



PUBLIC DISCLOSURE STATEMENT

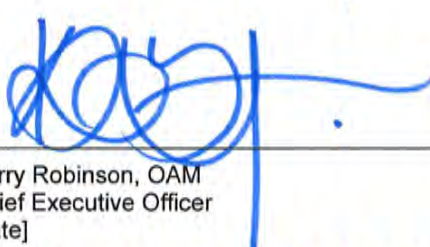
BLACKTOWN CITY COUNCIL

ORGANISATION CERTIFICATION

FY2020–21

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Blacktown City Council
REPORTING PERIOD	Financial year 1 July 2020 – 30 June 2021 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></p> <p>Kerry Robinson, OAM Chief Executive Officer [date]</p> <p><i>10 July 2023</i></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	47,971 tCO ₂ -e
OFFSETS BOUGHT	100% CERs
RENEWABLE ELECTRICITY	20.79%
TECHNICAL ASSESSMENT	2/6/2022 Barbara Albert 100% Renewables Pty LTD Next technical assessment due: FY2023
THIRD PARTY VALIDATION	Type 2 1/11/2022 Andrew Gunst Carbon Intelligence Pty LTD

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2. CARBON NEUTRAL INFORMATION

Description of certification

This public disclosure statement (PDS) supports the certification of Blacktown City Council (ABN 18 153 831 768) as an organisation committed to net-zero operational carbon emissions from financial year 2020/21, under the Climate Active Carbon Neutral Certification Standard for Organisations (Climate Active Organisation Standard). This report details Blacktown City Council's operational GHG emission boundary and a summary of our GHG emissions reduction strategy.

Organisation description

Blacktown City Council (ABN 18 153 831 768) is the largest local government, by population, in NSW. It is dedicated to ensuring Blacktown is a great place to live and providing leadership and good governance for the people of Blacktown.

Blacktown City Council (ABN 18 153 831 768) wholly owns Blacktown Venue Management Ltd (ABN 80 098 490 978), a sub-entity that manages key Council facilities such as aquatic centres, leisure centres and large sporting venues.

Council is made up of 5 wards, spanning an area of 246.9 square kilometres. It manages local infrastructure and assets, and provides a broad array of services for the city's 403,000 residents. Our broader city is a mixed-use area, with residential, commercial, medical, institutional, educational, cultural and entertainment land uses, and substantial parkland and sporting facilities.

Our Blacktown 2036 is Council's long-term community strategic plan for the city. The main priorities for the plan are to maintain and improve quality of life for the Blacktown community and ensure Blacktown identifies and embraces future liveability and sustainability opportunities.

Blacktown has been a leader in sustainability practices for more than 20 years. Council has been active in responding to climate change, focusing on the performance of its own operations, as well as delivering initiatives to support Blacktown residents and businesses to reduce their greenhouse gas emissions.

Council endorsed our Responding to climate change strategy and policy in July 2018, and we are progressing well with implementation. Both the policy and strategy provide targets and a clear focus for our work to reduce greenhouse gas emissions, adapt to climate change and build resilience, especially in the face of increasing urban heat and its associated health threats during summer heatwaves.

Blacktown City Council has committed to being carbon neutral certified under the Climate Active Carbon

Blacktown City Council has a policy target of net-zero operational GHG emissions commencing 2020/21. As the largest local government by population in NSW, we are committed to leading by example and reducing our operational greenhouse gas emissions to achieve our target.

Neutral Standard for Organisations from financial year 2021 (FY 2020/21) onward. This Public Disclosure Summary (PDS) presents our first year of certification (FY 2020/21) emissions for our Australian business operations, outlining our 2020/21 carbon account, recently implemented emission reduction measures and details of our annual carbon offset reconciliation.

The COVID-19 pandemic significantly impacted Blacktown City Council and its subsidiary company in the latter part of 2020/21, and Council's focus in this period has been on assisting the city's residents and businesses to recover.

In 2020/21, Council provided the following services to the residents of Blacktown:

- land use planning and development assessment
- transport network development and maintenance
- waste management services
- provision of on and off-street parking services
- development and maintenance of urban parks
- provision and management of arts and cultural facilities and events
- provision and maintenance of libraries, community halls and sports and recreational facilities
- street cleaning and graffiti removal
- animal management
- disaster response and recovery
- flood risk management
- biodiversity conservation
- green community initiatives, including programs and events to support greater sustainability action by households, students and businesses.

3. EMISSIONS BOUNDARY

Inside the emissions boundary

All emission sources listed in the operational emissions boundary are part of Council's 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 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.

Organisational and operational boundary assessment

Inside emissions boundary		Outside emission boundary
<u>Quantified</u>	<u>Non-quantified</u>	<u>Excluded</u>
Natural gas	Diesel – stationary	Capital works
Private/work travel – leaseback	Business accommodation	Sites outside Council's control
LPG – stationary	Hire cars	
C&I waste	Fuel use roadwork maintenance	
Diesel – fleet	Taxis and rideshare	
Green waste	Other contractors	
Petrol – fleet	Air travel	
C&D waste		
Ethanol – fleet		
Employee commute		
Refrigerants		
Working from home		
Electricity		
Telecommunications		
Streetlighting		
Advertising		
Water		
Cleaning supplies		
Diesel – recycling truck		
Cleaning services		
Paper		
Legal fees		
Outsourced printing		
Stationery		
IT equipment		
Chemicals		
Office and desk accessories		
Professional services		
Food and catering		
Postage and couriers		

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

Through its [Responding to climate change policy \(P000532.2\)](#), Blacktown City Council is committed to 100% renewable electricity use for our operations by 2025 and to net-zero emissions from the electricity, fuel and gas we use in our operations by 2030. We aim to progressively reduce our operational emissions and minimise carbon offsetting through a number of actions, specified below.

Action	Timeframe
Energy efficiency upgrades to Council assets and onsite solar PV installations, and where practical, electrification of facilities. Upgrades to include heat pumps, heating and cooling systems and external and internal lighting and controls.	2018 to 2021
Energy efficiency upgrades to street lighting.	2018 to 2022
Investigate the staged transition of Rooty Hill Depot operations to become net-zero emissions.	2018 to 2022
Source and use electricity exclusively from renewable sources.	2018 to 2030
Develop an energy management policy for Council operations.	2020 to 2021
Install LED lighting as the only option for all Council building upgrades.	2018 to 2019 ongoing
Improve fuel efficiency in the leaseback fleet, and support the transition of the fleet to run on renewable energy.	2018 to 2030
Review tenders for environmental considerations and comment.	2020/21 and ongoing
Develop an effective and efficient system for our ongoing operational carbon accounting and carbon neutrality, adhering to the Australian Government's Climate Active carbon neutral standard.	2020/21 and ongoing
Implement telematics in our waste management fleet and investigate integrating route optimisation, engine and transmission management and vehicle	2020-2022

<p>utilisation systems. Telematics enables automatic transmission of location data and is needed prior to adding these other capabilities. The additional capabilities increase efficiency and reduce fuel consumption and emissions.</p>	
<p>Continuous improvement of energy efficiency through:</p> <ul style="list-style-type: none"> • audits to identify improvements • energy consumption tracking • an optimisation program for major equipment (heating and cooling systems, lighting, rainwater harvesting systems, solar power systems) • optimizing plant utilization, using the new telematics system and plant hire policy and agreement • engaging and educating staff on energy conservation work practices • smart lighting research • best practice outdoor lighting standards for operation and technology • using the project selection tool • using solar analytics to provide us with information on our rooftop solar generation • support of pilots and research to incorporate recycled product and low emission technology • ensuring consistency and compatibility when installing new building management systems (BMS) by procuring the one type of platform. 	<p>2021 ongoing</p>

5.EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

N/A

Organisation emissions summary

The electricity summary is available in 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)	Sum of total emissions (tCO ₂ -e)
Cleaning and Chemicals	-	-	648	648
Electricity	-	25,342	-	25,342
Food	-	-	472	472
ICT services and equipment	-	-	318	318
Land and Sea Transport (fuel)	4,162	-	2,128	6,290
Land and Sea Transport (km)	-	-	501	501
Office equipment & supplies	-	-	896	896
Postage, courier and freight	-	-	271	271
Professional Services	-	-	5,074	5,074
Refrigerants	137	-	-	137
Stationary Energy	1,862	-	473	2,335
Waste	-	-	4,482	4,482
Water	-	-	895	895
Working from home	-	-	310	310
Grand Total	6,161	25,342	16,468	47,971

6. CARBON OFFSETS

Offsets strategy

Offset purchasing strategy: In arrears

1. Total offsets previously forward purchased and banked for this report	0 tCO ₂ -e
2. Total emissions liability to offset for this report	47,971 tCO ₂ -e
3. Net offset balance for this reporting period	47,971 tCO ₂ -e
4. Total offsets to be forward purchased to offset the next reporting period	3,029 tCO ₂ -e
5. Total offsets required for this report	47,971 tCO ₂ -e

Co-benefits

3 GOOD HEALTH AND WELL-BEING



Less time lost through congestion and reduced SO₂ and NO_x pollution

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Long-term infrastructure development for the city and its people

11 SUSTAINABLE CITIES AND COMMUNITIES



Promoting more sustainable transport in Delhi and India

13 CLIMATE ACTION



Reducing greenhouse gas emissions by replacing conventional transport options

Offsets summary

Proof of cancellation of offset units

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 (%)
Metro Delhi, India	CER	ANREU	Nov 2021	239,662,935 - 239,713,934	CP2	51,000	0	3,029	47,971	100%

Total offsets retired this report and used in this report

47,971

Total offsets retired this report and banked for future reports

3,029

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Certified Emissions Reductions (CERs)	51,000	100%

Transaction ID	AU20307
Current Status	Sending (91)
Status Date	15/11/2021 16:57:54 (AEDT) 15/11/2021 05:57:54 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Wilson, Raymond Glen
Transaction Approver	Wilson, Raymond Glen

Comment

Cancelled on behalf of Blacktown City Council to support its FY20/21 carbon neutral claim against the Climate Active Carbon Neutral Standard. Any surplus cancelled offsets will be used to support the Council's FY21/22 Climate Active Carbon Neutral claim.

Transferring Account

Account Number	AU-2545
Account Name	Carbon Neutral Pty Ltd
Account Holder	Carbon Neutral Pty Ltd

Acquiring Account

Account Number	AU-2764
Account Name	Voluntary Cancellation - CP2
Account Holder	Commonwealth of Australia

Transaction Blocks

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
It	CER	Kyoto Voluntary Cancellation	2	2					III-4463			239,662,935 - 239,713,934	51,000

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)*	0
2. Other RECs	0

* 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	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location	
Nil										
<i>Total LGCs surrendered this report and used in this report</i>							0			

APPENDIX A: ADDITIONAL INFORMATION

N/A

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 % of total
Behind the meter consumption of electricity generated	654,584	0	2%
Total non-grid electricity	654,584	0	2%
LGC purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
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)	5,512,717	0	19%
Residual electricity	23,616,566	25,342,476	0%
Total grid electricity	29,129,283	25,342,476	19%
Total electricity consumed (grid + non grid)	29,783,867	25,342,476	21%
Electricity renewables	6,167,301	0	
Residual electricity	23,616,566	25,342,476	
Exported on-site generated electricity	0	0	
Emission footprint (kgCO ₂ -e)		25,342,476	

Total renewables (grid and non-grid)	20.79%
Mandatory	18.49%
Voluntary	0.00%
Behind the meter	2.30%
Residual electricity emission footprint (tCO₂-e)	25,342

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location-based approach summary

Location-based approach	Activity data (kWh)	Emissions (kgCO ₂ -e)
NSW	29,129,283	26,216,355
Grid electricity (scope 2 and 3)	29,783,867	26,216,355
NSW	654,584	0
Non-grid electricity (behind the meter)	654,584	0
Total electricity consumed	29,783,867	26,216,355
Emission footprint (tCO₂-e)	26,216	

Climate Active carbon neutral electricity summary

Carbon neutral electricity offset by Climate Active product	Activity data (kWh)	Emissions (kgCO ₂ -e)
Nil.	0	0

Climate Active carbon neutral electricity is not considered renewable electricity. The emissions have been offset by another Climate Active carbon neutral 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. These emissions are accounted for through an uplift factor. 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
Diesel - stationary	Yes	No	No	No
Hire cars	Yes	No	No	No
Taxis and rideshare	Yes	No	No	No
Air travel	Yes	No	No	No
Business accommodation	Yes	No	No	No
Fuel use roadwork maintenance	Yes	No	No	No
Other contractors	Yes	No	No	No

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?
Capital works	Yes	No	No	No	No	No
Sites outside Council's control	No	No	No	No	No	No



An Australian Government Initiative

