



PUBLIC DISCLOSURE STATEMENT

DAHMS TECHNIK PTY LTD

**ORGANISATION CERTIFICATION
CY2020**

Australian Government
Climate Active
Public Disclosure Statement



REPORTING PERIOD: 1 Jan 2020 – 31 December 2020

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.

Signature

Date

20 April 2022

Name of Signatory

Matthew Dahms

Position of Signatory

Director and Principal Engineer



Australian Government
Department of Industry, Science,
Energy and Resources

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Version number February 2021

1. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the calendar year from 1 January 2020 to 31 December 2020 and covers the Australian business operations of Dahms Technik Pty Ltd, Trading as Dahms Technik ABN: 28 635 591 598

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007. This includes the following facility

- Unit 3, 22-24 Strathwyn St, Brendale QLD 4500

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

“Dahms Technik is committed to being a carbon neutral company from our very first year, and we’re proud to support Greenfleet’s important reforestation and biodiversity work”

Organisation description

Dahms Technik is a family-owned engineering design and professional services company delivering leading expertise in industrial machines. Our service offerings cover the entire machine life cycle from design, procurement, commissioning, handover and training, to refurbishment and decommissioning.

2. EMISSION BOUNDARY

Diagram of the certification boundary

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



Non-quantified sources

Refrigerant emissions are immaterial for this organisation.

Data management plan

NA

Excluded sources (outside of certification boundary)

NA

Please note that there are no emissions from the other mandatory emissions sources deemed relevant for small organization applications.

“Dahms Technik is committed to being a carbon neutral company from our very first year, and we’re proud to support Greenfleet’s important reforestation and biodiversity work”

3. EMISSIONS SUMMARY

Emissions reduction strategy

Dahms Technik is committed to developing an emissions reductions strategy over the next two years. This strategy will focus on key emissions sources for the organisation, including electricity and a review of third party services.

Emissions summary (inventory)

Table 1

Emission source category	tonnes CO ₂ -e
Accommodation and facilities	2.39
Air transport (km)	3.63
Electricity	1.49
ICT Services and equipment	8.25
Land and Sea Transport (fuel)	1.61
Land and Sea Transport (km)	0.27
Products	0.37
Waste	1.01
Water	0.02
<i>Total Net Emissions</i>	18.69

Uplift factors

Table 2

Reason for uplift factor	tonnes CO ₂ -e
Small Organisation	0.935
<i>Total footprint to offset (uplift factors + net emissions)</i>	19.626

Carbon neutral products

This assessment and Climate Active submission was prepared with the assistance of [Pangolin Associates](#) and these services are also carbon neutral.

Electricity summary

Electricity was calculated using a market-based approach.

Market-based approach summary

Table 3

Market-based approach	Activity Data (kWh)	Emissions (kgCO ₂ -e)	Renewable %
Behind the meter consumption of electricity generated	0	0	0%
Total non-grid electricity	0	0	0%
LGC Purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables	0	0	0%
Residual Electricity	1382	1490	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	331	0	19%
Total grid electricity	1,713	1,490	19%
Total Electricity Consumed (grid + non grid)	1,280,000	701,303	19%
Electricity renewables	331	0	
Residual Electricity	1,382	1,490	
Exported on-site generated electricity	0	0	
Emission Footprint (kgCO ₂ -e)		1,490	

Emission Footprint (tCO₂-e)	1
LRET renewables	19.31%
Voluntary Renewable Electricity	0.00%
Total renewables	19.31%

Location-based approach summary
Table 4

Location-based approach	Activity Data (kWh)	Emissions (kgCO ₂ e)
ACT	0	0
NSW	0	0
SA	0	0
Vic	0	0
Qld	1,713	1,593
NT	0	0
WA	0	0
Tas	0	0
Grid electricity (scope 2 and 3)	1,713	1,593
ACT	0	0
NSW	0	0
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Non-grid electricity (Behind the meter)	0	0
Total Electricity Consumed	1,713	1,593
Emission Footprint (tCO₂-e)	2	

4. CARBON OFFSETS

Offsets strategy

Table 5

Offset purchasing strategy:	
In arrears	
1. Total offsets previously forward purchased and banked for this report	0
2. Total emissions liability to offset for this report	20
3. Net offset balance for this reporting period	20
4. Total offsets to be forward purchased to offset the next reporting period	0
5. Total offsets required for this report	20

Co-benefits

150 MW grid connected Wind Power based electricity generation project in Gujarat, India.

The main purpose of the project is to generate renewable electricity using wind power and feed the generated output to the local grid in Gujarat, contributing to climate change mitigation efforts. In addition to the generation of renewable energy-based electricity, the project has also been conceived to enhance the propagation of commercialisation of wind power generation in the region and to contribute to the sustainable development of the region, socially, environmentally and economically. The proposed project activity leads to alleviation of poverty by establishing direct and indirect employment benefits accruing out of infrastructure development of wind farms, installation work, operation and management of wind farm, providing daily needs, etc. The infrastructure in and around the project area will also improve due to project activity. This includes development of road network and improvement of electricity quality, frequency and availability as the electricity is fed into a deficit grid. The generated electricity is fed into the Western regional Grid through local grid, thereby improving the grid frequency and availability of electricity to the local consumers (villagers & sub-urban habitants) which will provide new opportunities for industries and economic activities to be setup in the area thereby resulting in greater local employment, ultimately leading to overall development.

Offsets summary

Proof of cancellation of offset units

Table 6

Offsets cancelled for Climate Active Carbon Neutral Certification										
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible Quantity (tCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
150 MW grid connected Wind Power based electricity generation project in Gujarat, India.	VCUs	Verra	10 Dec 2020	9088-67158935-67158954-VCS-VCU-1491-VER-IN-1-292-18062016-31122016-0	2016	20	0	0	20	100%
Total offsets retired this report and used in this report									20	
Total offsets retired this report and banked for future reports									0	

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Verified Carbon Units (VCUs)	20	100

5. USE OF TRADE MARK

Table 7

Description where trademark used	Logo type
Website	Certified Organisation

6. ADDITIONAL INFORMATION

Dahms Technik also purchased an additional 20 tonnes of biodiversity offsets through Greenfleet. Greenfleet is a leading Australian not-for-profit environmental organisation on a mission to protect our climate by restoring forests. Greenfleet forests address critical deforestation, restore habitat for wildlife including many endangered species, capture carbon emissions to protect our climate, reduce soil erosion, improve water quality, and economically support local and indigenous communities.



This is to certify

Dahms Technik

offset 20.00 tonnes of CO₂-e with Greenfleet.

Your support will help us restore native forests and ecosystems, which provide crucial habitat for endangered wildlife, help counter the devastating impact of the bushfires, and reduce the impacts of climate change.

Greenfleet will plant enough biodiverse native trees on your behalf to offset these emissions.

Thank you for helping us grow our forests and grow climate hope.

Wayne Wescott | Greenfleet CEO

15/06/2020

APPENDIX 1

Excluded emissions

To be deemed relevant an emission must meet two of the five relevance criteria. Excluded emissions are detailed below against each of the five criteria.

Table 9

Relevance test					
Excluded emission sources	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>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.</i>

N/A

Please note that there are no emissions from the other mandatory emissions sources deemed relevant for small organization applications.

APPENDIX 2

Non-quantified emissions for organisations

Table 10

Non-quantification test				
Relevant-non-quantified emission sources	<i>Immaterial <1% for individual items and no more than 5% collectively</i>	<i>Quantification is not cost effective relative to the size of the emission but uplift applied.</i>	<i>Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.</i>	<i>Initial emissions non-quantified but repairs and replacements quantified</i>
Refrigerants	Yes	No	No	No



An Australian Government Initiative

