



PUBLIC DISCLOSURE STATEMENT

BLACK & MORE

ORGANISATION CERTIFICATION

FY2021–22

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Black EME PTY LTD
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>Tony Black</i></p>
	Tony Black Managing Director 30 March 2023



Australian Government
Department of Industry, Science,
Energy and Resources

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Version March 2022. To be used for FY20/21/CY2021 reporting onwards.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	192 tCO ₂ -e
OFFSETS BOUGHT	100% VCU's
RENEWABLE ELECTRICITY	N/A - using location-based method
TECHNICAL ASSESSMENT	N/A – small organisation
THIRD PARTY VALIDATION	Type 1 17 March 2023 Alex Stathakis Conversio

Contents

1. Certification summary.....	3
2. Carbon neutral information	4
3. Emissions boundary	5
4. Emissions reductions.....	7
5. Emissions summary.....	8
6. Carbon offsets	10
7. Renewable Energy Certificate (REC) Summary	12
Appendix A: Additional Information	13
Appendix B: Electricity summary	14
Appendix C: Inside emissions boundary	16
Appendix D: Outside emissions boundary	17

2. CARBON NEUTRAL INFORMATION

Description of certification

The Climate Active Carbon Neutral certification is for Black & More as an organisation for the 2021-22 financial year.

The certification is based on the Australian business operations of BLACK EME Pty Ltd, trading as Black and More, ABN 19 609 960 232 and the Climate Active standards for small organisations and includes all emissions within its operational control.

Organisation description

Black & More is a provider of professional engineering and project management services operating from five locations: Brisbane, Cairns, Sunshine Coast, Atherton and Toowoomba.

Working primarily in regional and remote areas in Queensland, our team includes 23 professional engineers, project managers, designers and para-professionals.

Building our reputation on successful relationships with long-term business partners and clients, we are committed to providing expert services that ensure client needs are met and expectations exceeded.

“Black & More recognises that we live on a finite planet with limited resources. We seek to provide solutions that are socially, environmentally and economically sustainable. Part of these solutions is moving towards operation of our business with net-zero emissions.”

3.EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation emissions boundary. Some small organisation emission sources have been excluded where they have not occurred.

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 but have nonetheless been **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 details are available at Appendix D.

Inside emissions boundary

Quantified

Accommodation
Carbon neutral products and services
Cleaning and Chemicals
Construction materials
Electricity
Food
Horticulture and agriculture
ICT services and equipment
Machinery and vehicles
Office equipment & supplies
Postage, courier and freight
Professional services
Refrigerants
Stationary energy
Transport (Air)
Transport (Land and sea)
Waste
Water
Work from home

Non-quantified

Outside emission boundary

Excluded

Products
Roads and landscape

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

Black & More is committed to reducing emissions by 30% by 2030 compared with our 2021-22 baseline.

This goal includes the following actions as part of a Five-Year Plan:

Electricity

- Install 13 kW Solar to our Cairns Office (FY22-23)
- Investigate options for purchase of Green Power for South East Queensland offices (FY23-24 – currently too expensive to implement; however, expected to become more competitive as the energy grid decarbonises).

Waste

- Develop a waste management plan as part of the ISO14001 accredited environmental management system (FY23-24).

Fuel

- Implement a flexible working arrangements policy to reduce fuel usage for staff commuting (FY22-23)
- Reduce the need for air travel between major regional centers and capital cities wherever possible through using video-link technology (FY22-23).

5. EMISSIONS SUMMARY

Significant changes in emissions

N/A as this is an initial report and there are no previous emissions to compare against.

Use of Climate Active carbon neutral products and services

There were no Climate Active carbon neutral products or services used.

Organisation emissions summary

The electricity summary is available in Appendix B. Electricity emissions were calculated using a location-based approach. Note that emissions for stationary energy have been captured under the electricity emissions source as base building energy through the use of the Climate Active Electricity Calculator.

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 (tCO ₂ -e)
Accommodation and facilities	0.00	0.00	3.25	3.25
Cleaning and Chemicals	0.00	0.00	0.60	0.60
Climate Active Carbon Neutral Products and Services	0.00	0.00	0.00	0.00
Construction Materials and Services	0.00	0.00	6.71	6.71
Electricity	0.00	84.98	0.00	84.98
Food	0.00	0.00	1.60	1.60
Horticulture and Agriculture	0.00	0.00	0.25	0.25
ICT services and equipment	0.00	0.00	0.58	0.58
Machinery and vehicles	0.00	0.00	2.65	2.65
Office equipment & supplies	0.00	0.00	1.38	1.38
Postage, courier and freight	0.00	0.00	0.32	0.32
Products	0.00	0.00	0.00	0.00
Professional Services	0.00	0.00	14.49	14.49
Refrigerants	0.00	0.00	0.00	0.00
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	24.47	24.47
Transport (Land and Sea)	0.04	0.00	37.66	37.71
Waste	0.00	0.00	1.39	1.39
Water	0.00	0.00	0.52	0.52
Working from home	0.00	0.00	1.74	1.74
Grand Total	0.04	84.98	97.60	182.62

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which 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
Compulsory additional 5% of the total added for small organisations	9.13
Total of all uplift factors	9.13
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	191.75

6. CARBON OFFSETS

Offsets retirement approach

In arrears

1.	Total emissions footprint to offset for this report	192 tCO ₂ -e
2.	Total eligible offsets purchased and retired for this report	192 tCO ₂ -e
3.	Total eligible offsets banked to use toward next year's report	0 tCO ₂ -e

Co-benefits

N/A.

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 (%)
DARICA-1 99 MW Hydro Power Plant Project, Turkey	VCUs	Verra	27/03/2023	12780-434821584-434821775-VCS-VCU-208-VER-TR-1-506-01012014-31122014-0	2014		192	0	0	192	100%
Total offsets retired this report and used in this report										192	
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 Carbon Units (VCUs)		192					100%				

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A.

APPENDIX A: ADDITIONAL INFORMATION

N/A.

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a location-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	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)	17,171	0	19%
Residual Electricity	75,195	74,816	0%
Total grid electricity	92,366	74,816	19%
Total Electricity Consumed (grid + non grid)	92,366	74,816	19%
Electricity renewables	17,171	0	
Residual Electricity	75,195	74,816	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		74,816	
Total renewables (grid and non-grid)	18.59%		
Mandatory	18.59%		
Voluntary	0.00%		
Behind the meter	0.00%		
Residual Electricity Emission Footprint (TCO₂e)	75		

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 Emissions (kgCO2e)
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	92,366	73,893	11,084
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	92,366	73,893	11,084
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	92,366	73,893	11,084

Emission Footprint (TCO2e)	85
Scope 2 Emissions (TCO2e)	74
Scope 3 Emissions (TCO2e)	11

Climate Active Carbon Neutral Electricity summary

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

No sources of emissions have been assessed as relevant, captured within the emissions boundary, but not measured (quantified) in the carbon inventory.

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
N/A	N/A	N/A	N/A	N/A

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to an 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.

Emissions from products and roads and landscape have been excluded from the small organisation boundary because they were not used by Black and More in the reporting period.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Products	No	No	No	No	No	No
Roads and landscape	No	No	No	No	No	No



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