Climate Active Carbon Neutral certification

Public Disclosure Statement

NABERS

An Australian Government Initiative

Climate Active

THIS DOCUMENT WILL BE MADE PUBLICLY AVAILABLE

Responsible entity name:	69 Robertson Street Pty Ltd
Building / Premises name:	Floth HQ
Building Address:	69 Robertson Street, Fortitude Valley, QLD 4006
Corresponding NABERS Energy Rating number	OF33271

This building Floth HQ 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 03/11/2024 to 02/11/2025.

Total emissions offset	15 tCO2-e
Offsets bought	0.00% ACCUs, 0.00% VCUs, 100.00% CERs, 0.00% VERs, 0.0% RMUs
Renewable electricity	100.00% of electricity is from renewable sources

Emissions Reduction Strategy

Floth HQ has achieved a NABERS Energy rating of 5.5 stars without GreenPower.

Expires 2nd of November 2025

Reporting Year Period

The rating period / reporting year 12 consecutive months of data used to calculate the NABERS Star rating.	*6/07/2023* *to* *5/07/2024*

1. Carbon Neutral Information

1A Introduction:

Floth which is the parent company of 69 Robertson Street Pty Ltd, is one of Australia's leading building services and engineering consultancy practices. For more than 30 years we have worked on major projects in Australia and Asia earning a reputation for commercially viable and sustainable designs. Floth is also committed to rigorous environmental management of operations that are continuously improved in order to maintain our ISO 14001 certified Environmental Management System that has been in place since 2010.

Floth Sustainable Building Consultants 1,000m2 office building in Brisbane's Fortitude Valley received the first 6 Star Green Star Design and As Built v1.1 certified rating in Australia in November 2015. Floth developed and occupy the office building and undertook the building services engineering and Environmentally Sustainable Design (ESD) in house. Also at that time the building was recognised as the first to meet the Australian Sustainable Built Environment Council's (ASBEC) standard definition of a zero carbon building by virtue of highly energy efficient design, 28% on-site renewable energy contribution from roof-mounted photovoltaic system and 100% Greenpower purchase to offset remaining operational emissions. Achieving Carbon Neutral certification is a natural progression

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 light and power	Office tenancy lighting, power and supplementary air-conditioning are excluded as per NABERS minimum energy coverage requirements for base building offices

2. Emissions Summary

Table 2. Emissions Source – Summary	t CO_2 –e
Scope 1: Refrigerants	7.7
Scope 1: Natural gas	0.6
Scope 1: Diesel	0.0
Scope 2: Electricity	0.0
Scope 3: Natural gas	0.1
Scope 3: Diesel	0.0
Scope 3: Electricity	0.0
Scope 3: Waste	5.7
Scope 3: Water and Wastewater	0.4
Other Scope 1,2 and 3 emissions	0.0
Total Emissions	**15**

*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 (%)**
9MW Biomass Power Project at Yedlapur Village in Raichur District, Karnataka, India	CER	CDM Registry	28/10/2024	IN-5-315210020-2-2-0-9430 to IN-5-315210034-2-2-0-9430 See Screenshot on Appendix B	2013 or later	15	15	0	15	100.0%
							TOTAL Eligible Quantity used for this reporting period claim		15	
							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)	**68,391**	**kWh**
Mandatory * (RET) (cell D32)	9,871	kWh
LGCs voluntarily surrendered (cell D36+D37)	0	kWh
GreenPower voluntarily purchased (cell D34)	52,063	kWh
Onsite renewable energy consumed (cell D41+D43)	6,457	kWh
Onsite renewable energy exported (cell D40)	0	kWh
Total residual electricity (cell D44)	**-9,871**	kWh
Percentage renewable electricity – (cell D46)	**100.00%**	
Market Based Approach Emissions Footprint (cell M44)	**-8,983**	**kgCO_2-e**
Location Based Approach		
Location Based Approach Emissions Footprint (cell L47)	**45,815**	**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 37.75% 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:

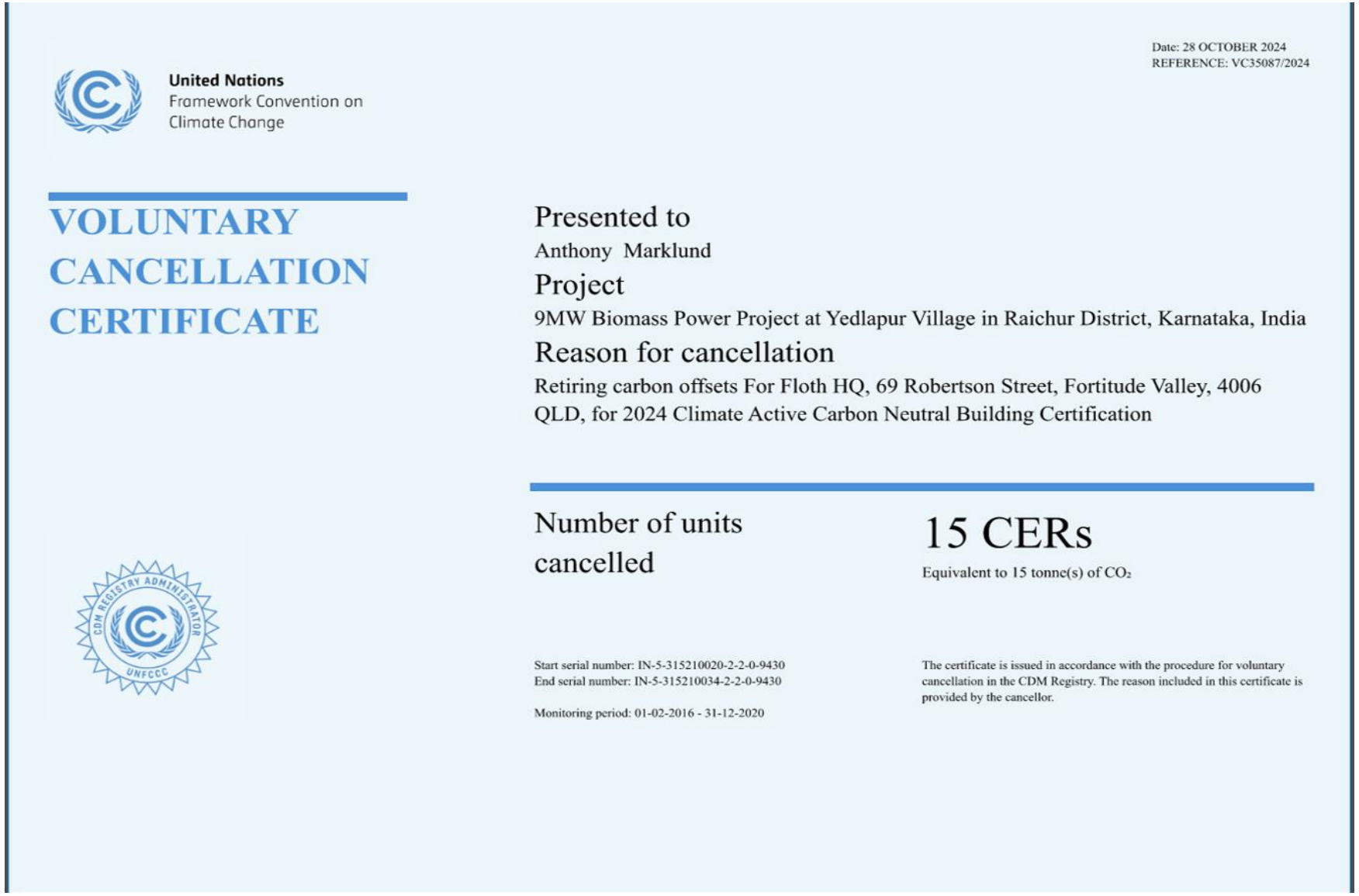
Method 1 – Estimation based on a default annual leakage rate

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

Refrigerant emissions make up 51.40% of this claim's total emissions.
Refrigerant emissions were assessed as follows:

Assessment method	Refrigerant emissions calculated per method (t CO2-e)
Method 1	7.71
Method 2	Method 2 not applied
Total	**7.71**

Appendix D: Screenshots of offsets purchased



United Nations
Framework Convention on
Climate Change

Date: 28 OCTOBER 2024
REFERENCE: VC35087/2024

VOLUNTARY CANCELLATION CERTIFICATE

Presented to
Anthony Marklund

Project
9MW Biomass Power Project at Yedlapur Village in Raichur District, Karnataka, India

Reason for cancellation
Retiring carbon offsets For Floth HQ, 69 Robertson Street, Fortitude Valley, 4006 QLD, for 2024 Climate Active Carbon Neutral Building Certification

Number of units cancelled

15 CERs

Equivalent to 15 tonne(s) of CO_2

Start serial number: IN-5-315210020-2-2-0-9430
End serial number: IN-5-315210034-2-2-0-9430

Monitoring period: 01-02-2016 - 31-12-2020

The certificate is issued in accordance with the procedure for voluntary cancellation in the CDM Registry. The reason included in this certificate is provided by the cancellor.

___Report end ___