



PUBLIC DISCLOSURE STATEMENT

FUSION HVAC AUSTRALIA PTY LTD

**ORGANISATION CERTIFICATION
FY2024–25**

Australian Government

Climate Active Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Fusion HVAC Australia Pty Limited
REPORTING PERIOD	1 July 2024 – 30 June 2025
DECLARATION	<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> Sign here  Name: Mark Mackerras Position: Chief Financial Officer Date: 18 August 2026



Australian Government

Department of Climate Change, Energy,
the Environment and Water

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Version 10.



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	377 tCO2-e
CARBON OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	60.61%
CARBON ACCOUNT	Prepared by: Fergus Mactaggart - BSE ESD Pty Ltd In collaboration with Lisa Davis and Kerry Puglia - Fusion HVAC
TECHNICAL ASSESSMENT	Date: 03/08/2024 Simon Johnston - My Green Business Pty Ltd - Next technical assessment due: FY 2025-26

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2. CERTIFICATION INFORMATION

Description of organisation certification

This carbon neutral certification applies to the Australian business operations of Fusion HVAC Pty Ltd (ABN: 46 130 044 192) and Fusion HVAC Australia Pty Ltd (ABN: 46 154 470 649) for the financial year from 1 July 2024 to 30 June 2025. It focuses exclusively on activities within Australia. International operations and manufacturing processes are managed by separate entities and are not included in this certification.

The certification follows the operational control approach, covering the organisation's activities in accordance with the National Greenhouse and Energy Reporting Act 2007. The operational boundary was rigorously determined using the operational control test.

This report provides an overview of Fusion HVAC's greenhouse gas (GHG) reduction strategy and a detailed description of the GHG emission boundaries.

Organisation description

Founded in Australia, we at Fusion HVAC are a leading mechanical HVAC company specialising in innovative, energy-efficient solutions. We focus on pioneering VAV packaged rooftop ductless air distribution technologies, including our multi-patented VPAC System, which is designed for optimal diffusion.

We handle the design, installation, monitoring, maintenance, controls, BMS development, analytics, and replacement of our HVAC units. Our operational boundary has been meticulously defined using the operational control test, ensuring that only activities under our direct control are included in our carbon inventory.

Fusion HVAC's unit manufacturing is managed by a separate business entity, over which Fusion HVAC does not have operational control. Additionally, the international entities in New Zealand and Germany operate independently, with their own management, accounting, and reporting systems, also outside Fusion HVAC's direct operational control.

That said, Fusion HVAC is committed to using this Climate Active certification as an opportunity to positively influence these international operations. Our long-term goal is for New Zealand and Germany being the next targets for completing their own reporting, ensuring that their carbon inventories are handled appropriately.

Our Head Office is located at Level 1, 281 Montague Rd, West End QLD 4101.

The following subsidiaries are also included within this certification:

Legal entity name	ABN
Fusion HVAC Pty Ltd	46 130 044 192
Fusion HVAC Australia Pty Ltd	46 154 470 649
KAIP Pty Ltd	78 133 289 282

3.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 Fusion HVACs 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		Outside emission boundary
<u>Quantified</u>	<u>Non-quantified</u>	<u>Excluded</u>
Accommodation and Facilities	None	Emissions from Third-Party Manufacturers
Cleaning and chemicals		Emissions from the use or installation of our products by third-party companies.
Carbon neutral products and services		
Electricity		
Food		
ICT services and equipment		
Machinery and Vehicles		
Office equipment and supplies		
Postage, courier and freight		
Products		
Professional Services		
Refrigerants		
Stationary energy and fuels		
Transport (air)		
Transport (land and sea)		
Waste		
Water		
Working from home		

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Fusion HVAC Australia commits to the following emission reduction targets:

- Reduce measured scope 1, 2 and 3 emissions by 25% by 2028, from our 2023 base year.
- Reduce measured scope 1, 2 and 3 emissions by 50% by 2035, from our 2023 base.
- Source 100% renewable electricity by 2050.
- Reduce measured scope 1, 2 and 3 emissions by 85% by 2050, from our 2023 base year.

Note: Scope 1, 2 and 3 emissions from our 2023 base year [325.1 t CO₂-e].

As per the base year and previous PDS, Fusion HVAC Australia commits to the following emission reduction actions:

Fusion HVAC Australia will undertake the following (non-exclusive list of) activities in order to achieve our emission reduction commitment:

1. Renewable Energy Adoption

Implementation of a 28kW PV system by REA Solar, with a dashboard for real-time monitoring. This is estimated to offset 60-70% of our energy usage.

Achievement Date: FY24-25

Successfully implemented, resulting in a -58.7% reduction in Scope 2 emissions and a -61.5% reduction in Scope 3 electricity-related emissions. Equating to a total emission reduction in 22.45 tonnes of CO₂-e.

2. Carbon Neutral Travel and Accommodation

Transition to carbon-neutral flights and accommodation for all business-related travel.

Achievement Date: Ongoing from 2026

3. Carbon Neutral Partnerships

Transition to taking preference to working with carbon-neutral insurance providers and professional services.

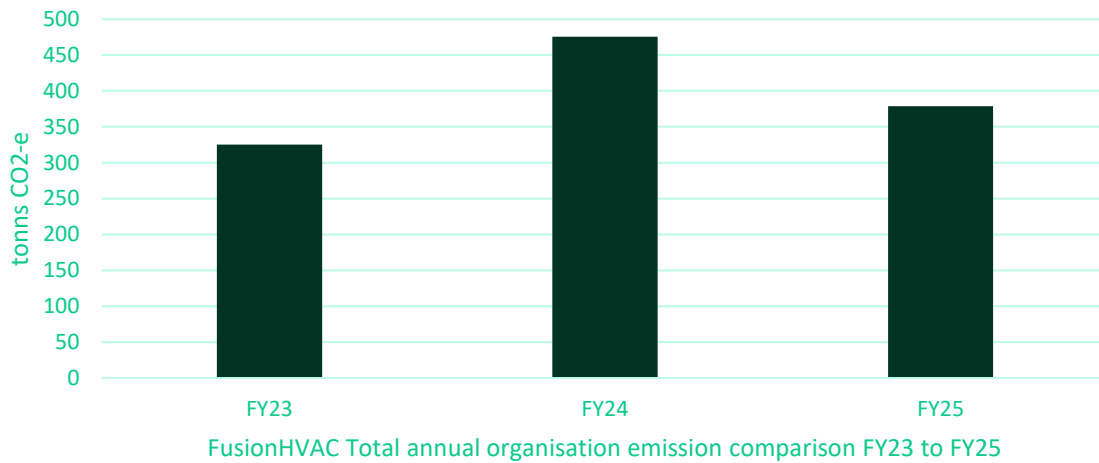
Achievement Date: Ongoing from 2030

5.EMISSIONS SUMMARY

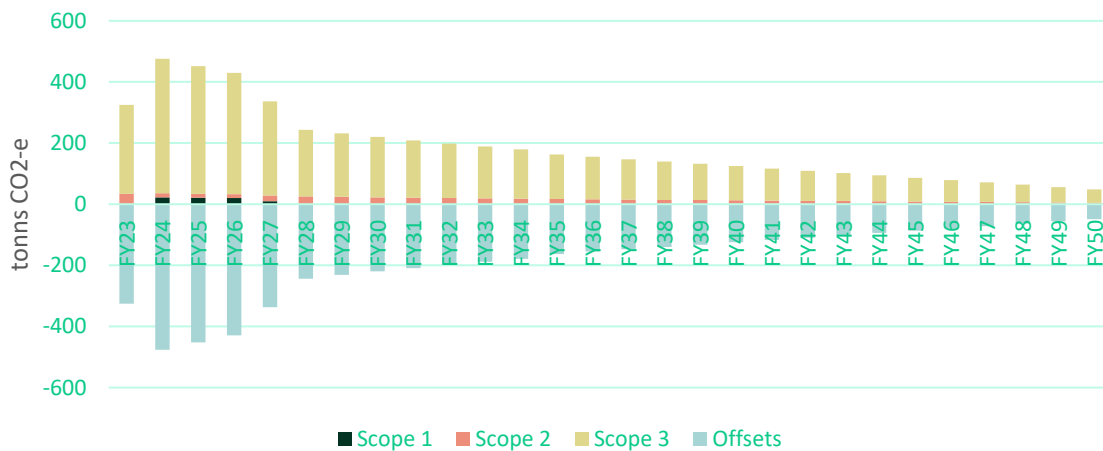
Emissions over time

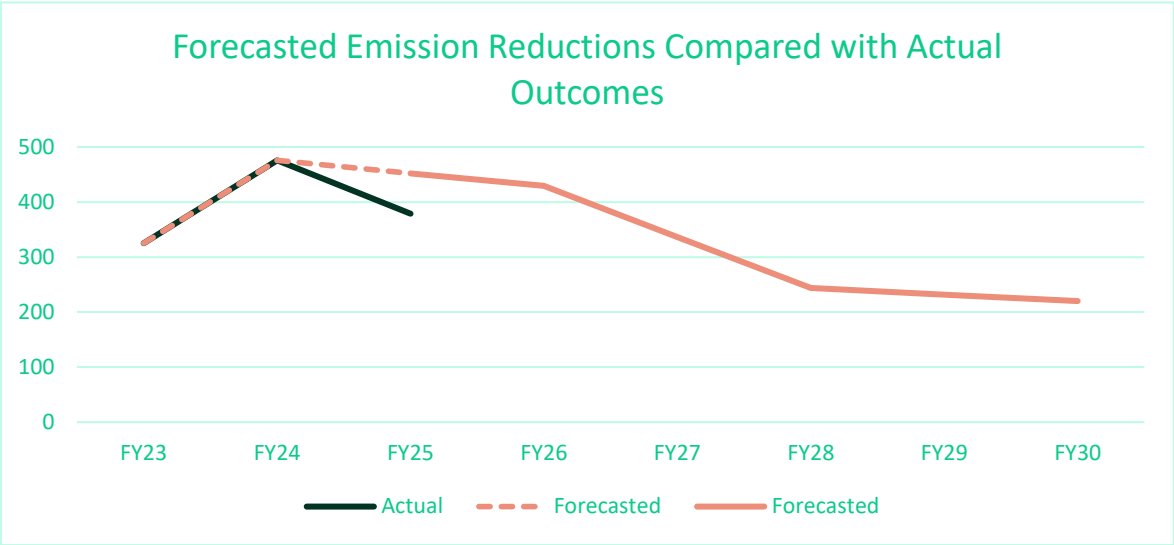
Emissions since base year			
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)
Base year/Year 1:	2022-2023	326	N/A
Year 2:	2023-2024	476	N/A
Year 3:	2024-2025	377	N/A

FY Emissions Comparisons



FusionHVAC Net Zero Emission Roadmap





Fusion HVAC's high-level pathway to net-zero emissions illustrates a steady reduction in Scope 1, Scope 2, and Scope 3 emissions through targeted mitigation efforts, aimed at achieving significant reductions in accordance with the set key milestone targets and strategy noted above.

Significant changes in emissions

Significant changes in emissions			
Emission source	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Reason for change
Long business class flights (>3,700km)	0	49.73	The Company has implemented a data capturing process to allow for KM's and class travelled to be reported vs dollar values, providing a more accurate Co2 emissions calculation. In addition to this, there has been an increase in international travel due to expanding business opportunities.
Qantas & Flight Centre International & Domestic Travel	0	53.31	The company has shifted to using supplier-verified emission data when available. This provides a more accurate representation of actual emissions and results in a change exceeding 10% compared with last year's inventory. This change reflects improved data quality rather than a material operational shift.
BP Fuel Emissions - Vehicle Fuel	0	48.88	The company has shifted to using supplier-verified emission data when available. This provides a more accurate representation of actual emissions and results in a change exceeding 10% compared with last year's inventory. This change reflects improved data quality rather than a material operational shift.

Key Factors Contributing to Emissions Changes

Our total annual carbon footprint has reduced by 20.8% from the previous year (FY24), and increased by 15.9% from the base year (FY23). This is primarily due to significant business growth, as summarised in the FY24 certification. Which included a 70% increase in staff headcount, equating to an 80.4% increase in Full-Time Equivalent (FTE) when adjusted for work-from-home behaviour.

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

Certified brand name	Product/Service/Building/Precinct used
N/A	

Emissions summary

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

Emission category	Scope 1 emissions (tCO ₂ -e)	Scope 2 emissions (tCO ₂ -e)	Scope 3 emissions (tCO ₂ -e)	Total emissions (t CO ₂ -e)
Accommodation and facilities	0.00	0.00	4.43	4.43
Cleaning and chemicals	0.00	0.00	1.23	1.23
Construction materials and services	0.00	0.00	0.00	0.00
Electricity	0.00	14.84	2.02	16.85
Food	0.00	0.00	12.57	12.57
Horticulture and agriculture	0.00	0.00	0.00	0.00
ICT services and equipment	0.00	0.00	6.75	6.75
Machinery and vehicles	0.00	0.00	18.17	18.17
Office equipment and supplies	0.00	0.00	3.52	3.52
Postage, courier and freight	0.00	0.00	0.23	0.23
Products	0.00	0.00	1.23	1.23
Professional services	0.00	0.00	69.31	69.31
Refrigerants	0.00	0.00	0.00	0.00
Roads and landscape	0.00	0.00	0.00	0.00
Stationary energy (gaseous fuels)	0.00	0.00	0.00	0.00
Stationary energy (liquid fuels)	0.00	0.00	0.00	0.00
Stationary energy (solid fuels)	0.00	0.00	0.00	0.00
Transport (air)	0.00	0.00	129.70	129.70
Transport (land and sea)	48.88	0.00	48.10	96.98
Waste	0.00	0.00	14.38	14.38
Water	0.00	0.00	0.14	0.14
Working from home	0.00	0.00	1.28	1.28
Grand Total	48.88	14.84	313.04	376.76

Uplift factors

N/A

6. CARBON OFFSETS

Eligible offsets retirement summary

Offsets retired for Climate Active certification

Type of offset unit	Quantity used for this reporting period	Percentage of total units used
Verified Carbon Units (VCUs)	377	100%

Project name	Type of offset unit	Registry	Date retired	Serial number	Vintage	Total quantity retired	Quantity used in previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period	Percentage of total used this reporting period
The Mai Ndombe REDD+ Project	VCU	Verra	16 th December 2025	12788-443899442-443899810-VCS-VCU-259-VER-CD-14-934-01012018-31122018-1	2018	369	0	0	369	97.36%
Vishnuprayag Hydro-electric Project (VHEP) by Jaiprakash Power Ventures Ltd.(JPVL)	VCU	Verra	4 th August 2026	10787-247699512-247699522-VCS-VCU-259-VER-IN-1-173-01012015-31122015-0	2015	11	0	3	8	2.64%
Offset Totals:							0	3	377	100.00%

Co-benefits

The carbon offsets for this reporting period are sourced from the Mai Ndombe REDD+ Project in the Democratic Republic of Congo, reflecting our strategic support for initiatives that deliver holistic environmental, social and economic outcomes alongside robust emissions reductions. The project aligns with international sustainability objectives and delivers measurable co-benefits across multiple key areas:

Social Wellbeing

- **Employment Creation:** The project has created sustainable job opportunities for local community members, with over 300 local positions established across activities such as forest protection, monitoring and community engagement. Many eco-guardians were previously engaged in activities like poaching and now work to protect biodiversity.
- **Health Outcomes:** Revenues from carbon financing have been invested in critical healthcare infrastructure, including mobile health clinics and a newly established hospital, improving access to medical services in remote areas.
- **Clean Water and Sanitation:** The project has supported the drilling of solar-powered sustainable clean water wells, expanding reliable access to safe drinking water for local communities.
- **Education and Skills Development:** Funds are used to build and renovate schools, cover teacher salaries and support student uniforms and exam fees, with plans for dozens of additional schools.

Economic Wellbeing

- **Local Economic Growth:** By embedding community self-governance and sustainable job creation at the core of its strategy, the project channels carbon finance into community-driven economic initiatives, strengthening local enterprises and resilience.
- **Diversified Livelihoods:** Investments in sustainable agriculture, such as improved cassava strains and fish pond construction, help strengthen food security and create alternative income streams.
- **Revenue from Offsets:** The project's verified emissions reductions generate voluntary carbon credits which support long-term funding for ongoing community and conservation activities.

Environmental Wellbeing

- **Reduction in Greenhouse Gas Emissions:** The Mai Ndombe REDD+ Project prevents deforestation and forest degradation across approximately 300,000 hectares of tropical rainforest and wetlands, avoiding millions of tonnes of CO₂ emissions annually.
- **Biodiversity Conservation:** Protecting key habitats supports endangered species such as bonobos and forest elephants, and maintains one of the world's most important carbon-rich ecosystems in the Congo Basin.
- **Natural Resource Protection:** By preventing logging and unsustainable land conversion, the project conserves water resources, soil health and complex forest ecosystems that underpin regional climate resilience.

Education and Capacity Building

- **Community-Led Governance:** Local Development Committees and carbon committees guide project decisions, ensuring activities reflect community priorities and strengthen local leadership capacity.
- **Awareness and Technical Training:** Through demonstration gardens, agroforestry training and conservation farming, community members gain knowledge to manage land resources sustainably.

Broader Sustainable Development Contributions

- **Support for UN Sustainable Development Goals:** The project contributes to multiple SDGs including good health and wellbeing, quality education, decent work and economic growth, and life on land.

The Mai Ndombe REDD+ Project exemplifies how carbon finance can be used as a catalyst for sustainable development that benefits both people and planet.

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

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 **Market-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 renewable electricity generated	24,112	0	52%
Total non-grid renewable electricity	24,112	0	52%
LGC purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	0	0	0%
Climate Active certified - Precinct/Building (voluntary renewables)	0	0	0%
Climate Active certified - Precinct/Building (LRET)	0	0	0%
Climate Active certified - Precinct/Building jurisdictional renewables (LGCs surrendered)	0	0	0%
Climate Active certified - Electricity products (voluntary renewables)	0	0	0%
Climate Active certified - Electricity products (LRET)	0	0	0%
Climate Active certified - 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)	4,075	0	9%
Residual electricity	18,320	16,855	0%
Total renewable electricity (grid + non grid)	28,187	0	61%
Total grid electricity	22,395	16,855	9%
Total electricity (grid + non grid)	46,507	16,855	61%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	18,320	16,855	
Scope 2	16,130	14,839	
Scope 3 (includes T&D emissions from consumption under operational control)	2,190	2,015	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	
Total renewables (grid and non-grid)			60.61%
Mandatory			8.76%
Voluntary			0.00%
Behind the meter			51.85%
Residual scope 2 emissions (t CO₂-e)			14.84
Residual scope 3 emissions (t CO₂-e)			2.02
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)			14.84
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)			2.02
Total emissions liability (t CO₂-e)			16.85
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	0	0	0	0	0	0
QLD	22,395	22,395	15,900	2,239	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)	22,395	22,395	15,900	2,239	0	0
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	0	0		
QLD	24,112	24,112	0	0		
NT	0	0	0	0		
WA	0	0	0	0		
TAS	0	0	0	0		
Non-grid electricity (behind the meter)	24,112	24,112	0	0		
Total electricity (grid + non grid)	46,507					

Residual scope 2 emissions (t CO ₂ -e)	15.90
Residual scope 3 emissions (t CO ₂ -e)	2.24
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	15.90
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	2.24
Total emissions liability	18.14

Operations in Climate Active buildings and precincts

Operations in Climate Active buildings and precincts	Electricity consumed in Climate Active certified building/precinct (kWh)	Emissions (kg CO ₂ -e)
N/A	0	0
Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their building or precinct certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the building/precinct under the market-based method is outlined as such in the market-based summary table.		

Climate Active carbon neutral electricity products

Climate Active carbon neutral electricity product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO ₂ -e)
N/A	0	0
Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their electricity product certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the electricity product under the market-based method is outlined as such in the market-based summary table.		

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

No non-quantified emission sources have been captured within the emissions boundary.

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 organisation's 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.

Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Emissions from the use or installation of our products by third-party companies.	Y	N	N	N	N	Size: The emissions source is likely to be large compared to the total emissions from electricity, stationary energy and fuel emissions. Influence: Due to the nature of our organisation, we do not have the potential to influence the emissions from this source. Risk: There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest. Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business. Outsourcing: We have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.
Emissions from Third-Party Manufacturers	Y	N	N	N	N	Size: The emissions source may be large compared to the total emissions from electricity, stationary energy and fuel emissions. Influence: The emissions from companies that manufacture parts or components for the Fusion HVAC system are outside the direct control of Fusion HVAC and are linked to the operations of third-party suppliers, not the HVAC system itself. Risk: There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest. Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business. Outsourcing: We have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.



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