

PUBLIC DISCLOSURE STATEMENT

NEXTDC LIMITED

ORGANISATION & SERVICE CERTIFICATION FY2020–21

Australian Government

Climate Active Public Disclosure Statement





An Australian Government Initiative



NAME OF CERTIFIED ENTITY	NEXTDC Limited
REPORTING PERIOD	1 July 2020 – 30 June 2021 Arrears report
DECLARATION	To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.
	Simon Guzowski ESG & Investor Relations Manager 24 January 2023



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	10,398 tCO2-e (Organisation 10,271 tCO2-e & Service 127 tCO2-e)
THE OFFSETS BOUGHT	24% ACCUs, 76%CERs
RENEWABLE ELECTRICITY	Total renewables: Organisation 20.04% and Service 20%
TECHNICAL ASSESSMENT	12/07/2021 Michi Morris Ndevr Environmental Next technical assessment due: 12/07/2024

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2. CARBON NEUTRAL INFORMATION

Description of certification

NEXTDC (ABN 35 143 582 521) is certified Carbon Neutral by Climate Active for its Australian corporate operations under the Climate Active Carbon Neutral Standard for organisations. This organisation certification does not include the electricity consumed by customers in NEXTDC data centre facilities (eg. customer-owned equipment, such as servers).

NEXTDC's service certification is for NEXTDC's data centre services to Australian customers under the Climate Active Carbon Neutral Standard for services.

Based on an operational consolidation approach, the organisation carbon inventory boundary includes NEXTDC's head office in Brisbane and all operational data centres (referred to as facilities); B1 (Brisbane), B2, C1 (Canberra), M1 (Melbourne), M2, P1 (Perth), S1 (Sydney) and S2. Another facility that came online throughout the reporting period was considered for the timeframe it was in operation during the FY21 reporting period (Facility P2).

The reporting period for this organizational inventory is 1 July 2020 to 30 June 2021 (FY21). This is the fourth organisation inventory under the Standard and the baseline has been independently assured (FY18) to support the validity and transparency of the carbon neutral claim.

The reporting period for this service inventory is 1 July 2020 to 30 June 2021 (FY21). To establish the emission factor per functional unit, the certification uses FY19 as the baseline year, which was not offset. The functional unit for the service certification is tCO2e/kW of server capacity.

"At NEXTDC we feel passionate about building the infrastructure platform that is more reliable, secure and energy efficient to support our future generations for years to come.

Our mission is to help customers harness the power of the digital age to drive better business outcomes that are more sustainable, responsible and energy efficient. We are passionate about protecting our planet and we will achieve our company mission in the most sustainable and ethical way possible.

We are proud to be a part of the Climate Active carbon neutral program, and to have it help achieve our carbon neutral goals."



Organisation description

NEXTDC Limited ("NEXTDC", ABN 35 143 582 521) is a technology company publicly listed on the Australian Securities Exchange with revenues of \$249.9 million in the financial year 2020/21 (up 21% from FY20), serving 1,507 customers and over 736 partners.

NEXTDC is Australia's leading independent data centre operator with facilities across five capital cities including Brisbane, Canberra, Melbourne, Perth and Sydney with its headquarters being in Brisbane. It delivers Data Centre-as-a-Service solutions to its partners and customers, including colocation and connectivity solutions along with professional services such as Remote Hands technical assistance, business continuity and infrastructure management software. As of 30 June 2021, NEXTDC contracted 75.5 MW power utilisation and supported 14,718 interconnections.

With a focus on sustainability, NEXTDC delivers industry leading engineering solutions that champion innovative technologies designed to provide our customers with levels of energy efficiency that have never been achieved in the Australian data centre industry. For further information regarding NEXTDC's Investor Relations activities visit: https://www.nextdc.com/our-company/investor-centre.

NEXTDC's vision is to improve society through the advancement of technology and it is committed to delivering greater energy efficiencies and sustainable initiatives across its entire footprint. Climate change is one of the most challenging and complex issues facing the planet. NEXTDC recognises the need to continuously work towards building a sustainable environment, building resilience against the impacts of the changing climate and exploring new opportunities that arise as a result, including also supporting its customers' efforts to reduce their own carbon footprint.

For NEXTDC, Environmental Sustainability is about ensuring it focuses attention on measurable objectives to reduce the environmental impact of its data centres, including but not limited to:

- Design, commission and tune Mechanical and Electrical Plant (MEP) to maximise energy efficiency
- Reduce the risk of an environmental incident
- Minimise carbon emissions
- Minimise landfill contribution
- Minimise water usage
- Ethical treatment, recycling and/or disposal of industrial waste

NEXTDC acknowledges that our customers and data centres have increasing power requirements yearon-year. NEXTDC controls the non-IT power usage portion of the data centre environment, whereas customers control the IT power usage. The efficiency of NEXTDC's power usage is measured through Power Usage Effectiveness (PUE), an internationally accepted industry-standard metric used to rate the efficiency of data centres. This represents the ratio of total power consumption divided by the usable power delivered to customer IT equipment. A low ratio represents effective reuse and recycling of heat in a data centre facility. In FY21, the total power consumed by all NEXTDC facilities nationwide reached 345,988 MWh with the average PUE across all data centres being 1.4, which is in-line with NEXTDC's



target PUE of 1.4 and compares very favourably with an Australian industry average of approximately 1.7. This is however slightly higher than the 1.3 average recorded in FY20, due to two new facilities (S2 and P2) that were introduced in the last reporting period. Tuning activities for these facilities are underway to further optimise energy consumption.

Service description

NEXTDC offers connectivity and colocation solutions to our customers via an as-a-Service model, with power, security and connectivity provided to clients. Standard rack rental includes a power allocation provided in kW. Racks are installed in the data halls and connected to redundant power sources ready for the clients to install and operate their equipment with 100% uptime guaranteed. The data centres and the environment around the servers are under the operational control of NEXTDC, yet the demand for data services is driven by the customers usage. Activity data for electricity can be readily attributed to either corporate operations or specific customers, as racks of servers are allocated to specific customers.

The functional unit for the service certification is calculated on a cradle to grave basis and is tCO2e/kW of server capacity. NEXTDC carbon neutral service is an opt-in service offered to our customers since March 2021.



3. EMISSIONS BOUNDARY

ORGANISATION 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.



Organisation emissions boundary

Inside emissions boundary

Quantified

- Business travel, accommodation
- Business travel, flights
- Business travel, public transport
- Business travel, services
- Business travel, taxi, car share, car hire
- Diesel, stationary energy, NEXTDC load
- Diesel, transport combustion, company vehicles
- Electricity, solar generation
- Electricity, purchased from the grid, non-customer consumption
- Employee commuting
- Food and catering
- Freight downstream
- Refrigerant fugitives, NEXTDC server cooling
- Waste, cardboard recycling, NEXTDC load
- Waste, co-mingled recycling, NEXTDC load
- Waste, electrical (WEEE), NEXTDC load
- Waste, landfill, NEXTDC load
- Water, NEXTDC load
- Working from home

Non-quantified

- Marketing and customer acquisition (non-material)
- Security services (nonmaterial)
- Connectivity services (nonmaterial)

Outside emission boundary

Excluded

- Diesel, stationary energy, customer load*
- Electricity, purchased from the grid, customer server cooling*
- Electricity, purchased from the grid, customer server usage*
- Freight upstream*
- IT hardware rack housing *
- IT hardware servers and switches*
- Packaging server racks, cardboard *
- Packaging server racks, plastic *
- Refrigerant fugitives, customer server cooling*
- Waste, cardboard recycling, customer load*
- Waste, co-mingled recycling, customer load*
- Waste, electrical (WEEE), customer load*
- Waste, landfill, customer load*
- Water, customer server cooling*

*These emission sources are included in NEXTDC's Climate Active Service Certification boundary.



SERVICE 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 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.



Service emissions boundary

<u>Quantified</u>	Non-quantified
 Diesel, stationary energy, customer load Electricity, purchased from the grid, customer server cooling Electricity, purchased from the grid, customer server usage Electricity, solar generation Freight - upstream Freight - downstream IT hardware - rack housing IT hardware - servers and switches Packaging - server racks, cardboard Packaging - server racks, plastic Refrigerant fugitives, customer server cooling Waste, cardboard recycling, customer load Waste, co-mingled recycling, customer load Waste, landfill, customer load Waste, landfill, customer load Waste, customer server cooling 	n/a

Outside emission boundary

Non-attributable

- Business travel, accommodation*
- Business travel, flights*
- Business travel, public transport*
- Business travel, services*
- Business travel, taxi, car share, car hire*
- Diesel, stationary energy, NEXTDC load *
- Diesel, transport combustion, company vehicles *
- Electricity, purchased from the grid, noncustomer consumption*
- Employee commuting*
- Food and catering*
- Refrigerant fugitives, NEXTDC server cooling*
- Waste, cardboard recycling, NEXTDC load*
- Waste, co-mingled recycling, NEXTDC load*
- Waste, electrical (WEEE), NEXTDC load*
- Waste, landfill, NEXTDC load*
- Water, NEXTDC load*
- Working from home*

*These emission sources are included in NEXTDC's Climate Active Organisation Certification boundary.



Service process diagram

The following diagram is cradle to grave.

	Products Used in Operations	Non-attributable emission
Upstream emissions	 Freight - upstream IT hardware - rack housing IT hardware - servers and switches Packaging - server racks, cardboard Packaging - server racks, plastic 	 Business travel, accommodation* Business travel, flights* Business travel, public transport*
		Business travel, services*
	Operations	 Business travel, taxi, car share, car hire* Diesel, stationary energy, NEXTOC load *
	 Diesel, stationary energy, customer load Electricity, solar generation Electricity, purchased from the grid, 	Diesel, transport combustion, company vehicles *
	 customer server cooling Electricity, purchased from the grid, customer server usage Refrigerant fugitives, customer 	 Electricity, purchased from the grid, non- customer consumption* Employee commuting*
	server coolingWaste, cardboard recycling, customer load	 Food and catering* Refrigerant fugitives, NEXTDC server cooling* Waste, cardboard
Responsible entity	 Waste, co-mingled recycling, customer load Waste, landfill, customer load Water, customer server cooling 	 Waste, cardboard recycling, NEXTDC load* Waste, co-mingled recycling, NEXTDC load* Waste, electrical (WEFE)
		 NEXTDC load* Waste, landfill, NEXTDC load*
		 Water, NEXTDC load* Working from home*
		Marketing and customer acquisition (non-material) Security services (non-
		material)
Denmat	End of Life	Connectivity services (non-material)
Downstream emissions	 Freight - downstream Waste, electrical (WEEE), customer load 	*These emission sources are included in NEXTDC's Climate Active Organisation Certification boundary.





Data management plan for non-quantified sources

The non-quantified sources in the organisation emissions boundary are deemed non-material following the relevance test (see Appendix C). Also, the service emissions boundary has no non-quantified sources. Therefore, there are no non-quantified sources in the emission boundary that require a data management plan.



4.EMISSIONS REDUCTIONS

Emissions reduction strategy

Emission reduction actions are continually reviewed. The following environmental objectives were established for FY21:

- Design data centres using the latest technology to reduce energy use, improve indoor environment quality and reduce impact on the environment
- Operate data centres maximizing the designed intent.
- Minimise carbon emissions
- Minimise landfill contribution
- Minimise water usage
- Ethical treatment, recycling and/or disposal of industrial waste

NEXTDC is dedicated to the continuous monitoring and improvement of the management of its data centres. It is committed to:

- Energy Management: ensure each NEXTDC data centre is operated to the lowest seasonal Power Usage Effectiveness (PUE) rating, ensuring optimal energy efficient as possible when delivering services.
- Water Management: ensure each NEXTDC data centre reports on and works toward minimal water usage, tracking Water Usage Effectiveness (WUE).
- Waste Management: commit to a target goal of at least 90% of solid waste from our operation, with ongoing commitment to prevention, elimination or reduction of wasteful practices and recycling.
- Reduce emissions produced by NEXTDC facilities
- Renewable energy: NEXTDC is actively engaged in directly procuring and investing in renewable energy, to develop and execute a strategy that will ensure it transitions over the near to medium term, and
- Comply with all applicable legislative and regulatory requirements relating to energy and the environment.

NEXTDC's Energy and Environmental Policy has been established to achieve the above by setting meaningful and achievable objectives and targets, overseen by NEXTDC management.

NEXTDC customers and data centres will have increasing IT power requirements year-on-year. NEXTDC controls the non-IT power usage portion of the data centre environment. The performance of this is measured through the Power Usage Effectiveness (PUE) rating metric for each of its data centres. In FY21 NEXTDC's average PUE across all data centres was 1.4, which is in-line with NEXTDC's target PUE of 1.4 and compares very favourably with an Australian industry average of approximately 1.7. For further information regarding NEXTDC's Environmental Sustainability policy and activities visit: https://www.nextdc.com/about-us/environmental-sustainability.



Emissions reduction actions

As noted above, NEXTDC emission reduction actions are continually reviewed. The following environmental objectives were established for FY21:

- Design data centres using the latest technology to reduce energy use, improve indoor environment quality and reduce impact on the environment
- Operate data centres maximizing the designed intent.
- Minimise carbon emissions
- Minimise landfill contribution
- Minimise water usage
- Ethical treatment, recycling and/or disposal of industrial waste

During FY21, an internal review of effective water usage was conducted at every facility. This resulted in a water efficiency program which also included the implementation of additional metering devices at all facilities. This provided deeper analysis on water usage across our facilities and best practices. Some early outcomes included reduced consumption in some facilities and upgrading our chemical dosing systems and identifying leaks.

Moreover, in FY21, NEXTDC established its Zero Waste Management Program, building the roadmap to achieving Zero Waste certification by committing to 90% diversion from landfill. Some steps taken to improve our waste diversion rate include but are not limited to:

- Conducting a thorough audit/gap analysis to identify opportunities for efficiency and improvements
- Reduce the amount of waste being produced
- Standardise all our recycling bins
- Improve the graphics and signage on our bins
- Communication and awareness

The following reduction activities have continued to be carried out in FY21 in all our facilities:

- Clearly marked bins for separate recycling streams such as 'cardboard and packaging materials' are made available for all customers and staff in all NEXTDC facilities.
- NEXTDC does not permit disposal of e-waste in our general waste bins.
- E-waste (computers, phones, etc) disposal options for customers implemented.

Additionally, in FY21, M1 data centre 400kW rooftop solar array produced 792MWh in renewable energy, which provided an offset of over 847 tonnes of CO2. The array produced around 0.3% of the electricity used by NEXTDC's customers at M1, reduces our peak demand from the grid and continues to support the work of the City of Melbourne in achieving its sustainability and clean energy goals.

For further information regarding NEXTDC's Environmental Sustainability policy and emission reduction actions visit: <u>https://www.nextdc.com/about-us/environmental-sustainability</u>.



5.EMISSIONS SUMMARY

Emissions over time

As a growing company, NEXTDC's emissions has increased year on year and is expected from a company on the same business trajectory. As indicated by our emission reductions actions, NEXTDC is ensuring its growth is managed in a sustainable manner.

Emissions since base year – organisation certification		
		Total tCO ₂ -e
Base year:	2017-18	4,871
Year 1:	2018-19	5,866
Year 2:	2019-20	7,471
Year 3:	2020-21	10,271

This increase is also expected in NEXTDC service certification emissions per functional unit due to two facilities introduced in the last reporting period, where the tuning activities for these facilities are underway to further optimize energy consumption.

Emissions s	since base year – service certification	
		Emissions per functional unit (tCO ₂ -e)
Base year:	2017-18	0.428
Year 1:	2019-20	0.291
Year 2:	2020-21	0.323

Significant changes in emissions

The significant changes in emissions for both organisation and service certifications are emissions due to electricity consumption. For the organizational inventory, electricity emissions (market-based) increased by 47% from previous year activity data and represent 94% of the organisation total inventory. For the service inventory, electricity emissions (market-based) increased by 22% from previous year activity data and represent 98% of service total inventory.

The main reason for this increase in electricity emissions is due to including two new facilities (S2 and P2) into this reporting period FY21. These facilities are in the process to further optimize energy consumption. Moreover, as mentioned in the previous section, NEXTDC's emissions increase is expected as a growing company.

Even with this increase in electricity emissions, NEXTDC's average PUE across all data centres was 1.4 in FY21, which is in-line with NEXTDC's target PUE of 1.4 and compares very favourably with an Australian industry average of approximately 1.7.



Emission source name	Current year (tCO ₂ -e and/ or activity data)	Previous year (tCO ₂ -e and/ or activity data)	Detailed reason for change
Electricity – organisation certification	9,701.65	6,610.34	Organic growth and inclusion of S2 and P2 facilities

Emission source name	Current year (tCO ₂ -e and/ or activity data)	Previous year (tCO ₂ -e and/ or activity data)	Detailed reason for change
Electricity – service certification	287,863.66	235,474.67	Organic growth and inclusion of S2 and P2 facilities

Use of Climate Active carbon neutral products and services

This account has been prepared by Ndevr Environmental who provide Climate Active certified carbon neutral services.



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)	Sum of total emissions (tCO ₂ -e)
Accommodation and facilities	0	0	12.52	12.52
Air Transport (fuel)	0	0	0	0
Air Transport (km)	0	0	48.11	48.11
Bespoke	0	0	0.02	0.02
Carbon neutral products and services	0	0	0	0
Cleaning and Chemicals	0	0	0	0
Construction Materials and Services	0	0	0	0
Electricity	0	9701.65	0	9701.65
Food	0	0	57.87	57.87
Horticulture and Agriculture	0	0	0	0
ICT services and equipment	0	0	0	0
Land and Sea Transport (fuel)	0.14	0	0.01	0.14
Land and Sea Transport (km)	0	0	180.01	180.01
Machinery and vehicles	0	0	0	0
Office equipment & supplies	0	0	0	0
Postage, courier and freight	0	0	39.77	39.77
Products	0	0	0	0
Professional Services	0	0	0.72	0.72
Refrigerants	0	0	4.34	4.34
Roads and landscape	0	0	0	0
Stationary Energy	2.69	0	0.14	2.83
use for duplicates	0	0	0	0
Waste	0	0	138.46	138.46
Water	0	0	4.00	4.00
Working from home	0	0	80.89	80.89
x - removed	0	0	0	0
(blank)	0	0	0	0
Total	3	9702	567	10271



Service emissions summary

Stage	tCO ₂ -e
Products used in Operations	1,019.7
Operations	291,858
End of Life	0.21

No uplift factor was used for NEXTDC's organizational or service inventories.

Emissions intensity per functional unit (tCO2e/kW capacity)	0.323
Number of functional units to be offset (kW capacity)	391.07
Total emissions to be offset (tCO2e)	127



6.CARBON OFFSETS

Offsets strategy

Off	Offset purchasing strategy: In arrears							
1.	Total offsets previously forward purchased and banked for this report	0						
2.	Total emissions liability to offset for this report	10,398						
3.	Net offset balance for this reporting period	10,398						
4.	Total offsets to be forward purchased to offset the next reporting period	0						
5.	Total offsets required for this report	10,398						

Co-benefits

OFFSET PROJECT CATEGORY OVERVIEW

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 firebreaks, 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 traditional custodians.

The project meets the following Sustainable Development Goals







EXTRAORDINARY IMPACT

OFFSET PROJECT CATEGORY OVERVIEW

Across India, wind farms introduce clean energy to the grid which would otherwise be generated by coal-fired power stations. Wind power is clean in two ways: it produces no emissions and also avoids the local air pollutants associated with fossil fuels. Electricity availability in the regions have been improved, reducing the occurrence of blackouts across the area.

The projects support national energy security and strengthen rural electrification coverage. In constructing the turbines new roads were built, improving accessibility for locals. The boost in local employment by people engaged as engineers, maintenance technicians, 24-hour onsite operators and security guards also boosts local economies and village services.

The projects meet the following Sustainable Development Goals







Offsets cancelled for	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 (tCO₂-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	ACCU	ANREU	22 Dec2021	<u>8,329,145,499 -</u> <u>8,329,147,928</u>	2020-21	2,430	0	0	2,430	23.4%			
Enercon Wind Farms in Karnataka Bundled Project – 33 MW	CER	ANREU	22 Dec 2021	<u>200.868.186 -</u> <u>200.874.755</u>	2017	6,570	0	0	6,570	63.2%			
West Arnhem Land Fire Abatement (WALFA) Project	ACCU	ANREU	27 May 2022	<u>8,329,162,972 -</u> <u>8,329,163,008</u>	2020-21	37	0	0	37	0.4%			
Enercon Wind Farms in Karnataka Bundled Project – 33 MW	CER	ANREU	27 May 2022	<u>238,846,484 -</u> <u>238,847,176</u>	2017	693	0	0	693	6.7%			
Enercon Wind Farms in Karnataka Bundled Project – 33 MW	CER	ANREU	27 May 2022	<u>238,845,832 -</u> 238,846,483	2017	652	0	0	652	6.3%			
West Arnhem Land Fire Abatement (WALFA) Project	ACCU	ANREU	27 May 2021	<u>8,329,162,937 -</u> <u>8,329,162,971</u>	2020-21	35	0	19	16	0.2%			
Total offsets retired th	nis report ar	nd used in t	his report						10,398				
Total offsets retired th	nis report an	nd banked f	or future report	s				19					



Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Australian Carbon Credit Units (ACCUs)	2,483	24%
Certified Emissions Reductions (CERs)	7,915	76%



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
				Total LGCs surrendered th	nis report and used	l in this report	0		



APPENDIX A: ADDITIONAL INFORMATION

Additional of	Additional offsets cancelled for purposes other than 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)	Purpose of cancellation	

NA

NA

NA

NA

WEB CONTENT

NA

NA

NextDC

NA

https://www.nextdc.com/data-centres/environmental-sustainability

https://www.nextdc.com/resources-and-insights/blog/innovation-needed-lead-us-carbon-neutral-digital-transformation

https://www.nextdc.com/blog/staying-focused-data-centre-sustainability

NA

https://www.nextdc.com/resources-and-insights/blog/australias-first-data-centre-100-carbon-neutral-corporate-operations

https://www.nextdc.com/news/australias-first-nabers-5-star-rated-data-centre

https://www.nextdc.com/news/nextdc-s1-sydney-achieves-nabers-5-star-rating

VIDEOS

https://www.youtube.com/watch?v=yb-cllTneLY

Offsets Registry Retirement Information

Australian Government Clean Energy Regulator	Australian National Registry of Emissions Unit											
ANRELL Home										Logged in a	s: Andrew Grant / Industry User	
Account Holders	Transaction Details											
Accounts	Transaction details appear below.											
Unit Dosition Summary	Transaction Successfully Approved											
Drojacte												
Transaction Lon												
CER Notifications	Transaction ID	AU20815										
CERNOUICadons	Current Status	Completed (4)										
Public Reports	Status Date	22/12/2021 16:09:41 (A	EDT) MT)									
My Profile	Transaction Tune	22/12/2021 05:09:41 (G										
	Tanaaction type	Cancenation (4)										
	Transaction Initiator	Grant, Andrew William	noroid									
	Transaction Approver	Granic, Andrew William							150000			
	Comment	Retired on behalf of NE	XTDC Limited to me	et its organisational ol	bligations un	ider the Clima	ate Active cer	rtification for the peri	od FY20/21			
	Transferring Account				Acc	quiring Acco	ount					
	Account AU-2734 Number				Ac	ccount umber	AU-1068	3				
	Account Name Tasman Environmen Pty Ltd	ntal Markets			Ad	ccount Name	e Australia Account	a Voluntary Cancella	tion			
	Account Holder Tasman Environmen Pty Ltd	ntal Markets			Ac	ccount Hold	er Commo	nwealth of Australia				
	Transaction Blocks											
	Party Type Transaction Type	Original CP Current CP	ERF Project ID	NGER Facility ID	NGER Facil	lity Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
	AU KACCU Voluntary ACCU Cano	ellation	EOP100945						2020-21		8,329,145,499 - 8,329,147,928	2,430



Australian Government Clean Energy Regulator Australian National Registry of Emissions Units Logged in as: Andrew Grant / Industry User ANREU Home Transaction Details Account Holders Transaction details appear below. () Transaction Successfully Approved Unit Position Summary Transaction Log CER Notifications Transaction ID AU20816 Current Status Sending (91) Public Reports 22/12/2021 16:22:56 (AEDT) 22/12/2021 05:22:56 (GMT) Status Date My Profile Transaction Type Cancellation (4) Transaction Initiator Grant, Andrew William Thorold Transaction Approver Grant, Andrew William Thorold

Comment	Retired on behalf of NEXTDC Limited to meet its organisational obligation	ons under the Clir	mate Active certification for the period FY20/21.			
Transferring Acco	unt	Acquiring Account				
Account Number	AU-2734	Account Number	AU-2764			
Account Name	Tasman Environmental Markets Pty Ltd	Account Nar Account Hol	me Voluntary Cancellation – CP2 Ider Commonwealth of Australia			
Account Holder	Tasman Environmental Markets Pty Ltd					

Transaction Blocks

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Australian
National Registry
of Emissions Units

													Logged in a	is: Andrew Grant / Industry User		
Tra	ansac	tion De	tails													
Tra	insactio	on details	appear below.													
0	Tran:	saction S	uccessfully Approved													
To	ransact	tion ID		AU22390												
G	urrent	Status		Completed	(4)											
St	tatus D)ate		27/05/2022	18:59:13 (AE 08:59:13 (GN	ST) IT)										
To	ransact	tion Type		Cancellatio	n (4)											
Tr	ransact	tion Initia	itor	Grant, And	Grant, Andrew William Thorold											
To	ransact	tion App	rover	Grant, And	rew William Th	orold										
Co	ommer	nt		Retired on	behalf of NEX	TDC Limited for its	NEXTneutral product	to meet its Sen	vice obliga	ations under 1	the Climate Active o	ertification	for the period F	Y2021/22.		
Tra	nsferri	ing Acco	unt					Acquir	ring Acco	unt						
Ac	ccount umber		AU-2734					Acco Numi	unt ber	AU-1068	3					
Ac	ccount	t Name	Tasman Environmental Mark Pty Ltd	ets	S					Account Name Australia Voluntary Cancellation Account						
Ac	ccount	t Holder	Tasman Environmental Mark Pty Ltd	ets				Acco	unt Holde	er Commor	nwealth of Australia					
Tra	ansacti	on Block	\$													
Pa	arty :	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	U I	KACCU	Voluntary ACCU Cancellation			EOP100945						2020-21		8,329,162,972 - 8,329,163,008	37	

Australian Government Clean Energy Regulator	Australian National Registry of Emissions Units		
ANREU Home	Transaction Details		Logged in as: Andrew Grant / Industry User
Account Holders			
Accounts	Iransaction details appear below.		
Unit Position Summary	Transaction Successfully Approved		
Projects			
Transaction Log	Transaction ID	AU22391	
CER Notifications	Current Status	Sending (91)	
Public Reports	Status Date	27/05/2022 19:01:57 (AEST) 27/05/2022 09:01:57 (GMT)	
ing r toine	Transaction Type	Cancellation (4)	
	Transaction Initiator	Grant, Andrew William Thorold	
	Transaction Approver	Grant, Andrew William Thorold	
	Comment	Retired on behalf of NEXTDC Limited for its NEXTneutral product to meet	at its Service obligations under the Climate Active certification for the period FY2021/22.
	Transferring Account		Acquiring Account
	Account AU-2734 Number		Account AU-2764 Number
	Account Name Tasman Environmental Markets Pty Ltd	i i i i i i i i i i i i i i i i i i i	Account Name Voluntary Cancellation – CP2 Account Holder Commonwealth of Australia
	Account Holder Tasman Environmental Markets Pty Ltd	i	
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Australian Government Clean Energy Regulator	Australian National Registry of Emissions Units	;										
ANREU Home										Logged in as:	Andrew Grant / Industry User	
Account Holders	Iransaction Details											
Accounts	Transaction details appear below.											
Unit Position Summary	Transaction Successfully Approved											
Projects												
Transaction Log	Transaction ID	AU22389										
CER Notifications	Current Status	Sending (91)										
Public Reports	Status Date	27/05/2022 18:53:20 (A	EST)									
My Profile		27/05/2022 08:53:20 (G	MT)									
	Transaction Type	Cancellation (4)										
	Transaction Initiator	Grant, Andrew William 1	horold									
	Transaction Approver	Grant, Andrew William T	Grant, Andrew William Thorold									
	Comment	Retired on behalf of NE	XTDC Limited for its	NEXTneutral product	to meet its Service obligations under the Climate Active certification for the period FY2020/21.							
	Transferring Account					Acquiring Acco	unt					
	Account AU-2734 Number					Account Number	AU-2764					
	Account Name Tasman Environmenta	I Markets				Account Name	• Voluntary	Cancellation - CP2				
	Pty Ltd					Account Holde	er Common	vealth of Australia				
	Account Holder Tasman Environmenta Pty Ltd	I Markets										
	Transaction Blocks											
	Party Type Transaction Type	Original CP Current CP	ERF Project ID	NGER Facility ID	NGER	Facility Name	Safeguard	Kyoto Project #	<u>Vintage</u>	Expiry Date	Serial Range	Quantity
	IN CER Kyoto Voluntary Cancella	tion 2 2						IN-1299			238,845,832 - 238,846,483	652





APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions for both the organization and services 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 – Organisation certification

Market Based Approach	Activity Data (kWh)	Emissions (kgCO2e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	25,742	0	0%
Total non-grid electricity	25,742	0	0%
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	105,258	0	1%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	24,570	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	2,110,388	0	19%
Residual Electricity	9,040,935	9,701,651	0%
Total grid electricity	11,281,151	9,701,651	20%
Total Electricity Consumed (grid + non grid)	11,306,893	9,701,651	20%
Electricity renewables	2,265,957	0	
Residual Electricity	9,040,935	9,701,651	
Exported on-site generated electricity	0	0	
Emission Footprint (kaCO2e)		9,701,651	

Total renewables (grid and non-grid)	20.04%
Mandatory	19.81%
Voluntary	0.00%
Behind the meter	0.23%
Residual Electricity Emission Footprint (TCO2e)	9,702
Figures may not sum due to rounding. Renewable percentage can be above 100%	
Voluntary includes LGCs retired by the ACT (MWh)	105



Location Based Approach Summary – Organisation Certification

Organisation Certification		
Location Based Approach	Activity Data (kWh)	Emissions (kgCO2e)
ACT	129,827	116,845
NSW	6,464,127	5,817,715
SA	0	0
Vic	3,148,966	3,432,373
Qld	807,371	750,855
NT	0	0
WA	730,859	511,601
Tas	0	0
Grid electricity (scope 2 and 3)	11,281,151	10,629,388
ACT	0	0
NSW	0	0
SA	0	0
Vic	25,742	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Non-grid electricity (Behind the meter)	25,742	0
Total Electricity Consumed	11,306,893	10,629,388
Emission Footprint (TCO2e)	10,629	

Climate Active Carbon Neutral Electricity summary

Summary		
Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
NA	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.



Market Based Approach Summary -Service certification

Market Based Approach	Activity Data (kWh)	Emissions (kgCO2e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	570,017	0	0%
Total non-grid electricity	570,017	0	0%
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	3,133,155	0	1%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	731,359	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	62,618,618	0	19%
Residual Electricity	268,259,150	287,863,658	0%
Total grid electricity	334,742,282	287,863,658	20%
Total Electricity Consumed (grid + non grid)	335,312,300	287,863,658	20%
Electricity renewables	67,053,150	0	
Residual Electricity	268,259,150	287,863,658	
Exported on-site generated electricity	0	0	
Emission Ecotorint ($kaCO2e$)		287 863 658	

Total renewables (grid and non-grid)	20.00%
Mandatory	19.83%
Voluntary	0.00%
Behind the meter	0.17%
Residual Electricity Emission Footprint (TCO2e)	287,864
Figures may not sum due to rounding. Renewable percentage can be above 100%	
Voluntary includes LGCs retired by the ACT (MWh)	3,133



Location Based Approach Summary

Location Based Approach Activity Data (kWh) Emissions (kgCO2e) ACT 3,864,515 3,478,063 NSW 192,414,923 173,173,430 SA 0 0 Vic 93,733,922 102,169,975 Qld 22,973,764 21,365,600 NT 0 0 WA 21,755,159 15,228,612 Tas 0 0 Grid electricity (scope 2 and 3) 334,742,282 315,415,680 ACT 0 0 NSW 0 0 Vic 570,017 0 Vic 570,017 0 NT 0 0 Vic 570,017 0 Vic 570,017 0 ViA 0 0 NA 0 0 ViA 0 0 NT 0 0 Vic 570,017 0 Tas 0 0 Non-grid e	 service certification 		
ACT 3,864,515 3,478,063 NSW 192,414,923 173,173,430 SA 0 0 Vic 93,733,922 102,169,975 Qld 22,973,764 21,365,600 NT 0 0 WA 21,755,159 15,228,612 Tas 0 0 ACT 0 0 NSW 0 0 NSW 0 0 SA 0 0 Yas 0 0 Qid electricity (scope 2 and 3) 334,742,282 315,415,680 ACT 0 0 0 NSW 0 0 0 SA 0 0 0 Vic 570,017 0 0 Vic 570,017 0 0 WA 0 0 0 NT 0 0 0 WA 0 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed	Location Based Approach	Activity Data (kWh)	Emissions (kgCO2e)
NSW 192,414,923 173,173,430 SA 0 0 Vic 93,733,922 102,169,975 Qld 22,973,764 21,365,600 NT 0 0 WA 21,755,159 15,228,612 Tas 0 0 Grid electricity (scope 2 and 3) 334,742,282 315,415,680 ACT 0 0 NSW 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 NSW 0 0 SA 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 WA 0 0 Tas 0 0 Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed 335,312,300 315,415,680	ACT	3,864,515	3,478,063
SA 0 0 Vic 93,733,922 102,169,975 Qld 22,973,764 21,365,600 NT 0 0 WA 21,755,159 15,228,612 Tas 0 0 Grid electricity (scope 2 and 3) 334,742,282 315,415,680 ACT 0 0 NSW 0 0 SA 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 VA 0 0 Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed 335,312,300 315,415,680	NSW	192,414,923	173,173,430
Vic 93,733,922 102,169,975 Qld 22,973,764 21,365,600 NT 0 0 WA 21,755,159 15,228,612 Tas 0 0 Grid electricity (scope 2 and 3) 334,742,282 315,415,680 ACT 0 0 NSW 0 0 SA 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 Vid 0 0 NT 0 0 Vid 0 0 Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed 335,312,300 315,415,680	SA	0	0
Qld 22,973,764 21,365,600 NT 0 0 WA 21,755,159 15,228,612 Tas 0 0 Grid electricity (scope 2 and 3) 334,742,282 315,415,680 ACT 0 0 NSW 0 0 SA 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 VA 0 0 Tas 0 0 Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed 335,312,300 315,415,680	Vic	93,733,922	102,169,975
NT 0 0 WA 21,755,159 15,228,612 Tas 0 0 Grid electricity (scope 2 and 3) 334,742,282 315,415,680 ACT 0 0 NSW 0 0 SA 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 WA 0 0 Tas 0 0 Tas 0 0 Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Tas 0 315,415,680	Qld	22,973,764	21,365,600
WA 21,755,159 15,228,612 Tas 0 0 Grid electricity (scope 2 and 3) 334,742,282 315,415,680 ACT 0 0 NSW 0 0 SA 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 WA 0 0 Tas 0 0	NT	0	0
Tas 0 0 Grid electricity (scope 2 and 3) 334,742,282 315,415,680 ACT 0 0 NSW 0 0 SA 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 WA 0 0 Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed 335,312,300 315,415,680	WA	21,755,159	15,228,612
Grid electricity (scope 2 and 3) 334,742,282 315,415,680 ACT 0 0 NSW 0 0 SA 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 WA 0 0 Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed 335,312,300 315,415,680	Tas	0	0
ACT 0 0 NSW 0 0 SA 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 WA 0 0 Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed 335,312,300 315,415,680	Grid electricity (scope 2 and 3)	334,742,282	315,415,680
NSW 0 0 SA 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 WA 0 0 Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed 335,312,300 315,415,680	ACT	0	0
SA 0 0 Vic 570,017 0 Qld 0 0 NT 0 0 WA 0 0 Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed 335,312,300 315,415,680	NSW	0	0
Vic 570,017 0 Qld 0 0 NT 0 0 WA 0 0 Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed 335,312,300 315,415,680	SA	0	0
Qld 0 0 NT 0 0 WA 0 0 Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed 335,312,300 315,415,680	Vic	570,017	0
NT 0 0 WA 0 0 Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed 335,312,300 315,415,680	Qld	0	0
WA 0 0 Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed 335,312,300 315,415,680	NT	0	0
Tas 0 0 Non-grid electricity (Behind the meter) 570,017 0 Total Electricity Consumed 335,312,300 315,415,680	WA	0	0
Non-grid electricity (Behind the meter)570,0170Total Electricity Consumed335,312,300315,415,680	Tas	0	0
Total Electricity Consumed335,312,300315,415,680	Non-grid electricity (Behind the meter)	570,017	0
	Total Electricity Consumed	335,312,300	315,415,680

Emission Footprint (TCO2e)

315,416

Climate Active Carbon Neutral

Electricity summary			
Carbon Neutral electricity offset by Climate Active	Activity Data	Emissions	
Product	(kWh)	(kgCO2e)	
NA	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

Organisation non-quantified sources

The following sources have been non-quantified due to <u>one</u> 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. <u>Data unavailable</u> Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
- 4. Maintenance Initial emissions non-quantified but repairs and replacements quantified.

Relevant-non- quantified emission sources	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
Marketing and customer acquisition	Yes	No	No	No
Security services	Yes	No	No	No
Connectivity services	Yes	No	No	No

Service non-quantified sources

The following sources 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. <u>Data unavailable</u> Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
- 4. Maintenance Initial emissions non-quantified but repairs and replacements quantified.

There are no non-quantified sources for service certification.

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
NA	NA	NA	NA	NA

Service excluded emission sources

Attributable emissions sources can be excluded, but still counted as part of the carbon account if they meet all three of the criteria:

1. A data gap exists because primary or secondary data cannot be collected (no actual data).



- 2. Extrapolated and proxy data cannot be determined to fill the data gap (**no projected data**).
- 3. An estimation determines the emissions from the process to be **not material**.

All service excluded emission sources are included in the organisation emissions boundary.

	No actual data	No projected data	Immaterial
NA	NA	NA	NA



APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded sources - OrganisationInventory

The below emission sources have been assessed as not relevant to an organisation'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 five criteria. The five criteria are:

- <u>Size</u> The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions
- Influence The responsible entity has the potential to influence the reduction of emissions from a particular source.
- <u>Risk</u> The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
- 4. Stakeholders Key stakeholders deem the emissions from a particular source are relevant.
- <u>Outsourcing</u> 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.

To be deemed relevant an emission must meet two of the five relevance criteria. Excluded 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	Included in boundary?
Diesel, stationary energy, customer load	No	No	No	No	No	No*
Electricity, purchased from the grid, customer server cooling	Yes	No	No	No	No	No*
Electricity, purchased from the grid, customer server usage	Yes	No	No	No	No	No*
Freight – upstream	No	No	No	No	No	No*
IT hardware – rack housing	No	No	No	No	No	No*
IT hardware - servers and switches	No	No	No	No	No	No*

All organisation excluded emissions are included in NEXTDC's service certification.



Packaging – server racks, cardboard	No	No	No	No	No	No*
Packaging – server racks, plastic	No	No	No	No	No	No*
Refrigerant fugitives, customer server cooling	No	No	No	No	No	No*
Waste, cardboard recycling, customer load	No	No	No	No	No	No*
Waste, co-mingled recycling, customer load	No	No	No	No	No	No*
Waste, electrical (WEEE), customer load	No	No	No	No	No	No*
Waste, landfill, customer load	No	No	No	No	No	No*
Water, customer server cooling	No	No	No	No	No	No*

*Emission source excluded from Organisation certification boundary but included in Service certification boundary.



Non-attributable sources – Service Inventory

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.

Most non-attributable emission sources are included into NEXTDC's organisation certification boundary. The only non-attributable sources not included into either certifications (organisation and service) are: Marketing and customer acquisition, Security services, and Connectivity services.

Relevance test					
Non-attributable emission	The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions	The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.	Key stakeholders deem the emissions from a particular source are relevant.	The responsible entity has the potential to influence the reduction of emissions from a particular source.	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.
Marketing and customer acquisition	No	No	No	Yes	No
Security services	No	No	No	Yes	No
Connectivity services	No	No	No	Yes	No
Business travel, accommodation*	No	No	No	No	No
Business travel, flights*	No	No	No	No	No
Business travel, public transport*	No	No	No	No	No
Business travel, services*	No	No	No	No	No



Business travel, taxi, car share,	No	No	No	No	No
car hire*					
Diesel, stationary energy, NEXTDC load *	No	No	No	No	No
Diesel, transport combustion, company vehicles *	No	No	No	No	No
Electricity, purchased from the grid, non- customer consumption*	Yes	No	No	No	No
Employee commuting*	No	No	No	No	No
Food and catering*	No	No	No	No	No
Refrigerant fugitives, NEXTDC server cooling*	No	No	No	No	No
Waste, cardboard recycling, NEXTDC load*	No	No	No	No	No
Waste, co- mingled recycling, NEXTDC load*	No	No	No	No	No
Waste, electrical (WEEE), NEXTDC load*	No	No	No	No	No
Waste, landfill,	No	No	No	No	No



NEXTDC load*							
Water, NEXTDC load*	No	No	No	No	No		
Working from home*	No	No	No	No	No		

*Emission source non-attributable to Service certification but included in Organisation certification boundary.





An Australian Government Initiative

