

Electricity Consumption Report FY24

Electricity Consumption Report By Central Coast, Hunter & Upper Hunter LGA and Suburbs 2023 - 2024

Ausgrid is providing the following data on electricity consumption within our network area to be used in developing applications or by researchers. The data is from customer billing data and grouped by local government areas (LGA) and Central Coast, Hunter and Upper Hunter suburbs in Ausgrid's network.

Annual electricity consumption data by LGA and suburbs' is crucial for optimizing energy management, reducing costs, promoting sustainability, informing effective policy decisions and fostering sustainable communities. For utility companies, this data helps in understanding regional usage patterns, enabling more efficient energy distribution and infrastructure planning. By analysing consumption trends, utilities can identify areas with high demand and potential for energy-saving initiatives, ensuring a stable and reliable power supply. For local governments and policymakers, this data is essential in designing effective energy policies and regulations. It allows them to target specific suburbs with tailored programs to promote energy efficiency and reduce overall consumption. This can include incentives for renewable energy adoption, energy-efficient building codes, and public awareness campaigns. From an environmental perspective, understanding suburbs' electricity consumption is key to reducing carbon footprints and promoting sustainability. Accurate data supports the development of localized strategies to decrease reliance on fossil fuels and increase the use of renewable energy sources. Community-wide initiatives, such as bulk purchasing of energy-efficient appliances or solar panel installations, can be more effectively organized with accurate consumption data.

Average electricity consumption by geographic area can vary significantly due to several factors. These include differences in climate, the use of natural gas, the type of housing (house or apartment), type of business (commercial or industrial), and varying household socio-demographics or business types.

Electricity usage notes:

1. Electricity usage data is for the 2023-24 financial year which is based on network bills for the customers in our network area.
2. Electricity use data for all metered low voltage customers has been split into two categories:
 - i) 'Residential Usage' refers to electricity used from the grid in residential properties.
 - ii) 'Non-residential LV Usage' refers to non-residential customers supplied at low voltage with annual usage from the grid
3. "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 suburbs due to confidentiality concerns
4. Year to year changes are strongly influenced by weather and other factors on business energy consumption. Data has not been corrected for weather variations or other factors.
5. Data should be used with caution when comparing with ABS data or other external data sources.

If you are looking for ways you can reduce your bill check our Energy Saving resources at Ausgrid.com.au/waystosave!

For help in interpreting the data, please contact sharinginformation@ausgrid.com.au.

**Ausgrid Electricity Consumption Report by Central Coast and Hunter
LGA and Suburbs 2023 - 2024**

GIS_LGA	GIS_Suburb	FY 2023/2024	
		Residential Usage (MWh)	Non-residential LV Usage (MWh)
CENTRAL COAST	ALISON		
	AVOCA BEACH	14,378	2,858
	BAR POINT	440	
	BATEAU BAY	27,525	19,244
	BENSVILLE	7,197	271
	BERKELEY VALE	20,155	67,195
	BLACKWALL	5,396	415
	BLUE BAY	3,106	139
	BLUE HAVEN	13,179	723
	BOOKER BAY	3,995	203
	BOUDDI		
	BUDGEWOI	9,367	5,307
	BUFF POINT	8,923	932
	BUSHELLS RIDGE		
	CALGA	535	727
	CANTON BEACH	2,386	1,074
	CEDAR BRUSH CREEK	385	
	CENTRAL MANGROVE	956	3,305
	CHAIN VALLEY BAY	5,482	759
	CHARMHAVEN	6,933	15,090
	CHEERO POINT		
	CHITTAWAY BAY	4,422	2,120
	CHITTAWAY POINT	2,564	
	COLONGRA		
	COPACABANA	8,496	611
	CRANGAN BAY	264	
	DALEYS POINT	2,381	
	DAVISTOWN	7,288	1,565
	DOORALONG	1,099	
	DOYALSON	803	2,698
	DOYALSON NORTH	736	1,139
	DURREN DURREN		
	EAST GOSFORD	11,515	4,866
	EMPIRE BAY	6,734	1,530
ERINA	11,368	50,776	
ERINA HEIGHTS	1,583	2,873	
ETTALONG BEACH	13,771	6,500	
FORRESTERS BEACH	8,260	1,808	
FOUNTAINDALE	2,358	3,340	
FREEMANS			
GLENNING VALLEY	5,260		
GLENWORTH VALLEY			
GOROKAN	22,444	2,824	
GOSFORD	9,018	53,467	
GREEN POINT	15,485	4,482	

GREENGROVE		
GUNDERMAN	703	141
GWANDALAN	10,218	1,923
HALEKULANI	5,760	
HALLORAN		
HAMLIN TERRACE	17,437	14,869
HARDYS BAY	852	
HOLGATE	3,808	
HORSFIELD BAY	1,502	
JILLIBY	6,339	485
KANGY ANGY	1,178	400
KANWAL	9,100	6,819
KARIONG	13,160	6,268
KIAR		
KILLARNEY VALE	17,695	3,706
KILLCARE	2,196	616
KILLCARE HEIGHTS	3,027	
KINCUMBER	17,753	11,714
KINCUMBER SOUTH	1,196	
KINGFISHER SHORES	489	
KOOLEWONG	2,481	281
KULNURA	2,619	7,998
LAKE HAVEN	8,723	14,539
LAKE MUNMORAH	12,090	5,571
LEMON TREE		
LISAROW	12,678	32,233
LITTLE JILLIBY		
LITTLE WOBBY	286	
LONG JETTY	16,557	7,387
LOWER MANGROVE		
MACMASTERS BEACH	4,965	529
MAGENTA	1,776	2,038
MANGROVE CREEK		
MANGROVE MOUNTAIN	2,828	5,569
MANNERING PARK	6,793	1,659
MARDI	7,642	1,743
MARLOW		
MATCHAM	4,837	
MOONEY MOONEY	1,028	614
MOUNT ELLIOT	488	
MOUNT WHITE	674	973
NARARA	19,370	1,662
NIAGARA PARK	7,042	1,567
NORAH HEAD	2,767	1,499
NORAVILLE	7,600	1,635
NORTH AVOCA	7,261	
NORTH GOSFORD	10,202	6,241
OURIMBAH	10,171	9,540
PALM GROVE		
PALMDALE		
PATONGA	1,157	922

PEARL BEACH	3,126	469
PEATS RIDGE	1,354	8,073
PHEGANS BAY	1,232	
PICKETTS VALLEY	1,158	
POINT CLARE	9,684	1,850
POINT FREDERICK	5,241	1,722
POINT WOLSTONCROFT		
PRETTY BEACH	1,085	
RAVENSDALE		
ROCKY POINT	759	
SAN REMO	11,302	3,572
SARATOGA	10,567	1,093
SHELLY BEACH	3,032	1,779
SOMERSBY	4,459	47,047
SPENCER	864	
SPRINGFIELD	11,204	758
ST HUBERTS ISLAND	3,739	
SUMMERLAND POINT	7,494	760
TACOMA	1,670	
TACOMA SOUTH	727	
TASCOTT	4,669	
TERRIGAL	33,039	15,069
THE ENTRANCE	11,543	9,814
THE ENTRANCE NORTH	4,846	819
TOOWOON BAY	1,530	1,237
TOUKLEY	12,228	9,887
TUGGERAH	2,219	45,877
TUGGERAWONG	3,474	432
TUMBI UMBI	13,707	9,834
UMINA BEACH	45,505	14,432
WADALBA	7,480	3,505
WAGSTAFFE	993	
WALLARAH	1,121	
WAMBERAL	20,266	2,975
WARNERVALE	2,151	10,217
WATANOBBI	9,107	671
WENDOREE PARK	310	
WEST GOSFORD	3,538	33,417
WONDABYNE		
WOONGARRAH	12,049	1,601
WOY WOY	28,148	25,722
WOY WOY BAY	1,329	
WYBUNG		
WYOMING	25,642	12,119
WYONG	11,472	40,463
WYONG CREEK	2,427	444
WYONGAH	5,150	
YARRAMALONG	1,288	
YATTALUNGA	1,512	
Merged suburbs (resi <55, LV non-resi <15)	3,625	12,833

CESSNOCK	ABERDARE	6,205	1,067
	ABERMAIN	6,852	1,161
	ABERNETHY	802	
	ALLANDALE		
	BELLBIRD	7,446	1,048
	BELLBIRD HEIGHTS	2,279	
	BISHOPS BRIDGE		
	BLACK HILL	626	
	BRANXTON	2,988	6,516
	BRUNKERVILLE	708	
	BUCHANAN	825	2,817
	BUCKETTY	485	
	BUTTAI		
	CEDAR CREEK		
	CESSNOCK	37,939	43,376
	CLIFBLEIGH	5,517	
	CONGEWAI	614	
	CORRABARE		
	DAIRY ARM		
	EAST BRANXTON	4,795	
	ELLALONG	3,836	
	ELRINGTON	534	
	FERNANCES CROSSING		
	GRETA	9,373	2,498
	GRETA MAIN		
	HEDDON GRETA	7,252	1,787
	KEARSLEY	2,573	461
	KEINBAH		
	KITCHENER	1,898	
	KURRI KURRI	16,013	13,022
	LAGUNA	850	
	LOCHINVAR		
	LOVEDALE	2,242	6,138
	LOXFORD		
	MILLFIELD	3,518	305
	MOUNT VIEW	602	923
	MOUNT VINCENT	1,258	
	MULBRING	2,001	
	MURRAYS RUN	618	
	NEATH	1,166	
NORTH ROTHBURY	9,051	1,157	
NULKABA	2,866	1,722	
OLNEY			
PAXTON	3,429		
PAYNES CROSSING			
PELAW MAIN	2,767		
PELTON			
POKOLBIN	5,567	22,753	
QUORROBOLONG	1,781		
RICHMOND VALE			
ROTHBURY			
SAWYERS GULLY	1,817		
STANFORD MERTHYR	1,501		
STOCKRINGTON			

	SWEETMANS CREEK		
	WATAGAN	258	
	WESTON	10,507	1,471
	WOLLOMBI	1,313	399
	Merged suburbs (resi <55, LV non-resi <15)	3,386	10,360
LAKE MACQUARIE	ADAMSTOWN HEIGHTS	2,313	
	ARCADIA VALE	3,820	
	ARGENTON	3,757	4,181
	AWABA	1,239	778
	BALCOLYN	2,625	
	BALMORAL	1,903	
	BARNSLEY	4,782	754
	BELMONT	17,572	21,081
	BELMONT NORTH	15,770	3,258
	BELMONT SOUTH	2,744	1,251
	BENNETTS GREEN		10,333
	BLACKALLS PARK	7,547	447
	BLACKSMITHS	4,218	1,329
	BOLTON POINT	5,698	627
	BONNELLS BAY	10,466	2,620
	BOOLAROO	4,231	9,413
	BOORAGUL	3,415	2,684
	BRIGHTWATERS	2,554	
	BUTTABA	3,003	
	CAMERON PARK	20,172	10,755
	CAMS WHARF	1,263	512
	CARDIFF	15,103	31,511
	CARDIFF HEIGHTS	3,491	
	CARDIFF SOUTH	6,614	714
	CAREY BAY	2,255	642
	CATHERINE HILL BAY	2,920	438
	CAVES BEACH	10,309	2,557
	CHARLESTOWN	30,706	27,388
	COAL POINT	5,529	
	COORANBONG	18,062	6,823
	CRANGAN BAY		
	CROUDACE BAY	1,464	
	DORA CREEK	5,375	2,355
	DUDLEY	5,305	637
	EDGEWORTH	15,650	10,087
	ELEEBANA	15,761	1,049
	ELERMORE VALE		
	ERARING	763	
	FASSIFERN	1,637	1,266
	FENNELL BAY	4,456	597
	FISHING POINT	3,117	
	FLORAVILLE	4,143	
	FREEMANS WATERHOLE		
	GARDEN SUBURB	4,420	634
	GATESHEAD	7,330	12,121
	GLENDALE	8,440	18,868
	HIGHFIELDS	1,921	
	HILLSBOROUGH	1,686	
	HOLMESVILLE	3,962	570
	JEWELLS	6,897	2,483

KAHIBAH	5,520	1,097
KILABEN BAY	4,362	
KILLINGWORTH	1,875	
KOTARA SOUTH	2,801	
LAKE MACQUARIE		
LAKELANDS	3,326	
LITTLE PELICAN		
MACQUARIE HILLS	8,528	327
MANDALONG	1,363	538
MARKS POINT	4,684	822
MARMONG POINT	2,116	537
MARTINSVILLE	1,528	
MIRRABOOKA	2,214	
MOONEE		
MORISSET	8,720	18,750
MORISSET PARK	2,745	
MOUNT HUTTON	8,563	9,211
MURRAYS BEACH	1,880	
MYUNA BAY		
NEW LAMBTON HEIGHTS	4,230	
NORDS WHARF	2,495	
PELICAN	2,034	
PINNY BEACH		
RANKIN PARK	2,935	
RATHMINES	5,550	2,716
REDHEAD	7,581	4,032
RYHOPE		
SEAHAMPTON	823	
SILVERWATER	816	
SPEERS POINT	9,446	2,765
SUNSHINE	1,233	
SWANSEA	12,073	8,583
SWANSEA HEADS	1,485	
TERALBA	6,243	4,297
TINGIRA HEIGHTS	4,828	
TORONTO	14,550	23,845
VALENTINE	14,490	1,398
WAKEFIELD	423	
WANGI WANGI	7,785	2,455
WARNERS BAY	19,969	23,698
WEST WALLSEND	6,755	4,883
WHITEBRIDGE	6,797	1,420
WINDALE	7,727	1,220
WINDERMERE PARK	1,850	
WOODRISING	2,486	1,010
WYEE	7,628	5,497
WYEE POINT	3,174	
YARRAWONGA PARK	1,080	
Merged suburbs (resi <55, LV non-resi <15)	720	9,060

MAITLAND	ABERGLASSLYN	14,489	1,688
	ALLANDALE		
	ANAMBAH		
	ASHTONFIELD	10,705	4,691
	BERRY PARK	604	
	BISHOPS BRIDGE		
	BOLWARRA	3,686	452
	BOLWARRA HEIGHTS	8,537	
	CHISHOLM	11,807	1,351
	CLIFTFIELD		
	DUCKENFIELD		
	EAST MAITLAND	30,159	36,489
	FARLEY	2,254	
	GILLIESTON HEIGHTS	9,813	1,980
	GOSFORTH		
	GRETA		
	HARPERS HILL		
	HILLSBOROUGH		
	HORSESHOE BEND	905	
	LAMBS VALLEY		
	LARGS	4,594	737
	LOCHINVAR	4,991	1,650
	LORN	3,737	1,018
	LOUTH PARK	3,325	173
	LUSKINTYRE	775	432
	MAITLAND	5,171	25,632
	MAITLAND VALE	1,127	
	MELVILLE		
	METFORD	10,926	3,765
	MILLERS FOREST	1,117	
	MINDARIBBA		
	MORPETH	3,729	1,627
	MOUNT DEE		
	OAKHAMPTON	451	
	OAKHAMPTON HEIGHTS		
	OSWALD		
	PHOENIX PARK		
	PITNACREE		
	RAWORTH	5,012	786
	ROSEBROOK		
	RUTHERFORD	30,263	42,060
SOUTH MAITLAND	1,008	807	
TELARAH	5,847	2,446	
TENAMBIT	8,127	1,552	
THORNTON	25,375	19,523	
TOTAL			
WINDELLA	2,521		
WINDERMERE			
WOODBERRY	8,223	1,357	
WOODVILLE			
Merged suburbs (resi <55, LV non-resi <15)	4,876	2,880	

NEWCASTLE	ADAMSTOWN	12,983	8,257
	ADAMSTOWN HEIGHTS	10,251	979
	BAR BEACH	3,050	443
	BERESFIELD	8,543	22,942
	BIRMINGHAM GARDENS	5,685	238
	BLACK HILL	1,380	
	BROADMEADOW	4,173	15,689
	CALLAGHAN		
	CARRINGTON	3,968	8,852
	COOKS HILL	7,304	9,214
	ELERMORE VALE	13,609	4,523
	FLETCHER	15,112	3,206
	GEORGETOWN	3,992	605
	HAMILTON	9,142	16,244
	HAMILTON EAST	2,214	1,679
	HAMILTON NORTH	1,843	2,045
	HAMILTON SOUTH	10,028	646
	HEXHAM	570	7,548
	ISLINGTON	3,838	3,511
	JESMOND	6,413	10,060
	KOORAGANG		4,734
	KOTARA	9,257	31,008
	LAMBTON	10,791	8,555
	LENAGHAN		
	MARYLAND	16,855	2,780
	MARYVILLE	3,063	2,915
	MAYFIELD	20,183	20,384
	MAYFIELD EAST	3,203	1,710
	MAYFIELD NORTH		
	MAYFIELD WEST	4,281	17,410
	MEREWETHER	26,201	13,010
	MEREWETHER HEIGHTS	3,369	
	MINMI	1,669	
	NEW LAMBTON	22,690	16,424
	NEW LAMBTON HEIGHTS	2,726	8,124
	NEWCASTLE	7,313	58,720
	NEWCASTLE EAST	2,325	2,638
	NEWCASTLE WEST	1,603	35,856
	NORTH LAMBTON	7,962	950
	RANKIN PARK	3,425	
	SANDGATE	598	7,940
SHORTLAND	10,213	4,679	
STOCKTON	7,669	4,457	
TARRO	4,374	845	
THE HILL	4,716	1,050	
THE JUNCTION	2,361	4,510	
TIGHES HILL	3,222	3,065	
WALLSEND	29,929	22,260	
WARABROOK	4,014	7,778	
WARATAH	9,306	22,917	
WARATAH WEST	6,616	1,500	
WICKHAM	2,497	8,027	
	Merged suburbs	316	1,638
	(resi <55, LV non-resi <15)		

PORT STEPHENS	ANNA BAY	9,935	6,443
	BALICKERA		
	BOAT HARBOUR	3,018	186
	BOBS FARM	2,150	1,934
	BRANDY HILL	2,511	
	BUTTERWICK	646	
	CAMPVALE		
	CHISHOLM		
	CORLETTE	15,518	2,222
	DUNS CREEK	1,636	
	EAGLETON	646	
	EAST SEAHAM	1,195	
	FERN BAY	7,621	1,954
	FERODALE		
	FINGAL BAY	5,072	3,296
	FISHERMANS BAY		
	FULLERTON COVE	1,546	
	GLEN OAK	1,284	
	HEATHERBRAE	1,410	12,133
	HINTON	1,638	
	KARUAH	4,021	2,692
	KINGS HILL		
	LEMON TREE PASSAGE	7,217	2,906
	MALLABULA	2,606	
	MEDOWIE	30,215	8,494
	NELSON BAY	21,428	17,483
	NELSONS PLAINS	1,145	
	ONE MILE	1,340	
	OSTERLEY		
	OYSTER COVE		
	RAYMOND TERRACE	37,040	22,925
	SALAMANDER BAY	14,847	17,072
	SALT ASH	3,347	2,399
	SEAHAM	3,107	2,264
	SHOAL BAY	5,980	5,420
	SOLDIERS POINT	4,845	3,108
	SWAN BAY	1,118	
	TANILBA BAY	8,505	2,037
	TAYLORS BEACH	410	3,015
	TOMAGO		16,447
TWELVE MILE CREEK			
WALLALONG	3,179		
WILLIAMTOWN	2,058	8,184	
WOODVILLE	1,498	675	
Merged suburbs (resi <55, LV non-resi <15)	2,208	5,384	
Low Voltage (all LGAs)	Total	2,372,529	1,900,708
High Voltage (all LGAs)	Total		1,178,175

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		Residential Usage (MWh)	Non-residential LV Usage (MWh)
MUSWELLBROOK	ABERDEEN		350
	BAERAMI		277
	BAERAMI CREEK		
	BENGALLA		937
	BOWMANS CREEK		
	BUREEN		1,392
	CASTLE ROCK	389	
	DALSWINTON		1,407
	DENMAN	6,095	4,271
	EDDERTON		
	GIANTS CREEK	396	
	GUNGAL		
	HEBDEN		
	HOLLYDEEN		
	JERRYS PLAINS		2,571
	KAYUGA		291
	KERRABEE		
	MANGOOLA		252
	MANOBALAI		
	MARTINDALE	735	452
	MCCULLYS GAP	715	
	MUSCLE CREEK	1,180	
	MUSWELLBROOK	40,489	37,912
	ROUCHEL BROOK		
	SANDY HOLLOW	638	599
	WIDDEN		1,025
	WYBONG		32
YARRAWA			
	Merged suburbs (resi <55, LV non-resi <15)	3,890	894
SINGLETON	APPLETREE FLAT		417
	BELFORD	652	648
	BIG RIDGE		
	BOWMANS CREEK		
	BRANXTON	4,100	136
	BRIDGMAN	843	
	BROKE	2,477	1,159
	BULGA	1,431	347
	CAMBERWELL		
	CARROWBROOK		
	CLYDESDALE		
	COMBO		
	DALWOOD		
	DARLINGTON	1,251	
	DOYLES CREEK		
	DUNOLLY	299	
	DYRRING		
	ELDERSLIE	582	

FALBROOK		
FERN GULLY		
FORDWICH		638
GARLAND VALLEY		
GLENDON	467	
GLENDON BROOK	992	
GLENNIES CREEK		902
GLENRIDDING	786	426
GOORANGOOLA		
GOULDSVILLE		
GOWRIE	1,151	
GREENLANDS		
HAMBLEDON HILL		
HEBDEN		
HOWES VALLEY		
HUNTERVIEW	9,921	
JERRYS PLAINS	941	1,145
LAMBS VALLEY	605	
LECONFIELD	588	
LEMINGTON		
LONG POINT		
LOWER BELFORD	1,469	717
MAISON DIEU	741	463
MCDOUGALLS HILL		6,133
MIDDLE FALBROOK		
MILBRODALE	409	106
MIRANNIE		
MITCHELLS FLAT	685	
MOUNT OLIVE		
MOUNT THORLEY		10,552
OBANVALE		
PAYNES CROSSING		
POKOLBIN	909	3,538
PUTTY	385	
RAVENSWORTH		520
REDBOURNBERRY	834	172
REEDY CREEK	533	
RIXS CREEK		
ROUGHIT		363
SCOTTS FLAT		1,057
SEDFIELD	979	
SINGLETON	16,766	24,436
SINGLETON HEIGHTS	15,298	1,865
SINGLETON MILITARY A		
ST CLAIR		
STANHOPE	423	
WARKWORTH		1,159
WATTLE PONDS	4,199	
WESTBROOK	438	
WHITTINGHAM	1,418	3,022
WYLIES FLAT		
Merged suburbs		
(resi <55, LV non-resi <15)	7,316	7,529

UPPER HUNTER	ABERDEEN	6,512	2,873
	BELLTREES		
	BRAWBOY		
	BUNNAN	485	93
	CASSILIS		
	DARTBROOK		254
	DAVIS CREEK		
	DRY CREEK		
	ELLERSTON		2,179
	GLENBAWN		2,068
	GLENROCK		
	GUNDY	657	
	GUNGAL	597	
	KARS SPRINGS		
	MANOBALAI		
	MERRIWA	6,760	4,346
	MIDDLE BROOK	1,007	273
	MOOBI		702
	MOONAN BROOK		
	MOONAN FLAT	460	248
	MURULLA		
	OMADALE		
	OWENS GAP		
	PAGES CREEK		
	PARKVILLE	1,085	502
	ROSSGOLE		
	ROUCHEL	611	2,122
	ROUCHEL BROOK		
	SCONE	19,113	15,598
	SEGENHOE	711	2,813
	STEWARTS BROOK		
	TOMALLA		
	UPPER DARTBROOK	672	182
UPPER ROUCHEL			
WAVERLY			
WINGEN	1,018	544	
WOOLOOMA			
Merged suburbs (resi <55, LV non-resi <15)	4,619	953	
Low Voltage (all LGAs) Total	178,723	155,862	
High Voltage (all LGAs) Total		1,047,291	