



PUBLIC DISCLOSURE STATEMENT

**THE TRUSTEE FOR SNOW FLAKE
MANAGEMENT UNIT TRUST**

**ORGANISATION CERTIFICATION
FY2022–23**

Australian Government
**Climate Active
Public Disclosure Statement**



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	The Trustee for Snow Flake Management Unit Trust
REPORTING PERIOD	1 July 2022 – 30 June 2023
DECLARATION	<p><i>To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.</i></p> <p><i>David Simms</i></p> <p>Name of signatory: David Simms Position of signatory: Director Date: 1/3/24</p>



Australian Government
**Department of Climate Change, Energy,
the Environment and Water**

Public Disclosure Statement documents are prepared by the submitting organisation. The material in the Public Disclosure Statement document represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Statement document and disclaims liability for any loss arising from the use of the document for any purpose.

Version August 2023.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	533 tCO ₂ -e
OFFSETS USED	100% VERs
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: Snowflake Laundry & Linen Services
TECHNICAL ASSESSMENT	N/A

Contents

1. Certification summary	3
2. Carbon neutral information	4
3. Emissions boundary	5
4. Emissions reductions	7
5. Emissions summary	8
6. Carbon offsets	10
7. Renewable Energy Certificate (REC) Summary	12
Appendix A: Additional Information	13
Appendix B: Electricity summary	14
Appendix C: Inside emissions boundary	17
Appendix D: Outside emissions boundary	18

2. CARBON NEUTRAL INFORMATION

Description of certification

This certification is for Snowflake Laundry & Linen Services (ABN 56 854 775 629) Australian business operations.

Organisation description

The Snowflake Family has been operating in Melbourne since 1948, family-owned and operated Snowflake Laundry & Linen Services has been providing high-end laundry and linen-hire services to Melbourne businesses for over 70 years. Snowflake Laundry offers linen hire for medical centres and allied health clinics, high-end day spas, boutique accommodation, cafes, and restaurants in Melbourne, the Mornington Peninsula, and the Yarra Valley. Snowflake Laundry also specialises in Customer Owned Goods (COG) laundry services for our customers that have their own linen and need a commercial laundry service.

The reporting boundaries of our GHG inventory encompasses our facilities at 99 Rupert Street, Collingwood, VIC 3066, and scope 1, 2 and relevant scope 3 GHG emissions associated with energy use, water use, chemicals, linen products, staff commute, administrative activities, professional services used, as well as waste disposed to landfill and recovery for recycling.

Our GHG inventory quantifies carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O), and hydrofluorocarbon (HFC) emissions measured in tonnes CO₂ equivalent (CO₂-e).

We are not aware of any relevant sources of perfluorocarbons (PFCs), sulphur hexafluoride (SF₆), or nitrogen trifluoride (NF₃) within our operational boundary.

3. EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation emissions boundary.

Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

Quantified emissions have been assessed as relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

Non-quantified emissions have been assessed as relevant and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

Outside the emissions boundary

Excluded emissions are those that have been assessed as not relevant to an organisation's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.

Inside emissions boundary

Quantified

Stationary energy
Land transport
Staff commute
Electricity
Water and wastewater
Waste disposed to landfill and recovered for recycling
Laundry chemicals
Professional services
IT-related services and IT equipment purchased
Office supplies, printing and stationery
Linen products
Cleaning chemicals and services
ICT Services
Waste
Transport (Air)
Accommodation
Postage, courier and freight

Non-quantified

Refrigerants

Outside emission boundary

Excluded

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Snowflake Laundry commits to reducing all emissions by 40% by 2028 as compared with FY21/22, and by 50% by 2030 as compared with FY21/22.

This will be achieved via the following initiatives:

- Rinse-water recycling, reducing water consumption by 20-40% to be implemented by q3 2024
- EV Van distribution powered by GreenPower.
- Focus on a more localized customer base, with more efficient distribution, resulting in lower fuel consumption.
- 2023 saw significant production growth within our customer base which is expected to remain steady in forward projections.

Emissions reduction actions

Our wastewater heat recovery system has been installed and commissioned. Unfortunately, the wastewater heat recovery system has not performed as well as expected, and further investigations are underway to find other means of reducing emissions.

5. EMISSIONS SUMMARY

Emissions over time

		Emissions since base year	
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)
Base year:	2020-21	292.5	307.4
Year 1:	2020-21	292.5	307.4
Year 2:	2021-22	393.5	413.7
Year 3:	2022-23	507	533

Significant changes in emissions

Emission source name	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Detailed reason for change
Electricity (location-based method, scope 2)	57.22	70.35	Growth in customer base and workload demands, including working during late shifts where there is no solar generation
Natural Gas VIC (metro) (GJ)	187.35	241.10	Growth in customer based and workload demands. This growth was less than electricity due to the implementation of a wastewater heat recovery system.

Use of Climate Active carbon neutral products, services, buildings or precincts

Certified brand name	Product/Service/Building/Precinct used
NA	

Emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a location-based approach.

Emission category	Sum of Scope 1 (t CO ₂ -e)	Sum of Scope 2 (t CO ₂ -e)	Sum of Scope 3 (t CO ₂ -e)	Sum of Total Emissions (t CO ₂ -e)
Accommodation	0.00	0.00	0.00	0.00
Cleaning and chemicals	0.00	0.00	15.29	15.29
Electricity	0.00	70.35	5.79	76.14
ICT services and equipment	0.00	0.00	3.42	3.42
Machinery and vehicles	0.00	0.00	15.76	15.76
Products	0.00	0.00	47.97	47.97
Professional services	0.00	0.00	2.74	2.74
Postage, courier and freight	0.00	0.00	0.00	0.00
Stationary energy (gaseous fuels)	223.73	0.00	17.37	241.10
Transport (air)	0.00	0.00	0.00	0.00
Transport (land and sea)	39.14	0.00	13.28	52.42
Waste	0.00	0.00	20.80	20.80
Water	0.00	0.00	30.99	30.99
Office equipment and supplies	0.00	0.00	0.46	0.46
Total	262.87	70.35	173.86	507.08

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions that cannot be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	tCO ₂ -e
Climate Active mandatory 5% small organisation pathway to account for immaterial items (refrigerants, cleaning chemicals and services)	25.35
Total of all uplift factors	
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	532.4

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 533 tCO₂-e. The total number of eligible offsets used in this report is 535. Of the total eligible offsets used, 0 were previously banked and 535 were newly purchased and retired. 0 are remaining and have been banked for future use.

Co-benefits

We have chosen 2 biodiversity projects and a renewable energy project, benefiting the natural world and the communities that inhabit them.

Eligible offsets retirement summary

Offsets retired for Climate Active carbon neutral certification											
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity retired (tCO ₂ -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Betulia Hydroelectric project	VER	Gold Standard	29/2/2024	GS1-1-HN-GS1367-14-2017-6869-10353-10357	2017		5	0	0	5	1%
300 MW Solar PV Plant at Bhadla, Rajasthan	VER	Gold Standard	29/2/2024	GS1-1-IN-GS7726-2-2021-25482-27542-27771	2021		230	0	0	230	43%
Ceará Renewable Energy Bundled Project	VER	Gold Standard	29/2/2024	GS1-1-BR-GS1042-8-2017-24220-15729-16028	2017		300	0	0	300	46%
Total eligible offsets retired and used for this report										535	
Total eligible offsets retired this report and banked for use in future reports									535		
Type of offset units		Eligible quantity (used for this reporting period)					Percentage of total				
Verified Emissions Reductions (VERs)		535					100%				

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

NA

APPENDIX A: ADDITIONAL INFORMATION

NA

APPENDIX B: ELECTRICITY SUMMARY

There are two international best-practice methods for calculating electricity emissions – the location-based method and the market-based method. Reporting electricity emissions under both methods is called dual reporting.

Dual reporting of electricity emissions is useful, as it provides different perspectives of the emissions associated with a business's electricity usage.

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.

For this certification, electricity emissions have been set by using the location-based approach.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kg CO ₂ -e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	14,164	0	15%
Total non-grid electricity	14,164	0	15%
LGC Purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	0	0	0%
Climate Active precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	0	0	0%
Precinct/Building jurisdictional renewables (LGCs surrendered)	0	0	0%
Electricity products (voluntary renewables)	0	0	0%
Electricity products (LRET)	0	0	0%
Electricity products jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	15,560	0	16%
Residual Electricity	67,205	64,181	0%
Total renewable electricity (grid + non grid)	29,724	0	31%
Total grid electricity	82,765	64,181	16%
Total electricity (grid + non grid)	96,929	64,181	31%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	67,205	64,181	
Scope 2	59,350	56,679	
Scope 3 (includes T&D emissions from consumption under operational control)	7,855	7,502	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	30.67%
Mandatory	16.05%
Voluntary	0.00%
Behind the meter	14.61%
Residual scope 2 emissions (t CO₂-e)	56.68
Residual scope 3 emissions (t CO₂-e)	7.50
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	56.68
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	7.50
Total emissions liability (t CO₂-e)	64.18

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location Based Approach Summary						
Location Based Approach	Activity Data (kWh) total	Under operational control			Not under operational control	
Percentage of grid electricity consumption under operational control	100%	(kWh)	Scope 2 Emissions (kg CO ₂ -e)	Scope 3 Emissions (kg CO ₂ -e)	(kWh)	Scope 3 Emissions (kg CO ₂ -e)
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	82,765	82,765	70,350	5,794	0	0
QLD	0	0	0	0	0	0
NT	0	0	0	0	0	0
WA	0	0	0	0	0	0
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	82,765	82,765	70,350	5,794	0	0
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	14,164	14,164	0	0		
QLD	0	0	0	0		
NT	0	0	0	0		
WA	0	0	0	0		
TAS	0	0	0	0		
Non-grid electricity (behind the meter)	14,164	14,164	0	0		
Total electricity (grid + non grid)	96,929					

Residual scope 2 emissions (t CO ₂ -e)	70.35
Residual scope 3 emissions (t CO ₂ -e)	5.79
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	70.35
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	5.79
Total emissions liability (t CO₂-e)	76.14

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following emissions sources have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

Relevant non-quantified emission sources	Justification reason
Refrigerants	Immaterial

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to this organisation's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the electricity, stationary energy and fuel emissions.
2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.
3. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.
5. **Outsourcing** The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
N/a						



An Australian Government Initiative

