

Ausgrid 2018-19 Local Council Community Electricity Report

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)						
BAYSIDE*	12.5	275,638	29,477	305,115	15,530	66,978	2,842	190	9,173	3,901	5,848	136,397	5,968	247,791	472	6,424
BURWOOD	12.8	64,430	3,815	68,245	2,241	14,555	684	35	2,227	632	1,434	41,423	1,814	85,936	110	1,140
CANADA BAY	13.5	178,405	8,683	187,087	5,259	38,053	1,601	85	5,889	3,572	3,428	67,815	2,899	130,204	226	2,663
CANTERBURY-BANKSTOWN*	15.3	644,476	81,360	725,835	37,011	129,998	9,947	561	32,003	16,132	20,382	231,607	11,801	541,472	740	11,961
CENTRAL COAST*	16.5	737,559	169,939	907,498	81,335	151,040	21,015	674	75,425	19,186	55,255	222,132	11,905	541,974	722	12,493
CESSNOCK	19.0	145,116	22,061	167,177	10,761	24,125	4,329	204	19,434	4,745	11,923	43,136	1,809	71,970	134	2,186
CUMBERLAND**	13.3	102,960	9,101	112,060	4,096	23,049	1,788	118	5,312	3,596	3,833	69,427	2,605	149,244	240	2,549
GEORGES RIVER*	14.8	269,979	41,130	311,109	19,428	57,591	3,923	160	12,931	3,326	7,693	89,799	5,381	167,574	229	5,093
HORNSBY*	18.4	302,537	50,502	353,039	21,050	52,572	5,993	155	22,336	3,452	11,774	76,862	4,131	153,475	261	4,161
HUNTERS HILL	22.1	41,563	3,028	44,591	1,398	5,527	362	12	1,461	116	648	8,431	425	15,579	27	417
INNER WEST*	11.7	347,086	13,492	360,578	9,191	84,326	3,901	315	12,151	6,632	7,921	171,428	8,702	223,623	453	7,758
KU-RING-GAI	22.2	324,006	34,063	358,069	15,262	44,236	3,631	87	15,385	2,041	6,831	56,463	2,633	95,252	174	4,226
LAKE MACQUARIE	17.2	431,617	104,528	536,145	53,605	85,589	14,621	406	55,332	8,964	36,288	119,210	6,619	192,764	396	5,655
LANE COVE	15.9	86,791	4,417	91,208	2,381	15,730	878	42	3,565	770	1,703	37,351	1,490	60,735	137	1,407
MAITLAND	18.2	190,944	26,960	217,903	13,191	32,731	5,914	196	25,527	6,000	16,189	60,849	2,887	98,428	186	3,522
MOSMAN	17.9	87,810	4,014	91,824	1,962	14,076	492	19	2,163	217	997	21,953	1,219	18,057	57	907
MUSWELLBROOK	21.6	47,030	10,050	57,079	4,450	7,246	920	74	4,442	1,381	3,345	36,190	1,350	24,368	59	906
NEWCASTLE	14.0	313,648	52,861	366,510	30,202	71,728	8,332	413	28,581	11,414	38,062	173,336	7,865	279,430	514	6,860
NORTH SYDNEY	11.6	161,743	5,288	167,031	2,876	39,478	502	60	1,741	1,210	1,037	136,303	6,161	199,031	391	1,923
NORTHERN BEACHES*	15.8	553,259	63,637	616,897	32,454	106,646	8,262	286	30,565	6,079	16,804	205,695	11,082	316,996	523	9,915
PARRAMATTA**	11.6	76,628	5,686	82,313	2,544	19,487	1,897	102	3,452	3,922	2,731	58,562	1,713	287,686	330	1,013
PORT STEPHENS	17.1	168,317	45,148	213,465	23,588	34,180	5,984	165	23,578	3,834	15,702	54,773	2,920	98,840	192	2,153
RANDWICK	12.7	265,751	19,711	285,463	10,333	61,783	2,410	110	8,965	2,844	5,444	76,999	3,498	188,511	256	5,286
RYDE	13.8	230,973	21,524	252,497	10,392	50,127	3,049	99	10,426	2,700	5,789	112,963	4,144	430,840	554	4,035
SINGLETON	23.1	68,901	13,689	82,590	6,114	9,788	1,791	110	9,080	2,777	5,842	36,225	1,688	54,173	93	856
STRATHFIELD	14.5	79,130	4,330	83,460	2,275	15,764	780	59	2,913	4,186	1,609	41,233	1,573	117,984	183	1,544
SUTHERLAND	19.0	506,895	106,818	613,713	42,787	88,288	8,030	243	30,851	5,234	17,665	144,122	7,834	234,727	364	7,442
SYDNEY	10.1	405,347	9,190	414,537	5,006	112,491	1,007	395	3,121	8,667	2,624	765,552	31,234	2,188,958	2,805	9,992
UPPER HUNTER	21.5	37,417	7,606	45,023	3,524	5,737	879	94	4,482	1,673	3,333	27,044	1,245	12,118	35	532
WAVERLEY	13.0	157,047	5,169	162,217	3,334	34,174	971	57	3,641	1,099	3,743	54,462	2,713	110,685	163	1,660
WILLOUGHBY	14.9	160,995	8,393	169,388	4,846	31,229	1,797	108	6,765	2,203	3,718	116,980	5,009	278,867	355	2,249
WOOLLAHRA	18.9	184,467	8,129	192,596	4,070	27,907	631	43	3,155	588	1,333	55,203	2,891	51,202	110	2,640
<i>Not assigned</i>		755	117	872	44	98	31	8	187	582	22	1,179	39	2,664	2	64,448
<i>High voltage customers</i>												5,379,412	427			
Total	15.2	7,649,219	993,914	8,643,133	482,542	1,556,327	129,194	5,685	476,258	143,674	320,947	3,551,105	165,248	13,050,572	11,917	196,014

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 2018-19 financial year is based on network bills issued up until December 2019 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 2019 and information is derived from customer connection applications for embedded generation systems.
 - Note: corrections have been made to solar capacities due to data cleansing activities for the AEMO DER Register which includes correcting the misallocation of certain solar business customers in this dataset release
9. Year to year changes are strongly influenced by weather. 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.

For further information please email: sharinginformation@ausgrid.com.au