



PUBLIC DISCLOSURE STATEMENT

ARK RESOURCES PTY LTD

ORGANISATION CERTIFICATION

FY2023–24


Australian Government

Climate Active Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Ark Resources Pty Ltd
REPORTING PERIOD	1 July 2023 – 30 June 2024 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>Jan Talacko Director 06/11/2024</p>



Australian Government

Department of Climate Change, Energy,
the Environment and Water

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Version 9.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	27 tCO ₂ -e
CARBON OFFSETS USED	100% ACCUs
RENEWABLE ELECTRICITY	Total renewables 46.14%
CARBON ACCOUNT	Prepared by: Ark Resources

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2.CERTIFICATION INFORMATION

Description of organisation certification

This organisation certification is for the business operations of Ark Resources Pty Ltd, ABN 29 086 4613 69.

This Public Disclosure Statement includes information for FY2023-24 reporting period.

Organisation description

Ark Resources (ABN 29 086 4613 69) is a highly experienced team of professionals with a focus on demystifying and championing Environmentally Sustainable Design (ESD). We do this through education, regulatory know-how, innovative approaches and cost-effective solutions.

The organisation boundary has been defined using the operational control approach.

Our office is located at Suite 6 and Suite 8, 10 Northumberland Street South Melbourne, Victoria. From April 2024, one staff member works from a co-working space at 241 Commonwealth Street Surry Hills, NSW.

3.EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation 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. 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 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

Quantified

- Accommodation
- Carbon neutral products and services
- Cleaning and chemicals
- Electricity
- Food
- ICT services and equipment
- Office equipment and supplies
- Postage, courier and freight
- Professional services
- Refrigerants
- Stationary energy and fuels
- Staff commute
- Transport (air)
- Transport (land and sea)
- Waste
- Water
- Working from home

Non-quantified

N/A

Outside emission boundary

Excluded

N/A

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

Ark Resources commits to reducing all emissions from our operations by 20% by FY 2029-30, from a FY 2019-20 base year.

We also commit to reducing Scope 3 emissions from electricity and all Scope 2 emissions, by 100% by FY2024-25. We will achieve this by purchasing 100% Green Power for all electricity.

We will continue to prioritise purchasing Carbon Neutral products and professional services, where possible.

Emissions reduction actions

- We purchase 100% Green Power electricity for Suite 8, and from September 2024 we purchase 100% Green Power for all electricity.
- We have reduced travel and attended meetings via videoconference where possible.
- We offset business flights at point of purchase.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year			
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)
Base year /Year 1:	2019-20	16.56	17.39
Year 2:	2020-21	8.67	9.10
Year 3:	2021-22	8.72	9.16
Year 4:	2022-23	18.90	19.74
Year 5:	2023-24	25.45	26.74

Significant changes in emissions

Significant changes in emissions			
Emission source	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Reason for change
Electricity	1.20	4.33	We changed electricity supplier in order to purchase 100% GreenPower, however our new provider did not apply our request for 100% GreenPower. This was corrected in August 2024.
Computer and technical services	0.32	3.26	During this period we added several additional software subscriptions, and we required a greater amount of third-party IT support.

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

Certified brand name	Product/Service/Building/Precinct used
Virgin Australia	Fly Carbon Neutral opt-in service

Emissions summary

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

Emission category	Scope 1 emissions (tCO ₂ -e)	Scope 2 emissions (tCO ₂ -e)	Scope 3 emissions (tCO ₂ -e)	Total emissions (t CO ₂ -e)
Accommodation and facilities	0.00	0.00	0.46	0.46
Cleaning and chemicals	0.00	0.00	0.29	0.29
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Construction materials and services	0.00	0.00	1.01	1.01
Electricity	0.00	4.33	0.53	4.86
Food	0.00	0.00	1.45	1.45
Horticulture and agriculture	0.00	0.00	0.00	0.00
ICT services and equipment	0.00	0.00	4.72	4.72
Machinery and vehicles	0.00	0.00	0.00	0.00
Office equipment and supplies	0.00	0.00	1.22	1.22
Postage, courier and freight	0.00	0.00	0.04	0.04
Products	0.00	0.00	0.00	0.00
Professional services	0.00	0.00	2.43	2.43
Refrigerants	0.05	0.00	0.00	0.05
Roads and landscape	0.00	0.00	0.00	0.00
Stationary energy (gaseous fuels)	0.00	0.00	0.00	0.00
Stationary energy (liquid fuels)	0.00	0.00	0.00	0.00
Stationary energy (solid fuels)	0.00	0.00	0.00	0.00
Transport (air)	0.00	0.00	0.87	0.87
Transport (land and sea)	2.15	0.00	3.62	5.77
Waste	0.00	0.00	1.72	1.72
Water	0.00	0.00	0.06	0.06
Working from home	0.00	0.00	0.50	0.50
Total emissions (tCO₂-e)	2.20	4.33	18.93	25.45

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions that cannot 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
25% uplift to estimated water emissions because the water supply is unmetered	0.01
Mandatory 5% uplift for small organisations	1.28
Total of all uplift factors (tCO ₂ -e)	1.29
Total emissions footprint to offset (tCO₂-e) <i>(total emissions from summary table + total of all uplift factors)</i>	26.74

6.CARBON OFFSETS

Eligible offsets retirement summary


Offsets retired for Climate Active certification

Type of offset unit	Quantity used for this reporting period	Percentage of total units used
Australian Carbon Credit Units (ACCU)	27	100%

Project name	Type of offset unit	Registry	Date retired	Serial number	Vintage	Total quantity retired	Quantity used in previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period	Percentage of total used this reporting period
Strathburn Station	ACCU	ANREU	05/11/2024	8,999,275,927 – 8,999,275,956	2023-24	30	0	3	27	100%

Transaction Details

Transaction details appear below.

 Transaction Successfully Approved

Transaction ID AU36923
Current Status Completed (4)
Status Date 05/11/2024 09:50:24 (AEDT)
04/11/2024 22:50:24 (GMT)
Transaction Type Cancellation (4)
Transaction Initiator Gastaldi, Julien Michel Andre
Transaction Approver Robertson, Rory David
Comment

These ACCUs have been cancelled on behalf of Ark Resources Pty Ltd to meet its carbon neutral claim against the Climate Active Carbon Neutral Standard for FY23-24

Transferring Account

Account Number AU-3067
Account Name Strathburn Cape York Carbon Pty Ltd
Account Holder Strathburn Cape York Carbon Pty Ltd

Acquiring Account

Account Number AU-1068
Account Name Australia Voluntary Cancellation Account
Account Holder Commonwealth of Australia

Transaction Blocks

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			EOP100917					2023-24		8,999,275,927 - 8,999,275,956	30

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

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 the **market-based approach**.

Market-based approach summary			
Market-based approach	Activity Data (kWh)	Emissions (kg CO 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)	0	0	0%
GreenPower	2,720	0	27%
Climate Active certified - Precinct/Building (voluntary renewables)	0	0	0%
Climate Active certified - Precinct/Building (LRET)	0	0	0%
Climate Active certified - Precinct/Building jurisdictional renewables (LGCs surrendered)	0	0	0%
Climate Active certified - Electricity products (voluntary renewables)	0	0	0%
Climate Active certified - Electricity products (LRET)	0	0	0%
Climate Active certified - Electricity products jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	1,857	0	19%
Residual electricity	5,343	4,862	0%
Total renewable electricity (grid + non grid)	4,576	0	46%
Total grid electricity	9,919	4,862	46%
Total electricity (grid + non grid)	9,919	4,862	46%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	5,343	4,862	
Scope 2	4,756	4,328	
Scope 3 (includes T&D emissions from consumption under operational control)	587	534	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	46.14%
Mandatory	18.72%
Voluntary	27.42%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	4.33
Residual scope 3 emissions (t CO₂-e)	0.53
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	4.33
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.53
Total emissions liability (t CO₂-e)	4.86

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

Location-based approach summary						
Location-based approach	Activity Data (kWh) total	Under operational control			Not under operational control	
Percentage of grid electricity consumption under operational control	100%	(kWh)	Scope 2 Emissions (kgCO ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)	(kWh)	Scope 3 Emissions (kgCO ₂ -e)
NSW	154	154	105	8	0	0
VIC	9,765	9,765	7,714	684	0	0
Grid electricity (scope 2 and 3)	9,919	9,919	7,819	691	0	0
NSW	0	0	0	0		
VIC	0	0	0	0		
Non-grid electricity (behind the meter)	0	0	0	0		
Total electricity (grid + non grid)	9,919					

Residual scope 2 emissions (t CO₂-e)	7.82
Residual scope 3 emissions (t CO₂-e)	0.69
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	7.82
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.69
Total emissions liability (t CO₂-e)	8.51

Operations in Climate Active buildings and precincts

Operations in Climate Active buildings and precincts	Electricity consumed in Climate Active certified building/precinct (kWh)	Emissions (kg CO ₂ -e)
N/A	0	0
Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their building or precinct certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the building/precinct under the market-based method is outlined as such in the market-based summary table.		

Climate Active carbon neutral electricity products

Climate Active carbon neutral electricity product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO ₂ -e)
N/A	0	0
Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their electricity product certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the electricity product under the market-based method is outlined as such in the market-based summary table.		

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

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 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	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. **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.

Excluded emissions sources summary

N/A



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