

Ausgrid 2016-17 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)	Non-Res (kWp)						
BAYSIDE*	12.9	269,303	31,193	300,496	15,897	63,900	2,373	153	5,986	2,325	4,840	130,092	5,809	235,861	495	6,769
BURWOOD	13.2	63,531	4,236	67,766	2,342	14,058	584	27	1,538	313	1,196	38,104	1,807	93,472	111	1,263
CANADA BAY	13.8	180,327	9,447	189,773	5,537	37,636	1,268	69	3,533	1,117	2,644	66,357	2,877	139,326	247	2,767
CANTERBURY-BANKSTOWN*	15.6	630,841	86,489	717,330	38,166	126,201	8,423	427	21,412	6,764	16,278	229,914	11,687	560,717	771	12,276
CENTRAL COAST*	17.1	750,526	175,870	926,396	81,922	148,370	16,462	506	43,243	7,902	33,672	227,452	12,031	542,899	763	12,792
CESSNOCK	19.5	142,360	23,377	165,737	10,907	23,228	2,973	144	9,759	3,056	7,136	41,834	1,815	71,243	148	2,136
CUMBERLAND**	13.6	102,561	9,804	112,365	4,208	22,634	1,595	91	3,857	1,903	3,230	68,861	2,600	170,033	241	2,818
GEORGES RIVER*	15.2	271,564	43,852	315,416	19,890	56,750	3,267	137	8,194	1,992	6,482	93,688	5,446	171,812	252	5,255
HORNSBY*	19.3	310,228	53,082	363,310	21,443	51,511	4,781	111	13,012	1,803	9,499	78,293	4,080	157,346	264	4,693
HUNTERS HILL	22.6	42,095	3,233	45,328	1,458	5,506	274	12	860	90	540	9,263	436	16,771	27	445
INNER WEST*	11.9	348,985	14,563	363,549	9,515	83,393	3,036	245	7,356	4,333	6,058	175,714	8,818	228,322	472	8,190
KU-RING-GAI	23.3	333,938	36,749	370,687	15,723	43,562	2,741	70	8,475	882	5,120	57,744	2,619	96,113	175	4,365
LAKE MACQUARIE	17.9	435,783	107,728	543,511	54,139	83,415	11,058	309	30,699	4,981	25,133	120,799	6,455	205,383	407	5,734
LANE COVE	16.6	87,738	4,848	92,587	2,531	15,268	664	35	2,008	367	1,241	36,942	1,522	66,926	155	1,467
MAITLAND	18.7	185,285	28,097	213,382	13,311	31,215	3,966	142	12,054	2,286	9,555	59,391	2,894	92,100	196	3,532
MOSMAN	18.4	89,569	4,443	94,012	2,032	14,030	362	20	1,196	155	757	22,664	1,231	19,244	64	997
MUSWELLBROOK	21.9	47,720	10,333	58,052	4,492	7,252	686	59	2,651	878	2,373	30,211	1,348	26,925	75	934
NEWCASTLE	14.3	313,018	55,725	368,743	30,805	70,509	6,600	324	17,189	4,907	15,267	169,757	7,774	289,830	566	8,130
NORTH SYDNEY	11.9	163,674	5,743	169,417	2,970	38,914	383	60	1,039	984	787	143,467	6,311	212,432	428	2,104
NORTHERN BEACHES*	16.4	562,962	67,712	630,674	33,251	105,181	6,667	224	18,928	3,233	14,174	211,693	11,234	322,532	552	10,205
PARRAMATTA**	12.7	72,016	6,022	78,038	2,627	16,818	1,809	88	2,548	1,576	1,725	58,897	1,726	287,311	318	600
PORT STEPHENS	17.8	169,421	46,757	216,178	23,729	33,346	4,414	128	12,783	2,375	10,393	53,777	2,935	103,781	204	2,348
RANDWICK	13.1	271,944	21,584	293,527	10,775	61,518	1,814	86	5,084	837	4,016	77,697	3,465	196,026	278	6,617
RYDE	14.7	231,969	23,250	255,220	10,891	47,713	2,525	88	6,584	1,219	4,749	115,759	4,448	444,266	612	4,246
SINGLETON	23.9	70,209	14,410	84,620	6,166	9,687	1,270	75	4,913	1,273	4,015	31,935	1,694	50,242	103	867
STRATHFIELD	14.8	77,597	4,777	82,373	2,395	15,208	641	40	1,815	714	1,318	38,513	1,554	124,845	179	1,612
SUTHERLAND	19.8	516,586	112,234	628,820	43,591	86,846	6,146	202	17,137	2,638	12,861	143,490	7,466	246,160	372	7,874
SYDNEY	10.4	405,503	9,774	415,278	5,102	109,526	776	490	1,924	6,014	1,849	771,729	31,411	2,321,731	3,078	10,591
UPPER HUNTER	21.9	37,246	8,141	45,386	3,551	5,673	597	75	2,322	944	2,028	24,446	1,261	13,164	44	536
WAVERLEY	13.3	159,598	5,826	165,425	3,520	34,204	726	46	2,035	535	1,577	64,697	3,214	105,802	182	1,934
WILLOUGHBY	15.5	164,958	9,290	174,248	5,092	30,747	1,383	80	3,924	1,041	2,794	120,913	4,979	293,361	388	2,413
WOOLLAHRA	19.4	187,078	9,150	196,228	4,241	27,774	471	43	1,775	437	1,003	57,119	2,934	53,273	118	2,732
<i>Not assigned High voltage customers</i>		847	113	960	47	104	10	1	26	20	66	1,998	76	8,793	13	50,925
Total	15.7	7,696,982	1,047,851	8,744,833	492,265	1,521,699	100,745	4,607	275,857	69,893	214,375	3,573,213	165,956	13,187,622	12,693	190,168

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 2016-17 financial year based on network bills issued up until November 2017 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.
 - 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.
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).
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 that 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 2017.
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