

Australian Government

Climate Active

Public Disclosure Statement:

Commercial Building Portfolio



THIS DOCUMENT WILL BE MADE PUBLICLY AVAILABLE

**Responsible Entity:** Property NSW

**Commercial Portfolio Project Name:** GS-5402P - Property NSW - Commercial Portfolio - Initial

**Commercial Portfolio Overview:**

Property NSW continues to lead government agencies in implementation of energy and water conservation measures. These conservation measures have resulted in significant utility and cost savings to the portfolio and helped comply with the NSW Government Resource Efficiency Policy targets. In addition, we have reduced our emissions by 49% from the FY2018-19 baseline year.

- NABERS Energy and Water performance for the portfolio is heading towards best in class. The Portfolio NABERS Energy Rating is 5.3 stars and ranked joint 5th on the NABERS Sustainable Portfolios Index 2023.
- The Portfolio NABERS Water Rating is 5.5 stars and ranked joint 3rd on the NABERS Sustainable Portfolios Index 2023.
- We have installed 2.34MW of rooftop solar PV systems across the portfolio, with a plan to further expand the existing systems, where feasible.
- We have continued implementation of cost-effective energy conservation measures across the portfolio including LED lighting and controls upgrades, HVAC upgrades, BMS upgrades and IoT systems installations.
- Rainwater harvesting and implementation of low-water-reliant gardens have been implemented and will continue to be rolled out across the portfolio, where appropriate.
- Fifteen sites have a current NABERS Waste rating, and we are exploring opportunities to reduce our waste to landfill.

Total emissions offset	5383 tCO2-e
Offsets bought	100% ACCUs
Renewable electricity	49.4%

	B1 GS-5458P	B2 GS-5459P	B3 GS-5461P	B4 GS-5462P	B5 GS-5463P	B6 GS-5464P	B7 GS-5465P	B8 GS-5466P
<b>Building Address</b>	104-110 Banna Ave, Griffith, NSW 2680	120 Dalley St, East Lismore, NSW 2480	127 Otho St, Inverell, NSW 2360	130 Brisbane St, Dubbo, NSW 2830	140 William St, Bathurst, NSW 2795	159 Auburn St, Goulburn, NSW 2580	32 Sulphide St, Broken Hill, NSW 2880	346 Panorama Ave, Bathurst, NSW 2795
<b>Short description of building project</b>	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.
<b>Certified carbon neutral for whole or base building</b>	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building
<b>Carbon Neutral Certification Period</b> Certified by the GBCA against the Climate Active Carbon Neutral Standard for Buildings (the Standard) for the period:	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024
<b>Reporting Year Period</b> The building's nominated Green Star – Performance period constitutes 12 consecutive months from which data will be drawn for the purposes of the portfolio's Green Star – Performance assessment:	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022

	B9 GS-5467P	B10 GS-5468P	B11 GS-5469P	B12 GS-5470P	B13 GS-5471P	B14 GS-5472P	B15 GS-5473P	B16 GS-5474P
<b>Building Address</b>	35-37 Abbott St, Gunnedah, NSW 2380	37-39 Carrington Ave, Dubbo, NSW 2830	43-45 Johnston St, Wagga Wagga, NSW 2650	453-463 Kent St, Sydney, NSW 2000	49-51 Victoria St, Grafton, NSW 2460	5 O'Keeffe Ave, Nowra, NSW 2541	51-55 Currajong St, Parkes, NSW 2870	608 Ballina Rd, Goonellabah, NSW 2480
<b>Short description of building project</b>	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.
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<b>Carbon Neutral Certification Period</b> Certified by the GBCA against the Climate Active Carbon Neutral Standard for Buildings (the Standard) for the period:	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024
<b>Reporting Year Period</b> The building's nominated Green Star – Performance period constitutes 12 consecutive months from which data will be drawn for the purposes of the portfolio's Green Star – Performance assessment:	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022

	B17 GS-5475P	B18 GS-5476P	B19 GS-5477P	B20 GS-5478P	B21 GS-5479P	B22 GS-7532P
<b>Building Address</b>	61 Railway Pde, Lithgow, NSW 2790	66-68 Frome St, Moree, NSW 2400	83-85 Faulkner St, Armidale, NSW 2350	87 Cooper St, Cootamundra, NSW 2590	181-187 Anson St, Orange, NSW 2800	1 Reserve Rd, St Leonards, NSW 2065
<b>Short description of building project</b>	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.	Property NSW owned and managed commercial building; and tenanted by State Government Departments.
<b>Certified carbon neutral for whole or base building</b>	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building
<b>Carbon Neutral Certification Period</b> Certified by the GBCA against the Climate Active Carbon Neutral Standard for Buildings (the Standard) for the period:	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024	09/10/2023 to 08/10/2024
<b>Reporting Year Period</b> The building's nominated Green Star – Performance period constitutes 12 consecutive months from which data will be drawn for the purposes of the portfolio's Green Star – Performance assessment:	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022	1/07/2021 to 30/06/2022

Emissions Reduction Strategy	B1 GS-5458P	B2 GS-5459P	B3 GS-5461P	B4 GS-5462P	B5 GS-5463P	B6 GS-5464P	B7 GS-5465P	B8 GS-5466P
The Responsible Entity has achieved either: (The Green Star – Performance Certificate and associated Carbon Neutral Certificate are displayed on the Department’s website)								
At least a 4 Star Green Star – Performance Rating; or	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At least 8 out of 20 (base building) in the Greenhouse Gas Emissions credit; or	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At least 9 out of 23 (whole building) in the Greenhouse Gas Emissions credit.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Or, the Responsible Entity has provided the following commitment to achieve a minimum energy efficiency rating within three years of the building’s first carbon neutral certification:								

Emissions Reduction Strategy	B9 GS-5467P	B10 GS-5468P	B11 GS-5469P	B12 GS-5470P	B13 GS-5471P	B14 GS-5472P	B15 GS-5473P	B16 GS-5474P
The Responsible Entity has achieved either: (The Green Star – Performance Certificate and associated Carbon Neutral Certificate are displayed on the Department’s website)								
At least a 4 Star Green Star – Performance Rating; or	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At least 8 out of 20 (base building) in the Greenhouse Gas Emissions credit; or	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At least 9 out of 23 (whole building) in the Greenhouse Gas Emissions credit.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Or, the Responsible Entity has provided the following commitment to achieve a minimum energy efficiency rating within three years of the building’s first carbon neutral certification:								

Emissions Reduction Strategy	B17 GS-5475P	B18 GS-5476P	B19 GS-5477P	B20 GS-5478P	B21 GS-5479P	B22 GS-7532P
The Responsible Entity has achieved either: (The Green Star – Performance Certificate and associated Carbon Neutral Certificate are displayed on the Department’s website)						
At least a 4 Star Green Star – Performance Rating; or	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At least 8 out of 20 (base building) in the Greenhouse Gas Emissions credit; or	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At least 9 out of 23 (whole building) in the Greenhouse Gas Emissions credit.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Or, the Responsible Entity has provided the following commitment to achieve a minimum energy efficiency rating within three years of the building’s first carbon neutral certification:						

## 1. Carbon Neutral Information

Please refer to tables in the previous and subsequent sections for an overview of the portfolio's carbon neutral information.

Table 1. Emissions Boundary	B1 GS-5458P	B2 GS-5459P	B3 GS-5461P	B4 GS-5462P	B5 GS-5463P	B6 GS-5464P	B7 GS-5465P	B8 GS-5466P
<b>Base / Whole Building</b>	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building
The Responsible Entity has defined a set building's emissions boundary (in terms of geographic boundary, building operations, relevance & materiality) as including the following emission sources	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.
If an emission source cannot be quantified, please outline why	<p>The following are excluded on the basis that there is no reliable information on services:</p> <ul style="list-style-type: none"> <li>Scope 3: Carbon Neutral Certified Products and Services</li> <li>Scope 3: Transport</li> <li>Scope 3: Other Products and Services</li> <li>Scope 1, 2 &amp; 3: Other</li> </ul>	<p>The following are excluded on the basis that there is no reliable information on services:</p> <ul style="list-style-type: none"> <li>Scope 3: Carbon Neutral Certified Products and Services</li> <li>Scope 3: Transport</li> <li>Scope 3: Other Products and Services</li> <li>Scope 1, 2 &amp; 3: Other</li> </ul>	<p>The following are excluded on the basis that there is no reliable information on services:</p> <ul style="list-style-type: none"> <li>Scope 3: Carbon Neutral Certified Products and Services</li> <li>Scope 3: Transport</li> <li>Scope 3: Other Products and Services</li> <li>Scope 1, 2 &amp; 3: Other</li> </ul>	<p>The following are excluded on the basis that there is no reliable information on services:</p> <ul style="list-style-type: none"> <li>Scope 3: Carbon Neutral Certified Products and Services</li> <li>Scope 3: Transport</li> <li>Scope 3: Other Products and Services</li> <li>Scope 1, 2 &amp; 3: Other</li> </ul>	<p>The following are excluded on the basis that there is no reliable information on services:</p> <ul style="list-style-type: none"> <li>Scope 3: Carbon Neutral Certified Products and Services</li> <li>Scope 3: Transport</li> <li>Scope 3: Other Products and Services</li> <li>Scope 1, 2 &amp; 3: Other</li> </ul>	<p>The following are excluded on the basis that there is no reliable information on services:</p> <ul style="list-style-type: none"> <li>Scope 3: Carbon Neutral Certified Products and Services</li> <li>Scope 3: Transport</li> <li>Scope 3: Other Products and Services</li> <li>Scope 1, 2 &amp; 3: Other</li> </ul>	<p>The following are excluded on the basis that there is no reliable information on services:</p> <ul style="list-style-type: none"> <li>Scope 3: Carbon Neutral Certified Products and Services</li> <li>Scope 3: Transport</li> <li>Scope 3: Other Products and Services</li> <li>Scope 1, 2 &amp; 3: Other</li> </ul>	<p>The following are excluded on the basis that there is no reliable information on services:</p> <ul style="list-style-type: none"> <li>Scope 3: Carbon Neutral Certified Products and Services</li> <li>Scope 3: Transport</li> <li>Scope 3: Other Products and Services</li> <li>Scope 1, 2 &amp; 3: Other</li> </ul>
<b>Shared Services</b> Are shared services present within the project boundary which enable the building to fulfil its function? Y / N	N	N	N	N	N	N	N	N
<b>Shared Services – Emissions</b> If shared services are present, demonstrate how emissions from these services were apportioned for carbon neutral building certification	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



**Table 1. Emissions Boundary**

	B9 GS-5467P	B10 GS-5468P	B11 GS-5469P	B12 GS-5470P	B13 GS-5471P	B14 GS-5472P	B15 GS-5473P	B16 GS-5474P
Base / Whole Building	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building
The Responsible Entity has defined a set building's emissions boundary (in terms of geographic boundary, building operations, relevance & materiality) as including the following emission sources	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1,2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1,2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.
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<b>Shared Services</b> Are shared services present within the project boundary which enable the building to fulfil its function? Y / N	N	N	N	N	N	N	N	N
<b>Shared Services – Emissions</b> If shared services are present, demonstrate how emissions from these services were apportioned for carbon neutral building certification	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 1. Emissions Boundary	B17 GS-5475P	B18 GS-5476P	B19 GS-5477P	B20 GS-5478P	B21 GS-5479P	B22 GS-7532P
Base / Whole Building	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building	Whole Building
The Responsible Entity has defined a set building's emissions boundary (in terms of geographic boundary, building operations, relevance & materiality) as including the following emission sources	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1,2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.	All scope 1, 2 and 3 emissions as indicated by the GHG, Potable Water, Waste and Refrigerants Calculator.
If an emission source cannot be quantified, please outline why	<p>The following are excluded on the basis that there is no reliable information on services:</p> <ul style="list-style-type: none"> <li>• Scope 3: Carbon Neutral Certified Products and Services</li> <li>• Scope 3: Transport</li> <li>• Scope 3: Other Products and Services</li> <li>• Scope 1, 2 &amp; 3: Other</li> </ul>	<p>The following are excluded on the basis that there is no reliable information on services:</p> <ul style="list-style-type: none"> <li>• Scope 3: Carbon Neutral Certified Products and Services</li> <li>• Scope 3: Transport</li> <li>• Scope 3: Other Products and Services</li> <li>• Scope 1, 2 &amp; 3: Other</li> </ul>	<p>The following are excluded on the basis that there is no reliable information on services:</p> <ul style="list-style-type: none"> <li>• Scope 3: Carbon Neutral Certified Products and Services</li> <li>• Scope 3: Transport</li> <li>• Scope 3: Other Products and Services</li> <li>• Scope 1, 2 &amp; 3: Other</li> </ul>	<p>The following are excluded on the basis that there is no reliable information on services:</p> <ul style="list-style-type: none"> <li>• Scope 3: Carbon Neutral Certified Products and Services</li> <li>• Scope 3: Transport</li> <li>• Scope 3: Other Products and Services</li> <li>• Scope 1, 2 &amp; 3: Other</li> </ul>	<p>The following are excluded on the basis that there is no reliable information on services:</p> <ul style="list-style-type: none"> <li>• Scope 3: Carbon Neutral Certified Products and Services</li> <li>• Scope 3: Transport</li> <li>• Scope 3: Other Products and Services</li> <li>• Scope 1, 2 &amp; 3: Other</li> </ul>	<p>The following are excluded on the basis that there is no reliable information on services:</p> <ul style="list-style-type: none"> <li>• Scope 3: Carbon Neutral Certified Products and Services</li> <li>• Scope 3: Transport</li> <li>• Scope 3: Other Products and Services</li> <li>• Scope 1, 2 &amp; 3: Other</li> </ul>
<b>Shared Services</b> Are shared services present within the project boundary which enable the building to fulfil its function? Y / N	N	N	N	N	N	N
<b>Shared Services – Emissions</b> If shared services are present, demonstrate how emissions from these services were apportioned for carbon neutral building certification	N/A	N/A	N/A	N/A	N/A	N/A

## 2. Emissions Summary

**Table 2. Emissions Source – Summary  
(only for projects using the 15A NABERS pathway)**

	t CO2 –e B1 GS-5458P	B2 GS-5459P	B3 GS-5461P	B4 GS-5462P	B5 GS-5463P	B6 GS-5464P	B7 GS-5465P	B8 GS-5466P
Scope 1: Refrigerants	20.53037	12.7548099	8.7356472	7.831642	15.110186	8.186962	20.7207	36.8323795
Scope 1 (combustion of fuel), Scope 2 (electricity,) & Scope 3 (fuel & electricity) <sup>1</sup>	86	80	71	148	241	173	216	360
Scope 3: Water	0.37	0.08	0.16	0.4	0.31	0.41	0.59	0.6
Scope 3: Wastewater	0	0	0	0	0	0	0	
Scope 3: Waste (includes transport)	7.08955	11.69375997	4.036608	8.6144	7.443988	7.627176	13.11984	12.54483
<b>Total Emissions</b>	113.98992	104.5285699	83.9322552	164.846042	263.864174	189.224138	250.43054	409.9772095

**Table 2. Emissions Source – Summary  
(only for projects using the 15A NABERS pathway)**

	t CO2 –e B9 GS-5467P	B10 GS-5468P	B11 GS-5469P	B12 GS-5470P	B13 GS-5471P	B14 GS-5472P	B15 GS-5473P	B16 GS-5474P
Scope 1: Refrigerants	38.905622	27.98796	28.966301	17.8566465	22.5352785	9.373511	11.6121096	3.5005922
Scope 1 (combustion of fuel), Scope 2 (electricity,) & Scope 3 (fuel & electricity) <sup>2</sup>	96	170	113	569	221	173	217	29
Scope 3: Water	0.11	0.58	0.33	1.14	0.22	0.38	1.02	0.07
Scope 3: Wastewater	0	0	0	0	0	0	0	0
Scope 3: Waste (includes transport)	18.12954	10.1125206	5.945472	17.09511	11.0102	7.579806	17.192448	0.579539934
<b>Total Emissions</b>	153.145162	208.6804806	148.241773	605.0917565	254.7654785	190.333317	246.8245576	33.15013213

<sup>1</sup> Note: Total Gross emissions cannot be reported for buildings taking the NABERS pathway because only net electricity emissions are reported on the NABERS certificate.

<sup>2</sup> Note: Total Gross emissions cannot be reported for buildings taking the NABERS pathway because only net electricity emissions are reported on the NABERS certificate.

Table 2. Emissions Source – Summary (only for projects using the 15A NABERS pathway)	t CO2 –e B17 GS-5475P	B18 GS-5476P	B19 GS-5477P	B20 GS-5478P	B21 GS-5479P	B22 GS-7532P
Scope 1: Refrigerants	21.017906	10.316488	15.453935	10.545444	13.78741	68.9689
Scope 1 (combustion of fuel), Scope 2 (electricity,) & Scope 3 (fuel & electricity) <sup>3</sup>	405	54	100	107	177	811
Scope 3: Water	0.55	0.7	0.23	0.92	0.65	4.08
Scope 3: Wastewater	0	0	0	0	0	0
Scope 3: Waste (includes transport)	12.941388	10.7328	4.463958	8.58624	10.29831	103.81
<b>Total Emissions</b>	439.509294	75.749288	120.147893	127.051684	201.73572	987.8589

<sup>3</sup> Note: Total Gross emissions cannot be reported for buildings taking the NABERS pathway because only net electricity emissions are reported on the NABERS certificate.

Table 3. Emissions Source – Itemised	t CO2 –e All Buildings B1-B22
Transport	t CO2 –e
N/A for all assets	N/A
Total Emissions	N/A
Carbon Neutral products and services	t CO2 –e
N/A for all assets	N/A
Total Emissions	N/A
Other products and services	t CO2 –e
N/A for all assets	N/A
Total Emissions	N/A
Other	t CO2 –e
N/A for all assets	N/A
Total Emissions	N/A

### 3. Emissions over time

Only for recertified buildings. Please list 'N/A' if not required.

This section compares emissions over time between the current year with the previous year.

Table 4. Emissions since base year		t CO <sub>2</sub> –e B1 GS-5458P	B2 GS-5459P	B3 GS-5461P	B4 GS-5462P	B5 GS-5463P	B6 GS-5464P	B7 GS-5465P	B8 GS-5466P
Base Year:	2019-20	127.96539	121.8774499	110.7093272	197.6741586	453.53946	207.79326	303.4917	818.5135595
Year 1:	2020-21	94.33	89.94	89.79	154.069	328.332	196.86	264.03	725.19
Year 2:	2021-22	113.98992	104.5285699	83.9322552	164.846042	263.864174	189.224138	250.43054	409.9772095

Table 4. Emissions since base year		t CO <sub>2</sub> –e B9 GS-5467P	B10 GS-5468P	B11 GS-5469P	B12 GS-5470P	B13 GS-5471P	B14 GS-5472P	B15 GS-5473P	B16 GS-5474P
Base Year:	2019-20	198.706422	288.6592404	235.679229	904.6995465	292.3775985	302.899857	520.8089096	66.9603922
Year 1:	2020-21	165.585	258.88	206	708.52	246.59	238.94	361.51	50.23
Year 2:	2021-22	153.145162	208.6804806	148.241773	605.0917565	254.7654785	190.333317	246.8245576	33.15013213

Table 4. Emissions since base year		t CO <sub>2</sub> –e B17 GS-5475P	B18 GS-5476P	B19 GS-5477P	B20 GS-5478P	B21 GS-5479P	B22 GS-7532P
Base Year:	2019-20	587.192956	120.957688	157.381179	129.700404	310.19316	N/A
Year 1:	2020-21	557.07	74.38	153.78	103.43	236.84	1091.02
Year 2:	2021-22	439.509294	75.749288	120.147893	127.051684	201.73572	987.8589

Table 5. Summary: Emissions since base year (all buildings)

		t CO <sub>2</sub> –e
Base Year:	2019-20	6457.78
Year 1:	2020-21	6562.58
Year 2:	2021-22	5373.08

#### 4. Carbon Offsets Summary

Table 6. Offsets retired

Building  (or remove this” column if it’s offset as a portfolio)	Project description	Type of offset units	Registry	Date retired	Serial Numbers / hyperlink*	Vintage	Quantity	Eligible Quantity (tCO2e) (total quantity retired)	Quantity used in previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting claim	Percentage of total (%)
All Buildings B1-B22	North West Regeneration Project (ERF101671)	KACCU	ANREU	20/06/2022	<a href="#">8,342,896,487</a> = <a href="#">8,342,902,486</a> (ERF101671)	2021-22	6000	6000	0	1243	4757	88.37%
B22	Waroo Regeneration Project (ERF101730)	KACCU	ANREU	17/06/2021	<a href="#">3,808,367,530</a> = <a href="#">3,808,369,529</a> (ERF101730)	2021	2000	209	1791	0	209	3.88%
	North West Regeneration Project (ERF101671)	KACCU	ANREU	17/06/2021	<a href="#">8,325,566,858</a> = <a href="#">8,325,571,857</a> (ERF101671)	2021	5000	417	4583	0	417	7.75%
<b>Total offsets retired this report and used in this report</b>											5383	
<b>Total offsets banked for use future years: (if any)</b>											1243	

\* See Appendix B:



Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Australian Carbon Credit Units (ACCUUs)	5383	100%

Table 7. Additional offsets cancelled for purposes other than Climate Active Carbon Neutral Certification (N/A if not required)

Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible Quantity (tCO2-e)	Purpose of cancellation
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

5. Renewable Energy Certificate (REC) summary

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

Large-scale Generation certificates (LGCs)*	N/A
Other RECs	N/A

\* 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.

Table 8. REC Information

Building	Project supported by REC purchase	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total LGCs surrendered this report and used in this report								N/A		

Appendix A: Electricity Summary

Electricity emissions are calculated using a location-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.

Marked Based Approach - Total Renewables Summary*	B1 GS-5458P	B2 GS-5459P	B3 GS-5461P	B4 GS-5462P	B5 GS-5463P	B6 GS-5464P	B7 GS-5465P	B8 GS-5466P
Total renewables (grid and non-grid)	111,076.94	23,364.43	20,760.82	86,217.61	195,552.16	93,848.78	128,382.08	455,088.72
Mandatory *	18,683.26	17,404.52	15,465.05	32,003.78	44,242.67	24,979.26	46,714.37	52,640.32
Voluntary * - GreenPower	33,232.74	5,959.91	5,295.77	10,959.20	73,725.75	24,581.51	15,996.61	322,316.77
Behind the meter	59,160.95	-	-	43,254.63	77,583.75	44,288.01	65,671.10	80,131.63
Total residual electricity	22,387.86	75,967.37	67,501.98	96,435.69	115,526.94	64,741.62	138,228.12	149,633.18
Market Based Approach Emissions Footprint	21.38	72.55	64.46	92.10	110.33	61.83	132.01	142.90
Location Based Approach Summary	t CO2 –e							
Location Based Approach Emissions Footprint	32.45	73.76	65.54	101.47	126.22	70.88	146.10	159.80

**Note**  
The categories can include:  
\* Mandatory - contributions from the Large-scale Renewable Energy Target and jurisdictional renewable electricity targets (if matched by LGC surrenders).

\* Voluntary - contributions from LGCs voluntarily surrendered (including via Power Purchase Agreements) and GreenPower purchases.

Marked Based Approach - Total Renewables Summary*	B9 GS-5467P	B10 GS-5468P	B11 GS-5469P	B12 GS-5470P	B13 GS-5471P	B14 GS-5472P	B15 GS-5473P	B16 GS-5474P
Total renewables (grid and non-grid)	59,371.54	144,641.45	41,629.14	164,018.40	112,854.10	155,656.43	178,036.20	8,410.85
Mandatory *	17,631.57	28,450.06	31,010.18	122,179.82	47,937.17	37,377.15	45,720.43	6,265.37
Voluntary *	6,037.66	59,061.73	10,618.96	41,838.58	16,415.34	67,914.13	15,656.25	2,145.48
Behind the meter	35,702.32	57,129.66	-	-	48,501.59	50,365.15	116,659.52	-
Total residual energy	41,256.06	67,049.35	135,353.46	533,291.30	160,734.90	112,778.87	82,901.30	27,347.15
Market Based Approach Emissions Footprint	39.40	64.03	129.26	509.29	153.50	107.70	79.17	26.12
Location Based Approach Summary	t CO <sub>2</sub> –e							
Location Based Approach Emissions Footprint	46.52	75.44	131.43	517.82	164.85	118.62	101.61	26.55

#### Note

The categories can include:

\* Mandatory - contributions from the Large-scale Renewable Energy Target and jurisdictional renewable electricity targets (if matched by LGC surrenders).

\* Voluntary - contributions from LGCs voluntarily surrendered (including via Power Purchase Agreements) and GreenPower purchases.

Marked Based Approach - Total Renewables Summary*	t CO2 –e B17 GS-5475P	B18 GS-5476P	B19 GS-5477P	B20 GS-5478P	B21 GS-5479P	B22 GS-7532P
Total renewables (grid and non-grid)	251,028.79	67,011.01	104,538.91	28,820.88	143,047.84	227,441.33
Mandatory *	62,450.84	11,671.10	21,601.73	21,469.11	21,270.36	158,088.04
Voluntary *	94,497.52	3,996.59	7,397.18	7,351.76	40,301.85	54,134.80
Behind the meter	94,080.43	51,343.32	75,540.00	-	81,475.64	15,218.49
Total residual electricity	178,505.41	-401.21	18,747.39	93,708.52	11,365.36	674,805.27
Market Based Approach Emissions Footprint	170.47	-0.38	17.90	89.49	10.85	644.44
Location Based Approach Summary	t CO2 –e					
Location Based Approach Emissions Footprint	190.36	8.90	31.88	90.99	25.78	657.99

#### Note

The categories can include:

\* Mandatory - contributions from the Large-scale Renewable Energy Target and jurisdictional renewable electricity targets (if matched by LGC surrenders).

\* Voluntary - contributions from LGCs voluntarily surrendered (including via Power Purchase Agreements) and GreenPower purchases.