



PUBLIC DISCLOSURE STATEMENT

BRISBANE CITY COUNCIL

ORGANISATION CERTIFICATION

FY2021-22

Australian Government

Climate Active Public Disclosure Statement



Dedicated to a better Brisbane



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Brisbane City Council
REPORTING PERIOD	1 July 2021 – 30 June 2022
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>Signed:</p>  <p>Colin Jensen Chief Executive Officer Date: 31 January 2023</p>



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

Public Disclosure Statement documents are prepared by the submitting organisation. The material in the Public Disclosure Statement document represents the views of the organisation and do not necessarily reflect the views of the Commonwealth.

The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Statement document and disclaims liability for any loss arising from the use of the document for any purpose.

Version March 2022

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	574,453 tCO ₂ -e
OFFSETS BOUGHT	5% ACCUs, 95% VCU
RENEWABLE ELECTRICITY	100%
TECHNICAL ASSESSMENT	Date: 2 December 2022 Name: Charlie Knaggs Organisation: Point Advisory Next technical assessment due: 2025

Contents

1. Certification summary.....	4
2. Carbon neutral information.....	5
3. Emissions boundary.....	6
4. Emissions reductions	11
5. Emissions summary	13
6. Carbon offsets.....	18
7. Renewable Energy Certificate (REC) Summary	30
Appendix A: Additional Information	34
Appendix B: Electricity summary.....	35
Appendix C: Inside emissions boundary	37
Appendix D: Outside emissions boundary	38

2. CARBON NEUTRAL INFORMATION

Description of certification

Carbon neutral certification is for the business operations of Brisbane City Council (Council), ABN 72 002 765 795, and its subsidiaries.

Council achieved carbon neutrality for its operations in 2017 and obtained certification of its carbon neutral status under the Climate Active program in February 2018. This 2021-22 Public Disclosure Statement (2021-22 PDS) is Council's sixth annual report under the program and provides an update on progress made in 2021-22. It outlines the 2021-22 Carbon Inventory, changes from the 2016-17 base year, recently implemented emissions reduction measures, and details of the annual offset reconciliation.

Organisation description

Located in South-East Queensland, Council is Australia's largest local government authority in terms of both population and budget. Spanning a geographic area of 1,342 square kilometres, Council provides a broad array of local government services for the city's 1.28 million residents, has an annual budget in the order of \$3.2 billion and manages infrastructure and assets valued at \$33.1 billion.

In 2021-22, Council provided the following services:

- land use planning and development assessment
- transport network development and maintenance
- operation of public transport services, including one of the largest bus fleets in Australia and the iconic CityCats and city ferry network
- waste management services, including operation of a landfill facility
- 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
- vaccination services
- mosquito and pest control and vegetation management
- disaster response and recovery
- flood risk management
- biodiversity conservation
- provision of green community programs and events.

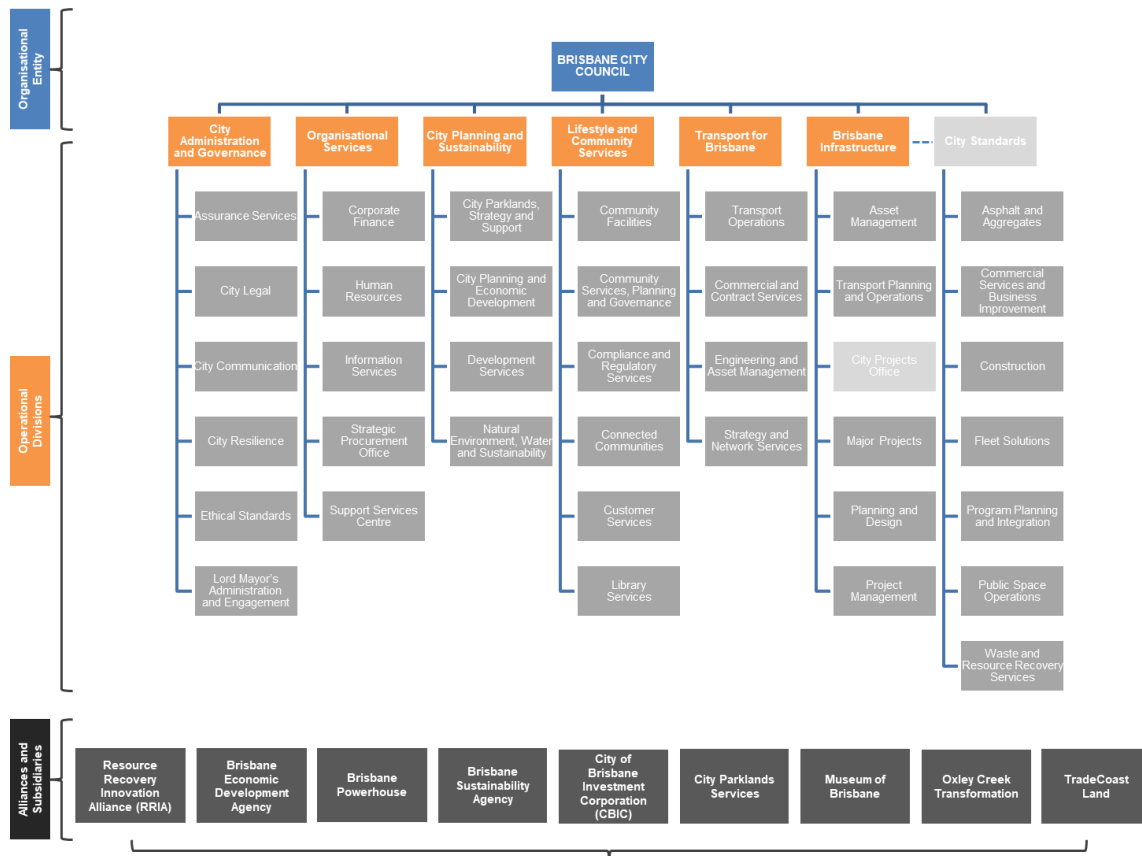
The infrastructure and assets managed by Council in 2021-22 included:

- 2,187 parks, comprising 9,971 hectares of natural areas and 6,764 hectares of urban and sports parks
- 6,280 bus stops
- 30 community halls
- 4,986 kilometres of paths and walkways
- 92 wharves, jetties and pontoons
- 165 dog off-leash areas in parks
- 12 cemeteries and crematoria
- 34 libraries
- 8 cross river bridges
- 22 swimming pools
- 5,761 kilometres of road network
- 23 CityCat and 6 KittyCat ferries
- 1,267 buses
- 601 picnic grounds.

"Brisbane City Council is committed to a clean, green and sustainable Brisbane and is leading the transition to a low carbon city by taking responsibility for the emissions occurring as a result of our operations."

Council's organisational boundary has been defined in accordance with Section 2.3.1 of the *Climate Active Carbon Neutral Standard for Organisations* using an 'operational control' approach and includes all entities for which Council has the full authority to introduce or implement operating policies. These include Council's six operational divisions, the Resource Recovery Innovation Alliance (RRIA)¹ and eight wholly owned subsidiaries (see Diagram 1 below).

Diagram 1: Organisational boundary



In addition to the wholly owned subsidiaries, Council has part or shareholder interests in a number of other entities. However, as Council does not have operational control of these entities, they are excluded from the certification boundary. The excluded entities and Council's equity share are as follows:

- Brisbane Bus Build (50%)
- Brisbane Housing Company Ltd (9.1%)
- Major Brisbane Festivals (50%)
- Queensland Urban Utilities (85%)
- SEQ Regional Recreational Facilities (12.5%)
- Council of Mayors (SEQ) Pty Ltd (9.1%).

Table 1 below provides details of the subsidiary entities included within this certification.

¹ The RRIA is an alliance arrangement between Council and a third-party contractor for the innovative and environmentally sustainable management of Council's resource recovery centres and Rochedale landfill facility. The alliance was previously known as the Brisbane Waste Innovation Alliance.

Table 1: Subsidiary entities included in the organisational boundary

Legal entity name	ABN	ACN
Brisbane Economic Development Agency Pty Ltd	86 094 633 262	N/A
Brisbane Powerhouse Pty Ltd	18 091 551 290	N/A
Brisbane Sustainability Agency Pty Ltd	29 099 480 010	N/A
City of Brisbane Investment Corporation (CBIC) Pty Ltd	95 066 022 455	N/A
City Parklands Services Pty Ltd	72 068 043 318	N/A
Museum of Brisbane Pty Ltd	39 152 165 789	N/A
Oxley Creek Transformation Pty Ltd	47 084 763 253	N/A
TradeCoast Land Pty Ltd	15 111 428 212	N/A

3.EMISSIONS BOUNDARY

Council's 2021-22 Carbon Inventory was prepared in accordance with the *Climate Active Carbon Neutral Standard for Organisations* and relevant national legislation and international standards. These include:

- *National Greenhouse and Energy Reporting (Measurement) Determination 2008 (NGER Measurement Determination), Compilation No. 13, July 2021*
- *Greenhouse Gas (GHG) Protocol Corporate Accounting and Reporting Standard, 2004*
- *GHG Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard, 2011.*

All direct emissions (scope 1) and indirect emissions from purchased electricity (scope 2) arising from the activities of the included entities have been identified and included within the emissions boundary. Other indirect supply chain emissions occurring as a result of the included entities' activities (scope 3) were considered by Council and have been included within the emissions boundary, where deemed to be relevant and material. There were no emissions generating activities associated with TradeCoast Land Pty Ltd in 2021-22. Emissions generated from activities undertaken by Oxley Creek Transformation Pty Ltd were captured within Brisbane Sustainability Agency's operational footprint².

The *GHG Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard* was applied in the consideration of other scope 3 emissions sources. Council considered emissions from the 15 categories listed in Section 5.4 of the standard and sought to quantify emissions from all relevant sources. The following criteria were applied in determining the relevance of identified scope 3 emissions sources:

- the source is likely to be large relative to Council's fuel and electricity use
- the source has the potential to contribute to Council's greenhouse gas risk exposure
- the source is deemed to be relevant to key stakeholders
- Council has the potential to influence reductions from the source
- the source relates to emissions from outsourced activities previously performed in-house or activities outsourced by Council that are typically performed in-house by other local government authorities.

When assessing whether scope 3 emissions sources were large relative to Council's fuel and electricity use, a one percent threshold was applied.

Emissions of carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) and sulphur hexafluoride (SF₆) were considered in preparing Council's carbon account. All emissions are accounted for in tonnes of carbon dioxide equivalent (tCO₂-e). No PFC or SF₆ emissions were identified in 2021-22.

Inside the emissions boundary

All emission sources listed in the emissions boundary are included in Council's carbon neutral claim. **Quantified emissions** have been assessed as relevant and are quantified in the Carbon Inventory. **Partially quantified emissions** have been assessed as relevant and are captured within the emissions boundary but are not wholly measured (quantified) in the Carbon Inventory. Further detail is available at Appendix C.

Outside the emissions boundary

Excluded emissions are those that have been assessed as not relevant to Council's operations and therefore fall outside of the emissions boundary and scope of the certification. These emissions are not part of Council's carbon neutral claim. Further detail is available at Appendix D.

² Oxley Creek Transformation Pty Ltd operated out of Brisbane Sustainability Agency's facilities in 2021-22.

Diagram 2: Emissions boundary



Data management plan for partially quantified emissions

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

The following emissions sources are included in the emissions boundary, but were only partially accounted for in 2021-22, due to gaps in available data. The data management plan below outlines how more rigorous quantification can be achieved for partially quantified emissions sources.

Table 2: Partially quantified emissions data management plan

Scope	Emissions source	Data management plan
3	Upstream leased assets – base building services	<p>Council and its subsidiaries occupy 20 leased facilities where base building services are provided by the lessor. In 2021-22, emissions have been quantified for nine Council facilities, including the primary tenancy at Brisbane Square, 69 Ann Street and facilities occupied by Brisbane Economic Development Agency, City Parklands Services Pty Ltd and Brisbane Sustainability Agency.</p> <p>Data will continue to be sought from all existing lessors on a voluntary basis to enable more comprehensive quantification in future carbon accounts. Where possible, new upstream leases will include provisions for annual data reporting requirements.</p>
3	Water use	<p>Water consumption data is currently available and associated emissions have been quantified for all Council owned facilities and 28 of 49 upstream leased sites.</p> <p>Data will continue to be sought from all existing lessors on a voluntary basis to enable more comprehensive quantification in future carbon accounts. Where possible, new upstream leases will include provisions for annual data reporting requirements.</p>

In addition, Council is continuing to rely on expenditure data and emissions factors developed using generalized input-output analysis³ to estimate emissions associated with several scope 3 sources, including construction materials and services. While the input-output factors are expected to generate conservative estimates of emissions associated with these sources, Council is working to improve the accuracy of its emissions calculations by moving to alternative activity-based methods, where available.

³ Input-output factors represent the emissions intensity of a dollar spent in a particular sector of the Australian economy and are derived from Australian Bureau of Statistics (ABS) data for total sector emissions and expenditure.

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Council is contributing to global efforts to reduce greenhouse gas emissions and mitigate the impacts of climate change through its carbon neutral commitment. To ensure we play our part, Council is committed to reducing our operational carbon footprint by at least 30% on 2016-17 levels by 2031-32 and aspires to 30% plus. In the longer term, Council is committed to achieving net zero emissions for our operations by 2050.

Council is working to continually reduce our operational greenhouse gas emissions by considering the emissions impact of all investment, procurement and operational decisions, including those relating to:

- constructing, purchasing, leasing, operating and maintaining infrastructure, buildings and facilities
- purchasing electricity and fuel
- purchasing goods and services
- purchasing, operating and maintaining plant, equipment and vehicles
- delivering municipal waste management and public transportation services
- managing and protecting the city's natural assets.

Council's *Emissions Reduction Strategy 2022-23 to 2027-28* (Emissions Reduction Strategy) outlines priority activities to be implemented over the next five years. These include enabling energy efficient behaviour by employees, adopting low or zero carbon technologies and processes, purchasing electricity from renewable energy sources, installing renewable energy generation systems and switching to less emissions-intensive fuels, goods or services.

Council will continue to monitor annual progress against the Emissions Reduction Strategy and periodically review its emissions reduction commitments, with a view to increasing ambition over time, as new opportunities emerge.

Emissions reduction actions

Since achieving carbon neutral certification in 2016-17, Council has made significant progress in the delivery of energy efficiency and emissions reduction projects, including:

- retrofitting more than 25,000 streetlights with energy efficient lamps and ensuring all new and replacement lamps in street and other public lighting applications are LEDs, where possible
- installing over 3 megawatts (MW) of solar photovoltaic (PV) systems across 88 sites, bringing total installed capacity to 3.27 megawatts (MW) in 2021-22
- including electric vehicles in Council's passenger fleet, ensuring all new buses utilise new generation, high-efficiency Enhanced Environmentally-friendly Vehicle (EEV) diesel engine technology, and trialling four fully electric buses on the popular City Loop route
- piloting eco-driving training with 370 Council bus drivers
- diverting organic waste from landfill through a dedicated green waste collection service, the Love Food Hate Waste campaign and launch of community composting hubs at 23 locations across the city
- utilising recycled asphalt to reduce requirements for bitumen and aggregate in asphalt production
- upgrading the heating system and insulation in the storage bins at the Eagle Farm asphalt plant, reducing energy consumed in maintaining the temperature of asphalt produced prior to delivery.

In addition, over the 18 years from 2003 to June 2022, Council purchased more than 1,100,000 megawatt hours (MWh) of electricity from renewable energy sources, reducing its greenhouse gas emissions by more than 989,000 tCO₂-e⁴, and purchased and cancelled around 4.5 million carbon offsets.

In 2021-22, Council implemented the following emissions reduction measures:

- purchased 44,881 MWh of electricity from renewable energy sources
- installed 388 kilowatts (kW) of solar PV systems on 18 community leased facilities
- ongoing utilisation of recycled asphalt, reducing bitumen and aggregate used in asphalt production.

⁴ Includes full fuel cycle emissions, i.e. scope 2 emissions associated with grid electricity generation and scope 3 emissions associated with energy extraction, production and transportation (E,P&T).

The table below provides a summary of the estimated annual emissions reductions achieved as a result of measures implemented in 2021-22.

Table 3: Emissions reduction actions

Scope	Emissions source	Action undertaken	Annual emissions reduction (tCO ₂ -e)
1, 3	Fuel combustion – transport	Replaced four diesel buses operating on the City Loop service over 12 months to 30 June 2022 with fully electric buses powered by renewable energy	140
2, 3	Electricity – buildings and facilities	Purchased 5,307 MWh of accredited GreenPower and purchased and voluntarily surrendered 39,574 Large-scale Generation Certificates (LGCs)	44,656
2, 3	Electricity – buildings and facilities	Installed 388 kW solar PV systems at 18 community leased facilities	593
3	Asphalt production input materials	Utilised recycled asphalt, reducing bitumen and aggregate used in asphalt production	1,245
Total annual emissions reduction			46,634

5.EMISSIONS SUMMARY

Emissions over time

Table 4: Emissions since base year

Reporting period		Total emissions (tCO ₂ -e)
Base year/year 1:	2016-17	623,659*
Year 2:	2017-18	635,352
Year 3:	2018-19	589,615
Year 4:	2019-20	596,882
Year 5:	2020-21	520,075
Year 6:	2021-22	574,453

* Base year emissions were re-calculated in 2021-22 to reflect improvements in data and changes in quantification methodologies since 2016-17. See following section for details.

Significant changes in emissions

The following table outlines significant changes in the 2021-22 carbon footprint.

Table 5: Changes in emissions from previous year

Emissions source	Current year emissions (tCO ₂ -e)	Previous year emissions (tCO ₂ -e)	Reason for change
Downstream leased assets	34,597	24,031	Emissions for this source have been partially quantified in previous years using activity data provided by lessees. With improved data coverage over time, 2021-22 activity data has been extrapolated to provide an estimate of emissions for the full portfolio.
Electricity – third-party controlled streetlights	35,529	38,949	Energy improvements by service provider.

In 2021-22, Council also re-calculated its base year inventory to reflect improvements in data and changes in quantification methodologies since 2016-17. While the overall impact of these changes has been small, with a 3% reduction from the initial reported footprint of 644,039 tCO₂-e to a revised footprint estimate of 623,659 tCO₂-e, there have been significant changes in some individual emissions sources. Material changes (greater than 5%) are outlined in Table 6 below.

Table 6: Changes in base year emissions

Emissions source	Re-calculated base year emissions (tCO₂-e)	Previous base year emissions (tCO₂-e)	Reason for change
Fugitive emissions – landfill	175,897	157,051	Increased Global Warming Potential (GWP) for methane.
Electricity use – buildings and facilities	26,261	49,404	Adoption of the market-based method for electricity accounting.
Asphalt production input materials	7,009	4,265	Adoption of updated emissions factors.
Downstream leased assets	35,503	9,808	Emissions for this source were partially quantified in 2016-17 using activity data provided by lessees. With improved data coverage over time, 2021-22 activity data has been used to provide an estimate of emissions for the full portfolio.
Employee commuting	13,832	7,701	Inclusion of data for subsidiaries and adoption of latest Climate Active emissions factors.
Energy Extraction, Production and Transportation (E, P&T)	0	21,740	Emissions for this source are now included in the emissions estimates for fuel combustion and electricity use.
Hired vehicles and equipment	9,359	27,086	Adoption of latest Climate Active emissions factors.
Horticultural services	2,155	13,429	Removal of tree maintenance emissions and adoption of latest Climate Active emissions factors. Tree maintenance services are reported separately with mowing services and quantified using activity data.
ICT equipment	2,604	10,480	Adoption of latest Climate Active emissions factors.
Machinery and equipment	1,903	0	Emissions from this source were previously excluded on the basis of immateriality but have more recently been included in Council's emissions boundary.
Motor vehicles	7,773	4,718	Adoption of latest Climate Active emissions factors.
Postage, courier and freight	1,507	238	Inclusion of missing data and adoption of latest Climate Active emissions factors.
Printing and publications	1,889	3,237	Adoption of latest Climate Active emissions factors.

Emissions source	Re-calculated base year emissions (tCO ₂ -e)	Previous base year emissions (tCO ₂ -e)	Reason for change
Professional services	10,954	14,663	Adoption of latest Climate Active emissions factors.
Quarry services	1,590	6,168	Emissions were previously quantified using expenditure data and have been re-calculated using activity data provided in subsequent reporting periods.
Third party-controlled streetlights	40,951	34,720	Inclusion of E, P&T emissions for scope 3 emissions sources and adoption of market-based method for electricity accounting.
Transportation components and systems	3,618	23,467	Previously reported emissions included spend on fuel, which has now been excluded from the emissions estimate. Fuel use emissions are reported separately. Adoption of latest Climate Active emissions factors has also contributed to the reduction in emissions.
Transport repairs and maintenance	2,184	6,760	Adoption of latest Climate Active emissions factors.
Upstream leased assets – base building	2,881	64	Emissions for this source continue to be partially quantified but data coverage has improved over time enabling a more comprehensive emissions estimate.
Waste	5,787	7,572	Adoption of latest Climate Active emissions factors for recycling.
Water	1,898	626	Adoption of latest Climate Active emissions factors.

Use of Climate Active carbon neutral products and services

Table 7: Climate Active carbon neutral products and services

Certified brand name	Product or service used
N/A	

Organisation emissions summary

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

Table 7: Emissions summary

Scope	Emissions category	Emissions (tCO ₂ -e)
1, 3	Fuel combustion – stationary energy	11,650
1, 3	Fuel combustion - transport	109,607
1, 3	Fuel use – oils and greases	93
1	Fugitive emissions – landfill	117,989
1	Fugitive emissions – refrigerants	3,297
2, 3	Electricity use – buildings and facilities	0
2, 3	Electricity use – Council controlled streetlights	0
3	Asphalt production input materials	8,287
3	Business travel – accommodation	14
3	Business travel – flights	158
3	Business travel – rental cars	1
3	Business travel – taxis	6
3	Cleaning services	1,523
3	Construction materials and services	130,455
3	Downstream leased assets	34,597
3	Employee commuting	12,476
3	Employee work from home	508
3	Ferries and boats	1,294
3	Ferry operations	5,729
3	Food and catering	384
3	Green waste processing and transportation	1,688
3	Hired vehicles and equipment	10,271
3	Horticultural services	2,622
3	ICT applications and services	12,217
3	ICT equipment	3,418

Scope	Emissions category	Emissions (tCO ₂ -e)
3	Machinery and equipment	3,127
3	Motor vehicles	6,540
3	Mowing and tree maintenance services	3,306
3	Municipal waste transportation	12,169
3	Office supplies	392
3	Paper use	122
3	Postage, courier and freight	1,662
3	Printing and publications	2,012
3	Professional services	13,563
3	Quarry services	1,435
3	Third party-controlled streetlights	35,529
3	Transportation components and systems	5,761
3	Transportation repairs and maintenance	1,463
3	Upstream leased assets – base building	2,618
3	Venue hire	390
3	Waste	14,509
3	Water use	1,572
Total emissions		574,453

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Table 8: Uplift factors

Reason for uplift factor	Emissions (tCO ₂ -e)
N/A – no uplift factors have been applied	0
Total footprint to offset <i>(total emissions from summary table plus uplift)</i>	574,453

6. CARBON OFFSETS

Offsets retirement approach

Table 9: Offset retirement summary

Offsets retirement approach: forward purchasing	
1. Total eligible offsets forward purchased and retired in last year's report	570,147
2. Total emissions footprint to offset for this report	574,453
3. Total eligible offsets retired and used for this report	4,306
4. Total eligible offsets forward purchased and retired for next year's report	577,996
5. Total eligible offsets forward purchased and retired for next year's report plus any remaining banked offsets to be carried over	582,302

Council forward purchases and cancels carbon offsets at the beginning of each reporting period. Forward purchases are based on the final carbon inventory for the previous year, with adjustments to account for any projected changes in the emissions profile in the reporting period.

A 'true-up' occurs following finalisation of the carbon inventory for the financial year, with any surplus offsets carried over for use in the subsequent reporting period. In the event that Council underestimates its emissions, additional offsets will be purchased and retired to cover the shortfall. Details of any carryover or shortfall will be included in the Public Disclosure Statement for the subsequent reporting period.

Council takes delivery of carbon offset units in its own public registry accounts, wherever possible. In this case, units are retired as allocated for use in a given reporting period. Where Council does not have an account in the registry that holds the particular type of carbon offset units purchased, the units may be transferred into the supplier's registry account and retired by the supplier on Council's behalf. In these instances, retirement is to occur at the time of purchase. Council maintains an internal record of its carbon offset holdings, including status, registry accounts and the reporting period to which the units are allocated.

Council considers the following criteria when undertaking carbon offset purchases:

- **Climate Active eligible** – all purchased offsets must be eligible for use under the Climate Active Carbon Neutral Standard for Organisations
- **Cost** – all purchased offsets are to represent value for money in line with Council's procurement principles, measured by price as well as merit against other criteria
- **Potential negative impacts** – any offset projects with negative economic, social, or environmental outcomes are to be avoided
- **Location** – it is desirable to purchase some offsets from local or Australian projects
- **Technology** – consideration is to be given to the technology applied in the offset project with a view to broadening the offset portfolio to include a range of technologies and spread investment risk
- **Positive impacts** – Council will favour offset projects that have a positive economic, social or environmental impact or provide co-benefits.

Council will only purchase offsets where it can be verified that the emissions reductions have occurred.

2021-22 offsets and forward purchase

Council forward purchased and banked 570,147 offset units to negate forecast 2021-22 emissions.

As Council's final 2021-22 carbon inventory resulted in a higher than forecast carbon footprint of 574,453 tCO₂-e, an additional 4,306 units have been retired for use in this reporting period.

Council's carbon footprint is forecast to increase to 577,996 tCO₂-e in 2022-23 and equivalent units have been forward purchased and banked to cover emissions in this period.

Offset units retired to negate Council's 2021-22 emissions and banked for use in 2022-23 are detailed in the offsets summary table below.

Co-benefits

The following table provides a summary of the co-benefits provided by the offset projects support by Council in 2021-22.

Table 10: Offset co-benefits

Project name and location	Proportion of offsets (%)	Co-benefits
Savannah burning projects, Queensland, Australia	1.3%	<ul style="list-style-type: none">Protects local environment, cultural sites, infrastructure and communities from devastating bushfires.Supports local economic development including job creation within remote aboriginal communities.
Revegetation and Human Induced Revegetation projects, Queensland, Australia	3.7%	<ul style="list-style-type: none">Support improved local environmental outcomes, including increased biodiversity and habitat value and mitigation of soil erosion and salinity risk.

Eligible offsets retirement summary

Table 11: Offsets cancelled for Climate Active carbon neutral certification

Project description	Type of offset units	Registry	Date retired	Serial numbers ⁵	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 (%)
Queensland savannah burning project (ERF104944)	ACCU	ANREU	22 Sep 2021	3,786,658,386 - 3,786,659,645	2019-20		1,260			1,260	0.2%
Queensland savannah burning project (ERF104944)	ACCU	ANREU	28 Oct 2020	3,786,643,386 - 3,786,658,367	2019-20		14,982	11,615		3,367	0.6%
Queensland savannah burning project (ERF104944)	ACCU	ANREU	22 Sep 2021	3,786,658,368 - 3,786,658,385	2019-20		18			18	0.003%
Queensland savannah burning project (ERF104944)	ACCU	ANREU	22 Sep 2021	3,786,669,685 - 3,786,672,324	2019-20		2,640			2,640	0.5%
Yarronvale human-induced regeneration project (ERF118295)	ACCU	ANREU	22 Sep 2021	3,789,856,421 - 3,789,866,420	2019-20		10,000			10,000	1.7%

⁵ Includes a hyperlink to registry transaction record, where units are held in a publicly accessible registry. Evidence of ACCU surrender is included in Appendix E.

Project description	Type of offset units	Registry	Date retired	Serial numbers ⁵	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 (%)
Energising India using solar energy projects	VCU	Verra	28 Oct 2020	7387-391257725-391357724-VCU-034-APX-IN-1-1931-01012019-30062019-0	2019		100,000	36,023		63,977	11.1%
Norley regeneration project	ACCU	ANREU	22 Sep 2021	3,792,800,957 - 3,792,802,090	2019-20		1,134			1,134	0.2%
Norley regeneration project	ACCU	ANREU	22 Sep 2021	3,792,800,889 - 3,792,800,956	2019-20		68			68	0.01%
Solar PV power project by Prayatna Developers Pvt Ltd	VCU	Verra	22 Sep 2021	8257-5502353-5503161-VCS-VCU-997-VER-IN-1-1782-17092016-31122016-0	2016		809			809	0.1%
Solar PV power project by Prayatna Developers Pvt Ltd	VCU	Verra	22 Sep 2021	8255-5501194-5502018-VCS-VCU-997-VER-IN-1-1782-01012018-03072018-0	2018		825			825	0.1%
Solar PV power project by Prayatna Developers Pvt Ltd	VCU	Verra	22 Sep 2021	8256-5502019-5502352-VCS-VCU-997-VER-IN-1-1782-01012017-31122017-0	2017		334			334	0.1%

Project description	Type of offset units	Registry	Date retired	Serial numbers ⁵	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 (%)
Hyundai project	VCU	Verra	22 Sep 2021	9032-62332762-62494949-VCS-VCU-260-VER-KR-1-786-01012017-30062017-0	2017		162,188			162,188	28.2%
Shandong Laiwu landfill gas recovery and power generation project	VCU	Verra	22 Sep 2021	9149-70890187-70919718-VCS-VCU-997-VER-CN-13-2260-01012018-31122018-0	2018		29,532			29,532	5.1%
Shandong Laiwu landfill gas recovery and power generation project	VCU	Verra	27 Sep 2021	9149-70919719-70919722-VCS-VCU-997-VER-CN-13-2260-01012018-31122018-0	2018		4			4	0.001%
Shandong Laiwu landfill gas recovery and power generation project	VCU	Verra	22 Sep 2021	9150-70954631-71021263-VCS-VCU-997-VER-CN-13-2260-01012017-31122017-0	2017		66,633			66,633	11.6%

Project description	Type of offset units	Registry	Date retired	Serial numbers ⁵	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 (%)
Shandong Laiwu landfill gas recovery and power generation project	VCU	Verra	22 Sep 2021	9147-70821264-70859900-VCS-VCU-997-VER-CN-13-2260-01012016-31122016-0	2016		38,637			38,637	6.7%
Wiralla regeneration project	ACCU	ANREU	22 Sep 2021	3,799,095,019 - 3,799,096,400	2019-20		1,382			1,382	0.2%
Wiralla regeneration project	ACCU	ANREU	22 Sep 2021	3,799,096,401 - 3,799,105,038	2019-20		8,638			8,638	1.5%
CECIC Gansu Yumen Changma no.3 wind farm project	VCU	Verra	22 Sep 2021	8898-52689947-52689951-VCS-VCU-997-VER-CN-1-728-01012017-31122017-0	2017		5			5	0.001%
CECIC Gansu Yumen Changma no.3 wind farm project	VCU	Verra	22 Sep 2021	8898-52689952-52739946-VCS-VCU-997-VER-CN-1-728-01012017-31122017-0	2017		49,995			49,995	8.7%
Mersin wind farm	GSVER	GSIR	22 Sep 2021	GS1-1-TR-GS753-12-2017-7210-962-48055	2017		47,094			47,094	8.2%

Project description	Type of offset units	Registry	Date retired	Serial numbers ⁵	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 (%)
Mersin wind farm	GSVER	GSIR	22 Sep 2021	GS1-1-TR-GS753-12-2016-7211-1666-18922	2016		17,257			17,257	3.0%
Mersin wind farm	GSVER	GSIR	22 Sep 2021	GS1-1-TR-GS753-12-2016-7211-18923-83272	2016		64,350			64,350	11.2%
Engenheiro Ernesto Jorge Dreher and Engenheiro Henrique Kotzian SHPs VCS project	VCU	Verra	6 Dec 2022	11575-341211301-341215606-VCS-VCU-291-VER-BR-1-708-01012017-31122017-0	2017		4,306			4,306	0.7%
Wiralla regeneration project	ACCU	ANREU	5 Dec 2022	3,799,105,039 - 3,799,107,906	2019-20		2,868		2,868		0.5%
Pingine regeneration project	ACCU	ANREU	5 Dec 2022	3,804,734,887 - 3,804,743,328	2020-21		8,442		8,442		1.5%
AACo beef cattle herd management project	ACCU	ANREU	5 Dec 2022	8,340,002,336 - 8,340,015,449	2021-22		13,114		13,114		2.3%
Piccaninny Plains carbon abatement project	ACCU	ANREU	5 Dec 2022	8,330,152,237 - 8,330,156,712	2021		4,476		4,476		0.8%

Project description	Type of offset units	Registry	Date retired	Serial numbers ⁵	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 (%)
Solar PV power project by Prayatna Developers Pvt Ltd	VCU	Verra	6 Dec 2022	8254-5474051-5501193-VCS-VCU-997-VER-IN-1-1782-01012019-03012020-0	2019		27,143		27,143		4.7%
Shandong Laiwu landfill gas recovery and power generation project	VCU	Verra	6 Dec 2022	9148-70859901-70890186-VCS-VCU-997-VER-CN-13-2260-01012019-31122019-0	2019		30,286		30,286		5.2%
Shandong Laiwu landfill gas recovery and power generation project	VCU	Verra	6 Dec 2022	9149-70919723-70954630-VCS-VCU-997-VER-CN-13-2260-01012018-31122018-0	2018		34,908		34,908		6.0%
Guohua Wulate Zhongqi Chuanjing phase II wind farm project	VCU	Verra	6 Dec 2022	7651-417224191-417274190-VCU-034-APX-CN-1-1200-01012019-31102019-0	2019		50,000		50,000		8.7%
Guohua Rongcheng phase II wind farm project	VCU	Verra	6 Dec 2022	8017-447964956-448014955-VCU-034-APX-CN-1-1301-01012019-30112019-0	2019		50,000		50,000		8.7%

Project description	Type of offset units	Registry	Date retired	Serial numbers ⁵	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 (%)
VCS grouped project for renewable power generation by Essel Mining and Industries Limited	VCU	Verra	6 Dec 2022	12155-392103333-392175112-VCS-VCU-999-VER-IN-1-1497-21022020-31122020-0	2020		71,780		71,780		12.4%
Ningxia Xiangshan wind farm project	VCU	Verra	6 Dec 2022	10430-214231645-214281644-VCS-VCU-997-VER-CN-1-1867-01032020-31122020-0	2020		50,000		50,000		8.7%
Ningxia Xiangshan wind farm project	VCU	Verra	6 Dec 2022	10430-214281645-214306644-VCS-VCU-997-VER-CN-1-1867-01032020-31122020-0	2020		25,000		25,000		4.3%
Ningxia Xiangshan wind farm project	VCU	Verra	6 Dec 2022	10430-214536024-214546023-VCS-VCU-997-VER-CN-1-1867-01032020-31122020-0	2020		10,000		10,000		1.7%

Project description	Type of offset units	Registry	Date retired	Serial numbers ⁵	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 (%)
Ningxia Xiangshan wind farm project	VCU	Verra	6 Dec 2022	10430-214374839-214414838-VCS-VCU-997-VER-CN-1-1867-01032020-31122020-0	2020		40,000		40,000		6.9%
Renewable solar power project by Shapoorji Pallonji	VCU	Verra	6 Dec 2022	8599-33108282-33178281-VCS-VCU-1491-VER-IN-1-1976-18042018-31122018-0	2018		70,000		70,000		12.1%
Chol Charoen Group wastewater treatment with biogas system I (Cholburi)	VCU	Verra	6 Dec 2022	13302-489603516-489610515-VCS-VCU-842-VER-TH-13-430-01012020-02032020-0	2020		7,000		7,000		1.2%
Chol Charoen Group wastewater treatment with biogas system I (Cholburi)	VCU	Verra	6 Dec 2022	13303-489611078-489611887-VCS-VCU-842-VER-TH-13-430-03032020-31122020-0	2020		810		810		0.1%

Project description	Type of offset units	Registry	Date retired	Serial numbers ⁵	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 (%)
CYY Global Plus wastewater treatment and biogas utilization project	VCU	Verra	6 Dec 2022	13286-489200111-489215118-VCS-VCU-1531-VER-TH-13-2296-15092019-31122019-0	2019		15,008		15,008		2.6%
Guangxi Longan biomass power project	VCU	Verra	6 Dec 2022	13310-490777328-490807327-VCS-VCU-785-VER-CN-1-1972-01062020-31122020-0	2020		30,000		30,000		5.2%
Engenheiro Ernesto Jorge Dreher and Engenheiro Henrique Kotzian SHPs VCS Project	VCU	Verra	6 Dec 2022	11575-341215607-341221300-VCS-VCU-291-VER-BR-1-708-01012017-31122017-0	2017		5,694		5,694		1.0%

Project description	Type of offset units	Registry	Date retired	Serial numbers ⁶	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 (%)
CYY Global Plus wastewater treatment and biogas utilization project	VCU	Verra	6 Dec 2022	13285-489158419-489189885-VCS-VCU-1531-VER-TH-13-2296-01012020-31052020-0	2020		31,467		31,467		5.4%
Total offsets retired this report and used in this report										574,453	
Total offsets retired this report and banked for future reports										577,996	

Table 12: Type of offset units used for this reporting period claim

Type of offset units	Quantity used for this reporting period claim (tCO ₂ -e)	Percentage of total (%)
Australian Carbon Credit Units (ACCUs)	28,507	5%
Verified Carbon Units (VCUs)	417,245	73%
Verified Emissions Reductions (VERs)	128,701	22%

⁶ Includes a hyperlink to registry transaction record, where units are held in a publicly accessible registry. Evidence of ACCU retirement is included in Appendix E.

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

The following RECs have been voluntarily surrendered to reduce electricity emissions under the market-based reporting method.

Table 13: REC summary

1. Large-scale Generation Certificates (LGCs)*	39,574
2. Other RECs	0

* LGCs in this table only include those surrendered voluntarily (including through Power Purchase Agreement arrangements) and does not include those surrendered in relation to the Large-scale Renewable Energy Target (LRET), GreenPower and jurisdictional renewables.

Table 14: RECs surrendered to reduce emissions

Project description	Type of units	Registry	Date surrendered	Accreditation code (LGCs)	Serial numbers ⁷	Generation year	Quantity (MWh)	Fuel source	Location
Bannerton Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVVCB9	46463-49626	2021	3,164	Solar	VIC
Visy WW Biomass Generator No 1	LGC	REC-Registry	8 Dec 2022	BEBMVC02	2525-3313	2021	789	Biomass	VIC
Visy WW Biomass Generator No 1	LGC	REC-Registry	8 Dec 2022	BEBMVC02	1683-2524	2021	842	Biomass	VIC
Lady Glenmaggie Hydro-electric	LGC	REC-Registry	8 Dec 2022	HYMIVC03	2514-3087	2020	574	Hydro	VIC

⁷ Evidence of REC surrender is included in Appendix F.

Project description	Type of units	Registry	Date surrendered	Accreditation code (LGCs)	Serial numbers ⁷	Generation year	Quantity (MWh)	Fuel source	Location
Lady Glenmaggie Hydro-electric	LGC	REC-Registry	8 Dec 2022	HYMIVC03	1762-1923	2020	162	Hydro	VIC
The Drop Hydro-electric	LGC	REC-Registry	8 Dec 2022	HYMINS09	1322-1348	2020	27	Hydro	NSW
Transpacific LFG	LGC	REC-Registry	8 Dec 2022	BEBGVC10	10936-15434	2022	4,499	Landfill gas	VIC
Woolworths Griffith North 1156 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPXNS11	107-139	2021	33	Solar	NSW
Woolworths Griffith North 1156 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPXNS11	69-106	2021	38	Solar	NSW
Woolworths Griffith North 1156 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPXNS11	39-68	2021	30	Solar	NSW
Woolworths Griffith North 1156 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPXNS11	16-38	2021	23	Solar	NSW
Woolworths Griffith North 1156 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPXNS11	42005	2021	15	Solar	NSW
Woolworths Brighton 5798 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVSA4	41760	2021	10	Solar	SA
Woolworths Brighton 5798 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVSA4	4	2021	1	Solar	SA
Woolworths Brighton 5798 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVSA4	3	2021	1	Solar	SA

Project description	Type of units	Registry	Date surrendered	Accreditation code (LGCs)	Serial numbers ⁷	Generation year	Quantity (MWh)	Fuel source	Location
Woolworths Brighton 5798 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVSA4	2	2021	1	Solar	SA
Woolworths Brighton 5798 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVSA4	1	2021	1	Solar	SA
Woolworths Christies Beach 5739 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVSA2	247-283	2021	37	Solar	SA
Woolworths Christies Beach 5739 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVSA2	213-246	2021	34	Solar	SA
Woolworths Christies Beach 5739 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVSA2	186-212	2021	27	Solar	SA
Woolworths Christies Beach 5739 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVSA2	164-185	2021	22	Solar	SA
Woolworths Christies Beach 5739 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVSA2	151-163	2021	13	Solar	SA
Woolworths Dickson 1073 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVAC29	72-91	2021	20	Solar	ACT
Woolworths Dickson 1073 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVAC29	53-71	2021	19	Solar	ACT
Woolworths Dickson 1073 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVAC29	30-52	2021	23	Solar	ACT
Woolworths Dickson 1073 Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVAC29	47453	2021	18	Solar	ACT

Project description	Type of units	Registry	Date surrendered	Accreditation code (LGCs)	Serial numbers ⁷	Generation year	Quantity (MWh)	Fuel source	Location
Elaine Wind Farm	LGC	REC-Registry	8 Dec 2022	WD00VC35	26731-26748	2021	18	Wind	VIC
White Rock Wind Farm	LGC	REC-Registry	8 Dec 2022	WD00NS12	21632-21938	2021	307	Wind	NSW
Gunning Wind Farm	LGC	REC-Registry	8 Dec 2022	WD00NS07	126858-126909	2021	52	Wind	NSW
Cullerin Range Wind Farm	LGC	REC-Registry	8 Dec 2022	WD00NS05	69479-71252	2021	1,774	Wind	NSW
Hamilton Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVQL85	23711-32855	2022	9,145	Solar	QLD
Hamilton Solar Farm	LGC	REC-Registry	8 Dec 2022	SRPVQL85	32856-40710	2022	7,855	Solar	QLD
Macarthur Wind Farm	LGC	REC-Registry	8 Dec 2022	WD00VC14	202243-212242	2021	10,000	Wind	VIC
Total RECs surrendered and used in this report							39,574		

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 an organisation'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	Activity data (kWh)	Emissions (kgCO ₂ -e)	Percentage of total (%)
Behind the meter consumption of electricity generated on-site	2,229,055	0	4%
Total non-grid electricity (behind the meter)	2,229,055	0	4%
LGCs purchased and voluntarily surrendered (kWh) (including PPAs and precinct LGCs)	39,574,000	0	69%
GreenPower	5,307,725	0	9%
Jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (applied to ACT grid electricity)	0	0	0%
Large-scale Renewable Energy Target (applied to grid electricity only)	10,247,844	0	18%
Residual electricity	-3,998	-3,978	0%
Total grid electricity	55,125,571	-3,978	96%
Total electricity consumed (grid + non-grid)	57,354,626	-3,978	100%
Renewable electricity	57,358,623	0	
Residual electricity	-3,998	-3,978	
Exported electricity generated on-site	332,008	-242,366	
Emissions (kgCO₂-e)		0	

Location-based method

The location-based method provides a picture of an organisation'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.

Location-based approach	Activity data (kWh)	Scope 2 emissions (kgCO ₂ -e)	Scope 3 emissions (kgCO ₂ -e)
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	55,125,571	44,100,457	6,615,069
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Total grid electricity (scope 2 and 3)	55,125,571	44,100,457	6,615,069
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	2,229,055	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Total non-grid electricity (behind the meter)	2,229,055	0	0
Total electricity consumed	57,354,626	44,100,457	6,615,069

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Partially quantified emission sources

The following sources emissions have been assessed as relevant and are captured within the emissions boundary but not fully measured (quantified) in the carbon inventory. They have only been partially quantified due to one of the following reasons:

1. **Immaterial:** <1% for individual items and no more than 5% collectively.
2. **Not cost-effective:** Quantification is not cost-effective relative to the size of the emission.
3. **Data unavailable:** Data is unavailable. 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 partially quantified emissions sources	1. Immaterial	2. Not cost-effective	3. Data unavailable	4. Maintenance
Upstream leased assets – base building services	No	No	Yes	No
Upstream water use	No	No	Yes	No

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emissions sources

The below emissions sources have been assessed as not relevant to Council's operations and outside of its emissions boundary. These emissions are not part of the carbon neutral claim.

Emissions 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:** Emissions from the 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 the source.
3. **Risk:** Emissions from the source contribute to the organisation's greenhouse gas risk exposure.
4. **Stakeholders:** Key stakeholders deem emissions from the source to be relevant.
5. **Outsourced:** The emissions are from outsourced activities previously undertaken within the organisational 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. Outsourced	Included in boundary?
Fugitive emissions – landfill (closed prior to 2016)	Yes	No	No	No	No	No
Fugitive emissions – landfill gas management	Yes	No	No	No	No	No
Investments	Yes	No	No	No	No	No
Municipal waste disposal at third party facilities	Yes	No	No	No	No	No
Office equipment	No	Yes	No	No	No	No
Other purchased goods and services	No	Yes	No	No	No	No

APPENDIX E: EVIDENCE OF ACCU RETIREMENT

Transferring Account

Account Number

AU-1216

Account Name

Brisbane City Council

Account Holder

BRISBANE CITY COUNCIL

Acquiring Account

Account Number

AU-1068

Account Name

Australia Voluntary Cancellation Account

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
AU	KACCU	Voluntary ACCU Cancellation			ERF104944					2019-20		3,786,658,386 - 3,786,659,645	1,260
AU	KACCU	Voluntary ACCU Cancellation			ERF104944					2019-20		3,786,658,368 - 3,786,658,385	18
AU	KACCU	Voluntary ACCU Cancellation			ERF104944					2019-20		3,786,669,685 - 3,786,672,324	2,640
AU	KACCU	Voluntary ACCU Cancellation			ERF118295					2019-20		3,789,856,421 - 3,789,866,420	10,000
AU	KACCU	Voluntary ACCU Cancellation			ERF119548					2019-20		3,792,800,957 - 3,792,802,090	1,134
AU	KACCU	Voluntary ACCU Cancellation			ERF119548					2019-20		3,792,800,889 - 3,792,800,956	68
AU	KACCU	Voluntary ACCU Cancellation			ERF116713					2019-20		3,799,095,019 - 3,799,096,400	1,382
AU	KACCU	Voluntary ACCU Cancellation			ERF116713					2019-20		3,799,096,401 - 3,799,105,038	8,638

Transaction Status History

Status Date	Status Code
22/09/2021 12:04:41 (AEST)	Completed (4)
22/09/2021 02:04:41 (GMT)	
22/09/2021 12:04:41 (AEST)	Proposed (1)
22/09/2021 02:04:41 (GMT)	
22/09/2021 12:04:41 (AEST)	Account Holder Approved (97)
22/09/2021 02:04:41 (GMT)	
22/09/2021 08:40:54 (AEST)	Awaiting Account Holder Approval (95)
21/09/2021 22:40:54 (GMT)	

Transferring Account

Account Number

AU-1216

Account Name

Brisbane City Council

Account Holder

BRISBANE CITY COUNCIL

Acquiring Account

Account Number

AU-1068

Account Name

Australia Voluntary Cancellation Account

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
AU	KACCU	Voluntary ACCU Cancellation			EOP100549					2021-22		8,330,152,237 - 8,330,156,712	4,476
AU	KACCU	Voluntary ACCU Cancellation			EOP101165					2020-21		3,804,734,887 - 3,804,743,328	8,442
AU	KACCU	Voluntary ACCU Cancellation			ERF116713					2019-20		3,799,105,039 - 3,799,107,906	2,868
AU	KACCU	Voluntary ACCU Cancellation			ERF132521					2021-22		8,340,002,336 - 8,340,015,449	13,114

Transaction Status History

Status Date	Status Code
05/12/2022 10:49:20 (AEDT) 04/12/2022 23:49:20 (GMT)	Completed (4)
05/12/2022 10:49:20 (AEDT) 04/12/2022 23:49:20 (GMT)	Proposed (1)
05/12/2022 10:49:19 (AEDT) 04/12/2022 23:49:19 (GMT)	Account Holder Approved (97)
05/12/2022 10:27:03 (AEDT) 04/12/2022 23:27:03 (GMT)	Awaiting Account Holder Approval (95)

APPENDIX F: EVIDENCE OF REC SURRENDER

Certificate activity log

The certificate activity log provides a consolidated transaction log of the certificates associated with your account. It will assist in reconciling your accounts certificate holdings.

Selecting the transaction hyperlink in the search results will take you to a new page showing further details about the transaction.

Surrender details

Surrender ID: 6156
Status: Accepted

Certificates offered: 39,574
Surrender type: Voluntary
Surrender reason: Altruistic purposes

Time surrender offer created: 7/12/2022 07:52:39
Performed by user: Christine Chambers (CHAMC59239)

Surrender note: To cover 2021 - 2022 carbon neutral claim for Brisbane City Council
Auditor note: Offer of voluntary surrender (Offer ID: 6115) has been accepted by the Clean Energy Regulator on 08/12/2022

Certificate details

10 records per page

Certificate type	Fuel source	Generation year	Creation year	Certificate quantity
LGC	Biomass-based components of municipal solid waste	2021	2022	1631
LGC	Hydro	2020	2021	763
LGC	Landfill gas	2022	2022	4499
LGC	Solar	2021	2021	3530
LGC	Solar	2022	2022	17000
LGC	Wind	2021	2021	12151

Showing 1 to 6 of 6 entries

← First ← Previous 1 Next → Last →



An Australian Government Initiative

