



PUBLIC DISCLOSURE STATEMENT

ARK RESOURCES PTY LTD

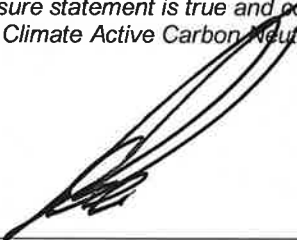
**ORGANISATION CERTIFICATION
FY2022–23**

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Ark Resources Pty Ltd
REPORTING PERIOD	1 July 2022 – 30 June 2023 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> 
	Jan Talacko Director 11 December 2023



Australian Government
**Department of Climate Change, Energy,
the Environment and Water**

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Version March 2023.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	19.74 tCO ₂ -e
OFFSETS USED	100% ACCUs
RENEWABLE ELECTRICITY	Total renewables 85.52%
CARBON ACCOUNT	Prepared by: Ark Resources

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2. CARBON NEUTRAL INFORMATION

Description of certification

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

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 3205.

The following subsidiaries are also included within this certification:

Legal entity name	ABN	ACN
N/A		

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
Cleaning and chemicals
Carbon neutral products and services
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

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 electricity for Suite 6.

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 November 2023 we will purchase 100% Green Power for all electricity.
- We have reduced travel and attended meetings via videoconference where possible.
- We have reduced costs associated with office phone and internet services.
- 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	18.80	19.74

Significant changes in emissions

From this reporting period, small organisations must also include emissions from cleaning & chemicals, food, office equipment & supplies, professional services, postage courier & freight, staff commute, and water. These sources were excluded or non-quantified in previous year's reporting but have been included in this year's report. The inclusion of these emissions adds 10.40 t CO₂-e the previous year, explaining the sudden rise in emissions.

Emission source name	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Detailed reason for change
Petrol / Gasoline post-2004	3.53	2.12	Reduction in company vehicle usage

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

Certified brand name	Product/Service/Building/Precinct used
Virgin Australia	Fly Carbon Neutral flight offsets
Opal Australian Paper	Reflex Carbon Neutral paper

Emissions summary

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

Emission category	Sum of scope 1 (tCO ₂ -e)	Sum of scope 2 (tCO ₂ -e)	Sum of scope 3 (tCO ₂ -e)	Sum of total emissions (t CO ₂ -e)
Accommodation and facilities	0.00	0.00	0.08	0.08
Cleaning and Chemicals	0.00	0.00	0.31	0.31
Climate Active Carbon Neutral Products and Services	0.00	0.00	0.00	0.00
Electricity	0.00	1.20	0.16	1.36
Food	0.00	0.00	1.75	1.75
ICT services and equipment	0.00	0.00	2.51	2.51
Office equipment & supplies	0.00	0.00	0.51	0.51
Postage, courier and freight	0.00	0.00	0.00	0.00
Professional Services	0.00	0.00	2.52	2.52
Refrigerants	0.18	0.00	0.00	0.18
Stationary Energy (gaseous fuels)	0.00	0.00	0.00	0.00
Transport (Air)	0.00	0.00	0.00	0.00
Transport (Land and Sea)	1.69	0.00	5.62	7.31
Waste	0.00	0.00	1.72	1.72
Water	0.00	0.00	0.12	0.12
Working from home	0.00	0.00	0.43	0.43
Total	1.87	1.20	15.73	18.80

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
5% uplift for small organisations	0.94
Total of all uplift factors	0.94
Total emissions footprint to offset <i>(total emissions from summary table + total of all uplift factors)</i>	19.74

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 20 t CO₂-e. The total number of eligible offsets used in this report is 20. Of the total eligible offsets used, zero were previously banked and 20 were newly purchased and retired. None are remaining and none have been banked for future use.

Eligible offsets retirement summary

Offsets retired 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 retired (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 (%)
Strathburn Station strategic and planned burning of savanna areas during the early dry season to reduce the risk of late dry season wild fires. (EOP100917).	ACCU	ANREU	8 December 2023	8,999,249,232 – 8,999,249,251	2023-24	20	20	0	0	20	100 %

Total eligible offsets retired and used for this report 20

Type of offset units

Australian Carbon Credit Units (ACCUs)

Total eligible offsets retired this report and banked for use in future reports 0

Eligible quantity (used for this reporting period) 20

100%

Percentage of total

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A.

APPENDIX A: ADDITIONAL INFORMATION

Transaction ID	ANRE1181		
Current Status	Completed		
Status Date	08/12/2023 09:17:41 (AEST) 08/12/2023 09:17:41 (GMT)		
Transaction Type	Cancellation(4)		
Transaction Initiator	Rozarban, Roby Diana		
Transaction Approver	Masalia, Aileen Marie Arnie		
Comment			
Transferring Account			
Account Number	ANU-1008		
Account Name	Australia Voluntary Carbon Account		
Account Holder	Commonwealth of Australia		
Transaction Blocks			
Party Type	ERF	Transaction Type	Voluntary ALCU Cancellation
Original CP		Current CP	
ERF Project ID	50150091	NGER Facility ID	
NGER Facility Name		Safeguard Project #	
Quantity	20	Vintage	2023-24
Serial Range	8799-8799 8799-8799	Expiry Date	
Transaction Status History			
Status Date	08/12/2023 09:17:41 (AEST) 08/12/2023 09:17:41 (GMT)	Status Code	Completed (3)
Comment	These offset units have been cancelled on behalf of ARK Resources Pty Ltd to meet its carbon neutral claim against the Climate Active Carbon Neutral Standard for FY 2022-23		

Figure 1. ANREU retirement screenshot



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	6,545	0	67%
Climate Active precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	0	0	0%
Precinct/Building jurisdictional 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)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	1,844	0	19%
Residual Electricity	1,420	1,356	0%
Total renewable electricity (grid + non grid)	8,389	0	86%
Total grid electricity	9,809	1,356	86%
Total electricity (grid + non grid)	9,809	1,356	86%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	1,420	1,356	
Scope 2	1,254	1,198	
Scope 3 (includes T&D emissions from consumption under operational control)	166	158	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	85.52%
Mandatory	18.80%
Voluntary	66.72%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	1.20
Residual scope 3 emissions (t CO₂-e)	0.16
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	1.20
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.16
Total emissions liability (t CO₂-e)	1.36

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)
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	9,809	9,809	8,338	687	0	0
QLD	0	0	0	0	0	0
NT	0	0	0	0	0	0
WA	0	0	0	0	0	0
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	9,809	9,809	8,338	687	0	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)	9,809					
Residual scope 2 emissions (t CO₂-e)						8.34
Residual scope 3 emissions (t CO₂-e)						0.69
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)						8.34
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)						0.69
Total emissions liability						9.02

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
<i>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.</i>		

Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO ₂ -e)
N/A	0	0
<i>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.</i>		

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
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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

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
N/A						

Size:

Influence:

Risk:

Stakeholders:

Outsourcing



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