

Climate Active Carbon Neutral certification

Public Disclosure Statement



THIS DOCUMENT WILL BE MADE PUBLICLY AVAILABLE

Responsible entity name: UniSuper

Building / Premises name: Karrinyup Shopping Centre

Building Address: 200 Karrinyup Road, Karrinyup, WA 6018

Corresponding NABERS Energy Rating number SC33771

This building Karrinyup Shopping Centre has been Certified Carbon Neutral (Base Building) NABERS against the Australian Government’s Climate Active Carbon Neutral Standard for Buildings (the Standard) for the period 28/10/2024 to 27/10/2025.

Total emissions offset	2009 tCO2-e
Offsets bought	0.00% ACCUs, 100.00% VCUs, 0.00% CERs, 0.00% VERs, 0.0% RMUs
Renewable electricity	100.00% of electricity is from renewable sources

Emissions Reduction Strategy

Karrinyup Shopping Centre has achieved a NABERS Energy rating of 4 stars without GreenPower.

Expires 27th of October 2025

Reporting Year Period		
The rating period / reporting year	01-07-23	
12 consecutive months of data used to calculate the NABERS Star rating.	to	
	30-06-24	



1. Carbon Neutral Information

1A Introduction:

GPT is a global leader in environmental sustainability. GPT’s carbon neutral journey began with an aspiration to reduce its environmental impact and be an overall positive contributor to environmental sustainability. In 2023 GPT achieved carbon neutral operations for the UniSuper mandate as certified by Climate Active. By 2030 GPT has committed to deliver carbon neutral base building operations for all GPT assets.

GPT Carbon Neutral Pathway:

- 1. Investing heavily in dealing with the most material source of inherent emissions - energy
- 2. Eliminating Scope 2 emissions by procuring 100% renewable electricity and by installing on-site solar
- 3. Offsetting emissions from Scope 1 and Scope 3 emissions through the procurement of offsets that additionally have positive ecological impact relating to Australian-based reforestation projects, which provide water and biodiversity co-benefits in collaboration with Traditional Owners.
- 4. Driving waste recovery to increase A-Grade recycling rates

GPT’s carbon neutral achievement is validated in line with the Climate Active Certification and GPT is also aligning its measurement methods with the international Greenhouse Gas Protocols.

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.	

Table 2. Declaration of excluded emissions

All emissions sources **within the geographic boundary** of the building that are **excluded from the emissions boundary** of this claim are declared below.

Emissions sources not included in this carbon neutral claim	Description & justification of the exclusion
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2. Emissions Summary

Table 2. Emissions Source – Summary		t CO ₂ –e
Scope 1: Refrigerants		0.0
Scope 1: Natural gas		223.3
Scope 1: Diesel		0.2
Scope 2: Electricity		0.0
Scope 3: Natural gas		17.8
Scope 3: Diesel		0.0
Scope 3: Electricity		0.0
Scope 3: Waste		1,572.8
Scope 3: Water and Wastewater		194.6
Other Scope 1,2 and 3 emissions		0.0
Total Emissions		2,009

*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	Eligible Quantity banked for future reporting periods	Eligible Quantity used for this reporting period claim	Percentage of total (%)
							(tCO2 -e) (total quantity retired) ***			
Renewable Solar Power Project by Shapoorji Pallonji	VCU	VERRA	19-04-24	13274-487187231-487187769-VCS-VCU-1491-VER-IN-1-1976-26062019-31122019-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=243010	26/06/2019 - 31/12/2019	539	539	0	539	26.8%
Renewable Solar Power Project by Shapoorji Pallonji	VCU	VERRA	04-12-24	13274-487219742-487220819-VCS-VCU-1491-VER-IN-1-1976-26062019-31122019-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=273485	26/06/2019 - 31/12/2019	1078	1078	0	1078	53.7%
Bundled Solar Power Project by Solarise India Projects PVT. LTD.	VCU	VERRA	04-12-24	10730-245112957-245113348-VCS-VCU-997-VER-IN-1-1762-26042018-31122018-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=257121	26/04/2018 - 31/12/2018	392	392	0	392	19.5%
TOTAL Eligible Quantity used for this reporting period claim									2,009	
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)*	9309
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* 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	Certificate serial number	Accreditation code (LGCs)	REC creation date	Quantity (MWh)	Quantity used for this reporting period (MWh)	Quantity banked for future reporting (MWh)	Fuel source	Location
Columboola Solar Farm - QLD	LGC	REC Registry	07-06-24	30826-35540	SRPVQLT1	2023	4715	4715	0	Solar	QLD
Columboola Solar Farm - QLD	LGC	REC Registry	25-10-24	266362-270918	SRPVQLT1	2023	4557	4557	0	Solar	QLD
Moura Solar Farm - Solar - QLD	LGC	REC Registry	25-10-24	118425-118461	SRPVQLW1	2023	37	37	0	Solar	QLD
Total LGCs surrendered this report and used in this report								9,309			

Appendix A: Electricity Summary

Electricity emissions are calculated using market-based approach

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)	11,483,539	kWh
Mandatory * (RET) (cell D32)	2,174,539	kWh
LGCs voluntarily surrendered (cell D36+D37)	9,309,000	kWh
GreenPower voluntarily purchased (cell D34)	0	kWh
Onsite renewable energy consumed (cell D41+D43)	0	kWh
Onsite renewable energy exported (cell D40)	0	kWh
Total residual electricity (cell D44)	-14,450	kWh
Percentage renewable electricity – (cell D46)	100.00%	
Market Based Approach Emissions Footprint (cell M44)	-13,149	kgCO ₂ -e
Location Based Approach		
Location Based Approach Emissions Footprint (cell L47)	7,913,672	kgCO ₂ -e

Note

* Voluntary - contributions from LGCs voluntarily surrendered (including via Power Purchase Agreements) and GreenPower purchases.

Appendix B: Waste Data Quality

For all Climate Active Carbon Neutral claims made via the NABERS pathway, the quality of waste data is evaluated to determine the accuracy and integrity of the calculated emissions from the building's waste. Waste data quality is categorised into one of five tiers ranging from poor to excellent.

Emissions from waste make up 78.29% of this claim's total emissions

The quality of waste emissions data for this claim is categorised as:

Excellent
Good
Acceptable
Basic
Poor

Appendix C: Refrigerant assessment details

Refrigerant emissions represent the global warming potential of refrigerant gases lost to atmosphere from the building's airconditioning and/or refrigeration equipment. There are two methods for accounting for refrigerant emissions, including:

Method 1 – Estimation based on a default annual leakage rate

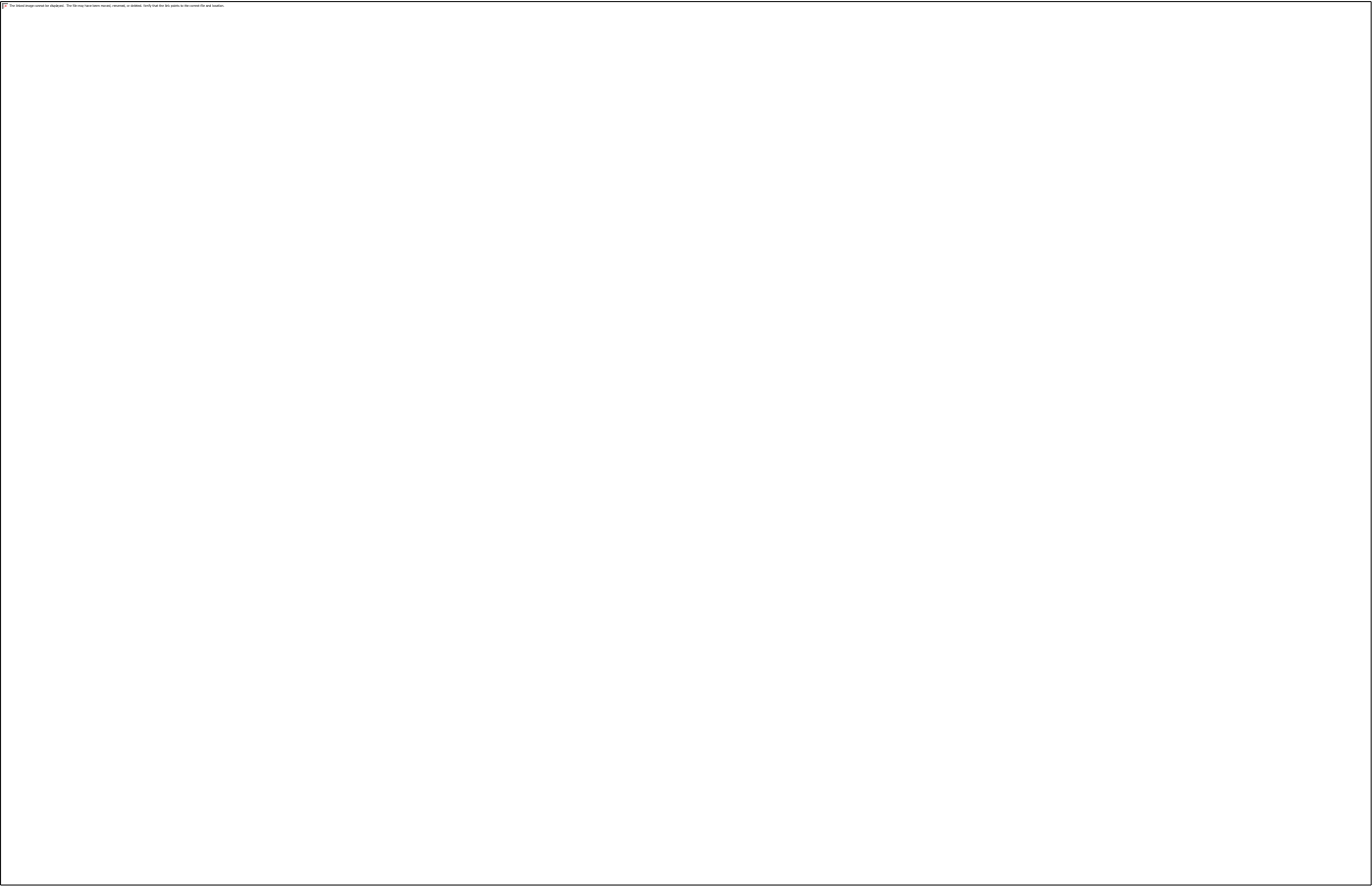
Method 2 – Approximation based on records of top-ups"

Refrigerant emissions make up 0.00% of this claim's total emissions.

Refrigerant emissions were assessed as follows:

Assessment method	Refrigerant emissions calculated per method (t CO2-e)
Method 1	Method 1 not applied
Method 2	Method 2 not applied
Total	0.00

Appendix D: Screenshots of offsets purchased



RETIRED UNITS																
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
26/06/2019	31/12/2019	13274-487219742-487220819-VCS-VCU-1491-VER-IN-1-1976-26062019-31122019-0	1078	VCU	1976	Renewable Solar Power Project by Shapoorji Pallonji	Energy industries (renewable/non-renewable sources)			Multiple Sites	India (IN)	Pangolin Associates Pty Ltd	NCOS Programme	UniSuper	The UniSuper Fund for Karrinyup Shopping Centre; for the period 01/01/2024 to 30/06/2024	04/12/2024
1 - 1 : 1																

RETIRED UNITS																
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
		10730-245112967-245113346-VCS-VCU11				Rundled Solar Power Project by	Energy industries			Telanoona		Pangolin			The UniSuper Fund for Karrinyup Shopping	



26/04/2018	31/12/2018	19/30-24211235/-242112349-VCS-VLU-0	997-VER-IN-1-1762-26042018-31122018-0	362	VCU	1762	Renewable Solar Power Project by Solararise India Projects PVT LTD.	Energy Industries (renewable/non-renewable sources)			reengana, Maharashtra, Karnataka	India (IN)	Pangolin Associates Pty Ltd	NCOS Programme	UniSuper	The UniSuper Fund for Karimiyup Shopping Centre, for the period 01/01/2024 to 30/06/2024	04/12/2024
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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
26/06/2019	31/12/2019	13274-487187231-487187769-VCS-VCU-1491-VER-IN-1-1976-26062019-31122019-0	530	VCU	1976	Renewable Solar Power Project by Shapoorji Pallonji	Energy industries (renewable/non-renewable sources)			Multiple Sites	India (IN)	Pangolin Associates Pty Ltd	NCOS Programme	UniSuper	The UniSuper Fund for Karimiyup Shopping Centre, for the period 01/07/2023 to 31/12/2023	19/04/2024
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