



PUBLIC DISCLOSURE STATEMENT

ENERGETICS PTY LTD

SERVICE CERTIFICATION

FY2021–22


Australian Government
Climate Active
Public Disclosure Statement

ENERGET1°C5



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Energetics Pty Ltd
REPORTING PERIOD	1 July 2021 – 30 June 2022 Arrears report
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>Dr Mary Stewart CEO 25/11/2022</p>



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

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Version March 2022.



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	843 tCO ₂ e
THE OFFSETS BOUGHT	20% ACCUs, 80% VERs
RENEWABLE ELECTRICITY	100%
TECHNICAL ASSESSMENT	Date 20/12/2021 Name Jessica Antunes Organisation and Services Next technical assessment due: 31/10/2024

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2. CARBON NEUTRAL INFORMATION

Description of certification

This carbon neutral certification is for the business operations of Energetics PTY LTD (ABN 67 001 204 039).

Energetics takes a comprehensive approach to its carbon neutral commitment. We have included all of our offices across Australia, as well as our entire supply chain. The footprint covers both our organisation and the services we provide. By including our entire supply chain within the organisation's footprint boundary, we effectively end up with identical footprints for the organisation and the services we provide.

Energetics' inventory has been prepared based on the "Climate Active Standard for Organisations", "Climate Active Standard for Products and Services" and the "Greenhouse Gas Protocol - A Corporate Accounting and Reporting Standard"¹.

Where available, the inventory covers all six greenhouse gases listed under the Kyoto Protocol:

- Carbon dioxide (CO₂)
- Methane (CH₄)
- Nitrous oxide (N₂O)
- Hydrofluorocarbons (HFCs)
- Perfluorocarbons (PFCs)
- Sulphur hexafluoride (SF₆).

At Energetics, we believe in 'walking the talk'. In keeping with our values, Energetics has been carbon neutral since June 2008."

Service description

The functional unit for the services certification is "all consulting services provided by Energetics during the course of one year". Our certification provides full coverage of our services. The service process diagram in the following section shows the cradle-to-gate life cycle stages associated with our certification. We believe downstream emissions have very limited applicability to the services we provide, as we don't sell physical products that would require transportation, processing, use or end-of-life treatment

¹ Published by: World Resources Institute and World Business Council for Sustainable Development, March 2004

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 'attributable processes' that become the product, make the product and carry the product through its life cycle. These have been quantified in the carbon inventory.

Non-quantified emissions have been assessed as attributable 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

Non-attributable emissions have been assessed as not attributable to a product or service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore not part of the carbon neutral claim). Further detail is available at Appendix D.

Inside emissions boundary

Quantified

*Operational expenditure –
(sub-) contractors,
marketing,
IT services, entertainment,
staff amenities, office
expenses
Business travel – flights,
taxis, rental cars, public
transport, ferries, parking,
reimbursement
Base building energy
Electricity
Waste to landfill
Waste to recycling
Water and wastewater
Energy-related scope 3
Working from home
Staff commute*

Non-quantified

N/A

Optionally included

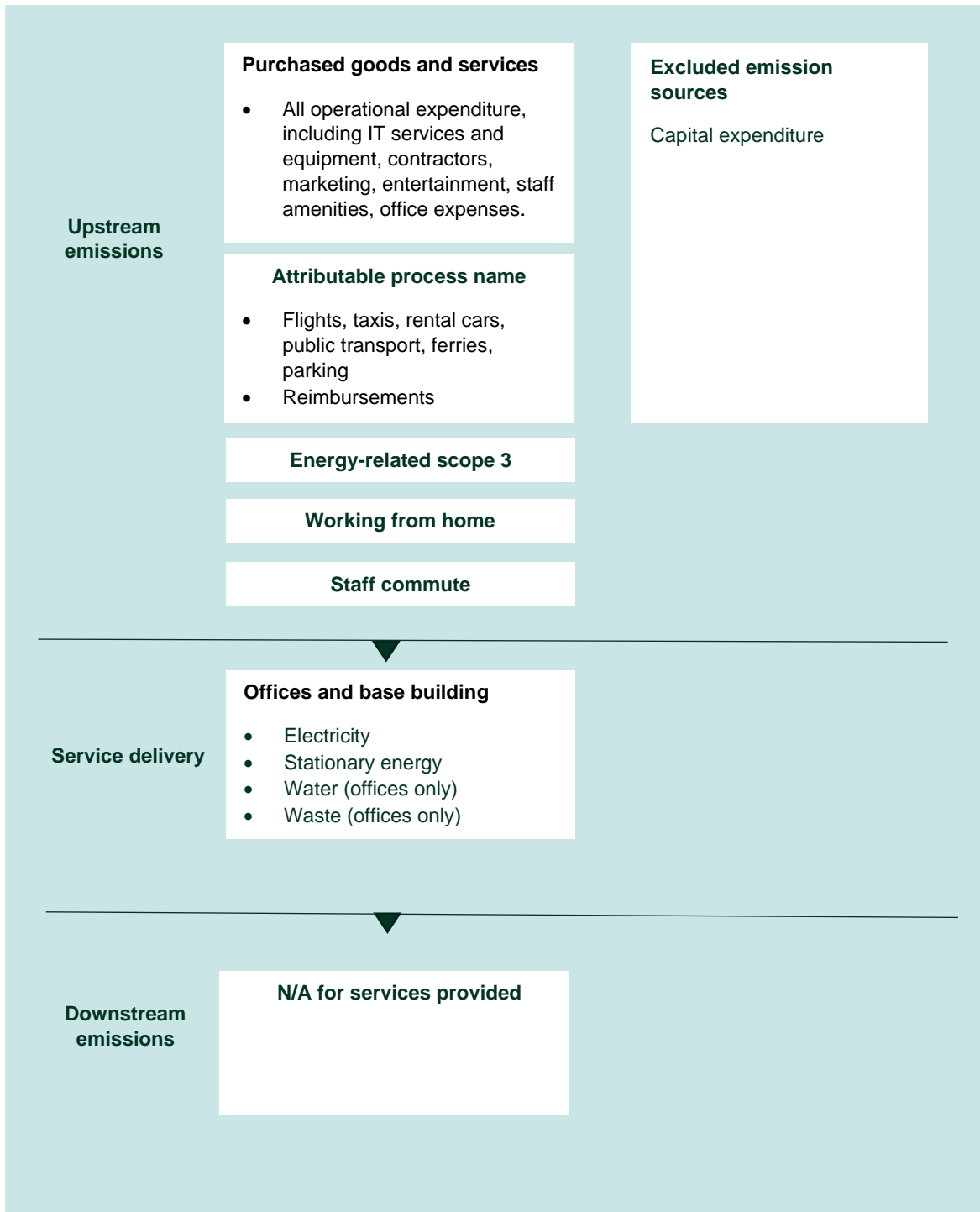
N/A

Outside emission boundary

Non-attributable

Capital expenditure

Service process diagram



Data management plan for non-quantified sources

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

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Energetics has always aspired to have a positive impact on the environment. We are committed to reducing the carbon footprint of our standard business activities, and reducing the broader impact that we have on the environment.

In 2019 we became a 'Climate Active' certified organisation and in 2020 we added our services to our Climate Active certification. In 2021 we achieved a significant milestone when our science-based target (SBT) was verified by the global Science Based Targets initiative (SBTi) under their SME programme². Since signing up to SBTi we have purchased only renewable energy through Greenpower, we no longer accrue scope 1 or scope 2 emissions.

With respect to our scope 3 emissions, we have managed these through our sustainable procurement policy for many years. Our main emissions sources are base building, flights and accommodation.

- To address the latter, we have limited our travel and continue to review each travel request for relevance and importance. We prefer to offset our flight emissions through Climate Active as we have better control of the offset type and quality this way.
- With respect to our base building emissions, we recently moved our Sydney and Melbourne offices. Estimated base building emissions performance informed by NABERS ratings formed part of our considerations when selecting our new offices. The Sydney building had a deep retrofit before we moved, as such, we have not yet been able to conduct a NABERS rating for either this tenancy or the base building. We note that the Sydney base building needs to be occupied for two years before a NABERS rating can be conducted. We expect this to be in late 2023. With respect to our Melbourne offices, again this move occurred too recently for a NABERS assessment to be conducted.

We have met with our landlords to understand their plans for improving the emissions performance of the buildings in which we are tenants. Once NABERS ratings are available for the base buildings we will develop a plan to engage further with our landlords on building performance going forward.

Emissions reduction actions

In keeping with Energetics' Sustainability Policy, we drive continuous improvement by identifying and implementing emissions reduction, sustainable procurement and behavioural change projects.

Energetics' carbon footprint is dominated by scope 3 emissions which make up over 90% of our footprint. The major contributor to these emissions is the purchase of goods and services. Other material sources are our base building and office energy consumption, as well as business travel and commuting. Below we have outlined

² Available on: <https://www.energetics.com.au/about-us/sustainability/our-environment>.

some of the initiatives to reduce emissions in the past reporting year.

Purchase of goods and services

As part of a precautionary approach to developing our inventory, we choose to apply a broad range of emissions sources (for example by including emissions from our banking and legal advisors). As a result, a significant part of our inventory is directly related to business expenditure. Other than reducing business expenditure, there are no immediately clear actions available to directly reduce the associated emissions. As more businesses seek Climate Active certification, Energetics may be able to benefit from reduced emissions through the purchase of carbon neutral products and services.

Base building energy consumption

Energetics has relocated offices in Sydney and Melbourne to buildings with improved resource efficiency. The previous buildings were 2 stars in Sydney and 0 stars in Melbourne. In an active effort to target emissions reductions, we did not consider tenancy inspections in buildings rated below 4 stars throughout the relocation processes. As noted above we will review building performance and assess potential pathways forward once the base buildings can be rated.

Office energy consumption

- All four tenancies have energy-efficient appliances, including LED lighting throughout.
- The offices in Brisbane and Sydney, which is Energetics' largest office, have motion sensor lighting to reduce electricity consumption when possible.
- The new offices in Sydney and Melbourne are expected to have better NABERS ratings compared to the old offices, reducing our energy consumption in the FY2022-23 reporting period.
- The Perth office has undergone renovations which included replacing all fluorescent lights with LEDs and adding insulation to the main boardroom.

Waste management

Energetics has minimised requirements to print paper becoming almost paperless across our offices. If a client specifies that a document needs to be printed (e.g., contracts), Energetics will attend to the request, but we are working on alternatives that would meet our clients' needs. We are actively refining waste management in our offices and seek out preferred end of life options for up to five waste streams in each office. We lease our phone and computers.

Business travel/hybrid work

COVID 19 lockdown restrictions limited business travel which has historically been one of our largest emissions sources. Robust webinar and teleconferencing infrastructure had been rolled out across the business; it will remain as a feature of the consulting landscape going forward.

Post lockdown, the hybrid workplace at Energetics has continued with employees balancing work from home with work from our offices. As such, one of our inventory improvement actions is to refine the information gathered on work from home so that this emission source is better reflected in our inventory.

Energetics has also made SimbleHome available to our staff by paying half of the cost of the smart meter and associated app. SimbleHome helps people to manage their own energy consumption at home by making information available in an easy-to-use app and by installing smart meters.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base year:	2017–18	833
Year 1:	2018–19	826
Year 2:	2019–20	945
Year 3:	2020–21	589
Year 4:	2021–22	843

Significant changes in emissions

Emission source name	Current year (tCO ₂ -e)	Previous year (tCO ₂ -e)	Detailed reason for change
Base Building Electricity and Gas- Sydney	87.0	67.8	Office NLA consistent for this reporting period, office was moved in the FY21 reporting year.
Telecommunications	47.5	42.0	Additional people were onboarded into the organisation and system upgrades were undertaken.
Marketing and distribution	236	83.4	Energetics had a brand refresh in FY22. The rebranding event included large marketing spend.
Technical services	125	87.6	Energetics had a brand refresh in FY22. The rebranding event included additional contractor and website spend.
Medium Car: unknown fuel	85.5*	26.2	Increased attendance at the office following the COVID-19 lockdown.

* Please note: the increase in transport emissions is partly due to an increase in activities but is also significantly influenced by a change in our reporting approach. Last year, we reported WFH emissions at 22 tCO₂-e and Land and Sea transport (km) at 30 tCO₂-e. This year, WFH emissions stand at 20 tCO₂-e and Land and Sea transport (km) at 47 tCO₂-e, however, commuting emissions are reported for our total workforce assuming staff are working from offices leading to total land and sea transport of 95 tCO₂-e, while we use the WFH calculator result B to correct for staff working from home (-28 tCO₂-e). The net effect of these two connected emission sources is an increase - compared to last year - from 52 tCO₂-e to 67 tCO₂-e.

Use of Climate Active carbon neutral products and services

Certified brand name	Product or Service used
N/A	N/A

Service emissions summary

Stage	tCO ₂ -e
Upstream emissions	644.5
Service delivery	197.7
Downstream emissions	0
Total	843

Emissions intensity per functional unit	843
Number of functional units to be offset	1
Total emissions to be offset	843

6. CARBON OFFSETS

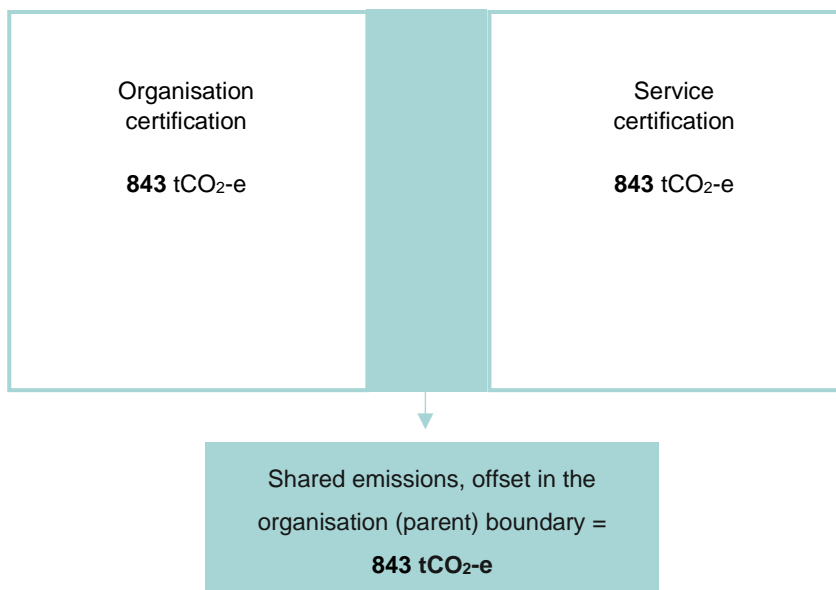
Offsets retirement approach

In arrears	
1. Total number of eligible offsets banked from last year's report	0
2. Total emissions footprint to offset for this report	843 tCO ₂ -e
3. Total eligible offsets required for this report	843 tCO ₂ -e
4. Total eligible offsets purchased and retired for this report	843 tCO ₂ -e
5. Total eligible offsets banked to use toward next year's report	0

Please note that the offsets have been bought for emissions that cover the whole organisation and its services. The same details are provided in the PDS for the Organisation.

Shared emissions between certifications by the same responsible entity

	Emissions (tCO ₂ -e)
Total offset liability	843 tCO₂-e
Offset by organization	843 tCO₂-e
Offset by service	0 tCO ₂ -e



Co-benefits

Our offsets are from two projects:

1. ACCUs are from regeneration projects located in New South Wales and Queensland. These carbon farming projects work with landholders to regenerate and protect native vegetation. The projects help improve marginal land, reduce salinity and erosion and provide income to farmers. Widespread land clearing has significantly impacted local ecosystems. This degradation and loss of plant species threatens the food and habitat on which other native species rely. Clearing allows weeds and invasive animals to spread and affects greenhouse gas emissions.

The project areas can harbour a number of indigenous plant species which provide important habitat and nutrients for native wildlife. By erecting fencing and actively managing invasive species, these projects avoid emissions caused by clearing and achieve key environmental and biodiversity benefits.

This project aligns with SDG 8 – Decent work and economic growth, SDG 13 – Climate action, and SDG 15 – Life on land.

2. VCU are sourced from Nepal for low emissions cookstoves projects. In Nepal, the vast majority of the rural population cook using traditional fires, often located inside poorly ventilated kitchens. This causes severe household air pollution and results in chronic respiratory, heart and eye diseases; the most material health burden is typically imposed on women and children who are responsible for preparing meals. These projects distribute efficient, clean burning cookstoves which reduce smoke pollution and the associated health risks while also reducing carbon emissions. As they require less wood, the stoves reduce household expenditure on firewood as well as the amount of time women and children spend gathering it from local sources. This allows time for other activities and alleviates the threat of clearing on native forests.

This project aligns with SDG 3 – Good health and well-being, SDG 7 – Affordable and clean energy, SDG 8 – Decent work and economic growth, and SDG 13 – Climate action.

Eligible offsets retirement summary

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	Stapled quantity	Eligible quantity (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 (%)
KACCU-AUS-Garrawin Gumahah Regen	ACCU	ANREU	20 April 2023	SN8,342,078,614 to 8,342,078,782	2022	NA	169	0	0	169	20%
GSC-NPL-Promoting Clean Cookstoves in Nepal 2	VER	Gold Standard Impact	20 April 2023	GS1-1-NPGS6597-16-2019-20554-2445 to GS1-1-NPGS6597-16-2019-20554-2653	2019	NA	209	0	0	209	25%
GSC-NPL-Promoting Clean Cookstoves in Nepal 2	VER	Gold Standard Impact	20 April 2023	GS1-1-NPGS6597-16-2019-20554-3417 to GS1-1-NPGS6597-16-2019-20554-3881	2019	NA	465	0	0	465	55%
Total offsets retired this report and used in this report										843	
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
Australian Carbon Credit Units (ACCU)	169	20%
Verified Emissions Reductions (VERs)	674	80%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) Summary

N/A - LGCs have been surrendered on behalf of Energetics as part of the GreenPower™ program. In line with Climate Active's provision, Energetics is not required to populate this section.

APPENDIX A: ADDITIONAL INFORMATION

The offsets purchased are currently not available online. Please refer the information on purchased offsets below and the attachment to this submission.

Image 1: ACCUs retired through the regeneration project in NSW and QLD (169 tCO₂e)


The screenshot shows the ANREU website interface. The header includes the Australian Government logo and the text 'Australian National Registry of Emissions Units'. A user is logged in as 'Alexander Levis / Industry User'. The left sidebar contains navigation links: ANREU Home, Account Holders, Accounts, Unit Position Summary, Projects, Transaction Log, CER Notifications, Public Reports, and My Profile. The main content area is titled 'Transaction Details' and shows a notification 'Transaction Successfully Approved'. Below this, transaction details are listed: Transaction ID AU27012, Current Status Completed (4), Status Date 20/04/2023 12:25:02 (AEST) and 20/04/2023 02:25:02 (GMT), Transaction Type Cancellation (4), Transaction Initiator Lewis, Alexander John, Transaction Approver Lewis, Alexander John, and Comment Retired on behalf of Energetics Pty Ltd for their FY22 Climate Active certification. Two account sections are shown: Transferring Account (AU-3255, Tasman Environmental Markets, Australia Pty Ltd) and Acquiring Account (AU-1068, Australia Voluntary Cancellation Account, Commonwealth of Australia). At the bottom, a 'Transaction Blocks' table is visible with columns: Early, Type, Transaction Type, Original CP, Current CP, ERF Project ID, NGER Facility ID, NGER Facility Name, Safeguard, Kyoto Project #, Vintage, Expiry Date, Serial Range, and Quantity. One row is shown with values: AU, KACCU, Voluntary ACCU Cancellation, [blank], [blank], ERF101802, [blank], [blank], [blank], [blank], 2021-22, [blank], 8,342,078,614 - 8,342,078,782, 169.

Image 2: VERs retired under the Nepal low emissions cookstove project (209 tCO₂e)

The screenshot shows the Impact Registry website. The header includes the Impact Registry logo and navigation links: CREDITS and PROJECTS. The main content area is titled 'Credits' and shows 'VER 2445 — 2653'. Below this, project details are listed: PROJECT ISSUED TO Promoting Clean Cooking Solutions for the Disadvantaged Households in Nepal (GS6597) with a 'VIEW PROJECT' button. A table of details follows: SERIAL NUMBER GS1-1-NP-GS6597-16-2019-20554-2445-2653; STATUS Issued (with a pending admin review icon); PRODUCT VER; MONITORING PERI... Aug 01, 2019 — Jul 31, 2020; NUMBER OF CRED... 209; VINTAGE 2019; ISSUANCE DATE Jan 22, 2021. Below the table, the 'ELIGIBILITIES' section shows 'ELIGIBLE FOR CORSIA' with a 'Yes' status.



Image 3: VERs retired under the Nepal low emissions cookstove project (465 tCO2e)


IMPACT REGISTRY CREDITS PROJECTS

Credits  VER 3417 — 3881

PROJECT ISSUED TO Promoting Clean Cooking Solutions for the Disadvantaged Households in Nepal (GS6597) [VIEW PROJECT](#)

SERIAL NUMBER GSI-1-NP-GS6597-16-2019-20554-3417-3881

STATUS  Issued
 Pending Admin Review

PRODUCT  VER


NUMBER OF CRED... 465

MONITORING PERI... Aug 01, 2019 — Jul 31, 2020

ISSUANCE DATE Jan 22, 2021

VINTAGE 2019

ELIGIBILITIES

ELIGIBLE FOR CORSIA  Yes

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach

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.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kgCO 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 & Precinct LGCs)	60,000	0	101%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	11,081	0	19%
Residual Electricity	-11,476	-11,418	-19%
Total grid electricity	59,605	-11,418	100%
Total electricity consumed (grid + non grid)	59,605	-11,418	119%
Electricity renewables	71,081	0	
Residual Electricity	-11,476	-11,418	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		0	

Total renewables (grid and non-grid)	119%
Mandatory	18.6%
Voluntary	101%
Behind the meter	0.00%
Residual Electricity Emission Footprint (tCO₂e)	0.00

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO _{2e})	Scope 3 Emissions (kgCO _{2e})
ACT	0	0	0
NSW	43,802	34,166	3,066
SA	30	9	2
Vic	5,093	4,635	509
Qld	4,276	3,421	513
NT	0	0	0
WA	6,404	4,291	64
Tas	0	0	0
Grid electricity (scope 2 and 3)	59,605	46,521	4,155
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Non-grid electricity (behind the meter)	0	0	0
Total electricity consumed	59,605	46,521	4,155

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Service non-quantified sources

Not applicable. All emission sources assessed as relevant have been quantified.

APPENDIX D: OUTSIDE EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to a product or service (do not carry, make or become the product/service) and are therefore not part of the carbon neutral claim. To be deemed attributable, an emission must meet two of the five relevance criteria. Emissions which only meet one condition of the relevance test can be assessed as non-attributable and therefore are outside the carbon neutral claim. Non-attributable emissions are detailed below.

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.

Service non-attributable sources

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

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing
Capital expenditure	Potentially	No	No	No	No



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