



PUBLIC DISCLOSURE STATEMENT

**BIG SPRINGS RIVERINA AND BIG SPRINGS
WATER**

**ORGANISATION CERTIFICATION
FY2021–22**

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Big Springs Riverina and Big Springs Water
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>Angus Wilson</i></p>
	<p>Angus Wilson Director 31 October 2022 Updated 28 January 2025</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	618 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 Trustee for Angus Wilson Family Trust & the Trustee for Pat Wilson Family Trust” trading as Big Springs Riverina, also known as Big Springs Water. ABN 16 449 525 084.

Organisation description

Big Springs Riverina bottles and delivers natural spring water to clients throughout NSW, ACT and Victoria.

Our local drivers provide a free delivery service through our network of delivery areas. Shipping is also available Australia-wide for our purchase-outright products. Famous for our fresh, natural spring water, we provide bottled water, filter systems and bubblers for your hydration needs. Sourced from a single spring in regional NSW, Big Springs Water brings the highest quality, refreshing spring water to you.

The following offices and core assets are owned or operated by Big Springs and are included in this carbon inventory:

- 1-3 Hovel Street Wagga Wagga NSW – main office
- 36 Collier Street Griffith NSW
- 10 Royal St Parkes NSW – storage warehouse
- 21 Endurance Ave Queanbeyan ACT – storage warehouse

“Being carbon neutral is core to our sustainability beliefs and helps our customers make a conscious decision in choosing our products. If we, as a small family business can become carbon neutral, others can 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

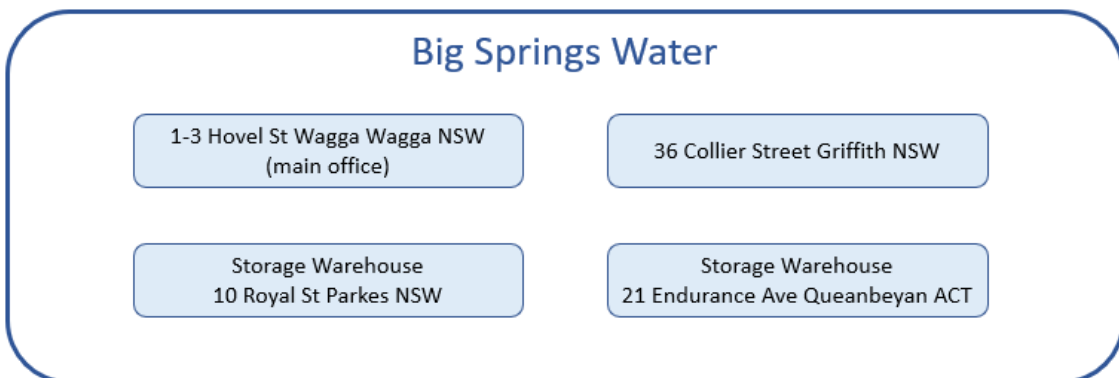
All emission sources listed in the emissions boundary are part of the carbon neutral claim.

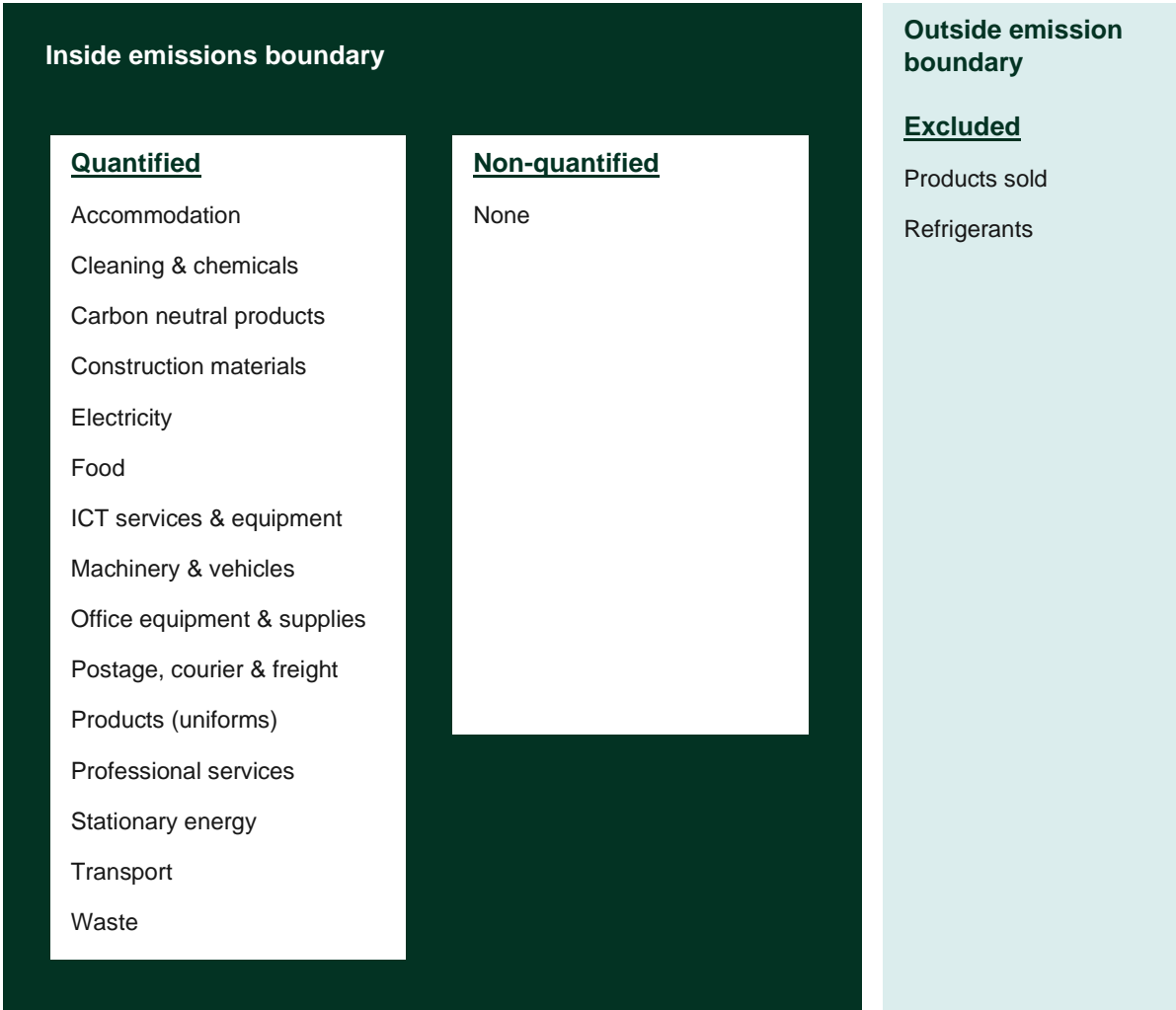
Quantified emissions have been assessed as relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

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 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.





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 Big Springs Water is a growing business, Big Springs Water commits to reducing emissions across its value chain (scope 1, 2 and 3) by at least 15% by 2025, and 30% by 2030. Big Springs 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 CO ₂ -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 a 100% renewable electricity provider	2 & 3	In Progress	30 June 2023	0.289
Energy	Purchase carbon neutral gas for sites with gas supply	2 & 3	In progress	30 June 2023	15.8023
Paper	Reduce printing and purchase certified carbon neutral paper	3	In progress	30 June 2023	0.2538
Waste	Investigate and improve plastic recycling to reduce waste to landfill (est 20% reduction)	3	Planned	2025	13.5120
Fuel	Investigate and plan transition to hybrid or electric vehicles	1 & 3	Planned	2025-2030	n/a
Energy	Investigate feasible options to remove gas from sites	1 & 3	Planned	2026	n/a
Energy	Transition LPG forklift to electric	1 & 3	In progress	2027	8.9568

Emissions reduction actions

The following actions have been completed.

Emission Source	Emission reduction measure	Scope	Status	Year Done	Reduction t CO ₂ -e pa
Fuel	Reduced delivery runs from weekly to monthly and route planning deliveries	1 & 3	Complete	FY 2022	273.3984
All	Set emission reduction targets	All	Complete	FY 2022	N/A
Energy	Installed Solar PV on two sites	2 & 3	Complete	Pre 2021	N/A

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base year:	2020-2021	600
Year 1:	2021-2022	618

Significant changes in emissions

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

Emission source	Previous reporting period		This reporting period		% change	% contribution to inventory	Reason for change	Detailed reason for change
	Activity Data	Total Emissions (kg CO ₂ -e)	Activity Data	Total Emissions (kg CO ₂ -e)				
Removed diesel oil significant difference	This was due to data error. See Appendix A for details.							
Electricity	27904	27904	0.289	0.289	-99%	0%	Additional data obtained	Includes behind the meter solar
Motor vehicle repairs	70532.23	13841.418	85312.12	15307.77	21%	5%	organic growth	
Gas	199.2086	13054.139	236.1464	15474.64	19%	5%	organic growth	
Waste - Landfill	9.05	9050.0	16.09	16090	87%	9%	other (please explain)	Recycling service removed forcing additional waste to landfill.

Use of Climate Active carbon neutral products and services

Big springs water has purchased Climate Active Carbon Neutral Paper for this period.

Certified brand name	Product or Service used
Opal	Carbon Neutral Paper (15 reams)

Organisation emissions summary

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

Emissions Source	Total Emissions (t CO ₂ -e)
Accommodation and facilities	7.1630
Cleaning and Chemicals	1.1703
Climate Active Carbon Neutral Products & Services	0.0000
Construction Materials and Services	2.0863
Electricity	34.0530
Food	4.5482
Horticulture and Agriculture	0.2283
ICT services and equipment	12.9011
Machinery and vehicles	19.0316
Office equipment and supplies	4.0887
Postage, courier and freight	1.5248
Products	0.5180
Professional Services	16.0228
Stationary Energy (gaseous fuels)	15.4747
Transport (Land and Sea)	439.7582
Waste	27.0240
Water	2.8018
Grand Total	588.3948

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	29.420
Total of all uplift factors	
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	617.815

6. CARBON OFFSETS

Offsets retirement approach

In arrears	
1. Total number of eligible offsets banked from last year's report	0 tonnes
2. Total emissions footprint to offset for this report	618 tonnes
3. Total eligible offsets required for this report	618 tonnes
4. Total eligible offsets purchased and retired for this report	1987 tonnes
5. Total eligible offsets banked to use toward next year's report	1369 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 IMPACTS



PROJECT TYPE



Energy Efficiency - Domestic

STATUS



Gold Standard Certified Project

We are delighted to confirm the retirement of
1684 Verified Emission Reductions (VERs)
 by
Swiss Carbon Assets Ltd.
 on 21/01/2025

These credits were retired on behalf of Big Springs Water.

Retired on behalf of Big Springs Water to support its carbon neutral claim against the Climate Active Carbon Neutral Standard.

Project: Nam Pha Gnai Hydropower Project

*These credits have been retired, saving **1684** tonnes of CO2 emissions from being released into the atmosphere.
 Thank you for investing in a safer climate and more sustainable world.*

[View retirement](#)

Gold Standard

Retirement certificates are hosted on the Gold Standard Impact Registry. [view your certificate.](#)

Gold Standard | Chemin de Balexert 7-9 1219 Châtelineau, International Environment House 2, Switzerland | goldstandard.org. +41 22 788 70 80, help@goldstandard.org

CERTIFIED SDG IMPACTS



PROJECT TYPE



Small, Low -
Impact Hydro

STATUS



Gold Standard
Certified Project

PROJECT ATTRIBUTES



DESCRIPTION

Nam Pha Gnai Hydropower Project is located on the Nam Pha Gnai River, Vientiane Province, Lao PDR, developed by Nam Pha Gnai Hydropower Project Co., Ltd. The project is a run-of-the-river hydropower station. The installed capacity is 19.2MW (7.4MW+7.4MW+4.4MW), with annually 130GWh power supplied to the power grid.

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 (%)
GS1290: Native Clean Water Central America VPA (03) Haiti. Project ID GS5796	VERs	Gold Standard	27 Oct 2022	GS1-1-HT-GS5796-16-2017-18851-5134-5436	2017	0	303	0	0	303	49%
Nam Pha Gnai Hydropower Project	VERs	Gold Standard	21 Jan 2025	GS1-1-LA-GS3514-14-2021-26948-60265-61948	2021	0	1684	0	1369	315	51%
Total offsets retired this report and used in this report										618	100%
Total offsets retired this report and banked for future reports									1369		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Verified Emissions Reductions (VERs)	618	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

Big Springs Water have planted over 20,000 native trees across two plantations on the property and 80% of our production requirements are acquired through solar. We aim to be 100% renewable by 2023-24.

In addition to these initiatives, the core function that makes us unique to large shirk-wrapped single-use water bottle manufactures, is that our water bottles are returnable and re-usable. Our business is based on a returnable model where we eliminate the need for single use plastic water bottles. We believe our model should be the direction taken in Australia. Our closed loop approach continues to grow and has led to our success as a small business in regional NSW.

Reporting Correction – January 2025

This report has been updated from the original report issued due to the identification of a significant data error in the fuel data (incorrect fuel data reports provided by fuel provider). The FY22 inventory has been corrected, and additional offsets purchased and retired to cover the difference.

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	41,683	0	41%
Total non-grid electricity	41,683	0	41%
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)	11,212	0	11%
Residual Electricity	49,098	48,851	0%
Total grid electricity	60,310	48,851	11%
Total Electricity Consumed (grid + non grid)	101,993	48,851	52%
Electricity renewables	52,895	0	
Residual Electricity	49,098	48,851	
Exported on-site generated electricity	20,272	-14,799	
Emissions (kgCO ₂ e)		34,053	
Total renewables (grid and non-grid)	51.86%		
Mandatory	10.99%		
Voluntary	0.00%		
Behind the meter	40.87%		
Residual Electricity Emission Footprint (TCO₂e)	34		

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 (kgCO ₂ e)	Scope 3 Emissions (kgCO ₂ e)
ACT	0	0	0
NSW	60,310	47,042	4,222
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)	60,310	47,042	4,222
ACT	0	0	0
NSW	41,683	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)	41,683	0	0
Total Electricity Consumed	101,993	47,042	4,222
Emission Footprint (TCO₂e)	51		
<i>Scope 2 Emissions (TCO₂e)</i>	47		
<i>Scope 3 Emissions (TCO₂e)</i>	4		
Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO₂e)	
N/A	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. 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?
Products sold	No	No	No	Yes	No	No
Refrigerants	No	No	No	No	No	No

Products sold have been excluded based on the relevance test as emissions from manufacture of these products are outside of the organisations operational control.

Although refrigerants are a relevant emission under the small organisation certification, we have not used this source, so it has been excluded.



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