid agricultural land that was longer suitable for farming, the project aimed to return the environment to its original state through the planting as many as to 50 native tree and shrub species indigenous to the region, with the objective of restoring the landscape to its natural condition of vegetation.¹

¹ <https://www.treecreds.com/what-we-do/forestry-projects-we-support/yarra-yarra-biodiversity-corridor-australia/>

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 (%)
Yarra Yarra Biodiversity Corridor						40*	-	-	-	-	-
CDM CER Metro Delhi Project, India	CERs	ANREU	20 Oct 2022	239,747,397 - 239,747,436	CP2		40*	0	0	19	100%
Total offsets retired this report and used in this report										19	
Total offsets retired this report and banked for future reports										0	

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Certified Emissions Reductions (CERs)	19	100%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A.

APPENDIX A: ADDITIONAL INFORMATION

Additional offsets cancelled 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 ₂ -e)	Purpose of cancellation
CDM CER Metro Delhi Project, India (stapled unit)	CERs	ANREU	20 Oct 2022	239,747,397 - 239,747,436	2014-2016	21	We have purchased additional offsets to contribute to drawing down carbon and have decided not to bank these for future reporting periods.
Yarra Yarra Biodiversity Corridor (Australia)	CERs	ANREU	20 Oct 2022	12PWA314292B - 12PWA314331B	NA	40	We have purchased stapled offsets in addition to those eligible under the Climate Active program, to support biodiverse reforestation as part of our carbon neutral certification. These have been voluntarily offset in addition to the Metro Delhi Project – and we have decided not to bank these for future reporting periods.

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	2,955	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)	549	0	19%
Residual Electricity	-549	-547	-19%
Total grid electricity	2,955	-547	100%
Total Electricity Consumed (grid + non grid)	2,955	-547	119%
Electricity renewables	3,504	0	
Residual Electricity	-549	-547	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		0	
<i>A minus Residual Electricity Emissions in kgCO₂e rounds to zero because the negative emissions can only be used to reduce electricity consumption emissions. See electricity accounting rules for further information</i>			
Total renewables (grid and non-grid)	118.59%		
Mandatory	18.59%		

Voluntary	100.00%
Behind the meter	0.00%
Residual Electricity Emission Footprint (TCO2e)	0

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

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO2e)	Scope 3 Emissions (kgCO2e)
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	2,955	2,689	296
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	2,955	2,689	296
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	2,955	2,689	296

Emission Footprint (TCO2e)	3
<i>Scope 2 Emissions (TCO2e)</i>	3
<i>Scope 3 Emissions (TCO2e)</i>	0

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
NA	0	0

Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their 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
Working from home (Pilipino staff)	No	No	Yes (uplift applied & data plan in place)	No
Upstream leased assets – electricity consumed in NSW shared office space for 1 x staff member	No	No	Yes (uplift applied & data plan in place)	No

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.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Purchased goods and services	Yes	Yes	Yes	Yes	No	Yes
Capital goods	No	No	No	No	No	No – we have no capital goods to include in our emissions boundary
Fuel and energy related activities	Yes	Yes	Yes	Yes	No	Yes
Upstream transportation and distribution	No	No	No	No	No	No – this does not occur in our operations
Waste generated in operations	No	Yes	No	Yes	No	Yes
Business travel	Yes	Yes	Yes	Yes	Yes	Yes
Employee commuting	Yes	No	Yes	Yes	No	Yes
Upstream leased assets	No	Yes	No	Yes	No	Yes – includes water usage & an uplift factor for electricity consumed in a NSW shared office
Downstream transportation and distribution	No	No	No	No	No	No – this does not occur in our operations

Processing of sold products	No	No	No	No	No	No – this does not occur in our operations
Use of sold products	No	No	No	No	No	No – this does not occur in our operations
End-of-life treatment of sold products	No	No	No	No	No	No – this does not occur in our operations
Downstream leased assets	No	No	No	No	No	No – this does not occur in our operations
Franchises	No	No	No	No	No	No – this does not occur in our operations
Investments	No	No	No	No	No	No – this does not occur in our operations



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