

PUBLIC DISCLOSURE STATEMENT

KIEWA VALLEY SPRING WATER

ORGANISATION CERTIFICATION FY2021–22

Australian Government

Climate Active Public Disclosure Statement







NAME OF CERTIFIED ENTITY	Kiewa Valley Spring Water
REPORTING PERIOD	Financial year 1 July 2021 – 30 June 2022 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. Shaun Rava
	Shaun Rava Director 31 October 2022



Australian Government

Department of Climate Change, Energy, the Environment and Water

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Version March 2022.



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	144 tCO ₂ -e
OFFSETS BOUGHT	100% VERS
RENEWABLE ELECTRICITY	19% Renewable energy
TECHNICAL ASSESSMENT	Not applicable

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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 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 Australian business operations of "Australia's Best Spring Water Pty Ltd', trading as Kiewa Valley Spring Water, ABN 23 082 427 094.

Organisation description

Kiewa Valley Spring Water is small family owned and operated business that has been providing customers with fresh spring water in the region for over 20 years. Water is sourced from Big Springs Riverina.

Kiewa Valley Spring Water delivers fresh natural spring water to clients throughout Albury/Wodonga and Northeast Victorian region.

This inventory covers the businesses office and facilities at 9 Hempel Street, Wodonga Victoria 3689.

"Kiewa Valley Spring Water is a locally owned family business. Our company is founded on the morals and lessons taught to us when we were children. We are passionate about protecting the environment for future generations and we are committed to looking after the environment for our loyal customers."



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.





Outside emission boundary

Products sold Accommodation Air Transport

Refrigerants

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

Although Kiewa Valley Spring Water is a growing business, Kiewa Valley Spring Water commits to reducing emissions across its value chain (scope 1, 2 and 3) by at least 15% by 2025, and 30% by 2030. Kiewa Valley Spring Water 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 2020 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	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 100% renewable electricity provider	2&3	In Progress	30 June 2023	6.195
Fuel	Route planning to reduce fuel, est 10% diesel saving	1&3	In progress	2024	3.249
Waste	Investigate improving recycling to reduce waste to landfill	3	Planned	2024	TBA
Fuel	Investigate and plan transition to hybrid or electric vehicles	1&3	Planned	2027-2030	n/a
Gas	Investigate Electric Forklift v Gas Forklift	1&3	Planned	2027	0.847

Emissions reduction actions

The following actions have been completed.

Emission Source	Emission reduction measure	Scope	Status	Year Done	Reduction t CO2-e pa
Paper	Purchase of certified carbon neutral paper	3	Complete	FY 2021	n/a
All	Set emission reduction targets	All	Complete	FY 2022	n/a



5.EMISSIONS SUMMARY

Emissions over time

Emissions sin	nce base year	
		Total tCO ₂ -e
Base year:	2020-2021	126
Year 1:	2021-2022	144

Significant changes in emissions

The following emission sources have been noted as having a significant change during this reporting period.

Emission source	Previous per Activity Data	Total Emissions (kg CO ₂ - e)	This report	Total Emissions (kg CO ₂ - e)	% change	% contribution to inventory	Reason for change	Detailed reason for change
Diesel fuel	28.9229	82626.45	32.4970	92837.12	12%	68%	Organic growth	n/a

Use of Climate Active carbon neutral products and services

Kiewa Valley Spring Water currently uses the following certified carbon neutral products

Opal - Reflex Carbon neutral paper	Certified brand name	Product or Service used
	Opal - Reflex	Carbon neutral paper



Organisation emissions summary

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

Emissions Source	Total tonnes
Accommodation and facilities	0.000
	0.000
Cleaning and Chemicals	0.206
Construction Materials and Services	0.469
Electricity	6.195
Horticulture and Agriculture	0.094
ICT services and equipment	3.100
Machinery and vehicles	7.843
Office equipment & supplies	0.886
Postage, courier and freight	0.217
Products	0.232
Professional Services	9.367
Transport (Land and Sea)	103.432
Waste	4.768
Water	0.155
Grand Total	136.964

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						
Compulsory additional 5% of the total to be added for small organisations	6.848					
Total of all uplift factors						
Total footprint to offset (total net emissions from summary table + total uplifts)	143.812					



6.CARBON OFFSETS

Offsets retirement approach

In a	arrears	
1.	Total number of eligible offsets banked from last year's report	0 tonnes
2.	Total emissions footprint to offset for this report	144 tonnes
3.	Total eligible offsets required for this report	144 tonnes
4.	Total eligible offsets purchased and retired for this report	144 tonnes
5.	Total eligible offsets banked to use toward next year's report	0 tonnes

Co-benefits

The micro-scale VPA "Native Energy Clean Water Program Central America: VPA (03) Haiti" aims to reduce wood fuel consumption used for domestic/non-residential water treatment by introducing zero energy clean water filter technology to replace the use of boiling. The CME to the project activity is Native Energy, an American social enterprise that manufactures and distributes the clean water in an effort to provide households in the developing world with convenient and affordable access to safe drinking water. This micro-scale VPA shall apply the Gold Standard methodology "Technologies and Practices to Displace Decentralized Thermal Energy Consumption", and therefore shall incorporate any project technologies or activities that displace thermal energy consumption in existing baseline practices. The PoA seeks to abate GHG emissions associated with the consumption of biomass for wood fuel traditionally used to boil drinking water.

CERTIFIED SDG





PROJECT TYPE



Energy Efficiency -Domestic STATUS



Gold Standard Certified Project



Eligible offsets retirement summary

Offsets cancelled for Climate Active Carbon Neutral Certification										
Project descriptionType of offset unitsRegistry etiredDate retiredSerial number (and hyperlink to registry transaction record)VintageStapled quantityEligible quantity used for previous reporting periodsEligibleEligible quantity used for previous reporting periodsEligibleEligible quantity quantity reporting periodsEligibleEligible quantity quantity quantity quantity quantity reporting periods								Eligible quantity used for this reporting period	Percentage of total (%)	
GS1290: Native Clean Water Central AmericaVERsGold27 OctoberGS1-1-HT-GS5796-16-201701440VPA (03) Haiti. Project ID GS5796EEEEEEEEEE								0	144	100%
Total offsets retired this report and us								ed in this report	144	
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
Verified Emissions Reductions (VERs)	144	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

N/A



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 (kgCO2e)	Renewabl e Percentag e 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)	1,422	0	19%
Residual Electricity	6,226	6,195	0%
Total grid electricity	7,648	6,195	19%
Total Electricity Consumed (grid + non grid)	7,648	6,195	19%
Electricity renewables	1,422	0	
Residual Electricity	6,226	6,195	
Exported on-site generated electricity	0	0	
Emissions (kgCO2e)		6,195	
		_	
Total renewables (grid and non-grid)	18.59%		
Mandatory	18.59%		
Voluntary			

	0.00%
Behind the meter	0.00%
Residual Electricity Emission Footprint (TCO2e)	6
Firmer and the terms that the second bar	- h h

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 Emission s
		,	(kgCO2e)
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	7,648	6,959	765
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	7,648	6,959	765
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	7,648	6,959	765
		_	
Emission Footprint (TCO2e)	8		
Scope 2 Emissions (TCO2e)	7		
Scope 3 Emissions (TCO2e)	1		
Carbon Neutral electricity offset by Climate Active Product	Activity Data	Emissions	
Enter product name/s here	0	(kgCO28) 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. They have been non-quantified due to <u>one</u> of the following reasons:

- 1. Immaterial <1% for individual items and no more than 5% collectively
- 2. <u>Cost effective</u> Quantification is not cost effective relative to the size of the emission but uplift applied.
- 3. <u>Data unavailable</u> 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. <u>Size</u> The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions
- Influence The responsible entity has the potential to influence the reduction of emissions from a particular source.
- 3. <u>**Risk**</u> The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
- 4. **<u>Stakeholders</u>** Key stakeholders deem the emissions from a particular source are relevant.
- <u>Outsourcing</u> 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?
Products sold	Yes	No	No	No	No	No
Accommodation	No	No	No	No	No	No
Air Transport	No	No	No	No	No	No
Refrigerants	No	No	No	No	No	No





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