



PUBLIC DISCLOSURE STATEMENT

**ECO-GREEN GROUP ATF GRIFFITHS FAMILY
TRUST T/A ECO-GREEN GARDEN CARE**


**ORGANISATION CERTIFICATION
FY2021-22**

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Eco-Green Group ATF Griffiths Family Trust T/A Eco-Green Garden Care
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>Signature here</i></p>  <p>Name of signatory <i>Stuart Griffiths</i> Position of signatory <i>Managing Director</i> Date <i>01/09/23</i></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	36.64 t CO ₂ -e
OFFSETS BOUGHT	37 CERs
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT	N/A

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2. CARBON NEUTRAL INFORMATION

Description of certification

This greenhouse gas (GHG) statement has been prepared for the financial year (FY) from 1 July 2020 to 30 June 2021. The certification covers the Australian business operations of Eco-Green Group ATF Griffiths Family Trust T/A Eco-Green Garden Care, ABN 91 306 893 967

Organisation description

Established in 2018 and located in Epping, Victoria, our primary service is to provide households, businesses and owner's corporations with garden maintenance and landscaping services. Eco-Green Garden Care does additionally provide some cleaning services in conjunction with garden maintenance services to a small group of clients.

At Eco-Green Garden Care our mission is to "Inspire individuals and businesses to environmental accountability through modelling successful, environmentally sustainable business practices". For us, establishing Carbon Neutral practices is an essential step toward achieving this goal and accreditation serves as a valuable tool for quantifying this and holding our business accountable. Carbon neutral certification and other initiatives we are implementing, such as organic practices, will take us well on the way to achieving the environmentally sustainable business we strive for.

It covers direct (scope 1) and indirect (scope 2) GHG emissions associated with Eco-Green Garden Care's activities over which Eco-Green Garden Care has operational control, as well as other indirect GHG emissions that occur as a result of Eco-Green Garden Care's business activities (scope 3).

"For us, establishing carbon neutral practices are an essential step toward achieving this goal and Climate Active certification serves as a valuable tool for quantifying this and holding our business accountable"

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

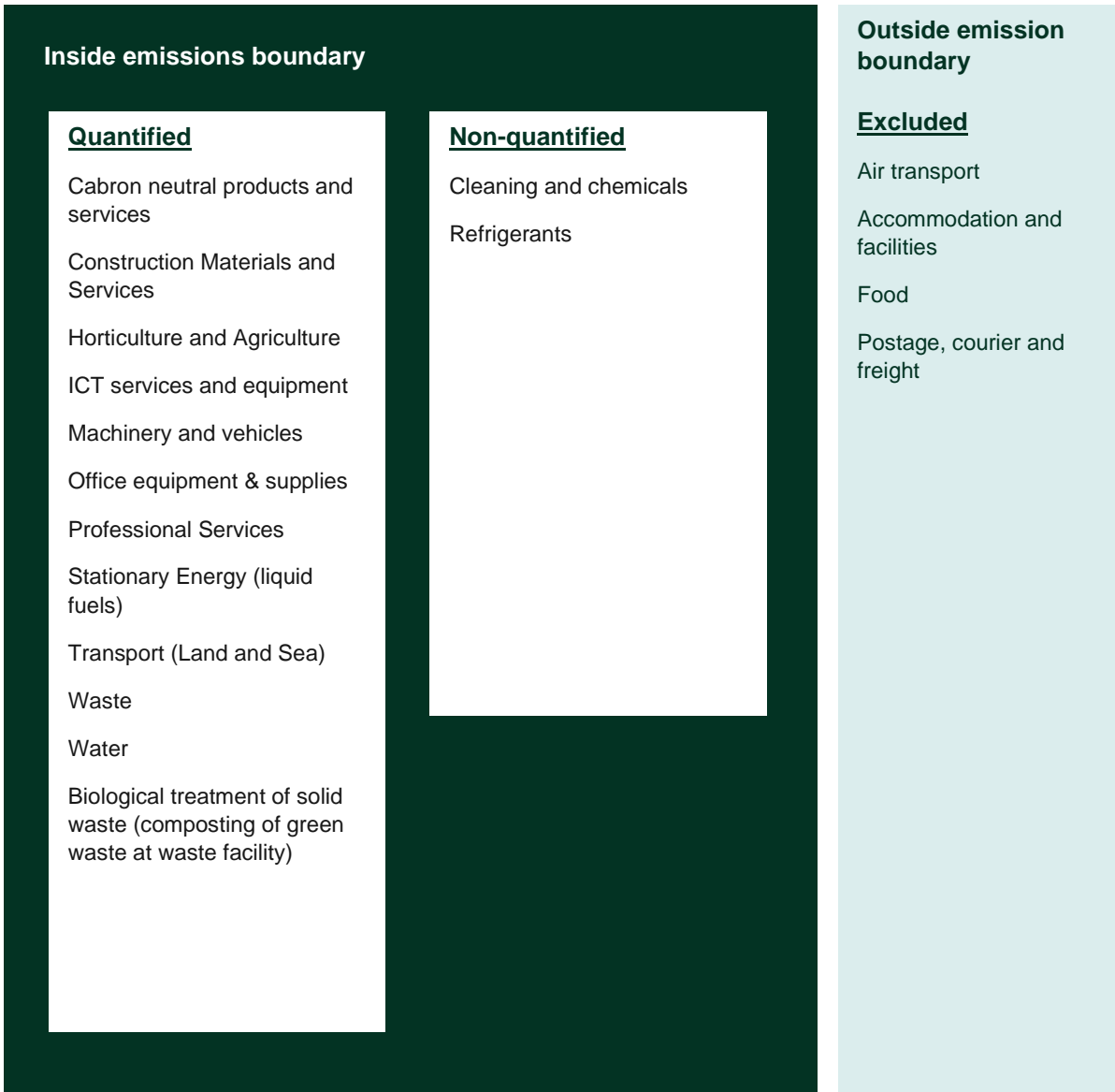
All emission sources listed in the emissions boundary are part of the carbon neutral claim.

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 the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.



Data management plan for non-quantified sources

No non-quantified sources in the emission boundary require a data management plan.

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

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Eco-Green Garden Care is introducing a target to reduce emissions per \$1,000 of revenue by 30% relative to base year by 2030. Please see below for a comprehensive list of emission reduction measures already implemented or scheduled for implementation this reporting period.

Quantifying GHG emission differences attributable to the implementation of our emission reduction measures can be difficult due to the nature of our operations and organic growth. GHG emission differences resulting from emission reduction measures will usually be reflected in our GHG emissions inventory but may also result in GHG emission differences outside our reporting boundaries.

Emissions reduction actions

To date, we have undertaken the following actions:

- Implemented waste management practices to optimise composting and recycling while minimising waste to landfill.
- Implemented job management software which assists in planning work schedules to minimise travel requirements.
- Utilise a full complement of battery tools and equipment (including the first commercial battery ride-on mower sold on the Australian market), resulting in zero emissions at the point of use. By charging from solar panels complemented by green energy from a carbon neutral certified supplier, they are also zero emissions at point of charge.
- Wherever practicable, utilise organic gardening practices as the production of organic products tends to have a smaller footprint than chemical products.
- Promote the utilisation of native plants. As well as supporting local ecosystems, Australian natives have lower nutrient and water requirements than many other species.
- Currently on the wait list for EV Transit to replace diesel vehicles.
- Currently seeking a depot location more central to the client base to reduce travel required.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total t CO ₂ -e
Base year	2019-20	20.01
Year 1	2020-21	42.07
Year 2	2021-22	36.64

Significant changes in emissions

Emission source name	Current year (t CO ₂ -e and/ or activity data)	Previous year (t CO ₂ -e and/ or activity data)	Detailed reason for change
Construction Materials and Services: Structural components and basic shapes	6.73	0	Recategorisation of GHG emission sources due to updated Climate Active template
Electricity	0.00	0.49	Carbon neutral-certified product
Stationary energy	1.32	2.33	Carbon neutral-certified product
Transport (land)	8.87	5.67	Organic growth
Horticulture & agriculture	0.86	5.42	Different categorisation in Climate Active templates
Machinery and vehicles: Electrical equipment, lighting fixtures, batteries, and generators	2.14	1.31	Different purchases over reporting periods
Machinery and vehicles: Motor vehicles	5.49	15.30	Different purchases over reporting periods
Waste to landfill	1.8	Not quantified	Organic growth & previously considered to be covered by 5% mandatory uplift

Use of Climate Active carbon neutral products and services

- Powershop electricity and natural gas.
- Belong internet and phone services.

Organisation emissions summary

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

Emission category	Sum of total emissions (tCO ₂ -e)
Climate Active Carbon Neutral Products and Services	0.00
Construction Materials and Services	6.73
Horticulture and Agriculture	5.42
ICT services and equipment	0.39
Machinery and vehicles	7.63
Office equipment & supplies	0.19
Professional Services	0.13
Stationary Energy (liquid fuels)	1.32
Transport (Land and Sea)	8.87
Waste	2.34
Water	0.00
Biological treatment of solid waste (composting of green waste at waste facility)	0.92
Total	33.94

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	t CO ₂ -e
Climate Active-mandated 5% uplift	1.70
Uplift for non-quantified items (cleaning and chemicals, refrigerants)	1.00
Total of all uplift factors	2.70
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	36.64

6. CARBON OFFSETS

Offsets retirement approach

In arrears	
1. Total number of eligible offsets banked from last year's report	0
2. Total emissions footprint to offset for this report	37 t CO ₂ -e
3. Total eligible offsets purchased and retired for this report	37
4. Total eligible offsets banked to use toward next year's report	0

Co-benefits

The project contributes to the sustainable development of the Nkhata Bay District and Malawi in several ways:

- It assists in conserving existing forest stocks and the protection of natural forest eco-systems and wildlife habitats. The protection of standing forests will also help protect watersheds, reduce soil erosion, and maintain rainfall in the project area.
- A significantly safer method for cooking with biomass, helping to reduce burn injuries, especially for children.
- The improved stove efficiency significantly reduces wood fuel consumption, meaning that considerably less time is required to collect wood fuel. This reduces the work burden on rural families and allows for alternative opportunities for economic development.
- The adoption of more efficient stoves can significantly reduce indoor air pollution and respiratory and health problems associated with smoke emission from biomass stoves.
- In areas where wood fuel is purchased, stove use can reduce household expenditure on cooking fuel.

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 (%)
Improved Cook Stove Project 1, Nkhata Bay District, Malawi	CER	United Nations Carbon Offset Platform	29 NOVEMBER 2022	MW-5-339464-2-2-0-9933 to MW-5-339500-2-2-0-9933¹	2015/2016	n/a	36	0	0	37	100
Total offsets retired this report and used in this report										37	
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)		37				100					

¹ The serial number associated with these units has been divided into two distinct segments. One segment corresponds to the units utilised for our Climate Active carbon neutral claim. The other segment is assigned to the units surrendered to mitigate the potential risk of a shortfall, ensuring that we maintain our commitment to sustainable practices even in the face of unexpected fluctuations or contingencies. Detailed information pertaining to this allocation and the specific numbers of units can be found in Appendix A of this document.

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

Not applicable.

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

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
Improved Cook Stove Project 1, Nkhata Bay District, Malawi	CER	United Nations Carbon Offset Platform	29 NOVEMBER 2022	MW-5-339501-2-2-0-9933 to MW-5-339505-2-2-0-9933	2015/2016	5	To minimize the risk of shortfall and underpin our commitment to carbon neutrality.

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.

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kg CO ₂ -e)
Powershop	1,369.85	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
Cleaning and chemicals	No	Yes	No	No
Refrigerants	No	Yes	No	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.

Although air transport, accommodation and facilities, food, Postage, courier and freight are deemed relevant emissions under the small organisation certification, we did not use these and, as such, have not included these emission sources in the PDS or carbon inventory.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Purchased goods and services – postage, courier and freight, food, accommodation and facilities	No	No	No	No	No	No



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