

Climate Active Carbon Neutral certification

Public Disclosure Statement



THIS DOCUMENT WILL BE MADE PUBLICLY AVAILABLE
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Responsible entity name:	APREF Property Pty Ltd and APREF Banfield Road Trust
Building / Premises name:	Macquarie Innovation Centre
Building owner:	AEW
Building Address:	2 Banfield Road, Macquarie Park, NSW, 2113

This building / project Macquarie Innovation Centre has been Certified Carbon Neutral Office (Base Building) by NABERS against the Australian Government's Climate Active Carbon Neutral Standard for Buildings (the Standard) for the period 01/11/2022 to 31/10/2023.

Total emissions offset	406 tCO ₂ -e
Offsets bought	50% ACCUs, 50% VCUs
Renewable electricity	52% of electricity is from renewable sources

Emissions Reduction Strategy

Macquarie Innovation Centre has achieved a NABERS Energy rating of 5.5 stars without GreenPower.

Expires 31 December 2023

Reporting Year Period

The rating period / reporting year
 12 consecutive months of data used to calculate the NABERS Star rating.

01/11/2021
 to
 31/10/2022

1. Carbon Neutral Information

1A Introduction:

AEW is a global real estate investment manager with US\$89.0 billion assets under management. AEW is committed to a vision of prudent property stewardship and is focused on investing in properties and implementing improvements that further sustainability.

1B Emission sources within certification boundary

Table 1. Emissions Boundary

The Building has achieved Carbon Neutral Certification for the	Base Building; or	<input checked="" type="checkbox"/>
	Whole Building.	<input type="checkbox"/>
The Responsible Entity has defined a set building’s emissions boundary (in terms of geographic boundary, building operations, relevance & materiality) as including the following emission sources		Scope 1: Refrigerants, Gas/Fuels Scope 2: Electricity Scope 3: Gas/Fuels & Electricity, Water, Waste, Wastewater.



2. Emissions Summary

Table 2. Emissions Source – Summary	t CO ₂ –e
Scope 1: Refrigerants	43
Scope 1: Natural gas	54
Scope 1: Diesel	0
Scope 2: Electricity	240
Scope 3: Natural gas, diesel and electricity	40
Scope 3: Water and Wastewater	10
Scope 3: Waste	19
Total Emissions	406

*The emissions associated with these Products and Services have been offset on their behalf. A list of these can be found on the Climate Active website:

<https://www.climateactive.org.au/buy-climate-active/certified-brands>

3. Carbon Offsets Summary

Table 4. Offsets retired										
Project Description	Type of offset units	Registry	Date retired	Serial numbers / Hyperlink*	Vintage	Quantity **	Eligible Quantity (tCO2 -e) (total quantity retired) ***	Eligible Quantity banked for future reporting periods	Eligible Quantity used for this reporting period claim	Percentage of total (%)
Avoided deforestation + avoided emissions	ACCUs	ANREU	20/01/23	8,330,788,099 - 8,330,788,297 (Qty 199) 8,330,790,548 - 8,330,790,551 (Qty 4)	2021-22	203	203	0	203	50
Avoided deforestation + carbon removal with short-lived storage Verra - REDD+ VCU	VCUs	VERRA	09/02/23	7627-414496341-414496543-VCU-016-MER-ID-14-674-01072014-31122014-1	2014	203	203	0	203	50
TOTAL Eligible Quantity used for this reporting period claim									406	
TOTAL Eligible Quantity banked for future reporting periods								0		

* If a hyperlink is not feasible, please send NABERS a screenshot of retirement, or attach as an appendix.



** Quantity is defined as the number of offsets purchased, regardless of eligibility. For example, Yarra Yarra biodiversity credits are not eligible under Climate Active unless they are stapled to eligible offsets. Therefore the quantity of the Yarra Yarra credits could be entered here, however 0 would be put in the eligible quantity column.

*** Eligible Quantity is the total Climate Active eligible quantity purchased. For all eligible offsets, this is the same number as per the quantity cell.

4. Renewable Energy Certificate (REC) Summary

Renewable Energy Certificate (REC) summary

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

1. Large-scale Generation certificates (LGCs)*	0
2. Other RECs	0

* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the Large-scale Renewable Energy Target (LRET), GreenPower, and jurisdictional renewables.

Table 6. REC information									
Project supported by REC purchase	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	REC creation date	Quantity (MWh)	Fuel source	Location
Total LGCs surrendered this report and used in this report							0		



Appendix A: Electricity Summary

Electricity emissions are calculated using 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.

Marked Based Approach		
Total renewables (onsite and offsite) (cell D45)	292,834	kWh
Mandatory * (RET) (cell D32)	94,699	kWh
LGCs voluntarily surrendered (cell D36+D37)	0	kWh
GreenPower purchases (cell D34)	142,252	kWh
Onsite renewable energy consumed (cell D40+D43)	55,883	kWh
Onsite renewable energy exported (cell D41)	3,751	kWh
Total residual electricity (cell D38)	271,091	kWh
Percentage renewable electricity – (cell D46)	52	%
Market Based Approach Emissions Footprint (cell M47)	266,526	kgCO ₂ -e
Location Based Approach		
Location Based Approach Emissions Footprint (L38)	314,710	kgCO ₂ -e

The categories can include:

- * Mandatory - contributions from the Large-scale Renewable Energy Target and jurisdictional renewable electricity targets (if matched by LGC surrenders).
- * Voluntary - contributions from LGCs voluntarily surrendered (including via Power Purchase Agreements) and GreenPower purchases.

Appendix B: Offset Screenshots

The screenshot shows the ANREU website interface. The main content area displays 'Transaction Details' for a transaction with ID AU05749. The transaction is in a 'Completed' status and was initiated on 20/01/2023. The transaction type is 'Cancellation (4)'. The comment states: 'Retired on behalf of AEW for the purpose of carbon neutral Climate Active certification for 2 Banfield Road, Macquarie Park'. Below this, the 'Transferring Account' and 'Acquiring Account' information is shown. The transferring account is AU-2798, held by Aboriginal Carbon Fund Limited. The acquiring account is AU-1088, held by the Commonwealth of Australia.

Part	Units	Transaction Type	Original CP	Current CP	ESE Project ID	NGER Facility ID	NGER Facility Name	Safeguard #	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACU Cancellation			ED010517					2021-22		8,330,788,099-8,330,790,297	199
AU	KACCU	Voluntary ACU Cancellation			ED010517					2021-22		8,330,790,298-8,330,790,581	4

The screenshot shows the VERRA website interface. The main content area displays a table of 'RETIRED UNITS'. The table has columns for From/Vintage, To/Vintage, Serial Number, Quantity of Units, Unit Type, Project ID, Project Name, Project Type, Additional Assurance Certification, Origination Program, Project Site, Project Country/Area, Account Holder, Retirement Reason, Beneficial Owner, Retirement Reason Details, and Date of Retirement.

From/Vintage	To/Vintage	Serial Number	Quantity of Units	Unit Type	Project ID	Project Name	Project Type	Additional Assurance Certification	Origination Program	Project Site	Project Country/Area	Account Holder	Retirement Reason	Beneficial Owner	Retirement Reason Details	Date of Retirement
01/07/2014	31/12/2014	7027-414496381-414499543-61972014-31122014-1	203	VCU	674	Rimba Raya Bioenergy Reserve Project	Agriculture, Forestry and Other Land Use	CCB-Gold		Central Kalimantan	Indonesia (ID)	Panganan Associates Pty Ltd	NCOS Programme	Panganan	Retired on behalf of AEW for the purpose of carbon neutral Climate Active certification for 2 Banfield Road, Macquarie Park	09/02/2023

—Report end—

