

**Ausgrid 2020-2021 Local Council Community Electricity Report**

Region	Local Government Area	Residential						Solar				Non-residential small-medium sites (0-160 MWh pa)		Non-residential large sites (>160 MWh pa)		Unmetered supply (eg. street lighting)	
		Daily average (kWh per customer per day)	MWh			Customer Numbers		Number of solar customers		Generation capacity (kWp)		Energy exported to the grid (MWh)	MWh	Number of Customers	MWh	Number of Customers	Total (MWh)
			General Supply	Off Peak Hot Water	Total	Off Peak	Total	Res	Non-Res	Res (kWp)	Non-Res (kWp)						
Sydney LGAs	BAYSIDE*	12.4	282,447	28,205	310,652	15,152	68,385	3,835	239	16,653	5,505	11,704	126,260	6,232	231,664	451	5,452
	BURWOOD	12.4	63,397	3,525	66,922	2,165	14,751	896	45	3,889	812	2,534	34,494	1,606	85,330	115	943
	CANADA BAY	13.4	179,613	8,194	187,806	4,960	38,539	2,190	107	10,523	4,043	7,356	59,313	2,859	116,647	216	1,906
	CANTERBURY-BANKSTOWN*	15.0	649,150	77,603	726,753	36,029	132,350	13,057	729	56,086	22,138	40,909	216,296	11,897	506,226	713	10,844
	CUMBERLAND**	12.8	100,807	8,459	109,266	3,966	23,332	2,280	155	9,179	5,029	7,006	66,374	2,648	129,533	231	2,469
	GEORGES RIVER*	14.7	274,548	39,403	313,951	18,966	58,545	5,312	204	24,206	5,762	15,778	83,392	5,458	157,453	238	4,360
	HORNSBY*	18.3	304,963	50,370	355,333	20,750	53,071	8,250	207	40,686	5,227	24,408	71,070	4,228	141,324	250	3,515
	HUNTERS HILL	21.6	41,192	2,997	44,189	1,342	5,597	498	14	2,535	185	1,306	7,886	443	14,224	26	351
	INNER WEST*	11.7	351,803	12,115	363,919	8,803	85,271	5,100	385	19,958	8,754	13,651	161,857	8,709	212,403	432	6,450
	KU-RING-GAI	21.9	325,971	33,122	359,093	14,743	44,944	5,210	112	29,157	2,787	13,909	52,995	2,716	92,572	170	3,491
	LANE COVE	15.6	89,969	4,158	94,127	2,253	16,532	1,203	48	6,251	911	3,276	34,715	1,597	59,713	136	1,131
	MOSMAN	18.0	89,036	3,734	92,770	1,867	14,121	719	26	4,077	449	2,072	21,195	1,220	16,164	47	898
	NORTH SYDNEY	11.6	163,938	4,870	168,808	2,780	39,708	694	75	3,070	1,460	1,897	115,932	6,305	189,261	353	1,681
	NORTHERN BEACHES*	16.2	573,906	60,944	634,849	31,244	107,534	11,475	407	55,394	9,404	32,749	188,089	11,282	294,507	508	7,123
	PARRAMATTA**	11.5	80,817	5,559	86,377	2,492	20,544	2,241	127	6,050	4,698	4,127	54,458	1,753	265,676	334	966
	RANDWICK	12.7	269,309	18,126	287,435	9,980	62,212	3,314	146	15,715	3,947	10,013	73,574	3,520	175,401	241	4,267
	RYDE	13.7	233,915	20,132	254,048	10,063	50,785	4,207	143	19,452	3,973	12,097	107,627	4,258	391,838	557	3,417
	STRATHFIELD	14.0	77,776	4,085	81,861	2,168	15,970	1,047	79	5,326	6,520	3,837	40,671	1,671	113,687	185	1,295
	SUTHERLAND	19.0	516,555	106,814	623,369	42,081	90,023	11,330	328	57,238	7,464	36,779	137,172	8,120	215,468	363	5,893
	SYDNEY	9.8	399,910	8,335	408,245	4,909	114,385	1,309	441	4,859	11,153	4,879	646,382	31,357	1,866,641	2,232	9,529
	WAVERLEY	13.0	159,637	4,506	164,143	3,144	34,492	1,329	64	6,275	1,286	3,737	49,438	2,727	95,555	162	1,555
WILLOUGHBY	14.9	163,490	7,778	171,268	4,524	31,532	2,471	141	12,242	3,375	7,098	99,355	5,071	248,921	338	1,871	
WOOLLAHRA	19.0	187,488	7,355	194,843	3,903	28,154	857	59	5,057	789	2,425	50,229	2,865	48,143	107	2,415	
Sub-total (Low Voltage)	14.9	5,579,637	520,389	6,100,026	248,281	1,150,777	88,824	4,281	413,879	115,671	263,548	2,498,776	128,542	5,668,351	8,804	81,821	
Non-Res (High Voltage)																3,119,795	267
Central Coast and Hunter LGAs	CENTRAL COAST*	16.5	749,994	175,439	925,433	80,849	153,586	27,926	866	129,951	25,729	94,070	208,283	12,158	507,257	710	12,061
	CESSNOCK	18.0	145,062	22,340	167,403	10,649	25,467	6,119	269	34,437	11,315	32,557	38,709	1,843	73,069	135	1,788
	LAKE MACQUARIE	16.9	433,831	106,993	540,824	53,161	87,604	19,815	539	96,356	12,552	71,404	118,245	6,796	189,172	392	5,388
	MAITLAND	16.8	186,156	27,389	213,546	13,032	34,800	8,541	268	46,886	8,038	36,535	59,162	2,960	91,107	171	3,476
	MUSWELLBROOK	20.2	43,568	10,160	53,728	4,443	7,289	1,306	94	7,704	1,825	6,401	28,307	1,347	19,973	52	905
	NEWCASTLE	13.7	311,806	53,494	365,300	29,894	73,208	11,139	561	49,787	20,393	46,487	156,676	8,036	263,850	515	6,591
	PORT STEPHENS	16.9	169,998	46,769	216,767	23,513	35,108	8,151	245	40,727	5,936	31,131	53,078	2,986	89,790	194	1,911
	SINGLETON	21.5	64,191	13,978	78,169	6,088	9,977	2,447	144	15,021	5,562	12,941	27,270	1,677	32,676	92	648
	UPPER HUNTER	20.1	34,745	7,855	42,600	3,524	5,799	1,143	109	6,751	1,869	5,987	20,683	1,251	8,937	27	576
	Sub-total (Low Voltage)	17.8	2,139,350	464,418	2,603,769	224,953	432,837	86,587	3,095	427,620	93,219	337,513	710,411	39,053	1,275,832	2,288	33,344
Non-Res (High Voltage)																2,343,712	185
Not assigned			794	109	903	38	108					31	1,639	63	2,191	8	69,804
<b>Total</b>		<b>15.1</b>	<b>7,719,782</b>	<b>984,916</b>	<b>8,704,698</b>	<b>473,273</b>	<b>1,583,723</b>	<b>175,411</b>	<b>7,376</b>	<b>841,499</b>	<b>208,890</b>	<b>601,092</b>	<b>3,210,826</b>	<b>167,658</b>	<b>12,409,881</b>	<b>11,551</b>	<b>184,969</b>

**Council boundaries and amalgamations**

\*During 2016-17 some local councils were amalgamated or changed boundaries including:

- a) Auburn council was amalgamated into either Cumberland or Parramatta LGAs
- b) Amalgamation of previous councils into: Bayside, Canterbury-Bankstown, Central Coast, Georges River, Inner West and Northern Beaches
- c) Part of Hornsby was amalgamated into Parramatta Council

\*\*Customers in the Cumberland and Parramatta councils are served by Ausgrid or Endeavour Energy depending on their specific location. This report only includes those customers in Ausgrid's network area

**Electricity usage notes**

1. Electricity use data is for the 2020-21 financial year is based on network bills issued up until December 2021 for homes, businesses and other customers in our network area.
2. Electricity use data for all metered low voltage customers has been split into four categories:
  - i) 'General Supply' refers to electricity used from the grid in residential properties excluding controlled load (off peak) hot water.
  - ii) 'Off peak hot water' refers primarily to controlled load residential usage primarily from storage hot water systems.
  - iii) 'Non-residential small-medium sites' refers to non-residential customers supplied at low voltage with annual usage from the grid typically less than 160 MWh per year as determined from network tariff assignment
  - iv) 'Non-residential large sites' refer to non-residential customers supplied at low voltage with annual usage from the grid typically greater than 160 MWh per year as determined from network tariff assignment
3. Unmetered supply consumption is for the street lighting for each local council, with other unmetered supplies allocated to "Not assigned" (eg. major road and other unmetered supplies)
4. "Not assigned" customers are customers outside the 32 Local Government Areas listed
5. "High voltage customers" are large non-residential customers connected at 11 kV or greater (eg. large industry, mining, transport infrastructure, utility infrastructure, some large universities and hospitals).  
Note: We have chosen not to release the information for high voltage customers by LGA due to confidentiality concerns
6. Customer numbers are the average number of customers over the financial year.
7. Solar energy generation is the total electricity exported to the grid from small solar power systems as recorded by electricity meters. The total includes electricity exported from both gross and net metered solar power systems.  
Note: this total does not include the solar power used directly within homes with a net metering arrangement.
8. Number of solar customers and solar panel capacity are figures recorded as connected by Ausgrid as at 30 June 2021 and information is derived from customer connection applications for embedded generation systems.
9. Year to year changes are strongly influenced by weather and other factors such as the COVID pandemic effects on business energy consumption. Data has not been corrected for weather variations or other factors.
10. Data should be used with caution when comparing with ABS data or other external data sources. Contact Ausgrid for assistance in interpreting data.

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