

PUBLIC DISCLOSURE STATEMENT

LUCID CONSULTING GROUP PTY LTD

ORGANISATION CERTIFICATION FY2023–24

Climate Active Public Disclosure Statement







NAME OF CERTIFIED ENTITY	Lucid Consulting Group Pty Ltd
REPORTING PERIOD	Financial year 1 July 2023 – 30 June 2024 Arrears report
DECLARATION	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.
	Jordan McPeake Energy and Sustainability Leader 18 June 2025



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Version 9.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	833 tCO ₂ -e
CARBON OFFSETS USED	2.5% VCUs, 19% ACCUs, 81% VERs
RENEWABLE ELECTRICITY	42%
CARBON ACCOUNT	Prepared by: Lucid Consulting Australia
TECHNICAL ASSESSMENT	05/09/2023 Jordan McPeake Lucid Consulting Australia Pty Ltd Next technical assessment due: FY 2026

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2. CERTIFICATION INFORMATION

Description of organisation certification

Lucid Consulting Group Pty Ltd, trading as Lucid Consulting Australia, ABN 83 617 410 483, certifies as an organisation for their Australian business operations across their offices in Adelaide, Brisbane, Sydney, Melbourne, Canberra, Perth, Darwin and Alice Springs.

This Public Disclosure Statement includes information for FY2023-24 reporting period.

Organisation description

Founded in 2000, Lucid Consulting is the largest employee-owned and Australian-owned engineering consultancy to operate in all mainland regions of Australia. Our team consists of over 270 professionals with offices based in Adelaide, Darwin, Melbourne, Perth, Canberra, Sydney, Brisbane, and Alice Springs.

We specialise in engineering and advisory services including asset management, building services engineering, energy and sustainability, fire engineering, infrastructure, industrial power, and project management. We pride ourselves on being a relationships driven business working closely with clients from a wide range of industries and sectors.

OUR VISION

To be Australia's most forward thinking, agile and influential engineers and asset advisors. Engineering a better way for a better world.

OUR MISSION

- 1.Imagining and creating environments for our People to realise their potential.
- 2. Applying thoughtful, comprehensive business consulting and technology skills that align with our Clients' purpose.
- 3.Operating a Business that naturally seeks to explore and invest in delivering a sustainable future. National business entity is LUCID CONSULTING GROUP PTY LTD (ABN 83 617 410 483) trading as Lucid Consulting Australia. Each region (state and territory) has an office/s trading as a child company with an individual ABN.

The following subsidiaries are also included within this certification:

Legal entity name	ABN	ACN
LUCID CONSULTING ENGINEERS (ACT) PTY LTD	83 621 974 034	
LUCID CONSULTING ENGINEERS (NSW) PTY LTD	66 159 052 472	
LUCID CONSULTING ENGINEERS (NT) PTY LTD	73 151 806 227	
LUCID CONSULTING ENGINEERS (QLD) PTY LTD	43 621 954 425	
LUCID CONSULTING ENGINEERS (SA) PTY LTD	63 607 457 572	
LUCID CONSULTING ENGINEERS (VIC) PTY LTD	87 151 806 290	
LUCID CONSULTING ENGINEERS (WA) PTY LTD	55159 052 865	
LUCID PROJECTS (AUSTRALIA) PTY LTD	57 154 520 028	

We have taken an operational control approach to the development of our carbon inventory. Under this approach, we have excluded emissions sources such as from our investments and the emissions associated with the construction and operation of our clients' projects.

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 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

- Electricity Tenancy and Base Building
- Gas Tenancy and Base Building
- Air Travel
- Business Accommodation
- Business Travel in Private Vehicles
- Taxi and Ride Share
- Food and Catering -Client Events
- IT Equipment
- Office Supplies
 Including Stationary
- Office Food Consumption
- Courier Services and Postage
- Water Supply
- Paper and Printing
- Staff Commute to Work
- Working From Home
- TelecommunicationsCleaning Services
- Office Furniture

Non-quantified

Waste

Optionally included

Not Applicable.

Outside emission boundary

Excluded

- Professional Services
- Investments
- Emissions from client projects
- Refrigerants

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

Lucid Consulting is committed to reducing emissions and acting as a leader for the industries and communities in which we operate. We are committed to reducing overall emissions by 50% by 2030 and 75% within 20 years, from the baseline of our FY2022-23 emissions total.

STRATEGY PILLARS

The key pillars of our strategy supporting our commitment are as follows:

Lean - Eliminate

Where possible, eliminate emissions sources from the emissions inventory. This may include changes in behaviour or systems to remove the need for emissions sources.

Clean - Improved Efficiency

Where emissions sources can't be eliminated, consider opportunities to reduce emissions intensity. This may include substitution, optimization, and improve control of emissions sources.

Seen - Measure and Monitor

Implement improved monitoring to provide visibility to emissions. Where emissions are hard to abate, monitoring data may allow for improved abatement measures in future years through greater understanding. Where abatement actions are implemented, measuring and monitoring will allow for verification of performance and inform further actions as the reduction strategy is implemented over multiple years.

Emissions reduction actions

Actions have been defined through the application of strategies to each emissions category. Actions applicable to all emissions categories are included as general items. A summary of key actions is provided below, as relevant to:

- General
- Supplies, Services, and Equipment
- Energy and Resources
- Transport and Travel.

General

Action	Timing	Progress
Incorporate emissions performance into board reporting and quarterly shareholder reporting including offset liability.	2024	Currently provided in annual reporting through Climate Active certification. Reporting frequency to be improved.
Establish an emissions data custodian within Lucid Academy or the Energy and Sustainability Team.	2024	Complete.
Implement an education program for emissions reduction.	2024	Education program includes annual all-staff reporting of emissions performance and all staff training sessions for the Climate Active scheme.
Incorporate emissions data into line leader reporting. Automated emissions dashboard to be provided on LucidNet including Uber travel and Air Travel.	2025	Data capture and presentation methodology to be resolved.

Supplies, Services, and Equipment

Action	Timing	Progress
Implement follow-me printing and printing caps across all offices.	2026	Implemented ahead of schedule.
Follow-me printing data dashboard to be presented by state and provided on company intranet.	2026	In progress. Data capture and presentation procedures to be developed.

Energy and Resources

Action	Timing	Progress
All building owners of existing tenancies to be approached for the completion of an energy audit to improve performance.	2024	Partially complete. Energy audit and associated efficiency upgrades completed for the Lucid Adelaide office.
Provide energy data dashboard with per office breakdown on LucidNet.	2024	Data capture and presentation methodology to be resolved.
Procure 100% green power for tenancy electricity contracts.	2025	In progress. Approximately 20% of tenancy electricity supplied by Green Power.
Smart meters installed at each office.	2027	In progress. Smart meters provided to the majority of Lucid Offices.
All new tenancies to achieve a 5-Star NABERS rating or higher.	2028	Four of seven Lucid offices maintain a 5-Star NABERS energy rating or higher.
All new tenancies to be served by LED lighting.	2028	No new tenancies in reporting period.

Transport and Travel

Action	Timing	Progress
Provision of emissions information to be integrated into company travel approval process.	2024	Emissions information available for each flight booking through Corporate Traveler booking system.
Improve AV equipment across all offices to support high-quality online engagement.	2027	Future action.
Public transportation and carpooling to be encouraged for inspections and necessary meetings. To be incorporated into SWMS for inspections and meeting invitations.	2027	Future action.
Active travel to be encouraged for staff commute. Lucid to implement matched contribution for active travel equipment for employees who can demonstrate an average of 3 trips per week to work.	2028	Future action.
All Lucid tenancies to be supported by end- of-trip facilities.	2028	The majority of current Lucid offices are provided with end-of-trip facilities.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year				
Total tCO ₂ -e Total tCO ₂ -e (without uplift) (with uplift)				
Base year/Year 1:	2022-2023	919.02	928.21	
Year 2:	2023-2024	820.65	832.96	

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		
Electricity (market-based method, scope 2)	0.00	226.93	Utilized a market-based approach rather than a location-based approach to allow for purchase of LGCs.		
Short economy class flights (>400km, ≤3,700km)	284.97	222.23	Reduced requirement for site visits.		

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

N/A.

Emissions summary

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

	Sum of Scope 1 emissions (tCO2-e)	Sum of Scope 2 emissions (tCO2-e)	Sum of Scope 3 emissions (tCO2-e)	Sum of Total emissions (t CO2-e)
Accommodation and facilities	0.00	0.00	18.80	18.80
Cleaning and chemicals	0.00	0.00	9.16	9.16
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Construction materials and services	0.00	0.00	0.00	0.00
Electricity	0.00	226.93	28.02	254.95
Food	0.00	0.00	24.45	24.45
Horticulture and agriculture	0.00	0.00	0.00	0.00
ICT services and equipment	0.00	0.00	14.81	14.81
Machinery and vehicles	0.00	0.00	0.00	0.00
Office equipment and supplies	0.00	0.00	54.28	54.28
Postage, courier and freight	0.00	0.00	0.68	0.68
Products	0.00	0.00	0.00	0.00
Professional services	0.00	0.00	0.00	0.00
Refrigerants	0.00	0.00	0.00	0.00
Roads and landscape	0.00	0.00	0.00	0.00
Stationary energy (gaseous fuels)	13.33	0.00	2.10	15.43
Stationary energy (liquid fuels)	1.19	0.00	0.29	1.48
Stationary energy (solid fuels)	0.00	0.00	0.00	0.00
Transport (air)	0.00	0.00	241.60	241.60
Transport (land and sea)	0.00	0.00	163.79	163.79
Waste	0.00	0.00	0.00	0.00
Water	0.00	0.00	4.91	4.91
Working from home	0.00	0.00	16.30	16.30
Grand Total	14.52	226.93	579.20	820.65

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
Uplift to account for waste.	12.31
Total of all uplift factors (tCO ₂ -e)	12.31
Total emissions footprint to offset (tCO ₂ -e) (total emissions from summary table + total of all uplift factors)	833

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
Australian Carbon Credit Units (ACCUs)	160	19.21%
Verified Emissions Reductions (VERs)	652	78.27%
Verified Emission Reduction (VER)	21	2.52%

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
Cat Hiep Solar Power Project	VCU	Verra	8/11/2023	15796- 719628447- 719629156-VCS- VCU-264-VER- VN-1-1965- 01012021- 31122021-0	2020- 2022	710	689	0	21	2.52%
Lynwood Human-Induced Regeneration Project	ACCU	ANREU	14/11/2024	8,356,152,232 - 8,356,152,311	2022- 23	80	0	0	80	9.60%
Tiwi Islands Savanna Burning for Greenhouse Gas Abatement	ACCU	ANREU	14/11/2024	3,773,008,163 - 3,773,008,242	2018- 19	80	0	0	80	9.60%
Wind Power Project At Sea – No.5 Wind Power Plant Thanh Hai 1-4	VER	Gold Standard Impact Registry	4/11/2024	GS1-1-VN- GS10798-12- 2022-26251- 20856-21505	2022	650	0	0	650	78.03%
Hoa Binh 1 Wind Power Project	VER	Gold Standard Impact Registry	2/06/2025	GS1-1-VN- GS10794-12- 2022-27163- 20675-20774	2022	100	0	98	2	0.24%

7. 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)*

100

^{*} LGCs in this table only include those surrendered voluntarily (including through PPA arrangements) and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
Ythan Creek Hydro - VIC	VIC, Australia	LGC	REC Registry	08 Nov 2024	HYMCVC08	380-439	2023	Hydro	60
Ythan Creek Hydro - VIC	VIC, Australia	LGC	REC Registry	08 Nov 2024	HYMCVC08	321-360	2023	Hydro	40
					Total LG	Cs surrendered th	nis report and ເ	ısed in this report	100

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)	Emissi ons (kg CO ₂ -e)	Renewable percentage of total	
Behind the meter consumption of electricity generated	0	0	0%	
Total non-grid electricity	0	0	0%	
LGC Purchased and retired (kWh) (including PPAs)	100,000	0	21%	
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)	12,327	0	3%	
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	3,113	0	1%	
Large Scale Renewable Energy Target (applied to grid electricity only)	87,284	0	18%	
Residual Electricity	280,166	254,951	0%	
Total renewable electricity (grid + non grid)	202,724	0	42%	
Total grid electricity	482,890	254,951	42%	
Total electricity (grid + non grid)	482,890	254,951	42%	
Percentage of residual electricity consumption under operational control	100%			
Residual electricity consumption under operational control	280,166	254,951		
Scope 2	249,378	226,934		
Scope 3 (includes T&D emissions from consumption under operational control)	30,787	28,017		
Residual electricity consumption not under operational control	0	0		
Scope 3	0	0		

Total renewables (grid and non-grid)	41.98%
Mandatory	18.72%
Voluntary	23.26%
Behind the meter	0.00%
Residual scope 2 emissions (t CO ₂ -e)	226.93
Residual scope 3 emissions (t CO ₂ -e)	28.02
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	226.93
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	28.02
Total emissions liability (t CO₂-e)	254.95
Figures may not sum due to rounding. Renewable percentage can be above 100%	

Location-based approach summary								
Location-based approach	Activity Data (kWh) total	Unde	er operational	Not under operational control				
Percentage of grid electricity consumption under operational control	100%	(kWh)	Scope 2 Emissions (kgCO ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)	(kWh)	Scope 3 Emissions (kgCO ₂ -e)		
ACT	16,629	16,629	11,307	831	0	0		
NSW	92,993	92,993	63,235	4,650	0	0		
SA	122,817	122,817	30,704	9,825	0	0		
VIC	44,884	44,884	35,459	3,142	0	0		
QLD	50,966	50,966	37,205	7,645	0	0		
NT	29,011	29,011	15,666	2,031	0	0		
WA	125,590	125,590	66,563	5,024	0	0		
TAS	0	0	0	0	0	0		
Grid electricity (scope 2 and 3)	482,890	482,890	260,139	33,148	0	0		
ACT	0	0	0	0				
NSW	0	0	0	0				
SA	0	0	0	0				
VIC	0	0	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)	0	0	0	0				
Total electricity (grid + non grid)	482,890							

Residual scope 2 emissions (t CO ₂ -e)	260.14
Residual scope 3 emissions (t CO ₂ -e)	33.15
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	260.14
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	33.15
Total emissions liability	293.29

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 <u>one</u> of the following reasons:

- 1. <u>Immaterial</u> <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. <u>Data unavailable</u> 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
Waste	Data Unavailable

Data management plan for non-quantified sources

The data management plan below outlines how more rigorous quantification can be achieved for material (greater than 1%) non-quantified emission sources.

Waste data capture will be improved through greater communication with tenancy building operators, cleaning services providers, and the NABERS waste framework. Where possible, tenancies within buildings provided with a NABERS waste rating will be prioritised when considering new leasing requirements. Use of the NABERS waste framework will provide accurate data that can promote a detailed understanding of office waste and drive improved decision making.

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to this precinct'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:

- <u>Size</u> The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions.
- 2. <u>Influence</u> The responsible entity has the potential to influence the reduction of emissions from a particular source.
- 3. <u>Risk</u> 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.
- 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
Professional Services	N	Y	N	N	N	Size: The emissions from professional services is unlikely to be large compared to the total emissions inventory. Influence: We have potential to influence this emissions source by shifting to alternative suppliers. Risk: There are no applicable laws or expectations that may create risks associated with this emissions source. 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 these activities (legal, accounting etc.) within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.
Investments	N	Y	N	N	N	Size: The emissions from professional services is unlikely to be large compared to the total emissions inventory. Influence: We have potential to influence this emissions source by shifting to alternative investments. Risk: There are no applicable laws or expectations that may create risks associated with this emissions source. Risks can be easily mitigated through alternative investments. 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 any activities related to investments.
Emissions from client projects	Υ	N	N	N	N	Size: The size of this emissions source is likely to be much larger than our current emissions account. Influence: We have limited ability to influence emissions from clients' projects without creating undue budget pressure and damaging our reputation. Risk: Risks associated with this emissions source will be borne by clients and their projects, rather than Lucid. Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business. Outsourcing: Not applicable.

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Refrigerants	Y	N	N	N	N	Size: The size of this emissions source is likely to be significant, considering the high global warming potential of typical refrigerants. Influence: We are unable to influence the selection of refrigerants serving the buildings that we occupy. Risk: Transition risks posed by refrigerants are applicable to building owners and not to Lucid. Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business Outsourcing: Not applicable.



