

Ausgrid 2019-2020 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	277,840	28,618	306,458	15,314	67,909	3,134	212	11,308	4,871	7,584	128,058	6,121	233,729	466	5,633
	BURWOOD	12.6	63,676	3,638	67,314	2,196	14,600	753	38	2,739	674	1,696	33,985	1,588	86,847	114	963
	CANADA BAY	13.3	177,872	8,305	186,177	5,075	38,223	1,805	99	7,294	3,950	4,406	60,293	2,812	123,356	221	2,441
	CANTERBURY-BANKSTOWN*	15.1	641,654	79,006	720,661	36,476	131,013	10,900	631	38,988	17,862	26,313	216,785	11,779	509,352	731	11,349
	CUMBERLAND**	13.1	101,905	8,697	110,602	4,027	23,149	1,908	129	6,195	4,167	4,519	66,148	2,618	138,884	237	2,536
	GEORGES RIVER*	14.6	269,980	39,761	309,741	19,182	58,079	4,351	181	15,977	3,850	9,931	84,134	5,405	158,750	233	4,934
	HORNSBY*	18.2	301,328	49,437	350,766	20,861	52,676	6,789	180	28,250	4,519	16,246	71,304	4,198	141,425	256	3,691
	HUNTERS HILL	21.8	41,256	2,965	44,220	1,368	5,557	424	13	1,927	126	858	7,963	436	14,420	26	390
	INNER WEST*	11.7	349,231	12,430	361,661	8,948	84,795	4,316	347	14,813	7,634	9,672	163,004	8,671	214,267	435	6,930
	KU-RING-GAI	21.8	321,931	32,887	354,818	15,004	44,658	4,187	94	19,783	2,238	9,144	53,447	2,680	93,260	173	3,810
	LANE COVE	15.5	88,120	4,203	92,323	2,323	16,350	1,001	44	4,439	807	2,233	34,769	1,555	59,379	135	1,131
	MOSMAN	18.0	88,281	3,897	92,177	1,915	14,064	580	23	2,842	372	1,289	20,820	1,213	16,502	52	898
	NORTH SYDNEY	11.7	164,683	5,107	169,790	2,825	39,654	581	67	2,281	1,286	1,290	124,810	6,143	189,370	374	1,841
	NORTHERN BEACHES*	16.0	563,225	61,731	624,956	31,937	106,979	9,414	342	38,716	7,488	21,566	192,443	11,142	295,043	517	7,577
	PARRAMATTA**	11.4	78,614	5,570	84,183	2,514	20,201	2,028	115	4,391	4,381	2,798	55,328	1,730	271,294	337	1,015
	RANDWICK	12.6	267,170	18,538	285,708	10,137	61,931	2,680	126	10,827	3,297	6,933	74,103	3,533	176,486	246	5,049
	RYDE	13.8	233,141	20,663	253,804	10,209	50,513	3,481	113	13,544	3,086	7,616	107,998	4,177	406,444	553	3,935
	STRATHFIELD	14.2	78,334	4,142	82,476	2,214	15,864	859	64	3,603	5,408	2,198	40,033	1,587	114,356	186	1,385
	SUTHERLAND	18.9	508,842	105,888	614,729	42,389	89,128	9,255	277	39,955	6,024	24,078	136,435	8,007	218,620	363	6,480
	SYDNEY	10.0	403,913	8,561	412,474	4,927	113,314	1,100	408	3,618	9,576	3,319	699,108	31,035	2,013,802	2,699	9,529
	WAVERLEY	13.0	158,137	4,784	162,921	3,229	34,303	1,083	60	4,469	1,214	2,604	51,176	2,721	101,197	161	1,624
WILLOUGHBY	14.9	161,838	7,989	169,826	4,672	31,313	2,032	122	8,627	2,437	5,120	107,076	5,026	262,893	343	1,998	
WOOLLAHRA	18.9	185,504	7,610	193,114	3,986	28,007	702	48	3,769	660	1,646	50,558	2,874	48,445	108	2,602	
	Sub-total (Low Voltage)	14.9	5,526,475	524,427	6,050,899	251,728	1,142,280	73,363	3,733	288,355	95,927	173,059	2,579,778	127,051	5,888,121	8,966	87,741
	Non-Res (High Voltage)														3,247,949	264	
Central Coast and Hunter LGAs	CENTRAL COAST*	16.4	740,013	171,827	911,841	80,967	152,054	23,843	764	95,305	22,654	64,508	205,419	11,916	511,600	720	12,349
	CESSNOCK	18.3	143,766	21,633	165,399	10,702	24,761	5,117	240	25,372	10,670	17,479	38,371	1,804	71,589	135	2,156
	LAKE MACQUARIE	17.0	431,483	103,986	535,469	53,325	86,467	16,858	467	71,202	10,350	48,976	114,994	6,673	182,208	388	5,388
	MAITLAND	17.4	186,509	26,372	212,881	13,102	33,584	6,981	234	33,511	7,002	23,975	57,758	2,904	92,526	179	3,525
	MUSWELLBROOK	21.2	45,972	10,090	56,062	4,432	7,238	1,075	79	5,559	1,496	4,469	34,282	1,346	23,641	57	910
	NEWCASTLE	13.7	310,556	52,335	362,891	29,934	72,361	9,502	474	36,451	17,629	30,682	158,203	7,910	267,042	508	6,591
	PORT STEPHENS	16.7	166,628	44,581	211,209	23,493	34,551	6,873	202	29,920	5,158	21,711	52,047	2,945	92,560	193	2,072
	SINGLETON	22.3	66,958	13,480	80,438	6,088	9,870	2,076	124	11,412	4,980	8,847	34,645	1,671	45,571	93	804
	UPPER HUNTER	21.0	36,709	7,493	44,202	3,520	5,756	1,004	103	5,439	1,776	4,610	24,176	1,240	10,388	33	549
		Sub-total (Low Voltage)	18.2	2,128,594	451,797	2,580,392	225,563	426,642	73,329	2,687	314,171	81,715	225,257	719,895	38,409	1,297,125	2,306
	Non-Res (High Voltage)														2,409,624	179	
Not assigned			782	110	892	40	103	12	1	38	37	25	1,638	51	906	3	62,881
Total		15.1	7,655,851	976,334	8,632,183	477,331	1,569,025	146,704	6,421	602,564	177,679	398,341	3,301,311	165,511	12,843,725	11,718	184,966

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 for the 2019-20 financial year is based on network bills issued up until February 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 2020 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.