

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 atf APREF Banfield Road Trust
Building / Premises name:	Macquarie Innovation Centre
Building owner: <i>(delete if the same as applicable responsible entity)</i>	AEW
Building Address:	2 Banfield Road, Macquarie Park, NSW, 2113
Corresponding NABERS Energy Rating number	OF29996

This building Macquarie Innovation Centre has been Certified Carbon Neutral 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	545 tCO ₂ -e
Offsets bought	100% stapled VCUs and ABUs
Renewable electricity	27% of electricity is from renewable sources (you can find this number in Appendix A of this document - electricity summary)

Emissions Reduction Strategy

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

Expires 31 December 2024

Reporting Year Period

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

01/11/2022
to
31/10/2023

1. Carbon Neutral Information

1A Introduction:

Is this part of a portfolio? No

AEW is a global real estate investment manager with US\$90.7 billion¹ 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.

¹ As of June 30, 2023

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	40
Scope 1: Diesel	0
Scope 2: Electricity	388
Scope 3: Natural gas, diesel and electricity	42
Scope 3: Water and Wastewater	12
Scope 3: Waste	20
Total Emissions	545

*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 (tCO ₂ -e) (total quantity retired) ***	Eligible Quantity banked for future reporting periods	Eligible Quantity used for this reporting period claim	Percentage of total (%)
My Son - Hoan Loc Viet Solar Energy Project	Verified Carbon Units (VCUs)	Verra Registry	4/1/24	16083-739083490-739084034-VCS-VCU-264-VER-VN-1-1958-01012022-31012022-0 Verra Registry	2022	545	545	0	545	100%
Mount Sandy Biodiversity Conservation	Australian Biodiversity Units (ABUs)	EcoAustralia (stapled)	19/12/23	94468-95012	2019	545 (stapled)	545 (stapled)	0	545 (stapled)	100% (stapled)
TOTAL Eligible Quantity used for this reporting period claim								545		
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) *	
2. Other RECs	

* 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									



Appendix A: 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.

Marked Based Approach		
Total renewables (onsite and offsite) (cell D45)	161,943	kWh
Mandatory * (RET) (cell D32)	99,005	kWh
LGCs voluntarily surrendered (cell D36+D37)	0	kWh
GreenPower voluntarily purchased (cell D34)	0	kWh
Onsite renewable energy consumed (cell D40+D43)	62,938	kWh
Onsite renewable energy exported (cell D41)	0	kWh
Total residual electricity (cell D38)	432,138	kWh
Percentage renewable electricity – (cell D46)	27%	%
Market Based Approach Emissions Footprint (cell M47)	424,796	kgCO ₂ -e
Location Based Approach		
Location Based Approach Emissions Footprint (L38)	419,603	kgCO ₂ -e

Note



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: Screenshots of offsets purchased

From Vintage	To Vintage	Serial Number	Quantity of Units	Unit Type	Project ID	Project Name	Project Type	Additional Issuance Certifications	Origination Program	Project Site State/Province	Project Country/Area	Account Holder	Retirement Reason	Beneficial Owner	Retirement Reason Details	Date of Retirement
01/01/2022	31/01/2022	16083-739083490-739084034-VCS-VCU-264-VER-VN-1-1958-01012022-31012022-0	545	VCU	1958	My Son - Hoan Loc Viet Solar Energy Project	Energy Industries (renewable/non-renewable sources)	1-1-1		Ninh Thuan Province	Viet Nam (VN)					04/01/2024

VERRA

Verified Carbon Standard

Certificate of Verified Carbon Unit (VCU) Retirement

Verra, in its capacity as administrator of the Verra Registry, does hereby certify that on 04 Jan 2024, 545 Verified Carbon Units (VCUs) were retired on behalf of:

APREF Property Pty Ltd atf APREF Banfield Road Trust

Project Name
My Son - Hoan Loc Viet Solar Energy Project

VCU Serial Number
16083-739083490-739084034-VCS-VCU-264-VER-VN-1-1958-01012022-31012022-0

Additional Certifications

Powered by **APX**



CERTIFICATE

MOUNT SANDY CONSERVATION PROJECT

545

Australian Biodiversity Units
(817.5 square metres)
were purchased and retired by:

APREF PROPERTY PTY LTD ATF APREF
BANFIELD ROAD TRUST
CRN 1057
SERIAL NUMBERS 94468-95012

AN AUSTRALIAN BIODIVERSITY UNIT (ABU) REPRESENTS THE PERMANENT
PROTECTION OF 1.5 SQUARE METRES OF HIGH CONSERVATION VALUE
NATIVE HABITAT



22/01/2024

REGISTRAR CERTIFICATION

DATE

NVCR ALLOCATION REFERENCE: 2019/4003 VOL 003

—Report end—