

# PUBLIC DISCLOSURE STATEMENT

**R&J BATTERIES PTY LTD** 

ORGANISATION

FY2022–23

Australian Government

# Climate Active Public Disclosure Statement





An Australian Government Initiative



NAME OF CERTIFIED ENTITY	R&J Batteries Pty Ltd
REPORTING PERIOD	1 July 2022 – 30 June 2023
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.
	Stuart Hamilton Chief Executive Officer 30 June 2024



### Australian Government

Department of Climate Change, Energy, the Environment and Water

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Version August 2023.



# 1.CERTIFICATION SUMMARY

TOTAL EMISSIONS	5026.54 tCO <sub>2</sub> -e
CARBON OFFSETS USED	20% ACCU's, 80% VCU's
RENEWABLE ELECTRICITY	34.83%
CARBON ACCOUNT	Prepared by: Colin Trinder, Ground Zero Environmental Pty Ltd
TECHNICAL ASSESSMENT	12/08/2024 Colin Trinder, Ground Zero Environmental Pty Ltd Next technical assessment due: FY 2027 report
THIRD PARTY VALIDATION	Type 1 8 August 2024 RSM Australia Pty Ltd

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# 2. CERTIFICATION INFORMATION

# Description of organisation certification

This organisation certification is for the business operations of R&J Batteries Pty Ltd, ABN 71 151 273 675, and including the subsidiaries listed in the table below.

R & J Batteries (NSW) Pty Ltd	ABN 30 150 273 082
R & J Batteries (Qld) Pty Ltd	ABN 39 130 594 679

This Public Disclosure Statement includes information for FY2022-23 reporting period.

# Organisation description

R&J Batteries Pty Ltd (R&J Batteries) is a battery, automotive and solar electrical goods retailing company. The company has been operating since 1995. Since its establishment the company has grown to operate 27 stores across Australia and New Zealand and has commercial links with over 8,000 product stockists and distributors.

R&J Batteries is headquartered in Victoria and has branches in every state and territory across Australia. The company employs ~184 full time equivalent staff.

The company's products include batteries for automotive, commercial, motorcycle, marine, solar and industrial use as well as lubricants and battery and solar accessories. It is understood that these are sourced from both Australian and overseas manufacturers and distributors. The associated, embodied emissions of the products distributed by R&J Batteries have not been included in the emissions boundary covered by this certification.

In 2022/23 the company sold over 775,000 lead acid and 2,500 lithium batteries making R&J Batteries a major participant in this sector of the battery retail market in Australia.

The operational control approach has been adopted to define the organisational emissions boundary for this certification. Consequently, all of the operations over which R&J Batteries has the full authority to introduce and implement its control are included in this certification and accord with the Climate Active guidance.

The stores operating under the R&J Batteries name in New Zealand are owned and operated by a separate registered company in New Zealand and have not been included in the emissions boundary covered by this certification. However, some elements of postage, freight and courier services (e.g. stock shipped by R&J Batteries Pty Ltd to the New Zealand stores), and business air travel by R&J Batteries staff to and from New Zealand have been included in the scope of this certification.



The following subsidiaries are also included within this certification:

Legal entity name	ABN	ACN		
R & J Batteries (NSW) Pty Ltd	30 150 273 082	150 273 082		
R & J Batteries (Qld) Pty Ltd	39 130 594 679	130 594 679		

# **5.EMISSIONS BOUNDARY**

# 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.

**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

"AdBlue" diesel exhaust fluid has been excluded from the emissions boundary. The volume of 'AdBlue' diesel exhaust fluid used in R&J Batteries fleet of diesel-powered vehicles is not considered relevant to the overall carbon inventory (substantially less than 1% of the total). 'Ad Blue' is a urea product that is used to reduce diesel fuel emissions arising from nitrogen oxides. It's contribution to GHG emissions is measured at the tailpipe of diesel-powered vehicles in the emission factors for diesel fuel consumption. Assessment of the Scope 3 emissions arising from the production of the urea that 'AdBlue' contains shows the contribution to R&J Batteries emission inventory is not significant, is not classified as fuel, stationary energy or electricity and so has therefore been excluded from the inventory.



### Inside emissions boundary **Quantified** Non-quantified N/A Accommodation • • Cleaning and chemicals • Electricity • Office equipment and supplies Postage, courier and • freight Refrigerants • Stationary energy and • fuels Transport (air) • Transport (land and sea) • Waste • Water • Optionally included N/A

### Outside emission boundary

# Excluded

"AdBlue" Diesel Exhaust Fluid

# RJ Batteries Pty Ltd



# 6. EMISSIONS REDUCTIONS

# **Emissions reduction strategy**

### Overall

FY 2023/24 will likely be challenging to implement significant reductions in R&J Batteries carbon inventory, this being the first year of certification over the FY 2022/23 base year. However, the following areas have been identified where initiatives in emission reductions can be implemented over the next 2 years with more ambitious targets being put in place once the first full year of Climate Active certification has been achieved.

### Electricity

Expand the adoption of 'Green' electricity across stores Australia-wide aiming for 37% of electricity procured in FY 2023/24 either being sourced from 'Green' providers or via adoption of rooftop solar photovoltaic systems which will continue to be deployed on owned and leased properties alike where this is able to be done.

### Transport (Land and Sea)

Transport fuel use and freight make up a significant proportion of R&J Batteries Carbon inventory. Our major product lines are various types of batteries which tend to be individually heavy and consequently the business requires larger and heavier vehicles to move stock around. The vehicle fleet used for this purpose tends to be diesel-fuelled utes and vans. By the end of FY 2023/24 we will complete a review of our fleet vehicle requirements and begin transitioning to lower emission vehicles in FY2024/25 with the aim to achieve a 3% reduction in diesel fuel use by June 2025.

### Waste

Waste audits will be conducted across our stores in FY 2023/24 to identify efficiencies in recycling and waste management to reduce emissions arising from waste to landfill by 2% by FY 2024/25.

### Refrigerants

In FY2023/24 a full review of air conditioning plant and equipment will be undertaken to provide more accurate data on efficiency and refrigerant leakage rates to identify poorly performing units and guide procurement of more efficient, lower emission units at the end of life of existing plant. The aim would be to reduce emissions arising from AC plant and equipment by 3% by FY 2024/25.

### Office equipment & supplies

R&J Batteries will continue to purchase certified carbon neutral office paper for use in our stores Australia wide. As opportunities arise to identify and procure other commonly used product lines that are carbon neutral these will be preferenced over other products where they represent value for money.

### Offsets

Where emissions cannot be eliminated or reduced R&J Batteries will offset residual emissions with verified carbon offsets to continue to achieve certification from Climate Active.



# 7. EMISSIONS SUMMARY

# **Emissions over time**

This is R&J Batteries initial year of certification and the base year and first year of certification are the same.

# Use of Climate Active carbon neutral products, services, buildings or precincts

R&J Batteries has not used any products, services, buildings that have been certified under the Climate Active program.

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

Emission category	Scope 1 emissions (tCO <sub>2</sub> -e)	Scope 2 emissions (tCO <sub>2</sub> -e)	Scope 3 emissions (tCO <sub>2</sub> -e)	Total emissions (t CO <sub>2</sub> -e)
Accommodation and facilities	0.00	0.00	20.40	20.40
Cleaning and Chemicals	0.00	0.00	40.61	40.61
Electricity	0.00	309.88	41.01	350.90
Office equipment & supplies	0.00	0.00	6.80	6.80
Postage, courier and freight	0.00	0.00	2116.96	2116.96
Refrigerants	24.87	0.00	0.00	24.87
Stationary Energy (liquid fuels)	0.00	0.00	0.00	0.00
Transport (Air)	0.00	0.00	224.77	224.77
Transport (Land and Sea)	1037.43	0.00	573.40	1610.84
Waste	0.00	0.00	627.16	627.16
Water	0.00	0.00	3.22	3.22
Total emissions (tCO <sub>2</sub> -e)	1062.31	309.88	3654.34	5026.54

# **Uplift factors**

N/A



# 8. CARBON OFFSETS

# Eligible offsets retirement summary

This is report refers to R&J Batteries' base year. The following offsets have been procured for reporting against the certification for FY2022-23.

Hyperlink details of the offset retirements have been provided below and further details of the projects, offsets and retirement certificate details are included in Appendix A.

### Offsets retired for Climate Active certification

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total		
Australian Carbon Credit Units (ACCUs)	967	19.24%		
Verified Carbon Units (VCUs)	4060	80.76%		



Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity retired (tCO <sub>2</sub> -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 (%)
ERF121336 Blinky Forest Carbon Project	ACCU	ANREU	3/10/2024	8324367015 – 8324368014	2021	-	1000	0	33	967	19.24%
VCS1122 April Salumei Rainforest Community Conservation Project	VCU	VERRA	3/10/2024	<u>15851-721988462-</u> 721992561-VCS-VCU-352- <u>VER-PG-14-1122-</u> 01012016-31122016-0	2016		4100	0	40	4060	80.76%
Total eligible offsets retired and us								ed for this report	5027		
Total eligible offsets retired this report and banked for use in future reports								73			



# 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A



# APPENDIX A: ADDITIONAL INFORMATION



CERTIFICATE NO. **BH-RJBA-2022-23** R&J BATTERIES

# TEM RETIREMENT REPORT

These units were cancelled on behalf of R&J Batteries Pty Ltd to support its carbon neutral claim against the Climate Active Carbon Neutral Standard 2022/23.



REF NO.	PROJECT NAME	SERIAL NO.			COUNTRY	PROJECT ID	TYPE	VINTAGE	DATE	UNITS
1	BL nky Forest HIR	Sh	8324367015	8324368014	Australia	FRF121336	Regen	2021	03/10/2024	1,000
2	April Salumei V16	15851 VCS VCL 352 VER PG 14 1122 01012016 31122016-0	721988462	721992561	Papua New Guinea	VCS1122	REDD	2016	03/10/2024	4,100
		1							TOTAL	5,100





# EXTRAORDENARY EMPACT OFFSET PROJECT CATEGORY OVERVIEW

Located in New South Wales and Queensland, these carbon farming projects work with landholders to regenerate and protect native vegetation. The projects help improve marginal land, reduce salinity and erosion and provide income to farmers. Widespread land clearing has significantly impacted local ecosystems. This degradation and loss of plant species threatens the food and habitat on which other native species rely. Clearing allows weeds and invasive animals to spread and affects greenhouse gas emissions.

The project areas can harbour a number of indigenous plant species which provide important habitat and nutrients for native wildlife. By erecting fencing and actively managing invasive species, these projects avoid emissions caused by clearing and achieve key environmental and biodiversity benefits.







blue halo

### EXTRAORDINARY IMPACT

## OFFSET PROJECT CATEGORY OVERVIEW

Deep within the East Sepik Province of Papua New Guinea is TEM's April Salumei REDD Project. A combined area of 603,712 h.a. the landscape is defined by forested land on mineral soils. The project area is briving with both traditional culture and extraordinary levels of biodiversity.

Located within a Forest Management Area designated for timber production by the Papua New Guinean Forest Authority, the project area was facing a very material threat. The carbon finance attracted through verified carbon unit revenues offers indigenous landowners a form of income based on the carbon storage and ecosystem services provided by the forest, rather than through the short-term royalties that flow from logging concessions. Conserving the forest and its carbon stocks avoids significant volumes of carbon emissions.

Our project aims to improve the overall wellbeing of local communities, support sustainable agricultural development, provide access to employment, healthcare, education, and infrastructure, all while preserving the rich cultural traditions and customs of the Indigenous owners.

The projects meet the following Sustainable Development Goals





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# APPENDIX B: ELECTRICITY SUMMARY

There are two international best-practice methods for calculating electricity emissions – the location-based method and the market-based method. Reporting electricity emissions under both methods is called dual reporting.

Dual reporting of electricity emissions is useful, as it provides different perspectives of the emissions associated with a business's electricity usage.

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.

For this certification, electricity emissions have been set by using market-based approach.



Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kg CO2-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)	0	0	0%
GreenPower	80,112	0	14%
Climate Active precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	0	0	0%
Precinct/Buildingjurisdictional renewables (LGCs surrendered)	0	0	0%
Electricity products (voluntary renewables)	0	0	0%
Electricity products (LRET)	0	0	0%
Electricity products jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LGCs surrendered)	10,299	0	2%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	2,612	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	103,391	0	18%
Residual Electricity	367,433	350,898	0%
Total renewable electricity (grid + non grid)	196,414	0	35%
Total grid electricity	563,847	350,898	35%
Total electricity (grid + non grid)	563,847	350,898	35%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	367,433	350,898	
Scope 2	324,486	309,884	
Scope 3 (includes T&D emissions from consumption under operational control)	42,947	41,014	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	34.83%
Mandatory	18.80%
Voluntary	16.03%
Behind the meter	0.00%
Residual scope 2 emissions (t CO2-e)	309.88
Residual scope 3 emissions (t CO2-e)	41.01
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	309.88
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	41.01
Total emissions liability (t CO2-e)	350.90
Figures may not sum due to rounding. Renewable percentage can be above 100%	



Location Based Approach Summary									
Location Based Approach	Activity Data (kWh) total	Unde	er operational	Not under operational control					
Percentage of grid electricity consumption under operational control	100%	(kWh)	Scope 2 Emissions (kg CO2-e)	Scope 3 Emissions (kg CO2-e)	(kWh)	Scope 3 Emissions (kg CO2- e)			
ACT	13,893	13,893	10,142	834	0	0			
NSW	65,864	65,864	48,080	3,952	0	0			
SA	15,200	15,200	3,800	1,216	0	0			
VIC	206,200	206,200	175,270	14,434	0	0			
QLD	169,386	169,386	123,652	25,408	0	0			
NT	41,150	41,150	22,221	2,880	0	0			
WA	15,199	15,199	7,751	608	0	0			
TAS Grid electricity (scope 2 and 3)	36,955 <b>563,847</b>	36,955 <b>563,847</b>	6,282 <b>397,199</b>	370 <b>49,701</b>	0 <b>0</b>	0			
ACT	0	0	0	0					
NSW	0	0	0	0					
SA	0	0	0	0					
VIC	0	0	0	0					
QLD	0	0	0	0					
NT	0	0	0	0					
WA	0	0	0	0					
TAS	0	0	0	0					
Non-grid electricity (behind the meter)	0	0	0	0					
Total electricity (grid + non grid)	563,847								

Residual scope 2 emissions (t CO2-e)	397.20
Residual scope 3 emissions (t CO2-e)	49.70
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	397.20
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	49.70
Total emissions liability (t CO2-e)	446.90



# APPENDIX C: INSIDE EMISSIONS BOUNDARY

The following emissions sources 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. 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	Justification reason
N/A	

# Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.



# APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

# **Excluded emission sources**

The below emission sources have been assessed as not relevant to this organisation'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.
- 2. <u>Influence</u> 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.
- 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.



# Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
ʻAdBlue' Diesel Exhaust Fluid	x	x	x	x	x	The volume of 'AdBlue' diesel exhaust fluid used in R&J Batteries fleet of diesel-powered vehicles is not considered relevant to the overall carbon inventory (substantially less than 1% of the total). It has been recorded as an excluded emission source in this Public Disclosure Statement (PDS). 'Ad Blue' is a urea product that is used to reduce diesel fuel emissions arising from nitrogen oxides. It's contribution to GHG emissions is measured at the tailpipe of diesel-powered vehicles in the emission factors for diesel fuel consumption. Assessment of the Scope 3 emissions arising from the production of the urea that AdBlue contains shows the contribution to R&J Batteries emission inventory is not significant, is not classified as fuel, stationary energy or electricity and so has therefore been excluded from the inventory.





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