



PUBLIC DISCLOSURE STATEMENT

GUYMER BAILEY ARCHITECTS

**ORGANISATION CERTIFICATION
CY2020**

Australian Government


Climate Active Public Disclosure Statement



An Australian Government Initiative



GUYMER | BAILEY architects

NAME OF CERTIFIED ENTITY	Guymer Bailey Architects
REPORTING PERIOD	1 January 2020 – 31 December 2020 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>Name of Signatory Phillip Jackson</p> <p>Position of Signatory Director</p>



Australian Government

Department of Industry, Science,
Energy and Resources

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Version September 2021. To be used for FY20/21 reporting onwards.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	200 tCO ₂ -e
OFFSETS BOUGHT	100% ACCUs
RENEWABLE ELECTRICITY	27.14%
TECHNICAL ASSESSMENT	29 January 2021 Pangolin Associates Pty Ltd Next technical assessment due: CY2022 reporting period

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2. CARBON NEUTRAL INFORMATION

Description of certification

Guymer Bailey Architects are certified as an organisation for our business operations.

Organisation description

Guymer Bailey Architects (ABN 12 010 920 153) is an Australian based architecture firm that provides professional services across architecture, landscape architecture and interior design. Guymer Bailey Architects operate from two office locations, which include a freestanding building in Queensland, and a tenancy within a larger office building in Victoria.

With attitudes, beliefs and actions so often shaped by the built environment around us, we have a great responsibility as architects, landscape architects and designers to create spaces that foster respect for the environment and facilitate new ways of thinking and living.

While sustainability has been a core part of our company culture since our inception in 1989, and green initiatives are inherent in our everyday practices, research and design, we have made the commitment to be carbon neutral at both a company and industry level by 2030. This step provides us with a clear framework to monitor and reduce our impact on the environment and help others do the same.

It also helps us move closer to our vision "To build a brighter future through environmentally minded, socially responsible, and culturally sensitive design that creates hope, brings joy, and prioritises wellbeing".

"While sustainability has been a core part of our company culture since our inception in 1989, and green initiatives are inherent in our everyday practices, research and design, we have made the commitment to be carbon neutral at both a company and industry level.

Climate Active provides us with a clear framework to monitor and reduce our impact on the environment and help others do the same."

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.

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 or precinct'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.

The emissions considered in the Guymer Bailey carbon account are provided below.

Organisation 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.

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Guymer Bailey Architects are committed to developing a detailed emission reduction strategy following the emission reduction requirements of a Science Based Target. The strategy will include the following measures as well as the timeframe for their implementation:

- Measuring and reporting on the company's organisational carbon footprint annually
- Purchasing Green Power® to eliminate emissions associated with electricity consumption
- Reducing the number of flights taken by staff through the use of video conferences and purchasing flight offsets where flying is required
- Flexible working arrangements to reduce emissions associated with staff travel
- Improvements to natural ventilation in both offices to reduce reliance on air conditioning
- Investigation of solar PV to the Brisbane office and electric vehicle charging point.
- Engaging with our team to minimise their impacts both at work and at home
- Increasing our awareness and education, and sharing this knowledge with others.

Emissions reduction actions

- Purchased Green Power® to eliminate emissions associated with electricity consumption
- Reduced the number of flights taken by staff through the use of video conferences and purchasing flight offsets where flying is required. This was also heavily impacted by the COVID 19 Pandemic
- Rolled out flexible working arrangements to reduce emissions associated with staff travel and provided end of trip facilities to support carbon free travel to work.
- Carried out educational sessions around waste avoidance and procurement strategies to minimize waste and packaging.

5. EMISSIONS SUMMARY

Emissions over time

Work from home and restrictions on movement have had a profound impact on our emissions. Our reduced travel, commuting distances and a reduction in office expenditure have all contributed to a large reduction in the emissions recorded. This is positive, however will need to be considered in assessing future emissions that may represent a return to more typical emissions levels.

Emissions since base year		Total tCO ₂ -e
Base year:	2019	222.3
Year 1:	2020	199.9

Significant changes in emissions

For Guymer Bailey, the impact of COVID-19 influenced our carbon impact in a number of ways. The team worked from home for a significant portion of the year, which was evident in our teams' Air Transport and Land and Sea Transport impact, and also the introduction of the Working from Home category to compensate for this change.

The practice switched to 100% Green energy for both the Brisbane and Melbourne Studios, and also started measuring our ICT equipment impact which also altered the year-to-year emissions.

It is proposed that the practice of a truly flexible workplace will continue in both offices in order to provide flexibility for our team, and to continue to reduce our carbon impact.

Emission source	Current year (tCO ₂ -e)	Previous year (tCO ₂ -e)	Detailed reason for change
Air transport	18.85	41.47	COVID-19 impact
Electricity	87.47	71.78	Staff growth
Computer equipment	22.87	0	Previously not measured
Office equipment – printing and stationery	17.19	0	Previously not measured
Working from home emissions	-23.00	0	Previously not measured

Organisation emissions summary

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

Emission category	Sum of scope 1 (tCO ₂ -e)	Sum of scope 2 (tCO ₂ -e)	Sum of scope 3 (tCO ₂ -e)	Total emissions (tCO ₂ -e)
Accommodation and facilities	0.0	0.0	2.8	2.8
Cleaning and Chemicals	0.0	0.0	3.2	3.2
Electricity	0.0	87.5	0.0	87.5
Food	0.0	0.0	14.5	14.5
ICT services and equipment	0.0	0.0	30.3	30.3
Office equipment & supplies	0.0	0.0	21.2	21.2
Postage, courier and freight	0.0	0.0	0.9	0.9
Stationary Energy (gaseous fuels)	0.6	0.0	0.0	0.7
Transport (air)	0.0	0.0	18.8	18.8
Transport (land and sea)	0.0	0.0	39.8	39.8
Waste	0.0	0.0	2.4	2.4
Water	0.0	0.0	0.8	0.8
Working from home	0.0	0.0	-23.0	-23.0
Total	0.6	87.5	111.8	199.9

Uplift factors

N/A

6. CARBON OFFSETS

Offsets strategy

In arrears	
1. Total number of eligible offsets banked from last year's report	7
2. Total emissions footprint to offset for this report (tCO ₂ -e)	200
3. Total eligible offsets required for this report	193
4. Total eligible offsets purchased and retired for this report	237
5. Total eligible offsets banked to use toward next year's report	37

Co-benefits

West Arnhem Land Fire Abatement (WALFA) Project

Arnhem Land in the Northern Territory is prone to extreme, devastating wildfires that affect the landscape, people, plants and animals. These projects are owned exclusively by Aboriginal people with custodial responsibility for those parts of Arnhem Land under active bushfire management. Local rangers conduct controlled burns early in the dry season to reduce fuel on the ground and establish a mosaic of natural fire breaks, preventing bigger, hotter and uncontrolled wildfires later in the season.

The projects provide employment and training opportunities for local rangers while supporting Aboriginal people in returning to, remaining on, and managing their country. Communities are supported in the preservation and transfer of knowledge, the maintenance of Aboriginal languages and the wellbeing of the traditional custodians.

Offsets summary

Proof of cancellation of offset units

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	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 (%)
West Arnhem Land Fire Abatement (WALFA) Project	ACCUs	ANREU	7 Sept 2022	8,329,156,064 - 8,329,156,278	2020-21	215	0	22	193	97%
West Arnhem Land Fire Abatement (WALFA) Project	ACCUs	ANREU	7 Sept 2022	8,329,156,279 - 8,329,156,293	2020-21	15	0	15	0	0%
Paroo River South Environmental Project	ACCUs	ANREU	25 Mar 2021	3,790,619,122 - 3,790,619,236	2019-20	115	108	0	7	3%
Total offsets retired this report and used in this report									200	
Total offsets retired this report and banked for future reports									37	

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Australian Carbon Credit Units (ACCUs)	200	100%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a **market-based approach**.

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.

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 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)	0	0	0%
GreenPower	8,723	0	8%
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)	21,503	0	19%
Residual electricity	81,129	87,474	0%
Total grid electricity	111,355	87,474	27%
Total electricity consumed (grid + non grid)	111,355	87,474	27%
Electricity renewables	30,226	0	
Residual electricity	81,129	87,474	
Exported on-site generated electricity	0	0	
Emissions footprint (kgCO ₂ -e)		87,474	

Emissions footprint (tCO₂-e)	87
Mandatory LRET renewables	19.31%
Voluntary Renewable Electricity	7.83%
Total renewables	27.14%

Location-based approach summary

Location-based approach	Activity data (kWh)	Emissions (kgCO ₂ -e)
VIC	65,549	71,448
QLD	45,806	42,600
Grid electricity (scope 2 and 3)	111,355	114,048
VIC	0	0
QLD	0	0
Non-grid electricity (Behind the meter)	0	0
Total electricity consumed	111,355	114,048

Emissions footprint (tCO₂-e)	114
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Climate Active carbon neutral electricity summary

Carbon neutral electricity offset by Climate Active product	Activity data (kWh)	Emissions (kgCO ₂ -e)
N/A	0	0

Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their product certification.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions 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	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
Refrigerants	Yes	No	No	No

The potential emissions from refrigerants are estimated to be less than 1% of the total carbon account (immaterial). Guymer Bailey will endeavor to quantify future refrigerant emissions.

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or 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:

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.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Professional Services (External)	No	No	No	No	No	No



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