Climate Active Carbon Neutral certification

Public Disclosure Statement

THIS DOCUMENT WILL BE MADE PUBLICLY AVAILABLE

Responsible entity name:	Quality Green Group
Building / Premises name:	280 Keira Street
Building Address:	280-286 Keira Street, Wollongong, NSW 2500
Corresponding NABERS Energy Rating number	OF32204

This building 280 Keira Street 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 06/7/2024 to 05/7/2025.

Total emissions offset	237 tCO2-e
Offsets bought	0.00% ACCUs, 100.0% VCUs, 0.0% CERs, 0.0% VERs, 0.0% RMUs
Renewable electricity	42.81% of electricity is from renewable sources

Emissions Reduction Strategy

280 Keira Street has achieved a NABERS Energy rating of 6 stars without GreenPower.

Expires 5th of July 2025

Reporting Year Period

The rating period / reporting year 12 consecutive months of data used to calculate the NABERS Star rating.	*1/04/2023* *to* *31/03/2024*

1. Carbon Neutral Information

1A Introduction:

Quality Green Group is the Illawarra's leading property investment group, and is a recognised multi-sector property developer and manager of quality assets.
Quality Green Group is one of the largest office real estate owners in the Illawarra, with an applied focus upon the operational efficiency of its assets, which has resulted in the receipt of the Illawarra's first three NABERS 6-star energy rated buildings.
Quality Green Group are now seeking to maintain a NABERS Carbon Neutral certification for 280-286 Keira Street, Wollongong.

1B Emission sources within certification boundary

Table 1. Emissions Boundary		
The Building has achieved Carbon Neutral Certification for the	Base Building; or	■
	Whole Building.	□
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
Office tenancy lighting and power	Office tenancy lighting, power and supplementary AC are excluded as per NABERS minimum energy coverage requirements for base building offices
Retail tenancy lighting and power	Office tenancy lighting, power and supplementary AC are excluded as per NABERS minimum energy coverage requirements for base building offices. These sources are outside of the oeprational control of the buildig owner
Tenant managed waste streams i.e. confidential document shredding	Tenant managed waste streams are not managed by the building owner and thus are excluded as per NABERS requirements for base building offices

2. Emissions Summary

Table 2. Emissions Source – Summary	t CO_2 –e
Scope 1: Refrigerants	28.7
Scope 1: Natural gas	17.8
Scope 1: Diesel	0.2
Scope 2: Electricity	155.5
Scope 3: Natural gas	4.5
Scope 3: Diesel	0.0
Scope 3: Electricity	17.0
Scope 3: Waste	9.2
Scope 3: Water and Wastewater	3.5
Other Scope 1,2 and 3 emissions	0.0
Total Emissions	**237**

*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 (%)
Wind Power Project in Tamil Nadu by Green Infra Renewable Energy Limited Project	VCU	Verra	3/07/2024	11063-276590630-276590771-VCS-VCU-997-VER-IN-1-1904-01122019-31122019-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=241879	1/12/19 - 31/12/19	142	142	0	142	59.9%
Wind Power Project in Tamil Nadu by Green Infra Renewable Energy Limited Project	VCU	Verra	3/07/2024	11063-276591483-276591522-VCS-VCU-997-VER-IN-1-1904-01122019-31122019-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=248182	1/12/19 - 31/12/19	13	13	0	13	5.5%
Wind Power Project in Tamil Nadu by Green Infra Renewable Energy Limited Project	VCU	Verra	3/07/2024	11063-276590459-276590471-VCS-VCU-997-VER-IN-1-1904-01122019-31122019-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=247010	1/12/19 - 31/12/19	42	42	0	42	17.7%
Wind Power Project in Tamil Nadu by Green Infra Renewable Energy Limited Project	VCU	Verra	3/07/2024	11063-276591523-276591564-VCS-VCU-997-VER-IN-1-1904-01122019-31122019-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=248816	1/12/19 - 31/12/19	40	40	0	40	16.9%
						TOTAL Eligible Quantity used for this reporting period claim			237	
						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

* 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
						Total LGCs surrendered this report and used in this report		0			

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)	**129,675**	**kWh**
Mandatory * (RET) (cell D32)	39,695	kWh
LGCs voluntarily surrendered (cell D36+D37)	0	kWh
GreenPower voluntarily purchased (cell D34)	0	kWh
Onsite renewable energy consumed (cell D40+D43)	89,980	kWh
Onsite renewable energy exported (cell D41)	0	kWh
Total residual electricity (cell D38)	**173,260**	kWh
Percentage renewable electricity – (cell D46)	**42.81%**	
Market Based Approach Emissions Footprint (cell M47)	**172,493**	**kgCO_2-e**
Location Based Approach		
Location Based Approach Emissions Footprint (cell L47)	**168,234**	**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 NABERSpathway, 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 3.87% 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 12.10% of this claim's total emissions.
Refrigerant emissions were assessed as follows:

Assessment method	Refrigerant emissions calculated per method (t CO2-e)
Method 1	28.68
Method 2	Method 2 not applied
Total	**28.68**

Appendix D: Screenshots of offsets purchased

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