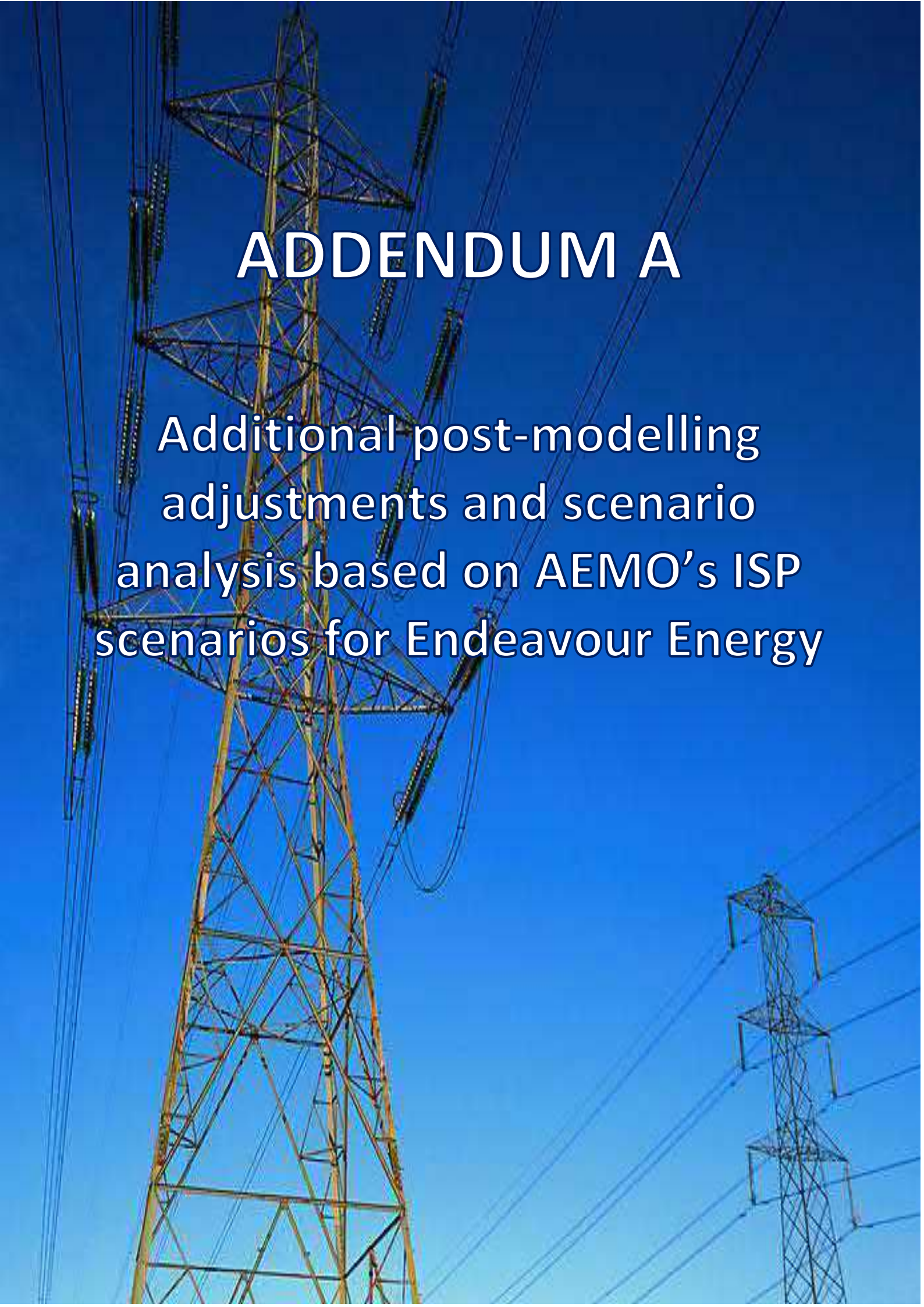

ADDENDUM A

Additional post-modelling adjustments and scenario analysis based on AEMO's ISP scenarios for Endeavour Energy

A report for
ENDEAVOUR ENERGY

January 2022

While the National Institute endeavours to provide reliable forecasts and believes the material is accurate it will not be liable for any claim by any party acting on such information.

Prepared by the
National Institute of Economic and Industry Research
ABN: 72 006 234 626
Lower Ground, Unit 1A, 663 Victoria Street, Abbotsford, Victoria, 3067
Telephone: (03) 9488 8444; Email: admin@nieir.com.au

TON911-Endeavour Energy– Addendum A/Endeavour Energy/2022/January

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A1. Introduction

Endeavour Energy (EE) invited the National Institute of Economic and Industry Research (NIEIR) to prepare a proposal on modifying its Post-Modelling Adjustments report for EE (June 2021) to be consistent with AEMO's five 2021 ISP scenarios.

The study brief also requested additional information on weather change trends, air conditioning trends and quantification of 10%, 50% and 90% POE summer demands for total Endeavour Energy.

The Scope of Works as required by Endeavour Energy is reproduced below.

A1.1 Phase 1

Detailed analysis on Residential rooftop PV, Battery and Plug-in EVs based on AEMO ISP scenarios as described in "AEMO's 2021 Inputs and assumptions Report" and tailored to Endeavour Energy's supply area:

a. Slow Change;

b. Steady Progress;

c. Step Change* (Highest Priority);

d. Net Zero 2050* (Highest Priority); and

e. Hydrogen Superpower.

Scenarios c and d are considered highest priorities.

Phase 1 Deliverables for all the above scenarios are as follows.

(i) **For EVs**: using *'Battery & Plug-in EVs'* tab in the *2021 Inputs and assumptions workbook* take NSW count, demand and energy consumption figures and convert to EE ZS totals giving visibility of the charging types – specifically by sector- residential, Commercial, Industrial. Extend coverage to a minimum date of 2040.

(ii) **For PVs**, using the '*rooftop PVs'* tab in the *2021 Inputs and assumptions workbook*, take demand and consumption figures, derive count of installations, and then covert them to EE ZS totals (Power Generation, Energy output and count by ZS). Extend coverage to a minimum date of 2040.

(iii) **For Batteries**, using the '*Embedded Energy Storages'* and '*Aggregated Energy Storages'* tabs in the *2021 Inputs and assumptions workbook*, take demand and Energy figures, derive count of installations, and then covert them to EE ZS totals (Demand, Energy and count by ZS). Extend coverage to a minimum date of 2040.

Sample of output report (EV & PV)

NIEIR Scope.xlsx

A1.2 Phase 2

To provide additional insights into PMA by scenario and factors impacting on maximum demands including the following.

a. Provide a commentary on recent activity around Government Policy around Greenhouse Gas commitments.

b. Provide clarification and commentary on assumptions around air conditioning penetration. Discuss recent trends in AC in NSW and EE. To undertake a PeakSim analysis of summer maximum demands for EE and identify 10, 50, 90 POEs for total EE summer demands. Base and temperature sensitive loads to be provided backing up the AC analysis for total EE maximum demand.

c. Using weather stations for EE, calculate climate change impacts on demand outlook on magnitude and frequency of extreme day events through to 2040 compared to present day baselines. Present 10, 50 and 90 POE weather values for EE summer.

d. Provide a set of PMA adjustments for energy and summer demands as far as possible consistent with the following scenarios:

   1. the five AEMO scenarios; and

   2. Central/Low/High scenarios.

This work covers additional energy efficiency PMA adjustments including the NSW Energy savings scheme and MEPS. The impact of EV, PV and battery by scenario are part of stage 1 of the project. The PMA adjustments for demand may vary by 10th, 50th, and 90th POE demands.

A2. Methodological approach to modelling the 2021 AEMO scenarios

A2.1 Introduction

One of the key requirements of this study was to map down AEMO's five 2021 ISP scenarios onto the Endeavour Energy distribution area. The five key AEMO scenarios for the 2021 IASR were:

- Slow Change;
- Steady Progress;
- Net Zero 2050;
- Stop Change; and
- Hydrogen Superpower.

An additional sensitivity, denoted as Strong electrification sensitivity, was also included in AEMO's analysis.

NIEIR also provided high and low scenario around its June 2021 baseline forecast.

AEMO provided documentation of its scenario assumptions in **2021 inputs and assumptions workbook.xlxs**.

From Endeavour Energy's perspective, the key modelling assumptions were in the following areas:

- rooftop PV;
- small-scale batteries;
- battery and plug-in electric vehicles; and
- energy efficiency.

For each of these areas above, NIEIR calculated the implied Endeavour Energy share of each indicator from AEMO by:

(i) adjusting for the ACT, which is included in AEMO's definition of New South Wales; and

(ii) adjusting for Endeavour Energy's share of New South Wales.

The implied distribution across Endeavour Energy's Zone Substations (ZSS) was calculated using the forecasts for each indicator by ZSS prepared and tabulated in NIEIR's report "*Post-modelling adjustments of energy and peak demand forecasts for Endeavour Energy's demand forecasts*", June 2021.

For many indicators, the NIEIR forecasts were prepared by class (residential, commercial, industrial) so an initial distribution was calculated by class and then by Endeavour Energy ZSS.

Additional details for rooftop PV, small-scale batteries, battery and plug-in electric vehicles and energy efficiency are provided below.

Table A2.1 provides selected indicators by AEMO scenario, for the implied Endeavour Energy share. NIEIR's June 2021 forecast is also provided as well as NIEIR's High and Low scenarios.

A2.2 Rooftop PV

The rooftop PV forecasts by AEMO were based on CSIRO and Green Energy Markets forecasts developed by AEMO in 2021.

AEMO's inputs and assumptions workbook provided estimates by State from 2021-22 to 2049-50 by scenario for the following:

- rooftop PV capacity measured in MW; and
- rooftop PV energy measured in GWh.

Given estimates of generation and capacity installed, capacity factors could be calculated which were between 13 and 14 per cent.

The AEMO scenario assumptions did not provide any information on customer numbers in total or customers by class. The AEMO did not provide any average capacity figures for new PV installations. AEMO did not provide any splits between solar only and solar battery for customers, capacity or generation for PV systems.

NIEIR provided Endeavour Energy with the following indicators for rooftop PV by ZSS from 2021-22 to 2039-40:

- Rooftop PV capacity measured in MW;
- Rooftop PV generation measured in GWh;
- Rooftop PV customers (number); and
- Rooftop PV peak summer demand measured in MW (at 5:30 p.m.).

Table A2.1	Endeavour Energy control totals by AEMO and NIEIR scenario and indicator																		
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Total capacity rooftop PV (MW)																			
AEMO SCENARIO																			
Slow Change	1552	1805	1957	2120	2288	2455	2616	2764	2874	2972	3050	3116	3174	3230	3278	3325	3378	3431	3484
Steady Progress	1509	1747	1932	2106	2281	2455	2626	2788	2926	3055	3135	3210	3281	3351	3418	3483	3548	3614	3679
Net Zero 2050	1509	1747	1932	2106	2281	2455	2626	2788	2926	3055	3207	3358	3505	3648	3780	3901	4019	4134	4248
Step Change	1468	1730	1970	2187	2390	2579	2761	2938	3121	3311	3500	3695	3892	4085	4265	4431	4586	4740	4890
Hydrogen Superpower	1544	1842	2118	2379	2615	2837	3061	3287	3513	3730	3944	4161	4377	4587	4785	4972	5150	5325	5497
Strong electrification sensitivity	1643	2068	2447	2819	3164	3435	3638	3800	3913	4007	4099	4211	4351	4530	4740	4975	5199	5392	5518
NIEIR SCENARIO																			
NIEIR July 2021 Base	1292	1477	1650	1822	1980	2141	2303	2468	2643	2835	3033	3233	3423	3614	3809	4003	4197	4383	4569
High 2021	1348	1584	1808	2029	2233	2440	2649	2861	3089	3338	3597	3859	4111	4358	4615	4866	5121	5364	5611
Low 2021	1237	1370	1492	1614	1727	1842	1957	2075	2197	2332	2469	2606	2736	2869	3004	3139	3274	3403	3527
Total generation rooftop PV (GWh)																			
AEMO SCENARIO																			
Slow Change	1731	2083	2340	2533	2734	2943	3153	3342	3501	3631	3748	3834	3906	3976	4050	4105	4162	4228	4303
Steady Progress	1697	2022	2290	2510	2723	2940	3161	3364	3548	3715	3852	3944	4031	4118	4212	4290	4366	4447	4538
Net Zero 2050	1697	2022	2290	2510	2723	2940	3161	3364	3548	3715	3896	4080	4260	4440	4621	4773	4916	5062	5215
Step Change	1665	1988	2305	2585	2841	3085	3323	3542	3764	3996	4236	4470	4709	4950	5194	5403	5597	5789	5990
Hydrogen Superpower	1712	2105	2467	2797	3101	3385	3670	3945	4224	4500	4773	5036	5299	5563	5830	6063	6283	6502	6732
Strong electrification sensitivity	1790	2301	2807	3271	3710	4094	4399	4620	4789	4919	5045	5166	5317	5513	5768	6037	6315	6575	6788
NIEIR SCENARIO																			
NIEIR July 2021 Base	1649	1885	2106	2325	2527	2733	2939	3150	3374	3619	3872	4127	4370	4613	4863	5110	5359	5596	5834
High 2021	1720	2022	2307	2590	2850	3114	3381	3652	3944	4261	4592	4927	5248	5564	5892	6213	6538	6848	7165
Low 2021	1579	1749	1905	2059	2204	2351	2498	2649	2804	2977	3152	3327	3492	3663	3835	4008	4179	4345	4503

Table A2.1	Endeavour Energy control totals by AEMO and NIEIR scenario and indicator (continued)																		
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Total implied customers rooftop PV (number)																			
AEMO SCENARIO																			
Slow Change	287193	326174	347105	370162	394641	418750	441917	462752	476988	488866	497629	504613	510582	516299	520944	525494	530949	536650	542410
Steady Progress	279343	315773	342760	367801	393517	418836	443620	466637	485475	502497	511471	519834	527820	535673	543172	550415	557710	565217	572813
Net Zero 2050	279343	315773	342760	367801	393517	418836	443620	466637	485475	502529	523333	543759	563771	583230	600618	616415	631670	646670	661245
Step Change	271805	312671	349516	381856	412180	439952	466308	491758	517975	544607	571138	598372	626125	653007	677743	700159	720842	741356	761246
Hydrogen Superpower	285807	332914	375781	415553	451077	483897	516988	550265	582945	613595	643505	673838	704116	733310	760402	785734	809433	832866	855834
Strong electrification sensitivity	304082	373699	434132	492355	545683	586061	614475	636101	649238	659134	668745	681909	699936	724181	753230	786091	817113	843393	855814
NIEIR SCENARIO																			
NIEIR July 2021 Base	239211	266957	292747	318122	341480	365221	388965	413141	438564	466345	494917	523499	550682	577713	605328	632514	659716	685594	711334
High 2021	249330	286038	320405	354026	384626	415726	446830	478316	512000	548394	586237	624229	660604	696015	732580	768193	804100	838078	872722
Low 2021	229093	247876	265090	282218	298335	314716	331099	347967	365127	384296	403597	422769	440760	459411	478076	496834	515332	533110	549946
Total implied peak summer demand impacts rooftop PV 5:30 p.m. (MW)																			
AEMO SCENARIO																			
Slow Change	297	353	387	421	458	492	526	557	579	598	615	628	639	651	660	670	680	691	701
Steady Progress	288	342	382	418	457	492	528	561	589	615	632	647	661	675	688	701	714	728	741
Net Zero 2050	288	342	382	418	457	492	528	561	589	615	646	676	706	735	761	786	809	832	855
Step Change	281	338	389	434	478	517	555	592	629	666	705	744	784	823	859	892	923	954	984
Hydrogen Superpower	295	360	418	473	523	569	615	662	708	751	795	838	882	924	964	1001	1037	1072	1107
Strong electrification sensitivity	314	404	483	560	633	689	731	765	788	806	826	848	877	912	955	1002	1047	1086	1111
NIEIR SCENARIO																			
NIEIR July 2021 Base	247	289	326	362	396	429	463	497	532	571	611	651	690	728	767	806	845	883	920
High 2021	257	309	357	403	447	489	532	576	622	672	725	777	828	878	929	980	1031	1080	1129
Low 2021	237	268	295	321	346	370	394	418	443	470	498	525	551	578	605	632	659	685	710

Table A2.1	Endeavour Energy control totals by AEMO and NIEIR scenario and indicator (continued)																		
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Total Battery capacity (MWh)																			
AEMO SCENARIO																			
Slow Change	158	190	225	285	314	377	413	455	496	526	550	573	592	612	632	652	672	692	713
Steady Progress	152	193	249	377	507	655	797	934	1132	1307	1410	1519	1636	1794	1957	2125	2294	2463	2583
Net Zero 2050	152	193	249	377	507	655	797	934	1132	1307	1558	1819	2098	2418	2731	3029	3317	3599	3812
Step Change	123	208	470	721	959	1187	1409	1629	2009	2405	2818	3301	3964	4615	5216	5780	6259	6667	6916
Hydrogen Superpower	125	211	511	815	1091	1350	1615	1882	2324	2757	3200	3709	4429	5151	5811	6435	6981	7454	7743
Strong electrification sensitivity	200	273	446	657	846	1024	1193	1348	1505	1608	1693	1787	1885	1992	2108	2233	2354	2476	2583
NIEIR SCENARIO																			
NIEIR July 2021 Base	72	105	145	198	268	350	431	519	621	745	889	1047	1215	1398	1598	1810	2039	2272	2516
High 2021	86	133	192	269	369	488	606	733	883	1065	1276	1510	1759	2026	2321	2630	2966	3306	3671
Low 2021	59	78	101	131	171	218	265	315	371	441	520	607	697	800	910	1030	1156	1287	1416
Total estimated customers battery (number)																			
AEMO SCENARIO																			
Slow Change	15382	17501	19484	23339	24071	27646	29102	31520	34095	35863	37249	38493	39522	40617	41697	42785	43848	44928	46045
Steady Progress	14839	17698	21603	30846	38855	48057	56162	64713	77777	89121	95421	102129	109260	119035	129144	139457	149750	159997	166940
Net Zero 2050	14839	17698	21603	30846	38855	48057	56162	64713	77777	89121	105458	122285	140078	160392	180202	198772	216556	233788	246356
Step Change	11970	19153	40719	58944	73474	87128	99296	112920	138063	163986	190759	221902	264686	306148	344159	379331	408641	433036	446915
Hydrogen Superpower	12206	19377	44250	66641	83560	99096	113818	130444	159670	187921	216591	249302	295747	341762	383420	422288	455750	484172	500363
Strong electrification sensitivity	19517	25122	38639	53728	64800	75163	84063	93404	103440	109634	114605	120125	125874	132154	139092	146548	153712	160792	166931
NIEIR SCENARIO																			
NIEIR July 2021 Base	7056	9648	12586	16227	20519	25684	30381	35969	42652	50820	60165	70385	81138	92759	105442	118816	133126	147541	162594
High 2021	8422	12240	16596	21965	28232	35773	42631	50747	60604	72530	86308	101426	117432	134398	153095	172620	193656	214745	237279
Low 2021	5757	7181	8768	10761	13175	16080	18723	21909	25568	30163	35283	40834	46578	53114	60070	67593	75499	83564	91475

Table A2.1	Endeavour Energy control totals by AEMO and NIEIR scenario and indicator (continued)																		
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Total energy efficiency – Energy (GWh)																			
AEMO SCENARIO																			
Slow Change	126	215	361	521	657	786	915	1073	1260	1383	1500	1613	1716	1808	1893	1970	2042	2118	2172
Steady Progress	290	469	671	868	1040	1207	1386	1605	1858	2035	2176	2306	2425	2532	2629	2718	2804	2900	2974
Net Zero 2050	290	469	671	868	1040	1207	1386	1605	1858	2051	2232	2404	2570	2727	2875	3019	3165	3323	3458
Step Change	575	824	1062	1309	1530	1750	1980	2237	2533	2777	3005	3229	3443	3641	3824	4001	4178	4363	4521
Hydrogen Superpower	576	825	1063	1311	1533	1753	1986	2244	2542	2787	3016	3242	3456	3656	3839	4017	4195	4381	4540
Strong electrification sensitivity	670	933	1163	1386	1601	1804	1998	2207	2442	2642	2833	3018	3197	3370	3533	3690	3845	4007	4150
NIEIR SCENARIO																			
NIEIR July 2021 Base	272	310	344	374	401	424	446	469	496	511	524	543	558	574	591	607	623	639	655
High 2021	356	407	452	492	527	557	586	616	652	671	689	714	734	755	777	798	819	840	862
Low 2021	187	213	236	256	275	291	306	322	341	351	360	372	383	394	405	416	427	438	449
Energy efficiency impacts on summer peak demand (MW)																			
AEMO SCENARIO																			
Slow Change	6	11	20	30	39	49	59	70	84	92	101	109	116	122	127	132	136	142	145
Steady Progress	13	23	36	49	61	74	87	103	120	132	143	153	161	169	175	181	187	195	200
Net Zero 2050	13	23	36	49	61	74	87	103	120	133	146	157	168	178	188	197	206	217	225
Step Change	28	45	61	78	94	111	128	146	166	182	198	213	227	240	251	262	273	285	294
Hydrogen Superpower	28	45	61	78	94	111	128	147	167	183	199	214	228	242	253	264	275	287	296
Strong electrification sensitivity	32	49	65	81	97	112	127	143	159	172	186	198	210	222	232	242	251	262	270
NIEIR SCENARIO																			
NIEIR July 2021 Base	12	14	16	18	19	21	23	24	26	28	29	31	32	33	35	36	38	39	41
High 2021	15	18	21	23	25	28	30	32	34	36	38	40	42	44	46	48	50	52	54
Low 2021	8	9	11	12	13	14	16	17	18	19	20	21	22	23	24	25	26	27	28

Table A2.1 Endeavour Energy control totals by AEMO and NIEIR scenario and indicator (continued)																			
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Total implied plug-in electric vehicle registrations (number)																			
AEMO SCENARIO																			
Slow Change	1517	1574	1701	1851	2640	5241	10924	20689	34078	50275	71268	97786	132154	169550	210156	253686	300227	349914	402723
Steady Progress	2357	2664	5785	14243	32531	65671	116033	183628	229546	319276	407494	500225	595795	694150	795521	899753	1006898	1116913	1229783
Net Zero 2050	2357	2664	5785	14243	32531	65671	116033	183628	230594	321884	420579	518785	619543	723007	829416	938644	1050761	1165726	1283530
Step Change	2431	2814	6203	15185	34506	69255	122204	193359	245947	342448	440447	541239	644973	751820	862011	975424	1092131	1212071	1335249
Hydrogen Superpower	2714	3380	9283	27497	55978	103678	178883	273472	384399	507966	632115	760945	893437	1031292	1174075	1321701	1474253	1631717	1793868
NIEIR SCENARIO																			
NIEIR July 2021 Base	3026	4912	8112	12705	18087	24659	31965	40089	48845	58280	68361	98587	145571	201395	266728	342238	428594	526464	636517
High 2021	3341	5836	10100	16186	23236	31846	41416	51997	63598	75958	89310	129571	192647	265777	352284	451202	565192	693695	842267
Low 2021	2711	3988	6124	9224	12937	17472	22513	28182	34092	40602	47411	67602	98494	137013	181172	233274	291995	359232	430766
Total summer peak demand impact from plug-in electric vehicles 5:30pm (MW)																			
AEMO SCENARIO																			
Slow Change	0.7	0.9	1.0	1.0	1.3	2.8	6.2	12.0	20.8	31.8	46.3	64.4	88.2	116.0	147.6	180.1	215.1	252.1	291.6
Steady Progress	0.9	1.3	2.8	6.8	17.0	37.0	69.3	113.8	152.4	200.8	256.5	319.2	385.5	454.2	528.6	599.9	674.2	749.2	826.5
Net Zero 2050	0.9	1.3	2.8	6.8	17.0	37.0	69.3	113.8	153.0	202.4	282.7	368.4	451.7	536.1	627.0	714.4	805.2	897.2	991.8
Step Change	0.9	1.4	3.1	8.3	21.7	46.4	86.4	142.0	196.9	263.0	347.9	431.7	517.4	604.7	699.3	790.1	885.2	981.7	1081.3
Hydrogen Superpower	0.9	1.6	4.5	13.6	33.8	68.3	126.2	202.7	283.9	376.2	477.7	577.6	680.1	785.0	900.1	1010.1	1125.8	1243.9	1366.5
NIEIR SCENARIO																			
NIEIR July 2021 Base	1.9	3.2	5.4	8.5	12.2	16.9	22.2	28.1	34.7	41.2	48.2	69.4	102.5	141.8	187.7	240.8	301.6	370.5	447.9
High 2021	2.1	3.8	6.7	10.8	15.7	21.8	28.7	36.5	45.2	53.7	62.9	91.3	135.6	187.1	248.0	317.5	397.7	488.2	592.7
Low 2021	1.7	2.6	4.0	6.2	8.8	12.0	15.6	19.8	24.2	28.7	33.4	47.6	69.4	96.5	127.5	164.2	205.5	252.8	303.1

Table A2.1 Endeavour Energy control totals by AEMO and NIEIR scenario and indicator (continued)																			
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Total annual energy impact from plug-in electric vehicles (GWh)																			
AEMO SCENARIO																			
Slow Change	2.6	4.1	4.5	4.9	5.5	8.7	17.7	35.2	66.6	110.4	163.8	232.1	319.9	441.4	581.0	728.6	890.3	1063.8	1252.4
Steady progress	3.6	5.7	6.2	13.3	35.2	85.8	182.8	332.9	559.8	667.7	933.7	1214.8	1520.3	1841.9	2192.0	2539.7	2905.8	3281.1	3672.2
Net Zero 2050	3.6	5.7	6.2	13.3	35.2	85.8	182.8	332.9	559.8	670.8	1005.5	1372.5	1745.5	2130.1	2547.6	2962.1	3397.8	3845.9	4312.5
Step Change	3.5	5.9	6.7	16.3	44.9	108.1	227.8	414.8	694.6	859.3	1235.6	1597.9	1983.5	2380.6	2813.9	3242.9	3696.4	4217.4	4715.5
Hydrogen Superpower	3.9	6.3	7.9	21.7	76.9	170.6	337.5	608.7	900.4	1286.7	1744.0	2172.4	2635.3	3109.8	3683.7	4212.7	4774.2	5356.4	5968.8
NIEIR SCENARIO																			
NIEIR July 2021 Base	6.3	9.5	15.4	25.8	40.7	58.7	81.5	107.3	137.2	168.5	201.1	291.0	425.5	594.1	788.6	1019.2	1276.0	1570.1	1883.0
High 2021	6.9	11.2	19.2	32.8	52.3	75.8	105.6	139.2	178.7	219.7	262.8	382.4	563.1	784.0	1041.5	1343.7	1682.7	2068.8	2491.7
Low 2021	5.6	7.7	11.7	18.7	29.1	41.6	57.4	75.4	95.8	117.4	139.5	199.5	287.9	404.2	535.6	694.7	869.3	1071.3	1274.4

A2.3 Small-scale batteries

Small-scale batteries refers to embedded batteries installations in residential, commercial and industrial premises. The five AEMO scenarios were again based on the 2021 CSIRO and Green Energy Markets projections.

AEMO's inputs and assumptions workbook provided estimates by State from 2021-22 to 2049-50 by scenario for the following:

- capacity measured in MW of embedded small-scale batteries; and
- storage capacity measured in MWh of embedded small-scale batteries.

AEMO's scenario assumptions did not provide any information on battery customer numbers. Customer and capacity figures were not provided by class or for combined PV/battery customers or battery only customers.

In order to generate ZSS forecasts consistent with the AEMO scenarios, NIEIR used average capacity assumptions to generate battery customer numbers.

NIEIR provided Endeavour Energy with the following indicators for small-scale batteries by ZSS from 2021-22 to 2039-40:

- battery capacity by class measured in MWh; and
- battery customers (number by class).

A2.4 Energy efficiency

AEMO provides estimates of energy efficiency for residential and business customers. The energy efficiency forecasts are based on the 2021 SPR Energy Efficiency Forecasts.

AEMO's inputs and assumptions workbook provides estimates by State from 2021-22 to 2051-52 by scenario for the following:

- residential energy efficiency measured in GWh; and
- business energy efficiency measured in GWh.

NIEIR's analysis of energy efficiency for Endeavour Energy in June 2021 included the following:

- The New South Wales Energy Security Safeguard (incorporating an extended Energy Savings Scheme);
- Energy Performance Standards for appliances and equipment (MEPs), such as air conditioners, refrigerators and freezers, lighting and swimming pool pumps;
- Building Standards for new residences; and
- Other Government programs.

The main energy efficiency measures identified as a valid post-modelling adjustment were the Energy Security Safeguard and Minimum Energy Performance Standards. Other measures are captured in the econometric forecast methodology.

NIEIR provided Endeavour Energy with the following indicators for energy efficiency by ZSS from 2021-22 to 2039-40:

- Residential and business energy efficiency measured in GWh; and
- Residential and business energy efficiency peak summer demand impacts measured in MW.

A2.5 Battery and plug-in hybrid electric vehicles

Key Inputs:

- aggregated BEV and PHEV stock of electric vehicles for New South Wales; and
- aggregated BEV and PHEV annual energy (GWh) for New South Wales.

Key outputs by AEMO scenario:

- electric vehicle registrations by Endeavour zone substation split by private and business ownership;
- annual energy (GWh) by Endeavour zone substation for residential, commercial and industrial sections; and
- peak demand (MW) by Endeavour zone substation.

AEMO does not provide a detailed split of electric vehicle registrations by technology or type, nor does it provide aggregated demand impacts.

The stock of New South Wales electric vehicles was allocated to the Endeavour Energy network through NIEIR's Regional Electric Vehicle Model (LGA based), which is detailed in Section 6.5 of NIEIR's main report[1]. In the later years of higher AEMO uptake scenarios, plug-in electric vehicle adoption converges toward the share of all motor vehicles registered by LGA.

[1] *Post-modelling adjustments of energy and peak demand forecasts for Endeavour Energy's demand forecasts*.

The Regional Electric Vehicle Model describes the early to mid-market for adoption of electric vehicles. This phase of the market has stronger adoption of electric vehicles from higher income areas, as they have greater capacity to pay premium prices. Now, and over the next 10 years, this means that Endeavour Energy will generally have a lower rate of adoption of electric vehicles than other regions within Greater Sydney.

However, once the price of newer electric vehicles comes down and the size of the market is large enough for a healthy second-hand car market, electric vehicles will become more accessible to more regions. Under higher electric vehicle penetration scenarios, electric vehicle registrations by region will converge toward the share of all motor vehicles registered. This means that the Endeavour Energy network will move from a share of under 20 per cent of all plug-in electric vehicles registered in New South Wales towards just over 30 per cent in some scenarios.

Annual energy impacts were estimated using NIEIR's assumptions, and then constrained to the New South Wales State AEMO impacts (less ACT). As there were no aggregated demand (MW) impacts by AEMO scenario, the demand impacts were scaled using the difference between AEMO State annual energy and annual energy as estimated from the NIEIR model.

A3. Recent developments in climate change policy in Australia

A3.1 Introduction

This section briefly outlines recent developments in climate change policy in Australia. It outlines some brief note on COP26 held in October-November 2021 in Glasgow. Announcements by the Australian Government and the opposition ALP are also briefly summarised below.

A3.2 International climate change developments and COP26

The United Nations assesses global climate change through the Intergovernmental Panel on Climate Change (IPCC). The IPCC is currently preparing its 6th Assessment Report (AR6), due to be completed in 2022. Preliminary findings from working groups have indicated:

- unless there are immediate large-scale reductions in greenhouse gas emissions, limiting warming to close to 1.5°C or even 2°C will be beyond reach;
- human activities have been responsible for 1.1°C of warming from 1850 to 1900; and
- climate change is affecting all world regions. Its impacts cover wetness and dryness, winds, now and ice, coastal areas and oceans.

For nearly three decades the United Nations has been bringing together nearly every country in the world for global climate summits – called COPs – which stands for Conference of the Parties. The 26th annual summit (known as COP26) was held in Glasgow in October-November 2021.

A key driver of global climate change action is the 2015 Paris Agreement. This agreement aims to stabilise emissions to keep the increase in average global temperature to below 2°C, preferably to 1.5°C.

The goal of COP26 was to secure net zero by 2050 to keep global warming of 1.5°C within reach. Countries were asked to bring forward 2030 emission reduction targets in order to reach net zero 2050. Australia, under the Morrison Government, failed to tabulate a more ambitious 2030 target. Australia' target is a 26 to 28 per cent reduction.

COP26's goal suggested that countries need to adopt the following strategies:

- accelerate the phase-out of coal;
- stop deforestation;
- speed up the take-up of electric vehicles; and
- encourage further investment in renewables.

While COP26 did produce agreements which will provide a tentative pathway to net zero 2050, many key countries are yet to comment. For example, around 23 countries committed to phase-out coal-based power generation. Australia and India were not parties to this agreement.

A3.3 Australian Government's policy on climate change

The Australian Government released its Long-Term Emission Reduction Plan in October 2021. It acknowledges the Morrison Government's commitment to achieve net zero emissions by 2050.

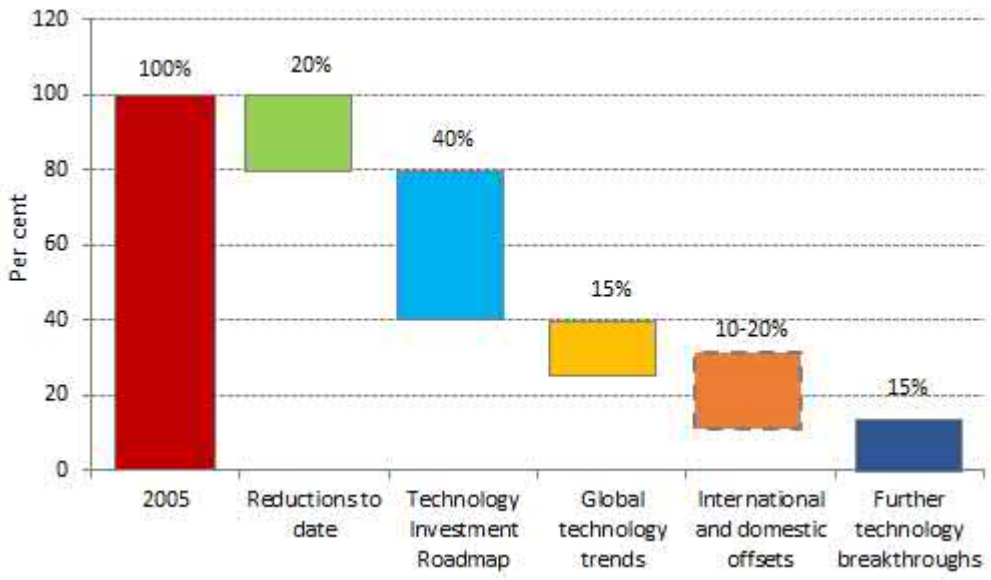
The Government's emission reduction strategy focuses on technology. The Plan rests on driving down the costs of low emission technologies. Cost reduction and emission reductions are largely driven by global technology improvements not specifically developed in Australia.

In driving down the cost of low emission technologies the priorities are:

- clean hydrogen;
- ultra low-cost solar;
- energy storage;
- low emissions steel and aluminium;
- carbon capture and storage; and
- soil carbon.

The Technology Investment Roadmap is expected to be provided with $20 billion of Australian Government Investment over the decade to 2030. It accounts for 40 per cent of the net reduction in emissions by 2050 as indicated in Figure A3.1. Global technology trends and further technology breakthroughs account for 30 per cent of the net reduction in emissions.

Figure A3.1: Contribution to meeting Australia's net zero emissions by 2050 goal



Source: Australia's Long-Term Emissions Reduction Plan, Commonwealth of Australia, 2021, Figure ES.2, pp. 15.

Funding for the Technology Investment Roadmap includes funding for existing Government agencies and some new initiatives. These include:

- $1.4 billion for the Australian Renewable Energy Agency (ARENA) over 10 years;
- the Clean Energy Finance Corporation (CEFC) continuing to support private sector investment in low emissions technologies;
- $1.2 billion to support clean hydrogen;
- $300 million for carbon capture use and storage hubs and technologies;
- $2.5 billion to Australia's carbon offsets scheme, the Emissions Reduction Fund; and
- other measures, including international low emission technology partnerships and direct assistance to support industrial facilities.

A3.4 Climate change and the Australian Labor Party

In December 2021, the Australian Labor Party (ALP) announced a commitment to reduce Australia's emissions by 43 per cent by 2030. The Morrison Government's commitment is a cut of 26 to 28 per cent on 2005 levels.

The announcement by the ALP also included the following initiatives:

- increasing the share of renewables in power generation in Australia by 2030 to 82 per cent;
- investment in solar banks and 400 community batteries;
- removing tariffs and fringe benefit tax from electric vehicles; and
- develop a more comprehensive EV strategy if elected.

The Morrison Government's attempt to increase its 2030 emissions target was blocked by National Party members of the coalition. Some regional seats in Queensland and New South Wales which depend on coal mining are sensitive to climate change targets. Australia was one of the only countries in the developed world that did not increase its 2030 target in the lead-up to COP26.

Australia's pathway to net zero 2050 emissions has not yet been effectively mapped out by either political party. Major obstacles persist, such as:

- Australia's continued reliance on coal-fired electricity generation;
- the low take-up of electric vehicles in Australia;
- the low take-up of battery storage by households and industry; and
- continued high electricity and gas consumption by selected industries, including alumina and aluminium production, ammonia production, and steel and non-metallic mineral production.

Positive developments have been the rapid uptake of small-scale PV systems by the residential and small to medium business sector. In some markets this has been achieved by the deployment of significant financial incentives and subsidies.

A4. PV and battery scenarios by ZSS

This section presents selected tables for PV and battery by scenario and Endeavour Energy ZSS from 2021-22 to 2039-40.

NIEIR provided Endeavour Energy with the following indicators for rooftop PV by ZSS:

- rooftop PV capacity (MW);
- rooftop PV generation (GWh);
- rooftop PV customer numbers; and
- rooftop PV summer peak demands (MW).

For battery, NIEIR provided Endeavour Energy with the following indicators by ZSS to 2039-40:

- battery capacity (MWh); and
- battery customers.

All of the indicators provided above were by class – residential, commercial and industrial – with the exception of the rooftop PV summer peak demands which were provided at the total level for Endeavour Energy.

A total of nine scenarios were prepared for Endeavour Energy, including the following:

- NIEIR Base scenario prepared in June 2021;
- High and Low scenarios based around the NIEIR June 2021 projection;
- AEMO's five 2021 ISP scenarios; and
- a strong Electrification scenario which was included in AEMO's analysis.

Selected tables for selected scenarios are provided below. Tables are provided for the NIEIR June 2021 projection, the AEMO Step Change scenario, and the AEMO Net Zero 2050 scenario. The tables are the totals by Endeavour Energy ZSS. Additional tables and scenarios were provided to Endeavour Energy in Excel spreadsheets by sector and ZSS to 2039-40 (AEMO PV and Battery Scenarios for EE by ZSS V8.xlxs).

Tables A4.1 to A4.6 show the rooftop and battery indicators for the NIEIR June 2021 projection.

Tables A4.7 to A4.12 show the rooftop and battery indicators for the AEMO Step Change scenario.

Tables A4.13 to A4.18 show the rooftop and battery indicators for the AEMO Net Zero 2050 scenario.

Table A4.1	Total rooftop PV capacity by ZSS – NIEIR June 2021																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	12063	13325	14517	15708	16818	17958	19112	20300	21565	22965	24422	25898	27320	28752	30234	31714	33214	34661	36121
Albion Park	18281	20031	21657	23256	24646	26053	27454	28855	30321	31916	33548	35172	36708	38228	39771	41282	42784	44205	45608
Ambarvale	10535	11933	13234	14524	15715	16926	18141	19381	20689	22121	23598	25079	26490	27896	29335	30753	32175	33529	34877
Anzac Village	9078	10150	11161	12169	13106	14067	15036	16032	17088	18252	19459	20677	21844	23013	24217	25410	26613	27766	28920
Appin	3432	4088	4700	5303	5830	6365	6899	7441	8011	8631	9267	9902	10504	11101	11709	12305	12899	13462	14020
Arndell Park	4993	5738	6437	7132	7776	8433	9095	9772	10487	11273	12085	12901	13680	14458	15256	16044	16836	17592	18346
Baulkham Hills 11kv	9787	11088	12313	13535	14670	15834	17008	18213	19491	20899	22359	23830	25241	26654	28108	29550	31003	32394	33788
Bella Vista	17077	19277	21346	23404	25313	27266	29233	31250	33383	35730	38159	40603	42940	45278	47680	50057	52447	54732	57016
Berry	6206	7049	7835	8609	9311	10023	10733	11453	12209	13032	13875	14716	15513	16302	17105	17893	18677	19419	20154
Blackheath	3205	3509	3791	4067	4320	4575	4828	5083	5350	5639	5934	6227	6502	6774	7050	7318	7584	7835	8082
Blackmans Flat	1926	2491	3017	3535	4009	4490	4968	5453	5960	6512	7077	7639	8170	8696	9230	9752	10272	10763	11249
Blaxland	9276	9864	10409	10943	11412	11886	12356	12831	13326	13863	14410	14952	15464	15968	16478	16976	17469	17933	18390
Bolong	1166	1384	1587	1786	1970	2155	2340	2527	2724	2937	3156	3374	3580	3784	3991	4194	4396	4587	4775
Bomaderry	11752	13077	14310	15522	16633	17757	18877	20012	21199	22491	23812	25127	26371	27601	28850	30072	31288	32437	33572
Bonnyrigg	11595	13100	14509	15896	17175	18479	19786	21119	22525	24063	25649	27239	28753	30262	31805	33326	34851	36303	37749
Bossley Park	9919	10741	11501	12245	12924	13608	14286	14971	15683	16455	17241	18020	18753	19475	20205	20916	21620	22282	22934
Bow Bowing	5234	5858	6438	7008	7531	8060	8586	9120	9679	10287	10909	11529	12114	12694	13282	13858	14431	14972	15508
Bowral	9001	10729	12337	13920	15334	16765	18192	19639	21155	22804	24493	26175	27767	29342	30943	32511	34071	35547	37006
Bringelly	3777	4778	5733	6696	7603	8545	9508	10512	11592	12799	14071	15373	16641	17932	19284	20648	22046	23410	24800
Bulli	7926	9783	11521	13243	14832	16406	17986	19599	21301	23167	25094	27029	28877	30723	32617	34491	36376	38178	39980
Bylong	112	144	174	203	230	257	284	312	340	371	402	433	463	491	521	549	578	604	631
Cabramatta	4112	4942	5719	6489	7200	7924	8650	9390	10170	11024	11904	12786	13626	14463	15319	16163	17008	17812	18613
Cambridge Park	14185	15801	17312	18808	20189	21594	23002	24439	25951	27606	29310	31016	32640	34256	35908	37534	39161	40709	42248
Campbelltown	9297	11036	12682	14331	15872	17460	19073	20742	22523	24502	26571	28676	30713	32774	34918	37067	39257	41381	43535
Canley Vale	9661	11008	12263	13501	14638	15790	16939	18106	19330	20664	22031	23394	24686	25967	27271	28550	29825	31033	32230
Carramar	3652	4415	5123	5818	6453	7094	7730	8373	9043	9770	10511	11247	11940	12624	13316	13991	14661	15292	15913
Castle Hill	6630	9177	11553	13900	16057	18248	20435	22660	24995	27543	30158	32768	35245	37703	40207	42665	45117	47442	49748
Casula	12323	14194	15944	17675	19271	20894	22520	24176	25919	27825	29786	31748	33615	35470	37366	39231	41096	42870	44632
Cattai	5110	6131	7083	8020	8881	9754	10625	11508	12435	13444	14478	15509	16487	17454	18439	19405	20367	21278	22181
Cawdor	8253	9960	11592	13247	14808	16436	18106	19852	21736	23850	26082	28377	30618	32909	35315	37749	40254	42705	45212
Cheriton Avenue	9048	10867	12589	14312	15922	17581	19264	21003	22857	24912	27057	29233	31332	33451	35646	37839	40065	42213	44382

Table A4.1	Total rooftop PV capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	6030	6684	7302	7922	8501	9097	9702	10326	10991	11729	12498	13278	14030	14788	15574	16358	17154	17922	18697
Claremont Meadows	9880	12074	14146	16217	18143	20123	22126	24187	26380	28804	31325	33877	36333	38804	41359	43905	46484	48968	51469
Corrimal	8710	10044	11280	12492	13599	14715	15823	16942	18108	19373	20662	21941	23146	24334	25536	26708	27870	28964	30042
Cranebrook	8368	9776	11093	12395	13595	14816	16039	17284	18594	20027	21500	22974	24376	25770	27193	28593	29993	31323	32645
Culburra	5733	6698	7597	8483	9296	10119	10940	11773	12645	13595	14568	15536	16454	17362	18285	19189	20089	20941	21783
Dapto	20418	22485	24405	26293	28023	29772	31512	33274	35117	37119	39166	41201	43124	45025	46954	48839	50713	52483	54231
Darkes Forest	240	379	508	635	752	870	987	1107	1232	1368	1507	1646	1778	1908	2040	2169	2298	2420	2541
Doonside	20820	23723	26450	29161	31670	34235	36813	39452	42241	45303	48467	51646	54682	57714	60823	63895	66980	69924	72862
Dundas	9480	11364	13130	14882	16499	18148	19803	21492	23274	25226	27238	29257	31181	33098	35060	36996	38936	40785	42626
East Richmond	5317	5919	6478	7028	7531	8041	8549	9063	9601	10186	10785	11381	11945	12503	13069	13624	14175	14696	15211
Eastern Creek	614	647	678	709	738	767	796	826	857	892	927	963	997	1031	1065	1100	1134	1166	1199
Edmondson Park	4973	5840	6651	7455	8195	8949	9703	10472	11282	12167	13078	13990	14857	15719	16600	17467	18334	19158	19977
Emu Plains	8296	8992	9639	10277	10862	11455	12045	12643	13270	13952	14651	15346	16004	16655	17317	17965	18610	19220	19823
Fairfield	4728	5157	5555	5945	6302	6663	7022	7384	7763	8174	8594	9011	9405	9794	10189	10574	10957	11318	11675
Figtree	12094	13610	15014	16390	17647	18915	20172	21442	22766	24200	25663	27113	28479	29825	31188	32516	33832	35072	36292
Gerringong	3722	3990	4239	4486	4712	4942	5172	5406	5652	5919	6194	6469	6729	6988	7251	7510	7768	8013	8256
Glenmore Park	16436	17913	19295	20666	21931	23220	24512	25830	27220	28742	30309	31880	33376	34865	36388	37889	39391	40822	42244
Glenorie	2752	3166	3554	3941	4300	4668	5038	5417	5819	6262	6720	7181	7622	8064	8518	8967	9419	9852	10285
Glossodia	6094	7208	8243	9260	10192	11134	12071	13019	14010	15086	16186	17280	18313	19333	20368	21380	22385	23334	24270
Granville	4629	5532	6383	7231	8019	8828	9643	10481	11370	12349	13366	14391	15374	16360	17375	18382	19399	20373	21350
Greystanes	5227	5807	6351	6893	7395	7907	8423	8951	9510	10124	10758	11397	12008	12619	13246	13867	14492	15090	15687
Hartley Vale	190	209	226	243	259	274	290	306	322	340	358	375	392	409	426	442	458	474	489
Hazelbrook	5132	5496	5834	6166	6469	6774	7077	7384	7704	8050	8403	8754	9084	9409	9739	10060	10379	10679	10975
Helensburgh	3481	3933	4351	4762	5137	5515	5890	6270	6665	7094	7532	7966	8375	8778	9186	9584	9978	10350	10716
Hinchinbrook	19312	21316	23202	25079	26821	28606	30404	32250	34205	36357	38587	40834	42986	45141	47357	49553	51765	53883	56002
Holroyd	12612	14970	17188	19396	21443	23539	25651	27816	30109	32633	35246	37878	40398	42920	45514	48084	50672	53150	55629
Homepride	3719	4705	5630	6549	7400	8270	9147	10044	10994	12038	13118	14205	15244	16282	17348	18403	19463	20476	21488
Horsley Park	2456	2574	2684	2793	2893	2994	3095	3197	3305	3422	3542	3662	3776	3889	4004	4117	4230	4337	4442
Huntingwood	1939	2186	2416	2642	2857	3075	3292	3512	3743	3994	4251	4507	4750	4991	5235	5475	5714	5940	6163
Huskisson	12389	13991	15478	16939	18278	19632	20979	22343	23770	25321	26907	28485	29976	31449	32944	34407	35861	37234	38589
Ilford Hall	391	496	593	688	775	862	949	1036	1128	1226	1327	1426	1520	1613	1706	1797	1887	1972	2056
Inner Harbour	40	42	43	44	45	46	48	49	50	51	52	54	55	56	57	59	60	61	62

Table A4.1	Total rooftop PV capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	1920	2244	2546	2845	3116	3391	3666	3946	4240	4561	4892	5221	5535	5846	6163	6475	6786	7082	7375
Jasper Rd	9306	10294	11226	12156	13020	13908	14804	15724	16702	17779	18897	20025	21107	22192	23309	24418	25536	26608	27681
Jordan Springs	8665	9578	10432	11277	12056	12848	13641	14449	15299	16228	17184	18140	19049	19953	20876	21784	22692	23554	24412
Kandos	2851	3928	4927	5906	6800	7702	8597	9501	10443	11464	12505	13537	14509	15467	16437	17382	18319	19201	20069
Kangaroo Valley	1295	1515	1720	1922	2102	2284	2466	2650	2843	3053	3268	3482	3684	3885	4089	4288	4487	4675	4860
Katoomba	5835	6359	6846	7324	7762	8205	8645	9091	9557	10064	10582	11097	11584	12065	12553	13030	13504	13952	14394
Kellyville	7388	8345	9248	10149	10987	11847	12715	13607	14553	15597	16680	17772	18820	19871	20953	22026	23108	24146	25185
Kembla Grange	3629	4158	4652	5142	5592	6050	6508	6976	7468	8006	8560	9115	9644	10171	10711	11244	11778	12287	12796
Kemps Creek	3077	3542	3975	4401	4796	5199	5603	6018	6455	6936	7432	7931	8407	8882	9370	9852	10335	10798	11259
Kenny Street	620	640	658	676	692	709	725	741	758	776	794	813	830	847	864	880	897	912	927
Kenthurst	10490	12579	14545	16504	18321	20184	22061	23988	26029	28276	30605	32950	35197	37446	39758	42050	44357	46566	48775
Kentlyn	17113	19357	21449	23512	25409	27334	29256	31210	33260	35496	37791	40081	42253	44408	46602	48756	50904	52940	54959
Kiama	9205	10328	11377	12415	13372	14346	15320	16313	17357	18499	19673	20847	21964	23075	24208	25323	26438	27497	28549
Kingswood	13227	15918	18432	20917	23209	25541	27876	30256	32761	35500	38319	41139	43822	46491	49216	51898	54580	57130	59663
Kurrajong	6881	8124	9279	10416	11458	12511	13559	14621	15731	16938	18172	19399	20558	21705	22868	24006	25137	26205	27260
Leabons Lane	6160	7361	8490	9612	10652	11714	12782	13876	15031	16300	17611	18929	20188	21445	22734	24008	25287	26509	27727
Lennox	2152	2756	3322	3881	4399	4927	5459	6003	6577	7208	7860	8516	9142	9767	10409	11043	11680	12289	12897
Lithgow	8427	9611	10709	11787	12771	13764	14750	15745	16784	17909	19058	20196	21270	22328	23399	24444	25480	26456	27417
Liverpool 11kv	8918	9623	10280	10927	11525	12134	12745	13368	14025	14745	15486	16229	16936	17641	18362	19072	19783	20460	21134
Luddenham	3272	4328	5325	6320	7254	8223	9211	10238	11340	12570	13862	15182	16465	17769	19130	20500	21902	23266	24655
Macquarie Fields	15845	18350	20569	22754	24757	26786	28807	30857	33004	35340	37731	40113	42367	44597	46863	49082	51291	53379	55444
Maldon	11722	14417	16807	19177	21367	23600	25842	28133	30549	33199	35933	38676	41293	43903	46577	49216	51865	54390	56909
Mamre	13910	15489	16968	18436	19777	21144	22516	23918	25397	27018	28691	30368	31968	33562	35194	36804	38418	39956	41488
Marayong	6892	8443	9898	11259	12518	13804	15096	16418	17814	19346	20927	22516	24033	25546	27097	28629	30166	31632	33094
Marsden Park	10233	10882	11484	12073	12616	13168	13721	14284	14876	15524	16190	16856	17490	18121	18765	19398	20032	20635	21234
Meadow Flat	668	779	883	980	1069	1158	1247	1337	1431	1532	1635	1737	1834	1929	2025	2119	2211	2299	2385
Minto	22386	24460	26391	28293	30039	31807	33570	35359	37233	39273	41363	43445	45416	47368	49352	51296	53231	55062	56873
Mittagong	9925	11234	12461	13678	14786	15916	17050	18209	19431	20771	22154	23540	24863	26181	27531	28863	30198	31470	32738
Moorebank	4786	5695	6548	7398	8186	8992	9805	10638	11521	12492	13497	14509	15478	16447	17443	18429	19422	20371	21320
Moss Vale	9868	11347	12721	14073	15312	16566	17815	19081	20406	21847	23322	24789	26177	27550	28945	30310	31667	32950	34218
Mount Ousley	6275	7368	8380	9373	10280	11195	12103	13020	13977	15014	16071	17120	18109	19083	20069	21031	21984	22882	23766
Mungerie Park	39743	43706	47427	51124	54548	58049	61569	65173	68983	73168	77495	81844	86000	90151	94411	98623	102854	106895	110930

Table A4.1	Total rooftop PV capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	26018	28542	30981	33475	35853	38357	40953	43691	46675	50055	53657	57393	61076	64872	68893	72996	77251	81448	85775
Nepean 11kv	20530	23581	26536	29565	32381	35352	38436	41695	45253	49288	53596	58070	62487	67046	71880	76821	81952	87018	92247
Newton	7428	8124	8776	9425	10025	10638	11254	11884	12549	13280	14034	14792	15515	16237	16977	17708	18441	19141	19839
North Eastern Creek	442	475	505	535	563	592	620	649	680	713	748	782	815	848	882	915	948	980	1011
North Leppington	1890	2553	3180	3794	4367	4957	5553	6169	6824	7549	8304	9068	9805	10546	11312	12077	12851	13596	14347
North Parramatta	4798	5618	6393	7168	7908	8669	9438	10231	11073	12003	12970	13948	14887	15831	16804	17772	18749	19687	20629
North Richmond	5921	6992	7987	8967	9865	10774	11678	12596	13556	14600	15668	16731	17737	18732	19742	20731	21715	22645	23564
North Rocks	4885	5591	6258	6925	7546	8183	8827	9490	10194	10971	11778	12593	13376	14161	14972	15776	16589	17368	18151
North Warragamba	6262	7771	9187	10593	11883	13201	14525	15880	17312	18884	20508	22141	23701	25259	26859	28440	30030	31549	33067
North Wollongong	3077	3863	4588	5192	5742	6296	6845	7398	7973	8596	9230	9857	10447	11027	11614	12184	12749	13279	13801
Northmead	5107	5983	6810	7636	8404	9192	9988	10807	11675	12634	13629	14633	15597	16564	17560	18550	19548	20505	21464
Nowra	9230	10844	12346	13825	15182	16557	17927	19316	20771	22355	23976	25592	27120	28633	30172	31678	33177	34595	35997
Oakdale	1422	1875	2300	2722	3112	3511	3911	4321	4753	5228	5719	6211	6682	7152	7634	8110	8589	9046	9503
Oran Park	18102	22198	26170	30246	34142	38253	42522	47035	51962	57552	63521	69720	75841	82160	88861	95708	102820	109842	117091
Parklea	38613	41811	44823	47825	50613	53368	56149	59006	62037	65379	68848	72349	75708	79079	82553	86004	89488	92831	96186
Penrith 11kv	4324	5537	6667	7781	8807	9715	10623	11548	12520	13581	14672	15762	16798	17827	18876	19907	20937	21915	22886
Plumpton	14159	16009	17745	19470	21066	22696	24334	26010	27780	29723	31730	33745	35670	37590	39559	41504	43456	45318	47176
Port Central	2505	3033	3522	4002	4442	4885	5326	5773	6239	6745	7262	7775	8260	8738	9224	9698	10169	10613	11051
Port Kembla	6168	7525	8786	10027	11165	12317	13463	14625	15841	17163	18516	19863	21136	22396	23675	24927	26171	27348	28511
Portland	2254	2527	2781	3029	3256	3485	3713	3942	4182	4442	4706	4969	5217	5461	5708	5949	6188	6413	6634
Prestons	16088	17733	19293	20858	22340	23870	25424	27030	28745	30649	32637	34657	36608	38579	40625	42670	44749	46758	48788
Prospect	6347	6830	7286	7741	8169	8608	9051	9506	9990	10523	11076	11634	12169	12707	13260	13810	14365	14897	15431
Quakers Hill	18106	20458	22667	24863	26895	28972	31061	33199	35457	37938	40501	43077	45537	47993	50513	53003	55503	57890	60271
Quarries	3472	3907	4316	4722	5098	5483	5870	6266	6685	7146	7622	8101	8558	9016	9485	9950	10417	10863	11308
Ringwood	4411	4973	5496	6011	6483	6962	7438	7922	8428	8979	9543	10105	10636	11162	11697	12220	12741	13234	13721
Riverstone	12395	13421	14378	15321	16189	17071	17954	18852	19797	20828	21889	22949	23957	24958	25979	26984	27988	28941	29888
Robertson	3112	3745	4339	4930	5477	6037	6599	7174	7782	8450	9140	9834	10497	11159	11838	12509	13183	13827	14470
Rooty Hill	16628	18759	20758	22744	24582	26459	28345	30275	32313	34550	36859	39179	41394	43604	45869	48107	50352	52494	54631
Rosehill	1074	1336	1582	1828	2055	2289	2524	2766	3021	3303	3595	3889	4171	4453	4744	5032	5321	5599	5877
Russell Vale	7898	9313	10623	11908	13083	14267	15443	16630	17869	19211	20580	21938	23218	24480	25757	27002	28237	29400	30545

Table A4.1	Total rooftop PV capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	8174	9540	10826	12109	13300	14521	15753	17018	18359	19837	21369	22914	24395	25878	27405	28918	30444	31905	33368
Schofields	21096	23931	26594	29241	31690	34193	36709	39284	42004	44992	48078	51178	54140	57097	60129	63125	66134	69006	71871
Seven Hills	5958	6387	6789	7188	7556	7932	8309	8695	9103	9549	10010	10473	10915	11355	11806	12252	12698	13124	13549
Shellharbour	15245	17629	19852	22048	24069	26121	28173	30260	32453	34847	37305	39761	42092	44407	46767	49085	51399	53594	55772
Sherwood	6632	7568	8442	9306	10102	10913	11725	12553	13426	14381	15365	16352	17292	18229	19187	20133	21082	21986	22887
Smithfield	12216	13447	14588	15707	16756	17813	18862	19922	21026	22222	23442	24651	25791	26913	28049	29156	30253	31286	32303
South Granville	4366	5249	6076	6899	7659	8435	9215	10012	10854	11779	12733	13692	14608	15523	16461	17388	18319	19209	20097
South Leppington	12261	14279	16171	18049	19785	21557	23338	25161	27086	29201	31387	33585	35687	37788	39948	42086	44238	46298	48360
South Marsden Park	3772	4921	6005	7089	8106	9161	10237	11355	12555	13894	15300	16736	18132	19550	21030	22520	24044	25526	27034
South Nowra	2979	3297	3592	3882	4148	4417	4684	4955	5238	5546	5861	6174	6469	6762	7058	7349	7637	7909	8178
South Windsor	12232	14111	15849	17551	19116	20705	22292	23905	25599	27447	29345	31239	33036	34820	36637	38421	40202	41890	43564
South Wollongong	2195	2597	2967	3329	3659	3990	4319	4650	4995	5368	5747	6122	6476	6823	7174	7515	7852	8170	8482
Springwood	10499	11252	11950	12635	13261	13892	14519	15153	15813	16530	17260	17985	18669	19342	20024	20689	21349	21970	22582
St Marys	10087	11983	13758	15516	17140	18794	20453	22146	23930	25885	27898	29916	31838	33752	35710	37639	39571	41410	43240
Sussex Inlet	3798	4529	5213	5891	6504	7129	7754	8392	9064	9798	10554	11311	12031	12748	13480	14201	14922	15608	16289
Tahmoor	11064	13689	16149	18588	20841	23139	25445	27800	30285	33008	35818	38636	41324	44004	46749	49458	52175	54766	57349
The Oaks	3563	4262	4930	5607	6246	6910	7592	8303	9071	9931	10838	11770	12680	13608	14583	15568	16581	17572	18584
Tomerong	6103	6546	6959	7365	7738	8118	8497	8882	9284	9722	10171	10618	11041	11460	11886	12303	12717	13110	13498
Ulladulla	14809	16597	18259	19893	21390	22905	24413	25941	27539	29277	31055	32823	34496	36149	37828	39470	41103	42646	44170
Unanderra	3396	3830	4233	4627	4987	5350	5711	6075	6454	6865	7284	7699	8091	8477	8867	9248	9625	9980	10329
Warilla	10596	12394	13972	15531	16964	18419	19873	21352	22904	24598	26337	28073	29721	31355	33021	34656	36288	37835	39369
Wentworth Falls	3648	4036	4398	4755	5063	5376	5689	6008	6342	6708	7084	7459	7816	8170	8531	8886	9241	9577	9911
Werrington	9643	11396	13034	14655	16150	17673	18961	20277	21663	23180	24744	26311	27803	29289	30809	32307	33806	35234	36654
West Castle Hill	8577	9846	11043	12237	13347	14486	15635	16816	18070	19451	20885	22331	23717	25108	26539	27959	29391	30763	32138
West Liverpool 11kv	9695	11369	12941	14501	15947	17425	18913	20436	22047	23817	25647	27487	29246	31004	32809	34593	36387	38100	39811
West Parramatta	687	808	922	1034	1161	1292	1423	1558	1700	1856	2018	2181	2337	2493	2653	2812	2971	3124	3277
West Pennant Hills	9321	10475	11564	12650	13659	14695	15740	16814	17953	19210	20512	21827	23087	24350	25651	26942	28243	29490	30738
West Wetherill Park 11kv	1745	1778	1808	1832	1854	1877	1899	1922	1946	1972	1999	2026	2051	2076	2102	2127	2152	2176	2199

Table A4.1	Total rooftop PV capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	4487	5295	6046	6783	7463	8149	8830	9518	10237	11016	11812	12601	13346	14081	14825	15551	16271	16950	17619
Westmead	428	526	601	677	747	819	891	966	1045	1132	1222	1313	1401	1489	1579	1669	1759	1846	1933
Wetherill Park	2169	2286	2393	2498	2594	2691	2787	2884	2985	3094	3206	3317	3421	3524	3628	3729	3830	3924	4018
Whalan	8058	8847	9588	10323	11004	11699	12397	13111	13865	14693	15548	16406	17226	18043	18882	19709	20540	21332	22122
Wilton	2404	2704	2984	3249	3493	3741	3990	4244	4511	4803	5104	5406	5693	5978	6270	6557	6845	7118	7390
Windsor	6057	7021	7910	8778	9453	10136	10816	11506	12228	13014	13819	14620	15378	16128	16890	17637	18379	19082	19777
Wisemans	1502	1848	2169	2484	2739	2997	3253	3513	3785	4080	4381	4681	4965	5245	5529	5807	6083	6345	6602
Wombarra	3679	4200	4684	5159	5593	6031	6466	6905	7364	7861	8368	8871	9346	9813	10287	10749	11207	11639	12064
Woodpark	1294	1433	1561	1685	1800	1918	2035	2155	2282	2421	2564	2707	2844	2981	3121	3259	3397	3529	3661
Yatte Yattah	2192	2641	3062	3480	3867	4262	4659	5065	5493	5964	6450	6938	7404	7870	8347	8818	9291	9742	10193
Yennora	5487	6388	7224	8045	8796	9554	10307	11068	11863	12725	13605	14479	15304	16117	16942	17747	18546	19299	20042
GRAND TOTAL	**1292300**	**1477217**	**1650186**	**1821582**	**1979715**	**2140913**	**2302653**	**2468113**	**2642929**	**2834892**	**3033276**	**3232694**	**3423285**	**3613742**	**3809284**	**4002744**	**4197293**	**4383308**	**4569274**

Table A4.2	Total rooftop PV generation by ZSS – NIEIR June 2021																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	15	17	19	20	22	23	25	26	28	30	31	33	35	37	39	41	43	45	46
Albion Park	23	26	28	30	31	33	35	37	39	41	43	45	47	49	51	53	55	56	58
Ambarvale	14	15	17	19	20	22	23	25	27	28	30	32	34	36	38	39	41	43	45
Anzac Village	12	13	14	16	17	18	19	21	22	23	25	27	28	30	31	33	34	36	37
Appin	4	5	6	7	7	8	9	10	10	11	12	13	13	14	15	16	17	17	18
Arndell Park	6	7	8	9	10	11	12	12	13	14	15	16	17	18	19	21	22	22	23
Baulkham Hills 11kv	13	14	16	17	19	20	22	23	25	27	29	30	32	34	36	38	40	41	43
Bella Vista	22	25	27	30	32	35	37	40	43	46	49	52	55	58	61	64	67	70	73
Berry	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Blackheath	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9	10	10	10
Blackmans Flat	2	3	4	5	5	6	6	7	8	8	9	10	11	11	12	13	13	14	15
Blaxland	12	12	13	14	14	15	16	16	17	18	18	19	20	20	21	21	22	23	23
Bolong	1	2	2	2	3	3	3	3	3	4	4	4	5	5	5	5	6	6	6
Bomaderry	15	17	18	20	21	23	24	26	27	29	30	32	34	35	37	38	40	41	43
Bonnyrigg	15	17	19	20	22	24	25	27	29	31	33	35	37	39	41	43	45	47	48
Bossley Park	13	14	15	16	17	17	18	19	20	21	22	23	24	25	26	27	28	28	29
Bow Bowing	7	8	8	9	10	10	11	12	12	13	14	15	16	16	17	18	19	19	20
Bowral	11	14	16	18	20	21	23	25	27	29	31	33	35	37	39	41	43	45	47
Bringelly	5	6	7	9	10	11	12	13	15	16	18	20	21	23	25	26	28	30	32
Bulli	10	12	14	17	19	21	22	25	27	29	31	34	36	38	41	43	45	48	50
Bylong	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
Cabramatta	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	21	22	23	24
Cambridge Park	18	20	22	24	25	27	29	31	33	35	37	39	41	43	45	47	49	51	53
Campbelltown	12	14	16	18	20	22	24	27	29	31	34	37	39	42	45	48	50	53	56
Canley Vale	12	14	16	17	19	20	22	23	25	27	28	30	32	33	35	37	38	40	41
Carramar	5	6	7	7	8	9	10	11	12	12	13	14	15	16	17	18	19	20	20
Castle Hill	8	12	15	18	21	23	26	29	32	35	39	42	45	48	51	55	58	61	64
Casula	16	18	20	23	25	27	29	31	33	36	38	41	43	46	48	50	53	55	57
Cattai	7	8	9	10	11	13	14	15	16	17	19	20	21	22	24	25	26	27	28
Cawdor	11	13	15	17	19	21	23	26	28	31	34	36	39	42	45	49	52	55	58
Cheriton Avenue	12	14	16	18	20	22	25	27	29	32	35	37	40	43	46	48	51	54	57

Table A4.2	Total rooftop PV generation by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	8	9	9	10	11	12	12	13	14	15	16	17	18	19	20	21	22	23	24
Claremont Meadows	13	15	18	21	23	26	28	31	34	37	40	43	46	50	53	56	59	63	66
Corrimal	11	13	14	16	17	18	20	21	23	24	26	27	29	30	32	33	35	36	38
Cranebrook	11	12	14	16	17	19	20	22	23	25	27	29	31	33	34	36	38	40	41
Culburra	7	9	10	11	12	13	14	15	16	17	19	20	21	22	23	24	26	27	28
Dapto	25	28	30	32	35	37	39	41	43	46	48	51	53	56	58	60	63	65	67
Darkes Forest	0	0	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3
Doonside	27	30	34	37	40	44	47	50	54	58	62	66	70	74	78	82	86	89	93
Dundas	12	15	17	19	21	23	25	27	30	32	35	37	40	42	45	47	50	52	54
East Richmond	7	8	8	9	10	10	11	12	12	13	14	15	15	16	17	17	18	19	20
Eastern Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Edmondson Park	6	8	9	10	11	11	12	13	14	16	17	18	19	20	21	22	24	25	26
Emu Plains	10	11	12	13	14	14	15	16	17	18	18	19	20	21	22	23	23	24	25
Fairfield	6	7	7	8	8	9	9	9	10	10	11	12	12	13	13	14	14	14	15
Figtree	15	17	19	20	22	23	25	26	28	30	32	33	35	37	39	40	42	43	45
Gerringong	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9	10	10	10	11
Glenmore Park	21	23	24	26	28	29	31	33	34	36	38	40	42	44	46	48	50	52	53
Glenorie	4	4	5	5	6	6	6	7	7	8	9	9	10	10	11	12	12	13	13
Glossodia	8	9	11	12	13	14	15	17	18	19	21	22	24	25	26	27	29	30	31
Granville	6	7	8	9	10	11	12	13	15	16	17	18	20	21	22	23	25	26	27
Greystanes	7	7	8	9	9	10	11	11	12	13	14	15	15	16	17	18	19	19	20
Hartley Vale	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Hazelbrook	7	7	8	8	8	9	9	10	10	10	11	11	12	12	13	13	13	14	14
Helensburgh	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13
Hinchinbrook	25	27	30	32	34	37	39	41	44	47	50	52	55	58	61	64	67	69	72
Holroyd	16	19	22	25	27	30	33	36	38	42	45	48	52	55	58	61	65	68	71
Homepride	5	6	7	8	10	11	12	13	14	15	17	18	20	21	22	24	25	26	28
Horsley Park	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6
Huntingwood	2	3	3	3	4	4	4	4	5	5	5	6	6	6	7	7	7	8	8
Huskisson	16	18	20	22	23	25	27	29	30	32	34	36	38	40	42	44	46	48	49
Ilford Hall	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A4.2	Total rooftop PV generation by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	2	3	3	4	4	4	5	5	5	6	6	7	7	7	8	8	9	9	9
Jasper Rd	12	13	14	16	17	18	19	20	21	23	24	26	27	28	30	31	33	34	35
Jordan Springs	11	12	13	14	15	16	17	18	19	20	22	23	24	25	26	28	29	30	31
Kandos	4	6	7	8	10	11	12	14	15	16	18	19	21	22	24	25	26	28	29
Kangaroo Valley	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6
Katoomba	8	8	9	9	10	11	11	12	12	13	14	14	15	16	16	17	17	18	19
Kellyville	9	11	12	13	14	15	16	17	19	20	21	23	24	25	27	28	30	31	32
Kembla Grange	4	5	6	6	7	7	8	9	9	10	11	11	12	13	13	14	15	15	16
Kemps Creek	4	5	5	6	6	7	7	8	8	9	10	10	11	11	12	13	13	14	14
Kenny Street	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kenthurst	13	16	19	21	23	26	28	31	33	36	39	42	45	48	51	54	57	60	62
Kentlyn	22	25	28	30	33	35	38	40	43	46	49	51	54	57	60	63	65	68	71
Kiama	12	13	15	16	17	18	20	21	22	24	25	27	28	29	31	32	34	35	36
Kingswood	17	20	23	26	29	32	35	38	41	45	48	52	55	59	62	66	69	72	75
Kurrajong	9	10	12	13	15	16	17	19	20	22	23	25	26	28	29	31	32	34	35
Leabons Lane	8	9	11	12	14	15	16	18	19	21	23	24	26	27	29	31	32	34	35
Lennox	3	4	4	5	6	6	7	8	8	9	10	11	12	12	13	14	15	16	16
Lithgow	11	12	14	15	16	18	19	20	22	23	25	26	27	29	30	32	33	34	35
Liverpool 11kv	11	12	13	14	15	16	16	17	18	19	20	21	22	23	24	25	25	26	27
Luddenham	4	5	7	8	9	10	12	13	14	16	18	19	21	22	24	26	28	29	31
Macquarie Fields	20	24	26	29	32	34	37	40	42	45	48	52	54	57	60	63	66	69	71
Maldon	15	19	22	25	27	30	33	36	39	43	46	50	53	56	60	63	67	70	73
Mamre	18	20	22	24	25	27	29	31	32	35	37	39	41	43	45	47	49	51	53
Marayong	9	11	13	14	16	18	19	21	23	25	27	29	31	33	35	37	39	40	42
Marsden Park	13	14	15	15	16	17	18	18	19	20	21	22	22	23	24	25	26	26	27
Meadow Flat	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3
Minto	29	31	34	36	39	41	43	45	48	50	53	56	58	61	63	66	68	71	73
Mittagong	13	14	16	17	19	20	22	23	25	26	28	30	32	33	35	37	39	40	42
Moorebank	6	7	8	10	11	12	13	14	15	16	17	19	20	21	22	24	25	26	27
Moss Vale	13	14	16	18	20	21	23	24	26	28	30	32	33	35	37	39	40	42	44
Mount Ousley	8	9	10	12	13	14	15	16	17	19	20	21	23	24	25	26	27	29	30
Mungerie Park	51	56	61	65	70	74	79	83	88	94	99	105	110	115	121	126	131	137	142

Table A4.2	Total rooftop PV generation by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	33	37	40	43	46	49	53	56	60	64	69	74	78	83	89	94	99	105	110
Nepean 11kv	26	30	34	38	42	45	49	54	58	63	69	75	80	86	92	99	105	112	119
Newton	9	10	11	12	13	14	14	15	16	17	18	19	20	21	22	23	24	24	25
North Eastern Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
North Leppington	2	3	4	5	6	6	7	8	9	10	11	12	13	13	14	15	16	17	18
North Parramatta	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	23	24	25	26
North Richmond	8	9	10	12	13	14	15	16	17	19	20	21	23	24	25	27	28	29	30
North Rocks	6	7	8	9	10	10	11	12	13	14	15	16	17	18	19	20	21	22	23
North Warragamba	8	10	12	13	15	17	18	20	22	24	26	28	30	32	34	36	38	40	42
North Wollongong	4	5	6	6	7	8	8	9	10	11	11	12	13	14	14	15	16	16	17
Northmead	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	24	25	26	27
Nowra	12	14	16	18	19	21	23	25	27	29	31	33	35	37	39	40	42	44	46
Oakdale	2	2	3	3	4	5	5	6	6	7	7	8	9	9	10	10	11	12	12
Oran Park	23	28	34	39	44	49	55	60	67	74	82	89	97	105	114	123	132	141	150
Parklea	49	53	57	61	65	68	72	75	79	84	88	92	97	101	106	110	114	119	123
Penrith 11kv	5	7	8	10	11	12	13	15	16	17	19	20	21	23	24	25	26	28	29
Plumpton	18	20	23	25	27	29	31	33	36	38	41	43	46	48	51	53	56	58	60
Port Central	3	4	4	5	6	6	7	7	8	9	9	10	11	11	12	12	13	14	14
Port Kembla	8	9	11	12	14	15	17	18	20	21	23	25	26	28	29	31	32	34	35
Portland	3	3	4	4	4	5	5	5	5	6	6	6	7	7	7	8	8	8	9
Prestons	21	23	25	27	29	31	33	35	37	39	42	45	47	50	52	55	57	60	63
Prospect	8	9	9	10	10	11	12	12	13	13	14	15	16	16	17	18	18	19	20
Quakers Hill	23	26	29	32	34	37	40	42	45	48	52	55	58	61	65	68	71	74	77
Quarries	4	5	6	6	7	7	8	8	9	9	10	10	11	12	12	13	13	14	14
Ringwood	6	6	7	8	8	9	9	10	11	11	12	13	14	14	15	16	16	17	17
Riverstone	16	17	18	20	21	22	23	24	25	27	28	29	31	32	33	35	36	37	38
Robertson	4	5	6	6	7	8	8	9	10	11	12	13	13	14	15	16	17	18	18
Rooty Hill	21	24	27	29	31	34	36	39	41	44	47	50	53	56	59	61	64	67	70
Rosehill	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	8
Russell Vale	10	12	13	15	16	18	19	21	22	24	26	27	29	31	32	34	35	37	38

Table A4.2	Total rooftop PV generation by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	10	12	14	15	17	19	20	22	23	25	27	29	31	33	35	37	39	41	43
Schofields	27	31	34	37	41	44	47	50	54	58	61	65	69	73	77	81	85	88	92
Seven Hills	8	8	9	9	10	10	11	11	12	12	13	13	14	15	15	16	16	17	17
Shellharbour	19	23	25	28	31	33	36	39	41	44	48	51	54	57	60	63	66	68	71
Sherwood	8	10	11	12	13	14	15	16	17	18	20	21	22	23	25	26	27	28	29
Smithfield	16	17	19	20	21	23	24	25	27	28	30	32	33	34	36	37	39	40	41
South Granville	6	7	8	9	10	11	12	13	14	15	16	18	19	20	21	22	23	25	26
South Leppington	16	18	21	23	25	28	30	32	35	37	40	43	46	49	51	54	57	59	62
South Marsden Park	5	6	8	9	10	12	13	15	16	18	20	21	23	25	27	29	31	33	35
South Nowra	4	4	5	5	5	6	6	6	7	7	7	8	8	9	9	9	10	10	10
South Windsor	16	18	20	23	25	27	29	31	33	35	38	40	42	45	47	49	52	54	56
South Wollongong	3	3	4	4	5	5	5	6	6	7	7	8	8	8	9	9	10	10	10
Springwood	13	14	15	16	17	18	18	19	20	21	22	23	24	24	25	26	27	28	29
St Marys	13	15	18	20	22	24	26	28	31	33	36	38	41	43	46	48	51	53	55
Sussex Inlet	5	6	7	8	8	9	10	11	12	13	13	14	15	16	17	18	19	20	21
Tahmoor	14	18	21	24	27	30	33	36	39	42	46	50	53	57	60	64	67	70	74
The Oaks	5	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	23	24
Tomerong	8	8	9	9	10	10	11	11	12	12	13	14	14	15	15	16	16	17	17
Ulladulla	18	21	23	25	26	28	30	32	34	36	38	41	43	45	47	49	51	53	55
Unanderra	4	5	5	6	6	7	7	8	8	8	9	10	10	10	11	11	12	12	13
Warilla	14	16	18	20	22	24	25	27	29	31	34	36	38	40	42	44	46	48	50
Wentworth Falls	5	5	6	6	7	7	7	8	8	9	9	10	10	11	11	11	12	12	13
Werrington	12	15	17	19	21	23	24	26	28	30	32	34	36	37	39	41	43	45	47
West Castle Hill	11	13	14	16	17	19	20	21	23	25	27	29	30	32	34	36	38	39	41
West Liverpool 11kv	12	15	17	19	20	22	24	26	28	31	33	35	38	40	42	44	47	49	51
West Parramatta	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4
West Pennant Hills	12	13	15	16	17	19	20	21	23	25	26	28	30	31	33	34	36	38	39
West Wetherill Park 11kv	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3

Table A4.2	Total rooftop PV generation by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	6	7	7	8	9	10	11	12	13	14	15	16	16	17	18	19	20	21	22
Westmead	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Wetherill Park	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5
Whalan	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Wilton	3	3	4	4	4	5	5	5	6	6	7	7	7	8	8	8	9	9	9
Windsor	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	24	25
Wisemans	2	2	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8
Wombarra	5	5	6	6	7	8	8	9	9	10	10	11	12	12	13	13	14	15	15
Woodpark	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	5	5
Yatte Yattah	3	3	4	4	5	5	6	6	7	8	8	9	9	10	11	11	12	12	13
Yennora	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	24	25	26
GRAND TOTAL	**1649**	**1885**	**2106**	**2325**	**2527**	**2733**	**2939**	**3150**	**3374**	**3619**	**3872**	**4127**	**4370**	**4613**	**4863**	**5110**	**5359**	**5596**	**5834**

Table A4.3	Total rooftop PV customers by ZSS – NIEIR June 2021																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	2412	2629	2832	3033	3219	3409	3601	3797	4005	4234	4471	4710	4939	5169	5406	5641	5878	6105	6333
Albion Park	3318	3614	3887	4153	4396	4640	4883	5128	5383	5660	5941	6220	6483	6742	7003	7258	7511	7748	7982
Ambarvale	2275	2501	2711	2917	3106	3299	3490	3685	3890	4113	4342	4570	4786	5001	5219	5434	5647	5850	6051
Anzac Village	1830	2016	2190	2362	2520	2682	2845	3012	3187	3380	3579	3779	3969	4159	4354	4546	4739	4922	5106
Appin	588	692	788	883	969	1056	1142	1230	1321	1420	1522	1622	1717	1810	1905	1998	2090	2177	2262
Arndell Park	991	1100	1201	1300	1392	1485	1578	1673	1773	1882	1994	2107	2213	2319	2428	2534	2640	2741	2842
Baulkham Hills 11kv	2008	2205	2388	2569	2736	2907	3078	3253	3438	3641	3850	4060	4260	4459	4664	4866	5068	5261	5453
Bella Vista	3063	3371	3659	3942	4204	4471	4739	5012	5300	5616	5941	6266	6576	6885	7201	7513	7825	8122	8417
Berry	1110	1231	1342	1451	1550	1650	1750	1851	1956	2070	2186	2302	2411	2519	2627	2734	2839	2939	3036
Blackheath	745	797	846	893	936	979	1021	1064	1108	1156	1205	1253	1298	1342	1386	1430	1472	1512	1551
Blackmans Flat	351	434	511	586	654	723	791	860	932	1009	1088	1166	1240	1313	1386	1457	1528	1594	1659
Blaxland	1953	2032	2106	2177	2242	2307	2371	2436	2503	2575	2649	2721	2789	2856	2924	2989	3053	3114	3173
Bolong	227	260	290	319	346	374	401	428	456	487	518	549	579	607	636	665	693	720	746
Bomaderry	2257	2450	2628	2801	2960	3120	3278	3439	3606	3786	3971	4154	4326	4495	4667	4834	5000	5156	5309
Bonnyrigg	2567	2829	3071	3309	3528	3750	3971	4196	4432	4689	4953	5216	5466	5713	5965	6213	6459	6693	6925
Bossley Park	1858	1972	2077	2178	2271	2364	2456	2548	2643	2747	2851	2955	3052	3147	3243	3336	3427	3513	3597
Bow Bowing	1047	1168	1280	1389	1489	1590	1690	1791	1896	2010	2127	2242	2352	2459	2568	2674	2779	2878	2976
Bowral	1609	1833	2040	2241	2426	2612	2796	2983	3177	3388	3602	3815	4016	4214	4414	4609	4802	4984	5164
Bringelly	531	674	809	944	1070	1201	1335	1473	1622	1787	1960	2137	2309	2483	2664	2847	3033	3214	3397
Bulli	1570	1875	2158	2436	2691	2950	3208	3471	3747	4049	4359	4668	4963	5255	5554	5848	6143	6423	6703
Bylong	26	34	42	50	56	63	70	77	84	92	99	107	114	121	128	135	142	148	154
Cabramatta	817	929	1032	1134	1227	1321	1415	1511	1611	1721	1833	1945	2051	2156	2263	2367	2472	2571	2669
Cambridge Park	2636	2906	3156	3402	3628	3857	4086	4319	4563	4828	5101	5373	5631	5887	6147	6402	6657	6898	7137
Campbelltown	1776	2029	2267	2503	2722	2947	3175	3410	3659	3935	4223	4514	4794	5076	5369	5661	5957	6243	6532
Canley Vale	2148	2359	2555	2746	2921	3097	3272	3449	3634	3834	4038	4241	4432	4621	4812	4999	5184	5359	5531
Carramar	740	858	967	1072	1168	1265	1360	1456	1555	1662	1771	1879	1980	2079	2179	2276	2371	2461	2549
Castle Hill	1107	1474	1814	2146	2450	2758	3064	3373	3697	4048	4407	4764	5101	5434	5772	6102	6430	6740	7045
Casula	2424	2750	3053	3349	3622	3897	4172	4451	4743	5061	5387	5711	6018	6323	6632	6935	7236	7522	7804
Cattai	652	760	860	957	1046	1136	1226	1316	1410	1513	1617	1721	1818	1915	2012	2107	2202	2291	2379
Cawdor	1423	1656	1877	2100	2308	2525	2746	2976	3224	3500	3791	4088	4377	4671	4978	5287	5605	5913	6228
Cheriton Avenue	1597	1855	2098	2340	2565	2795	3029	3269	3524	3805	4098	4394	4678	4964	5260	5553	5851	6136	6423

Table A4.3	Total rooftop PV customers by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	1147	1249	1344	1438	1526	1616	1707	1801	1900	2010	2124	2238	2349	2459	2574	2687	2802	2912	3022
Claremont Meadows	1622	1882	2125	2366	2589	2817	3046	3282	3530	3804	4087	4373	4646	4920	5201	5480	5762	6032	6302
Corrimal	1720	1942	2145	2344	2524	2705	2884	3064	3251	3453	3659	3861	4051	4238	4426	4609	4789	4958	5124
Cranebrook	1392	1589	1771	1949	2113	2279	2445	2613	2789	2980	3176	3372	3557	3740	3927	4109	4291	4463	4633
Culburra	1240	1382	1513	1640	1757	1875	1991	2109	2232	2365	2501	2635	2762	2887	3013	3136	3258	3372	3485
Dapto	3960	4281	4576	4864	5126	5391	5653	5916	6191	6488	6791	7090	7372	7649	7929	8202	8472	8725	8975
Darkes Forest	44	75	104	132	157	183	209	235	262	291	321	350	378	406	434	461	488	514	539
Doonside	4792	5330	5832	6325	6780	7243	7706	8178	8674	9216	9774	10331	10861	11388	11925	12454	12982	13484	13983
Dundas	1966	2266	2546	2820	3072	3328	3584	3844	4116	4414	4719	5023	5312	5599	5891	6178	6464	6736	7005
East Richmond	965	1102	1228	1352	1465	1578	1692	1806	1925	2054	2186	2317	2441	2563	2686	2807	2926	3039	3150
Eastern Creek	105	118	131	143	154	166	177	189	201	215	229	242	256	269	282	295	309	321	334
Edmondson Park	720	850	971	1090	1199	1309	1419	1531	1648	1775	1905	2035	2158	2280	2403	2524	2645	2759	2872
Emu Plains	1627	1735	1835	1932	2020	2110	2198	2288	2381	2482	2585	2687	2783	2878	2974	3067	3160	3247	3332
Fairfield	999	1076	1147	1216	1279	1342	1405	1468	1534	1604	1677	1748	1815	1881	1947	2012	2076	2136	2196
Figtree	2329	2593	2836	3071	3286	3501	3714	3929	4151	4392	4636	4876	5103	5325	5549	5766	5980	6182	6379
Gerringong	782	839	891	943	990	1037	1085	1133	1183	1237	1293	1348	1401	1452	1505	1556	1607	1656	1703
Glenmore Park	2833	3031	3215	3395	3561	3729	3897	4067	4246	4441	4641	4841	5030	5218	5409	5596	5783	5960	6135
Glenorie	357	408	456	504	547	592	637	682	730	783	838	892	944	996	1049	1102	1154	1204	1254
Glossodia	890	1010	1120	1227	1325	1423	1520	1618	1720	1831	1943	2054	2158	2261	2365	2466	2565	2659	2751
Granville	926	1055	1176	1296	1406	1519	1632	1748	1870	2004	2143	2282	2415	2547	2683	2818	2952	3081	3210
Greystanes	1172	1283	1385	1487	1580	1675	1770	1867	1969	2081	2196	2311	2421	2530	2641	2751	2861	2965	3070
Hartley Vale	44	48	53	57	60	64	68	72	75	79	84	88	92	96	99	103	107	110	114
Hazelbrook	1221	1281	1336	1389	1438	1487	1536	1584	1635	1689	1745	1799	1850	1901	1951	2000	2049	2094	2139
Helensburgh	684	759	828	895	956	1018	1078	1140	1203	1271	1341	1410	1474	1537	1601	1663	1724	1781	1838
Hinchinbrook	3580	3913	4222	4529	4812	5100	5390	5687	5999	6342	6696	7051	7389	7727	8073	8414	8757	9083	9409
Holroyd	2305	2649	2971	3288	3580	3879	4178	4483	4806	5158	5522	5887	6235	6582	6936	7286	7637	7972	8305
Homepride	897	1130	1348	1563	1762	1964	2168	2376	2596	2837	3086	3336	3574	3811	4055	4295	4536	4765	4994
Horsley Park	280	305	328	350	371	392	413	434	456	480	505	529	553	575	599	621	644	665	687
Huntingwood	356	389	419	449	476	504	531	559	588	619	652	683	714	743	773	803	832	860	887
Huskisson	2382	2630	2858	3082	3285	3491	3694	3900	4114	4347	4583	4818	5039	5257	5477	5692	5904	6105	6302
Ilford Hall	63	78	91	104	115	127	138	150	162	175	188	201	213	225	237	248	260	271	281
Inner Harbour	16	17	17	17	17	17	18	18	18	18	18	19	19	19	19	19	20	20	20

Table A4.3	Total rooftop PV customers by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	319	362	402	442	478	514	550	587	626	667	710	753	793	832	873	912	951	988	1025
Jasper Rd	2020	2202	2372	2540	2696	2855	3015	3179	3351	3541	3737	3934	4122	4309	4502	4691	4882	5064	5245
Jordan Springs	1491	1637	1773	1906	2028	2152	2276	2401	2532	2674	2820	2965	3103	3239	3378	3513	3648	3776	3902
Kandos	514	671	816	956	1083	1211	1338	1465	1597	1739	1883	2025	2159	2290	2422	2550	2676	2794	2910
Kangaroo Valley	263	304	342	379	412	446	480	514	549	588	627	666	702	738	775	810	845	878	911
Katoomba	1324	1410	1489	1566	1636	1707	1777	1848	1921	2001	2082	2162	2238	2312	2388	2461	2533	2601	2669
Kellyville	1349	1486	1613	1740	1856	1976	2095	2218	2347	2489	2635	2782	2923	3063	3206	3348	3490	3626	3761
Kembla Grange	566	639	707	773	834	896	957	1019	1084	1155	1228	1301	1370	1438	1507	1576	1644	1708	1773
Kemps Creek	420	490	555	620	679	739	800	861	926	997	1070	1143	1212	1281	1352	1421	1491	1557	1622
Kenny Street	105	111	116	122	126	131	136	141	146	151	157	162	167	172	177	182	187	191	196
Kenthurst	1240	1447	1641	1832	2008	2189	2370	2554	2750	2964	3184	3406	3617	3827	4043	4256	4469	4673	4875
Kentlyn	3391	3742	4066	4384	4676	4970	5263	5559	5869	6205	6549	6891	7214	7534	7858	8174	8489	8786	9079
Kiama	1821	2001	2167	2330	2479	2631	2782	2935	3096	3270	3449	3627	3796	3962	4132	4298	4463	4620	4774
Kingswood	2394	2754	3088	3416	3717	4023	4328	4638	4963	5317	5681	6043	6387	6727	7074	7414	7753	8074	8393
Kurrajong	1087	1237	1375	1509	1632	1755	1877	2000	2128	2267	2408	2548	2679	2808	2939	3066	3191	3309	3425
Leabons Lane	1340	1543	1732	1919	2090	2265	2439	2617	2804	3009	3219	3429	3629	3827	4030	4229	4429	4618	4806
Lennox	404	501	592	682	765	850	935	1022	1114	1215	1319	1424	1524	1623	1726	1826	1928	2025	2121
Lithgow	1593	1780	1951	2118	2270	2422	2573	2724	2881	3051	3224	3394	3554	3710	3868	4022	4173	4316	4455
Liverpool 11kv	1927	2234	2519	2802	3063	3329	3596	3869	4157	4473	4799	5126	5437	5748	6066	6379	6694	6993	7292
Luddenham	397	510	617	724	823	926	1030	1138	1254	1382	1516	1652	1784	1918	2056	2195	2337	2474	2612
Macquarie Fields	3096	3499	3871	4235	4567	4902	5235	5571	5922	6302	6690	7074	7437	7795	8157	8510	8860	9190	9515
Maldon	1745	2029	2293	2552	2791	3033	3275	3522	3781	4064	4354	4644	4920	5193	5473	5747	6021	6281	6540
Mamre	2734	2973	3196	3414	3615	3819	4023	4230	4448	4686	4930	5173	5405	5634	5868	6097	6327	6544	6759
Marayong	1310	1511	1697	1881	2050	2222	2395	2570	2755	2956	3164	3371	3569	3765	3965	4161	4358	4545	4730
Marsden Park	1426	1531	1628	1723	1810	1898	1986	2075	2168	2269	2373	2476	2574	2670	2769	2865	2961	3051	3141
Meadow Flat	116	130	143	155	167	178	189	201	212	225	238	250	262	274	286	297	308	319	329
Minto	4583	4920	5232	5536	5813	6094	6372	6653	6946	7264	7588	7910	8213	8512	8815	9110	9403	9678	9950
Mittagong	1878	2059	2228	2394	2546	2701	2856	3014	3179	3360	3546	3731	3907	4081	4260	4434	4609	4775	4939
Moorebank	772	875	972	1067	1155	1245	1335	1427	1524	1630	1740	1850	1955	2060	2167	2273	2379	2480	2581
Moss Vale	1666	1864	2046	2224	2387	2551	2714	2878	3049	3235	3425	3612	3789	3964	4140	4312	4483	4643	4802
Mount Ousley	1174	1328	1470	1607	1733	1858	1983	2108	2238	2378	2520	2661	2793	2923	3053	3180	3305	3423	3538
Mungerie Park	6390	7000	7568	8128	8645	9170	9697	10234	10799	11418	12054	12692	13298	13902	14519	15126	15734	16311	16886

Table A4.3	Total rooftop PV customers by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	4389	4735	5066	5402	5722	6057	6403	6767	7161	7607	8080	8569	9050	9543	10063	10592	11139	11676	12228
Nepean 11kv	3247	3615	3968	4328	4669	5028	5399	5789	6213	6692	7201	7727	8244	8776	9337	9907	10498	11078	11674
Newton	1286	1378	1463	1548	1625	1704	1783	1864	1949	2041	2137	2232	2322	2412	2504	2594	2685	2770	2855
North Eastern Creek	79	88	97	106	114	122	130	139	148	157	167	177	187	196	206	215	225	233	242
North Leppington	269	350	426	501	571	642	714	788	866	952	1042	1132	1218	1305	1393	1482	1571	1656	1742
North Parramatta	830	943	1048	1152	1248	1347	1447	1549	1657	1776	1899	2023	2141	2259	2381	2502	2623	2738	2854
North Richmond	858	972	1076	1178	1271	1365	1458	1552	1650	1756	1865	1972	2073	2172	2272	2370	2468	2559	2649
North Rocks	1035	1151	1260	1367	1466	1568	1670	1775	1885	2006	2132	2258	2379	2499	2622	2744	2867	2984	3101
North Warragamba	906	1075	1233	1388	1531	1677	1822	1970	2126	2296	2471	2646	2813	2978	3148	3314	3481	3639	3797
North Wollongong	460	546	626	703	774	845	915	985	1058	1137	1217	1296	1371	1444	1517	1589	1659	1725	1790
Northmead	1054	1193	1323	1452	1571	1692	1815	1940	2072	2217	2367	2518	2662	2806	2953	3099	3246	3385	3525
Nowra	1776	2001	2208	2410	2595	2782	2967	3154	3349	3560	3775	3989	4191	4389	4590	4786	4980	5163	5344
Oakdale	252	323	390	455	516	577	638	701	767	838	912	986	1056	1126	1197	1267	1338	1404	1471
Oran Park	2576	3040	3485	3938	4368	4820	5287	5778	6311	6914	7554	8216	8866	9533	10238	10954	11695	12422	13170
Parklea	6900	7387	7841	8291	8706	9131	9557	9994	10454	10961	11483	12009	12511	13012	13527	14036	14548	15036	15525
Penrith 11kv	776	916	1047	1175	1292	1412	1531	1652	1779	1917	2059	2200	2334	2467	2603	2735	2868	2993	3117
Plumpton	3120	3459	3775	4085	4371	4662	4953	5250	5562	5903	6253	6603	6936	7267	7605	7937	8269	8585	8898
Port Central	517	608	692	775	849	925	999	1075	1153	1238	1325	1411	1492	1571	1651	1730	1807	1880	1952
Port Kembla	1200	1427	1637	1842	2029	2218	2405	2594	2790	3003	3220	3435	3637	3837	4038	4235	4429	4613	4793
Portland	394	426	456	485	511	537	563	590	617	646	676	706	733	761	788	815	841	865	890
Prestons	2991	3228	3451	3672	3878	4089	4303	4524	4758	5016	5285	5557	5818	6081	6353	6623	6897	7160	7425
Prospect	1316	1388	1455	1522	1583	1646	1709	1774	1842	1917	1994	2072	2146	2220	2296	2371	2446	2518	2590
Quakers Hill	3606	4001	4369	4732	5065	5405	5745	6091	6456	6854	7264	7673	8063	8450	8846	9234	9623	9993	10359
Quarries	745	824	898	971	1038	1106	1174	1244	1317	1398	1480	1563	1642	1720	1801	1880	1959	2034	2109
Ringwood	818	890	957	1022	1081	1141	1201	1261	1323	1391	1460	1529	1593	1657	1722	1784	1847	1905	1963
Riverstone	1931	2124	2304	2481	2643	2807	2972	3138	3313	3504	3700	3895	4080	4263	4450	4633	4816	4989	5161
Robertson	527	636	738	839	932	1026	1121	1217	1318	1429	1542	1656	1765	1872	1982	2090	2198	2301	2403
Rooty Hill	3134	3457	3758	4054	4326	4604	4881	5164	5461	5786	6120	6454	6771	7086	7408	7724	8041	8341	8639
Rosehill	242	297	349	401	448	497	545	595	648	706	766	826	883	940	998	1056	1114	1170	1225
Russell Vale	1548	1761	1957	2148	2322	2496	2668	2841	3021	3215	3413	3607	3790	3970	4151	4326	4500	4663	4822

Table A4.3	Total rooftop PV customers by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	1547	1779	1997	2211	2410	2613	2816	3024	3244	3485	3734	3984	4223	4461	4704	4945	5187	5417	5647
Schofields	3171	3503	3813	4118	4399	4685	4971	5262	5568	5903	6248	6592	6919	7245	7577	7903	8230	8540	8848
Seven Hills	1196	1315	1426	1535	1636	1738	1841	1946	2056	2176	2300	2424	2542	2659	2779	2897	3015	3127	3238
Shellharbour	2943	3298	3627	3949	4245	4544	4841	5143	5458	5802	6153	6502	6832	7159	7491	7816	8138	8443	8745
Sherwood	1293	1426	1550	1671	1783	1896	2009	2124	2244	2376	2511	2646	2774	2902	3032	3159	3287	3409	3529
Smithfield	2412	2599	2771	2938	3089	3242	3392	3544	3701	3870	4042	4212	4371	4527	4685	4838	4988	5130	5268
South Granville	876	1025	1164	1300	1426	1553	1681	1811	1947	2096	2249	2402	2547	2692	2840	2985	3130	3268	3405
South Leppington	1750	1973	2180	2384	2572	2763	2954	3149	3354	3578	3808	4039	4259	4477	4701	4922	5143	5353	5563
South Marsden Park	475	588	694	800	899	1001	1105	1212	1327	1455	1588	1724	1856	1989	2127	2266	2407	2543	2682
South Nowra	480	531	579	625	667	710	752	795	839	888	937	986	1032	1077	1123	1167	1211	1253	1294
South Windsor	1839	2049	2243	2432	2606	2782	2957	3134	3319	3520	3725	3930	4123	4314	4507	4697	4885	5063	5238
South Wollongong	374	432	486	539	587	635	682	730	779	833	887	940	991	1040	1090	1138	1186	1231	1275
Springwood	2269	2379	2480	2578	2668	2758	2847	2936	3029	3129	3230	3331	3425	3517	3610	3700	3790	3873	3955
St Marys	2069	2372	2654	2930	3185	3444	3702	3964	4240	4541	4849	5157	5449	5739	6035	6325	6614	6888	7160
Sussex Inlet	852	1004	1145	1283	1410	1538	1667	1797	1933	2081	2233	2385	2528	2670	2815	2957	3098	3231	3364
Tahmoor	1875	2189	2480	2766	3029	3296	3563	3835	4120	4431	4750	5070	5373	5673	5980	6282	6583	6869	7152
The Oaks	547	631	711	791	866	943	1022	1105	1193	1292	1395	1501	1603	1708	1817	1926	2038	2147	2258
Tomerong	1284	1363	1435	1506	1570	1635	1700	1765	1833	1906	1981	2055	2125	2194	2264	2332	2399	2463	2525
Ulladulla	3105	3420	3711	3994	4253	4514	4773	5034	5306	5601	5901	6199	6479	6756	7035	7307	7576	7830	8080
Unanderra	577	673	762	848	927	1005	1083	1161	1243	1330	1419	1508	1590	1671	1753	1832	1911	1984	2056
Warilla	2181	2464	2726	2982	3216	3454	3690	3928	4178	4449	4726	5002	5262	5519	5780	6035	6288	6528	6764
Wentworth Falls	823	884	941	997	1048	1099	1151	1203	1257	1317	1377	1437	1494	1551	1608	1664	1720	1773	1825
Werrington	1780	2068	2336	2599	2841	3086	3332	3581	3843	4129	4422	4715	4993	5269	5550	5826	6102	6363	6622
West Castle Hill	1547	1740	1920	2099	2264	2432	2601	2775	2958	3158	3366	3574	3772	3971	4174	4375	4576	4768	4960
West Liverpool 11kv	1991	2239	2470	2698	2908	3122	3337	3557	3788	4041	4302	4564	4813	5062	5316	5566	5817	6056	6293
West Parramatta	178	207	235	262	287	313	339	366	394	425	457	489	520	551	582	614	645	675	705
West Pennant Hills	1755	1931	2096	2259	2410	2564	2719	2877	3044	3228	3417	3608	3789	3971	4157	4340	4524	4700	4875
West Wetherill Park 11kv	179	181	183	185	187	189	191	193	195	197	200	202	204	206	208	210	212	214	216

Table A4.3	Total rooftop PV customers by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	909	1052	1184	1313	1429	1547	1663	1779	1900	2031	2164	2295	2418	2539	2661	2779	2896	3006	3113
Westmead	139	158	175	192	208	224	240	257	274	294	314	334	353	372	392	412	432	450	469
Wetherill Park	318	328	338	347	355	363	372	380	389	398	408	417	426	435	444	453	461	469	477
Whalan	1613	1736	1851	1965	2069	2175	2281	2389	2503	2628	2755	2883	3005	3126	3249	3370	3491	3607	3721
Wilton	416	459	498	537	572	608	644	680	718	760	802	845	885	925	965	1005	1045	1082	1119
Windsor	875	1005	1125	1243	1350	1458	1566	1674	1787	1909	2034	2158	2274	2389	2505	2619	2731	2837	2941
Wisemans	275	350	418	485	546	607	668	730	794	863	934	1004	1070	1135	1201	1265	1329	1389	1448
Wombarra	774	859	937	1013	1082	1151	1220	1289	1361	1438	1517	1595	1667	1739	1811	1881	1950	2015	2079
Woodpark	182	213	242	271	298	325	352	379	408	440	473	505	536	567	599	630	661	690	720
Yatte Yattah	529	665	792	917	1032	1149	1265	1384	1509	1646	1786	1926	2059	2191	2326	2459	2591	2717	2842
Yennora	1106	1257	1396	1531	1654	1778	1900	2023	2151	2289	2429	2568	2698	2826	2955	3080	3204	3320	3434
GRAND TOTAL	**239211**	**266957**	**292747**	**318122**	**341480**	**365221**	**388965**	**413141**	**438564**	**466345**	**494917**	**523499**	**550682**	**577713**	**605328**	**632514**	**659716**	**685594**	**711334**

Table A4.4	Total rooftop PV capacity by ZSS – NIEIR June 2021																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	2.4	2.7	2.9	3.2	3.4	3.7	3.9	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4
Albion Park	3.8	4.2	4.6	5.0	5.3	5.6	5.9	6.2	6.6	6.9	7.3	7.6	7.9	8.3	8.6	8.9	9.3	9.6	9.9
Ambarvale	1.9	2.2	2.5	2.7	3.0	3.2	3.5	3.7	4.0	4.2	4.5	4.8	5.1	5.3	5.6	5.9	6.2	6.4	6.7
Anzac Village	1.8	2.0	2.2	2.5	2.7	2.9	3.1	3.3	3.5	3.7	4.0	4.2	4.4	4.7	4.9	5.2	5.4	5.7	5.9
Appin	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.5	2.6	2.7
Arndell Park	0.9	1.1	1.3	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.5	3.7
Baulkham Hills 11kv	1.9	2.2	2.4	2.7	2.9	3.2	3.4	3.7	3.9	4.2	4.5	4.8	5.1	5.4	5.6	5.9	6.2	6.5	6.8
Bella Vista	3.3	3.8	4.2	4.6	5.1	5.5	5.9	6.3	6.7	7.2	7.7	8.2	8.6	9.1	9.6	10.1	10.5	11.0	11.5
Berry	1.3	1.5	1.7	1.8	2.0	2.1	2.3	2.5	2.6	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.2	4.3
Blackheath	0.7	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9
Blackmans Flat	0.4	0.5	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.1	2.3	2.4	2.5	2.6
Blaxland	1.8	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7
Bolong	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0
Bomaderry	2.4	2.8	3.0	3.3	3.6	3.8	4.1	4.3	4.6	4.8	5.1	5.4	5.7	6.0	6.2	6.5	6.7	7.0	7.2
Bonnyrigg	2.3	2.6	2.9	3.2	3.5	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.9	6.2	6.5	6.8	7.1	7.4	7.7
Bossley Park	2.0	2.1	2.3	2.5	2.6	2.8	2.9	3.0	3.2	3.3	3.5	3.7	3.8	3.9	4.1	4.2	4.4	4.5	4.7
Bow Bowing	1.0	1.2	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.8	2.9	3.1	3.2
Bowral	1.6	2.0	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2
Bringelly	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.8	3.0	3.3	3.6	3.8	4.1	4.4	4.6	4.9
Bulli	1.3	1.6	2.0	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.8	5.1	5.4	5.8	6.1	6.5	6.8	7.1
Bylong	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Cabramatta	0.8	0.9	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.6	3.7
Cambridge Park	2.7	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.2	6.5	6.8	7.1	7.5	7.8	8.1	8.4
Campbelltown	1.6	2.0	2.3	2.7	3.0	3.3	3.6	3.9	4.3	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.3
Canley Vale	1.9	2.2	2.4	2.7	3.0	3.2	3.4	3.7	3.9	4.2	4.5	4.8	5.0	5.3	5.6	5.8	6.1	6.3	6.6
Carramar	0.7	0.8	1.0	1.1	1.3	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.7	2.8	2.9	3.1	3.2
Castle Hill	1.1	1.6	2.2	2.6	3.1	3.6	4.0	4.5	4.9	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.4	9.9
Casula	2.4	2.8	3.2	3.5	3.9	4.2	4.6	4.9	5.3	5.6	6.1	6.5	6.8	7.2	7.6	8.0	8.4	8.7	9.1
Cattai	0.9	1.2	1.4	1.6	1.8	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5
Cawdor	1.5	1.9	2.3	2.6	2.9	3.3	3.6	4.0	4.4	4.8	5.2	5.7	6.2	6.6	7.1	7.6	8.1	8.6	9.1
Cheriton Avenue	1.7	2.1	2.4	2.8	3.1	3.5	3.8	4.2	4.6	5.0	5.4	5.8	6.2	6.7	7.1	7.5	8.0	8.4	8.8

Table A4.4	Total rooftop PV capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	1.2	1.3	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.7	2.9	3.0	3.2	3.3	3.5	3.7	3.8
Claremont Meadows	1.8	2.3	2.7	3.2	3.6	4.0	4.4	4.8	5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.3	9.8	10.3
Corrimal	1.5	1.7	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.5	3.7	3.9	4.1	4.3	4.6	4.8	5.0	5.2	5.4
Cranebrook	1.5	1.9	2.1	2.4	2.7	2.9	3.2	3.4	3.7	4.0	4.2	4.5	4.8	5.1	5.4	5.7	5.9	6.2	6.5
Culburra	1.1	1.4	1.6	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7
Dapto	3.9	4.4	4.8	5.2	5.5	5.9	6.2	6.6	7.0	7.4	7.8	8.2	8.6	8.9	9.3	9.7	10.1	10.4	10.8
Darkes Forest	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
Doonside	4.0	4.6	5.2	5.8	6.3	6.8	7.4	7.9	8.5	9.1	9.7	10.4	11.0	11.6	12.2	12.8	13.4	14.0	14.6
Dundas	1.7	2.2	2.5	2.9	3.3	3.6	3.9	4.3	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.2	8.5
East Richmond	1.0	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1
Eastern Creek	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Edmondson Park	0.9	1.1	1.3	1.5	1.6	1.8	2.0	2.1	2.3	2.5	2.7	2.8	3.0	3.2	3.4	3.5	3.7	3.9	4.1
Emu Plains	1.6	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.7	2.8	2.9	3.1	3.2	3.3	3.5	3.6	3.7	3.8	4.0
Fairfield	0.9	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4
Figtree	2.3	2.6	2.9	3.2	3.5	3.7	4.0	4.2	4.5	4.8	5.1	5.4	5.6	5.9	6.2	6.4	6.7	6.9	7.2
Gerringong	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8
Glenmore Park	3.2	3.5	3.8	4.1	4.4	4.6	4.9	5.2	5.4	5.7	6.0	6.4	6.7	7.0	7.3	7.6	7.9	8.1	8.4
Glenorie	0.5	0.6	0.7	0.8	0.9	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
Glossodia	1.1	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9
Granville	0.9	1.1	1.2	1.4	1.6	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3
Greystanes	1.0	1.1	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.7	2.8	2.9	3.0	3.2
Hartley Vale	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Hazelbrook	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.7	1.8	1.9	2.0	2.1	2.2	2.2	2.3	2.4	2.5	2.5	2.6
Helensburgh	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.9	1.9
Hinchinbrook	3.8	4.3	4.7	5.1	5.5	5.8	6.2	6.6	7.0	7.4	7.9	8.3	8.8	9.2	9.7	10.1	10.6	11.0	11.4
Holroyd	2.3	2.9	3.3	3.8	4.2	4.7	5.1	5.5	6.0	6.5	7.0	7.6	8.1	8.6	9.1	9.6	10.1	10.6	11.1
Homepride	0.7	0.9	1.1	1.3	1.5	1.6	1.8	2.0	2.2	2.4	2.6	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3
Horsley Park	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9
Huntingwood	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2
Huskisson	2.5	2.9	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.8	6.1	6.5	6.8	7.1	7.4	7.7	8.0	8.3
Ilford Hall	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
Inner Harbour	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table A4.4	Total rooftop PV capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6
Jasper Rd	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.3	4.5	4.7	4.9	5.1	5.4	5.6
Jordan Springs	1.7	1.9	2.0	2.2	2.4	2.5	2.7	2.9	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.9
Kandos	0.5	0.8	1.1	1.3	1.6	1.8	2.0	2.2	2.4	2.7	2.9	3.2	3.4	3.6	3.9	4.1	4.3	4.5	4.7
Kangaroo Valley	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
Katoomba	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.8	3.0	3.1	3.2	3.3	3.4
Kellyville	1.4	1.6	1.8	2.0	2.2	2.4	2.5	2.7	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.1
Kembla Grange	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
Kemps Creek	0.6	0.7	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
Kenny Street	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Kenthurst	1.9	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.1	6.6	7.0	7.5	7.9	8.4	8.9	9.3	9.7
Kentlyn	3.1	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.7	8.1	8.5	8.9	9.3	9.7	10.1	10.5
Kiama	1.9	2.2	2.4	2.6	2.9	3.1	3.3	3.5	3.7	4.0	4.2	4.5	4.7	5.0	5.2	5.4	5.7	5.9	6.1
Kingswood	2.4	3.0	3.5	4.0	4.5	5.0	5.5	5.9	6.4	7.0	7.6	8.1	8.6	9.2	9.7	10.2	10.8	11.3	11.8
Kurrajong	1.3	1.6	1.8	2.1	2.3	2.5	2.7	2.9	3.2	3.4	3.7	3.9	4.1	4.4	4.6	4.8	5.1	5.3	5.5
Leabons Lane	1.1	1.4	1.6	1.9	2.1	2.3	2.5	2.8	3.0	3.3	3.5	3.8	4.0	4.3	4.5	4.8	5.1	5.3	5.5
Lennox	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.4	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.6
Lithgow	1.9	2.2	2.5	2.7	3.0	3.2	3.4	3.7	3.9	4.2	4.5	4.7	5.0	5.2	5.5	5.7	6.0	6.2	6.4
Liverpool 11kv	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.3
Luddenham	0.5	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.7	3.0	3.2	3.5	3.7	4.0	4.3	4.5	4.8
Macquarie Fields	3.0	3.6	4.1	4.6	5.0	5.4	5.8	6.3	6.7	7.2	7.7	8.2	8.6	9.1	9.5	10.0	10.4	10.9	11.3
Maldon	2.1	2.7	3.3	3.8	4.3	4.7	5.2	5.7	6.2	6.7	7.3	7.8	8.4	8.9	9.4	10.0	10.5	11.0	11.5
Mamre	2.7	3.1	3.4	3.7	4.0	4.2	4.5	4.8	5.1	5.4	5.8	6.1	6.4	6.8	7.1	7.4	7.7	8.1	8.4
Marayong	1.2	1.6	1.9	2.2	2.5	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6
Marsden Park	2.0	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.0	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.1	4.2	4.3
Meadow Flat	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6
Minto	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.2	7.6	8.0	8.5	8.9	9.3	9.7	10.1	10.5	10.9	11.3	11.7
Mittagong	1.8	2.1	2.4	2.6	2.9	3.1	3.3	3.5	3.8	4.0	4.3	4.6	4.8	5.1	5.4	5.6	5.9	6.1	6.4
Moorebank	0.9	1.1	1.3	1.5	1.6	1.8	2.0	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3
Moss Vale	1.8	2.1	2.4	2.7	3.0	3.2	3.5	3.7	4.0	4.2	4.5	4.8	5.1	5.4	5.6	5.9	6.2	6.4	6.7
Mount Ousley	1.0	1.3	1.5	1.6	1.8	2.0	2.1	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8	3.9	4.1	4.2
Mungerie Park	7.8	8.7	9.5	10.2	11.0	11.7	12.4	13.2	13.9	14.8	15.6	16.5	17.3	18.2	19.0	19.9	20.7	21.6	22.4

Table A4.4	Total rooftop PV capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	5.2	5.7	6.3	6.8	7.3	7.8	8.3	8.9	9.5	10.2	10.9	11.7	12.4	13.2	14.0	14.8	15.7	16.5	17.4
Nepean 11kv	4.0	4.6	5.3	5.9	6.5	7.1	7.8	8.4	9.1	9.9	10.8	11.7	12.6	13.5	14.5	15.5	16.5	17.6	18.6
Newton	1.5	1.6	1.8	1.9	2.0	2.1	2.3	2.4	2.5	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.9	4.0
North Eastern Creek	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
North Leppington	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.4	1.6	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7
North Parramatta	0.9	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.1
North Richmond	1.1	1.3	1.6	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.7
North Rocks	0.9	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.2	3.3	3.5	3.6
North Warragamba	1.1	1.4	1.7	2.0	2.3	2.6	2.8	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5
North Wollongong	0.5	0.7	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.7
Northmead	1.0	1.2	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3
Nowra	1.8	2.2	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.8	5.1	5.5	5.8	6.1	6.5	6.8	7.1	7.4	7.7
Oakdale	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.0	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
Oran Park	3.1	4.0	4.8	5.6	6.4	7.1	8.0	8.8	9.8	10.8	11.9	13.1	14.3	15.5	16.7	18.0	19.3	20.7	22.0
Parklea	7.6	8.3	9.0	9.6	10.2	10.8	11.4	11.9	12.6	13.2	13.9	14.6	15.3	16.0	16.7	17.4	18.1	18.8	19.5
Penrith 11kv	0.7	1.0	1.2	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5
Plumpton	2.7	3.1	3.5	3.9	4.2	4.5	4.9	5.2	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.3	8.7	9.1	9.5
Port Central	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
Port Kembla	1.1	1.4	1.7	1.9	2.2	2.4	2.6	2.9	3.1	3.4	3.6	3.9	4.2	4.4	4.7	4.9	5.1	5.4	5.6
Portland	0.5	0.6	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6
Prestons	3.2	3.6	3.9	4.2	4.5	4.9	5.2	5.5	5.9	6.2	6.7	7.1	7.5	7.9	8.3	8.7	9.1	9.5	9.9
Prospect	1.3	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
Quakers Hill	3.5	4.0	4.5	4.9	5.4	5.8	6.2	6.7	7.1	7.6	8.1	8.7	9.2	9.6	10.2	10.7	11.2	11.6	12.1
Quarries	0.7	0.8	0.9	0.9	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
Ringwood	0.8	0.9	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
Riverstone	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.8	4.0	4.2	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1
Robertson	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.7	2.8
Rooty Hill	3.2	3.7	4.1	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.4	7.9	8.3	8.8	9.2	9.7	10.1	10.6	11.0
Rosehill	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2
Russell Vale	1.3	1.6	1.8	2.1	2.3	2.5	2.7	3.0	3.2	3.4	3.7	3.9	4.1	4.4	4.6	4.8	5.0	5.2	5.4

Table A4.4	Total rooftop PV capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	1.5	1.8	2.1	2.4	2.6	2.9	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7
Schofields	4.0	4.7	5.2	5.8	6.3	6.8	7.4	7.9	8.4	9.0	9.7	10.3	10.9	11.5	12.1	12.7	13.3	13.9	14.4
Seven Hills	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.7
Shellharbour	3.1	3.6	4.2	4.6	5.1	5.6	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
Sherwood	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.0	4.2	4.4	4.6
Smithfield	2.4	2.7	2.9	3.1	3.4	3.6	3.8	4.0	4.2	4.5	4.7	5.0	5.2	5.4	5.7	5.9	6.1	6.3	6.5
South Granville	0.8	1.0	1.2	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.8	4.0
South Leppington	2.2	2.6	3.0	3.4	3.7	4.1	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.4	8.8	9.2
South Marsden Park	0.6	0.9	1.1	1.4	1.6	1.8	2.0	2.2	2.5	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4
South Nowra	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.8
South Windsor	2.3	2.7	3.1	3.5	3.8	4.2	4.5	4.8	5.2	5.5	5.9	6.3	6.7	7.0	7.4	7.8	8.1	8.5	8.8
South Wollongong	0.4	0.5	0.6	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7
Springwood	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.3	4.4	4.5
St Marys	1.9	2.3	2.7	3.0	3.4	3.7	4.1	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.1	7.5	7.9	8.3	8.6
Sussex Inlet	0.7	0.9	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.5
Tahmoor	2.0	2.6	3.1	3.7	4.1	4.6	5.1	5.6	6.1	6.7	7.2	7.8	8.3	8.9	9.4	10.0	10.5	11.1	11.6
The Oaks	0.7	0.8	1.0	1.1	1.2	1.4	1.5	1.7	1.8	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.3	3.5	3.7
Tomerong	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.8	2.9
Ulladulla	2.8	3.2	3.6	3.9	4.2	4.5	4.8	5.1	5.5	5.8	6.2	6.5	6.8	7.2	7.5	7.8	8.1	8.4	8.8
Unanderra	0.6	0.7	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.0
Warilla	2.1	2.5	2.9	3.3	3.6	3.9	4.2	4.6	4.9	5.3	5.6	6.0	6.4	6.7	7.1	7.4	7.8	8.1	8.4
Wentworth Falls	0.8	0.9	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.1	2.2	2.3	2.3
Werrington	1.8	2.2	2.5	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4
West Castle Hill	1.6	1.9	2.2	2.4	2.7	2.9	3.1	3.4	3.6	3.9	4.2	4.5	4.8	5.0	5.3	5.6	5.9	6.2	6.4
West Liverpool 11kv	1.8	2.2	2.6	2.9	3.2	3.5	3.8	4.1	4.5	4.8	5.2	5.6	5.9	6.3	6.7	7.0	7.4	7.7	8.1
West Parramatta	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7
West Pennant Hills	1.8	2.1	2.3	2.5	2.7	2.9	3.2	3.4	3.6	3.9	4.1	4.4	4.6	4.9	5.2	5.4	5.7	5.9	6.2
West Wetherill Park 11kv	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5

Table A4.4	Total rooftop PV capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	0.8	1.0	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.1	3.2	3.3	3.5
Westmead	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
Wetherill Park	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
Whalan	1.6	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	3.0	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3	4.5
Wilton	0.5	0.5	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5
Windsor	1.1	1.4	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.9	4.0
Wisemans	0.3	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.3
Wombarra	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.1	2.2
Woodpark	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.7
Yatte Yattah	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
Yennora	1.0	1.2	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.6	3.7	3.9	4.0
GRAND TOTAL	**247**	**289**	**326**	**362**	**396**	**429**	**463**	**497**	**532**	**571**	**611**	**651**	**690**	**728**	**767**	**806**	**845**	**883**	**920**

Table A4.5	Total battery capacity by ZSS – NIEIR June 2021																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	1	1	1	2	2	3	3	4	5	5	6	8	9	10	12	13	15	17	19
Albion Park	1	1	2	2	3	4	4	5	6	7	8	9	11	12	14	15	17	19	21
Ambarvale	1	1	1	2	2	3	3	4	5	5	7	8	9	10	12	13	15	17	18
Anzac Village	0	1	1	1	2	2	3	3	4	4	5	6	7	8	10	11	12	14	15
Appin	0	0	0	1	1	1	1	1	2	2	3	3	4	4	5	5	6	7	8
Arndell Park	0	0	1	1	1	2	2	2	3	3	4	4	5	6	7	8	8	9	10
Baulkham Hills 11kv	1	1	1	2	2	3	3	4	5	6	7	8	9	10	12	13	15	17	19
Bella Vista	1	1	2	2	3	4	5	6	7	9	10	12	14	16	19	22	24	27	30
Berry	0	0	1	1	1	1	2	2	3	3	4	4	5	6	7	7	8	9	10
Blackheath	0	0	0	1	1	1	1	1	1	1	2	2	2	2	3	3	3	4	4
Blackmans Flat	0	0	0	0	1	1	1	1	2	2	2	3	3	4	4	5	5	6	7
Blaxland	0	1	1	1	1	2	2	2	2	3	3	4	4	4	5	6	6	7	7
Bolong	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	3
Bomaderry	1	1	1	2	2	3	3	4	4	5	6	7	8	10	11	12	14	15	16
Bonnyrigg	1	1	1	2	2	3	4	4	5	6	7	9	10	11	13	15	16	18	20
Bossley Park	1	1	1	1	1	2	2	3	3	4	4	5	5	6	7	8	8	9	10
Bow Bowing	0	0	1	1	1	1	2	2	2	3	3	4	4	5	5	6	7	7	8
Bowral	1	1	1	2	2	3	4	4	5	6	7	9	10	12	13	15	17	19	20
Bringelly	0	0	1	1	1	2	2	3	3	4	5	6	7	8	10	11	13	14	16
Bulli	0	1	1	1	2	3	3	4	5	6	8	9	11	13	15	17	19	21	23
Bylong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cabramatta	0	0	1	1	1	2	2	2	3	3	4	5	5	6	7	8	9	10	11
Cambridge Park	1	1	1	2	2	3	4	4	5	6	8	9	10	12	14	15	17	19	21
Campbelltown	1	1	1	2	3	3	4	5	6	8	9	11	13	15	17	19	22	25	28
Canley Vale	1	1	1	2	2	3	4	4	5	6	7	8	9	10	12	13	15	16	18
Carramar	0	0	1	1	1	2	2	2	3	3	4	4	5	5	6	7	8	9	9
Castle Hill	0	1	1	2	2	3	4	5	7	8	10	12	14	17	19	22	25	27	30
Casula	1	1	1	2	3	3	4	5	6	7	9	10	12	14	15	17	20	22	24
Cattai	0	0	1	1	1	2	2	2	3	4	4	5	6	7	8	9	10	11	12
Cawdor	0	1	1	2	2	3	4	5	6	7	9	11	13	15	17	20	23	26	30
Cheriton Avenue	0	1	1	2	2	3	4	5	6	7	9	11	12	14	17	19	22	24	27

Table A4.5	Total battery capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	0	0	1	1	1	2	2	2	3	3	4	4	5	6	7	7	8	9	10
Claremont Meadows	1	1	1	2	3	3	4	5	7	8	10	12	14	16	19	22	25	28	31
Corrimal	1	1	1	2	2	3	3	4	4	5	6	7	8	9	11	12	13	15	16
Cranebrook	0	1	1	1	2	2	3	3	4	5	6	7	9	10	11	13	14	16	18
Culburra	0	1	1	1	1	2	2	3	3	4	4	5	6	7	8	9	10	11	12
Dapto	1	1	2	2	3	4	5	6	7	8	10	11	13	15	17	19	21	23	25
Darkes Forest	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2
Doonside	1	2	2	3	4	5	7	8	10	12	14	16	19	22	25	28	32	36	40
Dundas	1	1	2	2	3	4	5	6	7	8	9	11	13	14	16	19	21	23	26
East Richmond	0	0	1	1	1	1	2	2	2	3	3	4	4	5	5	6	7	7	8
Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Edmondson Park	0	0	1	1	1	1	2	2	2	3	4	4	5	6	7	8	9	10	11
Emu Plains	0	1	1	1	1	2	2	2	3	3	4	4	5	5	6	7	7	8	9
Fairfield	0	1	1	1	1	1	2	2	2	2	3	3	3	4	4	5	5	6	6
Figtree	1	1	1	2	2	3	3	4	5	6	7	8	9	11	12	13	15	16	18
Gerringong	0	0	0	0	1	1	1	1	1	1	2	2	2	2	3	3	3	3	4
Glenmore Park	1	1	1	2	2	3	4	4	5	6	7	8	10	11	13	14	16	18	20
Glenorie	0	0	0	0	1	1	1	1	1	2	2	2	3	3	4	4	5	5	6
Glossodia	0	0	1	1	1	2	2	3	3	4	5	5	6	7	8	9	11	12	13
Granville	0	1	1	1	2	2	3	3	4	4	5	6	7	8	9	10	11	12	14
Greystanes	0	0	1	1	1	1	2	2	2	3	3	4	4	5	5	6	7	8	8
Hartley Vale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hazelbrook	0	0	1	1	1	1	1	1	2	2	2	2	3	3	3	4	4	4	5
Helensburgh	0	0	0	1	1	1	1	1	1	2	2	2	3	3	4	4	4	5	5
Hinchinbrook	1	1	2	2	3	4	5	6	7	9	10	12	14	16	18	21	23	26	29
Holroyd	1	1	2	3	3	5	6	7	8	10	12	14	16	18	21	24	27	30	33
Homepride	0	1	1	1	2	2	3	3	4	5	6	7	8	9	10	11	12	14	15
Horsley Park	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2
Huntingwood	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	3	3	3
Huskisson	1	1	1	2	2	3	4	4	5	6	7	9	10	11	13	15	16	18	20
Ilford Hall	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A4.5	Total battery capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Jamberoo	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	3	3	4	4
Jasper Rd	1	1	1	2	2	3	3	4	4	5	6	7	8	9	10	11	12	14	15
Jordan Springs	0	1	1	1	1	2	2	3	3	4	4	5	6	7	8	9	10	11	12
Kandos	0	0	0	1	1	1	2	2	3	3	4	5	6	7	8	9	10	11	12
Kangaroo Valley	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	3
Katoomba	0	1	1	1	1	2	2	2	2	3	3	3	4	4	5	5	6	7	7
Kellyville	0	1	1	1	1	2	2	3	3	4	5	5	6	7	8	10	11	12	13
Kembla Grange	0	0	0	1	1	1	1	1	2	2	2	3	3	4	4	5	5	6	7
Kemps Creek	0	0	0	0	1	1	1	1	2	2	2	3	3	4	4	5	5	6	6
Kenny Street	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Kenthurst	1	1	1	2	2	3	4	5	6	8	9	11	13	15	17	20	23	25	28
Kentlyn	1	1	2	2	3	4	5	6	7	9	10	12	14	16	18	21	23	26	28
Kiama	1	1	1	1	2	2	3	3	4	5	5	6	7	8	10	11	12	13	15
Kingswood	1	1	2	2	3	5	6	7	9	11	13	15	17	20	23	26	29	32	35
Kurrajong	0	1	1	1	1	2	2	3	3	4	5	6	7	8	9	10	12	13	14
Leabons Lane	0	1	1	1	2	2	3	3	4	5	6	7	8	9	10	12	13	15	16
Lennox	0	1	1	1	2	2	2	3	3	4	4	5	6	6	7	8	9	9	10
Lithgow	0	1	1	1	2	2	3	3	4	5	5	6	7	8	9	10	12	13	14
Liverpool 11kv	1	1	1	1	2	3	3	4	4	5	5	6	7	8	8	9	10	11	12
Luddenham	0	0	0	1	1	1	2	2	3	4	5	6	7	8	9	11	12	14	16
Macquarie Fields	1	1	2	2	3	4	5	6	8	9	11	13	15	17	19	22	24	27	29
Maldon	1	1	1	2	3	4	5	6	7	9	11	13	15	18	20	23	26	29	33
Mamre	1	1	1	2	2	3	4	4	5	6	7	9	10	12	13	15	17	19	21
Marayong	0	1	1	1	2	3	3	4	5	6	7	8	9	11	13	14	16	18	20
Marsden Park	0	1	1	1	1	1	2	2	2	3	3	4	4	5	5	6	7	8	8
Meadow Flat	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Minto	1	2	2	3	4	5	5	6	8	9	10	12	14	16	18	20	22	24	27
Mittagong	1	1	1	1	2	3	3	4	4	5	6	7	9	10	11	13	14	16	17
Moorebank	0	0	1	1	1	2	2	3	3	4	4	5	6	7	8	9	10	12	13
Moss Vale	1	1	1	1	2	3	3	4	5	6	7	8	9	10	12	13	15	16	18
Mount Ousley	0	1	1	1	2	2	2	3	3	4	5	6	7	8	9	10	11	12	13
Mungerie Park	2	2	3	4	6	7	9	11	13	16	19	23	26	30	35	39	44	49	54

Table A4.5	Total battery capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	1	2	2	3	5	6	7	9	11	13	16	19	23	27	31	36	41	46	52
Nepean 11kv	1	1	2	3	4	5	7	9	11	13	17	20	24	28	33	39	45	51	58
Newton	0	1	1	1	1	2	2	3	3	3	4	5	5	6	7	8	8	9	10
North Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Leppington	0	0	0	0	1	1	1	1	2	2	3	3	4	5	5	6	7	8	9
North Parramatta	0	1	1	2	2	3	3	4	4	5	5	6	7	8	9	10	12	13	14
North Richmond	0	0	1	1	1	2	2	3	3	4	5	5	6	7	8	9	10	11	13
North Rocks	0	0	1	1	1	1	2	2	3	3	4	4	5	6	7	7	8	9	10
North Warragamba	0	1	1	1	1	2	3	3	4	5	6	7	9	10	12	14	15	17	19
North Wollongong	0	0	1	1	1	2	2	2	3	3	4	4	5	5	6	6	7	8	8
Northmead	0	1	1	1	1	2	2	3	3	4	5	5	6	7	8	9	10	12	13
Nowra	1	1	1	2	2	3	4	4	5	6	7	9	10	11	13	15	16	18	20
Oakdale	0	0	0	0	0	1	1	1	1	2	2	2	3	3	4	4	5	5	6
Oran Park	1	2	2	3	5	6	8	11	13	17	21	26	31	37	44	51	60	69	78
Parklea	2	2	3	4	5	7	8	10	11	14	16	19	22	25	29	32	37	41	45
Penrith 11kv	0	1	1	1	2	2	3	3	4	5	6	7	8	9	10	11	12	13	15
Plumpton	1	1	2	2	3	4	5	5	6	8	9	11	13	14	16	19	21	23	26
Port Central	0	0	0	1	1	1	1	2	2	2	3	3	3	4	4	5	5	6	7
Port Kembla	0	1	1	1	2	2	3	3	4	5	6	7	8	9	11	12	13	15	16
Portland	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	3	3	3
Prestons	1	1	1	2	2	3	4	5	6	7	8	10	12	14	16	18	20	23	26
Prospect	0	1	1	1	1	2	2	2	2	3	3	4	4	5	5	6	7	7	8
Quakers Hill	1	1	2	3	3	4	5	6	8	9	11	13	15	18	20	23	26	29	32
Quarries	0	0	0	1	1	1	1	1	2	2	2	3	3	3	4	5	5	6	6
Ringwood	0	0	0	1	1	1	1	2	2	2	3	3	3	4	5	5	6	6	7
Riverstone	1	1	1	1	2	2	3	3	4	4	5	6	7	8	9	10	11	13	14
Robertson	0	0	0	1	1	1	1	2	2	2	3	3	4	4	5	6	7	7	8
Rooty Hill	1	1	2	2	3	4	5	6	7	8	10	12	14	16	18	21	23	26	29
Rosehill	0	0	0	0	1	1	1	1	1	1	2	2	2	2	3	3	3	4	4
Russell Vale	0	1	1	1	2	2	3	4	4	5	6	7	8	10	11	12	14	15	17

Table A4.5	Total battery capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	1	1	1	2	2	3	4	4	5	6	7	9	10	11	13	15	16	18	20
Schofields	1	1	2	3	3	5	6	7	9	11	13	15	18	20	23	27	30	34	38
Seven Hills	0	0	1	1	1	1	2	2	2	2	3	3	4	4	5	5	6	6	7
Shellharbour	1	1	2	2	3	4	5	6	8	9	11	13	15	17	20	22	25	28	30
Sherwood	0	1	1	1	2	2	3	3	4	4	5	6	7	8	9	10	11	12	13
Smithfield	1	1	1	2	2	3	3	4	5	5	6	7	8	9	10	12	13	14	16
South Granville	0	1	1	1	1	2	2	3	3	4	4	5	6	7	8	9	10	11	12
South Leppington	1	1	1	2	2	3	4	5	6	7	9	10	12	14	16	19	21	24	27
South Marsden Park	0	0	0	1	1	1	2	3	3	4	5	6	7	9	10	12	14	15	17
South Nowra	0	0	0	0	1	1	1	1	1	1	2	2	2	2	3	3	3	4	4
South Windsor	1	1	1	2	2	3	4	5	6	7	8	10	11	13	15	17	19	21	23
South Wollongong	0	0	0	1	1	1	1	1	2	2	2	3	3	3	4	4	4	5	5
Springwood	1	1	1	1	2	2	2	3	3	3	4	4	5	6	6	7	8	9	10
St Marys	1	1	1	2	3	3	4	5	6	7	9	10	12	14	16	18	20	23	25
Sussex Inlet	0	0	0	1	1	1	2	2	2	3	3	4	4	5	6	7	8	8	9
Tahmoor	1	1	1	2	3	4	5	6	7	9	11	13	16	18	21	24	27	30	33
The Oaks	0	0	0	1	1	1	1	2	2	3	3	4	5	6	7	8	9	10	12
Tomerong	0	0	1	1	1	1	1	2	2	2	2	3	3	3	4	4	5	5	6
Ulladulla	1	1	2	2	3	4	4	5	6	7	9	10	12	13	15	17	19	20	22
Unanderra	0	0	0	1	1	1	1	1	2	2	2	2	3	3	4	4	4	5	5
Warilla	1	1	1	2	2	3	4	5	6	7	8	9	11	12	14	16	18	20	22
Wentworth Falls	0	0	0	1	1	1	1	1	1	2	2	2	3	3	3	4	4	4	5
Werrington	1	1	1	2	3	3	4	5	6	7	8	9	11	12	14	15	17	19	21
West Castle Hill	0	1	1	1	2	2	3	4	4	5	6	7	9	10	11	13	15	16	18
West Liverpool 11kv	1	1	1	2	2	3	4	5	6	7	8	10	12	13	15	17	19	21	24
West Parramatta	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3
West Pennant Hills	0	1	1	1	2	2	3	3	4	5	6	7	8	9	10	12	13	15	16
West Wetherill Park 11kv	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1

Table A4.5	Total battery capacity by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	0	0	1	1	1	2	2	2	3	3	4	4	5	6	6	7	8	9	10
Westmead	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2
Wetherill Park	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2
Whalan	1	1	1	1	2	2	3	3	3	4	5	5	6	7	8	9	10	11	12
Wilton	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	3	3	3	4
Windsor	0	0	1	1	1	2	2	2	3	3	4	4	5	6	7	7	8	9	10
Wisemans	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	3	3	3	4
Wombarra	0	0	0	1	1	1	1	1	2	2	2	3	3	4	4	5	5	6	6
Woodpark	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2
Yatte Yattah	0	0	0	0	1	1	1	1	1	2	2	2	3	3	4	4	5	5	6
Yennora	0	1	1	1	1	2	2	3	3	4	4	5	6	6	7	8	9	10	11
GRAND TOTAL	**72**	**105**	**145**	**198**	**268**	**350**	**431**	**519**	**621**	**745**	**889**	**1047**	**1215**	**1398**	**1598**	**1810**	**2039**	**2272**	**2516**

Table A4.6	Total battery customers by ZSS– NIEIR June 2021																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	64	85	108	136	169	210	245	288	340	403	476	557	642	736	840	951	1071	1193	1324
Albion Park	89	114	142	176	214	260	300	347	402	469	546	629	715	808	908	1012	1123	1233	1347
Ambarvale	58	79	103	131	165	206	243	287	340	404	477	557	642	733	832	936	1048	1160	1277
Anzac Village	47	63	81	104	130	162	192	227	269	320	379	444	513	587	668	755	848	941	1040
Appin	17	24	32	43	55	70	86	104	126	153	183	216	251	288	328	370	414	459	505
Arndell Park	31	43	57	74	94	118	138	162	191	226	267	311	358	408	463	522	584	647	712
Baulkham Hills 11kv	57	78	102	131	166	207	243	285	336	399	471	550	633	724	823	928	1041	1156	1275
Bella Vista	80	106	136	174	220	277	333	400	481	579	692	816	945	1085	1239	1400	1573	1747	1929
Berry	30	41	52	67	84	105	126	150	178	213	252	295	340	387	439	493	550	607	667
Blackheath	20	27	34	42	51	62	69	77	87	99	113	128	144	161	179	198	218	238	259
Blackmans Flat	12	18	25	35	46	59	74	90	110	134	161	191	222	254	290	327	367	406	447
Blaxland	48	60	73	88	104	123	136	152	170	193	219	246	276	307	340	375	412	449	486
Bolong	6	9	12	16	20	25	31	37	45	54	64	76	87	100	114	128	143	158	174
Bomaderry	59	77	97	122	151	186	217	253	297	349	409	473	540	612	689	769	854	938	1025
Bonnyrigg	68	92	119	152	190	236	275	321	375	442	519	603	691	785	889	997	1113	1230	1350
Bossley Park	49	62	76	94	113	136	155	176	202	233	268	306	345	387	432	478	527	575	624
Bow Bowing	28	38	48	61	76	94	108	126	146	171	199	229	260	293	329	366	405	443	483
Bowral	51	73	98	129	164	207	248	296	353	423	501	587	675	770	872	979	1093	1206	1322
Bringelly	20	31	44	61	82	108	136	170	211	262	322	388	459	536	622	715	816	919	1030
Bulli	45	67	92	124	162	209	255	311	377	458	551	652	759	873	999	1132	1275	1419	1570
Bylong	1	1	2	2	3	4	5	6	7	8	10	11	13	15	17	19	21	23	26
Cabramatta	29	43	58	76	97	122	144	170	201	239	282	329	379	433	491	553	618	684	753
Cambridge Park	68	88	111	141	175	217	256	302	357	424	500	583	670	763	864	970	1083	1195	1312
Campbelltown	57	83	112	149	193	246	296	355	426	514	615	727	847	978	1122	1277	1445	1616	1798
Canley Vale	65	91	119	152	189	233	267	307	354	412	478	550	625	706	794	886	984	1082	1182
Carramar	30	44	60	78	98	122	141	163	189	221	257	296	336	380	427	475	527	578	630
Castle Hill	42	69	100	140	189	249	312	388	478	588	712	847	988	1138	1302	1473	1655	1837	2026
Casula	67	93	121	157	199	251	299	355	423	505	599	702	809	924	1049	1180	1320	1460	1606
Cattai	27	38	51	68	88	113	138	168	203	247	296	349	404	464	528	595	666	737	811
Cawdor	47	68	94	127	168	219	271	334	410	505	616	740	874	1021	1185	1363	1558	1759	1975
Cheriton Avenue	48	69	93	124	163	210	257	314	382	467	564	671	783	906	1042	1185	1340	1497	1663

Table A4.6	Total battery customers by ZSS– NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	33	44	56	71	90	111	130	152	179	212	249	291	336	384	438	494	556	618	684
Claremont Meadows	58	86	118	158	207	268	329	402	490	598	724	862	1007	1166	1341	1528	1730	1935	2153
Corrimal	54	74	97	124	156	193	224	260	304	356	415	479	545	616	692	770	853	935	1019
Cranebrook	43	59	78	103	131	167	202	243	292	352	421	495	573	656	747	842	943	1044	1150
Culburra	37	52	69	89	113	140	165	194	228	270	318	369	423	481	544	610	680	750	822
Dapto	101	131	164	204	251	307	357	416	485	570	666	770	878	994	1119	1250	1388	1526	1668
Darkes Forest	1	2	4	6	8	11	14	18	23	28	35	42	49	57	65	73	82	91	101
Doonside	114	156	203	262	331	415	493	585	696	831	986	1155	1334	1526	1737	1960	2198	2437	2688
Dundas	69	101	137	180	230	289	339	398	468	554	651	758	871	992	1125	1264	1413	1563	1719
East Richmond	30	39	50	63	78	95	108	123	141	163	188	215	243	273	305	338	372	406	441
Eastern Creek	2	2	3	4	4	5	6	7	8	9	11	12	14	15	17	19	21	23	25
Edmondson Park	25	34	46	60	78	99	122	148	180	219	263	311	361	415	474	535	601	667	736
Emu Plains	45	57	71	87	106	128	145	165	189	219	252	288	326	367	411	457	506	554	604
Fairfield	33	45	58	72	87	105	115	126	141	158	177	198	221	245	270	297	326	354	382
Figtree	63	83	106	134	167	206	240	281	329	387	452	523	596	674	758	845	936	1026	1119
Gerringong	20	26	32	39	47	56	62	70	80	91	104	118	133	148	166	183	202	221	241
Glenmore Park	78	99	122	152	187	228	266	311	364	430	504	586	671	763	863	968	1080	1193	1310
Glenorie	13	18	23	30	39	49	60	72	87	106	127	150	174	201	229	260	292	324	359
Glossodia	32	45	60	79	101	128	155	187	225	272	324	381	440	503	572	643	718	793	871
Granville	41	60	81	106	134	167	191	221	256	299	348	403	461	523	592	665	743	822	904
Greystanes	33	45	58	74	91	112	128	146	169	196	227	262	298	338	381	427	476	525	576
Hartley Vale	1	2	2	3	3	4	4	5	6	6	7	8	9	10	11	12	13	15	16
Hazelbrook	29	37	45	55	66	79	87	97	110	124	141	159	178	198	220	243	267	291	316
Helensburgh	19	25	33	42	52	64	74	87	101	119	139	161	183	207	233	260	289	317	346
Hinchinbrook	95	124	156	196	244	302	355	417	491	582	686	800	920	1050	1192	1342	1502	1664	1832
Holroyd	83	120	162	212	271	342	403	476	563	671	794	929	1071	1225	1394	1573	1765	1958	2160
Homepride	34	52	71	95	123	155	179	208	242	284	330	381	434	492	553	617	684	751	820
Horsley Park	11	13	15	17	21	24	27	30	34	38	44	49	55	62	68	75	83	90	98
Huntingwood	9	12	16	20	25	31	37	44	52	62	74	86	98	112	126	141	156	172	188
Huskisson	61	80	102	129	161	200	235	276	326	385	452	525	600	680	766	855	948	1041	1137
Ilford Hall	2	3	5	6	8	11	13	16	19	23	28	33	38	43	49	55	61	68	74
Inner Harbour	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1

Table A4.6	Total battery customers by ZSS– NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	10	14	18	23	30	38	46	56	68	82	98	116	134	154	175	197	221	245	271
Jasper Rd	58	78	101	128	159	196	224	257	297	345	401	463	528	599	676	758	846	935	1027
Jordan Springs	44	57	72	90	111	137	161	189	222	263	309	360	412	469	531	596	665	734	806
Kandos	18	29	42	59	79	103	129	160	197	241	292	346	402	461	525	592	663	733	806
Kangaroo Valley	7	10	13	17	22	27	33	39	47	56	66	77	89	102	115	129	145	160	175
Katoomba	39	51	65	80	98	117	129	143	160	181	204	230	257	286	317	349	383	417	452
Kellyville	38	51	66	85	107	135	161	193	231	278	331	391	453	521	595	674	759	845	935
Kembla Grange	19	26	33	43	55	69	82	99	118	142	169	198	229	263	299	338	379	421	464
Kemps Creek	16	21	28	36	46	59	70	84	100	120	143	168	194	222	252	284	319	353	388
Kenny Street	7	11	14	17	20	24	24	25	25	26	27	27	29	30	31	32	34	35	36
Kenthurst	49	70	95	127	167	216	270	333	410	504	612	729	853	986	1132	1286	1451	1617	1792
Kentlyn	88	117	150	192	241	300	354	417	492	584	688	800	918	1044	1180	1323	1473	1624	1779
Kiama	49	66	85	108	134	167	195	229	269	317	373	433	497	565	639	717	800	883	969
Kingswood	76	109	146	194	250	318	382	458	548	657	780	914	1054	1204	1366	1534	1713	1891	2075
Kurrajong	35	50	66	86	111	141	171	207	250	302	361	425	492	563	640	720	805	890	978
Leabons Lane	40	58	78	103	133	168	201	240	286	343	408	480	555	636	725	819	919	1020	1126
Lennox	32	48	66	86	109	134	148	165	185	208	234	261	291	323	356	390	426	461	495
Lithgow	48	66	85	109	136	168	196	229	268	315	369	426	486	550	619	691	766	841	918
Liverpool 11kv	54	70	88	109	132	157	169	183	199	218	239	261	284	309	334	359	384	408	430
Luddenham	17	27	40	56	76	102	132	167	210	264	327	397	471	553	643	741	847	957	1074
Macquarie Fields	81	111	144	185	234	293	349	415	492	587	693	808	928	1056	1193	1337	1488	1639	1794
Maldon	57	83	113	152	200	259	324	400	492	604	732	872	1018	1175	1347	1527	1720	1914	2117
Mamre	68	89	113	144	179	223	263	311	368	439	519	606	698	797	905	1019	1141	1263	1391
Marayong	42	61	84	111	144	184	222	267	321	387	462	544	630	723	823	929	1043	1156	1275
Marsden Park	46	55	66	79	94	113	129	149	172	201	233	269	306	347	391	437	486	536	587
Meadow Flat	4	5	7	8	11	13	16	19	22	26	31	36	42	47	53	60	66	73	80
Minto	113	146	182	226	278	338	389	450	521	608	706	812	924	1044	1173	1307	1450	1592	1738
Mittagong	53	71	92	118	148	184	217	256	303	360	425	496	570	651	739	831	929	1028	1130
Moorebank	27	39	53	70	90	115	138	166	200	240	287	337	390	448	510	576	646	716	790
Moss Vale	51	69	90	116	147	183	218	258	307	365	431	503	577	656	741	829	923	1016	1111
Mount Ousley	39	55	72	94	119	148	174	204	239	282	331	384	438	496	559	624	692	760	830
Mungerie Park	181	231	287	359	446	551	651	771	914	1088	1288	1507	1736	1984	2254	2538	2842	3148	3466

Table A4.6	Total battery customers by ZSS– NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	125	162	207	264	335	422	502	600	718	866	1039	1234	1445	1680	1944	2229	2543	2870	3220
Nepean 11kv	98	134	178	236	308	399	493	608	749	926	1135	1372	1628	1914	2237	2589	2978	3385	3824
Newton	40	53	68	85	105	128	146	167	193	224	259	298	339	384	432	483	537	592	648
North Eastern Creek	1	2	2	3	3	4	5	6	7	8	9	11	12	14	16	17	19	21	23
North Leppington	12	19	27	38	51	68	86	107	133	165	202	243	286	332	384	439	498	558	622
North Parramatta	47	70	94	123	156	193	218	247	281	323	372	425	482	544	612	684	760	838	918
North Richmond	30	42	56	73	94	119	145	175	211	254	304	357	413	472	536	602	673	743	816
North Rocks	30	43	56	73	92	115	135	159	188	223	264	309	356	408	464	525	589	655	724
North Warragamba	32	47	66	89	118	154	193	239	295	363	441	527	616	713	819	930	1050	1171	1298
North Wollongong	25	37	51	66	82	101	114	130	149	171	195	222	249	278	309	340	372	404	436
Northmead	35	50	68	89	113	142	166	195	230	273	322	376	433	495	563	635	712	790	872
Nowra	54	76	100	131	166	209	248	295	350	417	493	575	661	753	852	955	1064	1173	1286
Oakdale	8	12	18	25	33	44	55	69	86	107	130	156	182	211	243	276	311	347	385
Oran Park	96	144	201	277	373	495	629	793	994	1249	1550	1890	2259	2670	3136	3646	4210	4799	5438
Parklea	174	217	266	328	403	492	574	673	790	935	1101	1283	1476	1685	1915	2158	2419	2683	2960
Penrith 11kv	31	46	64	86	112	141	164	193	226	266	311	360	411	464	522	581	643	704	766
Plumpton	80	109	142	182	229	284	333	391	459	543	639	743	854	973	1103	1240	1386	1533	1686
Port Central	17	24	32	43	54	68	80	93	110	129	151	174	199	225	252	281	310	340	370
Port Kembla	39	57	77	102	132	167	200	238	284	340	403	471	542	618	700	785	876	966	1058
Portland	11	14	18	23	29	35	42	49	58	69	81	94	107	122	138	154	171	188	205
Prestons	76	99	124	157	197	245	292	348	416	499	596	702	816	940	1077	1223	1381	1543	1714
Prospect	40	54	68	84	103	125	139	155	175	199	227	258	291	327	366	407	452	497	543
Quakers Hill	95	127	165	211	266	333	395	469	557	665	789	924	1066	1220	1388	1565	1754	1945	2145
Quarries	20	27	35	45	56	69	81	95	111	131	154	178	205	233	264	296	331	366	402
Ringwood	23	31	39	50	63	78	91	107	126	150	176	205	234	266	300	336	374	412	451
Riverstone	51	62	75	92	111	135	156	181	211	246	287	330	376	424	476	529	585	641	698
Robertson	16	24	32	43	56	73	89	109	133	162	196	232	271	312	357	405	456	508	562
Rooty Hill	81	108	138	177	224	281	335	400	478	573	682	800	925	1060	1206	1361	1526	1692	1866
Rosehill	11	16	22	30	38	47	54	62	72	84	98	112	128	145	164	183	203	224	245
Russell Vale	48	67	89	116	147	184	217	257	303	359	422	490	561	637	718	802	891	979	1070

Table A4.6	Total battery customers by ZSS– NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	57	81	109	142	181	226	263	307	359	423	496	576	662	754	855	961	1075	1191	1310
Schofields	100	134	172	222	281	354	429	517	622	752	900	1062	1232	1416	1617	1829	2056	2285	2524
Seven Hills	32	41	52	64	77	93	103	116	130	147	167	189	212	237	263	291	320	350	380
Shellharbour	81	112	146	190	241	303	361	430	512	611	723	846	973	1110	1257	1412	1576	1739	1908
Sherwood	46	63	83	106	131	161	183	208	239	276	318	364	413	465	521	580	642	705	768
Smithfield	69	91	115	143	176	214	244	279	321	372	429	491	555	624	698	775	856	936	1018
South Granville	33	48	65	85	109	136	160	188	221	263	310	361	416	475	539	607	680	754	830
South Leppington	58	80	105	137	177	227	278	340	413	503	606	719	838	965	1105	1253	1411	1571	1739
South Marsden Park	19	30	43	60	82	109	141	179	225	282	348	422	500	586	682	784	895	1009	1131
South Nowra	15	20	25	32	39	48	55	63	74	86	100	115	130	147	165	183	202	221	241
South Windsor	62	85	112	144	183	230	275	328	391	468	555	650	748	854	969	1089	1217	1344	1476
South Wollongong	19	27	36	47	58	71	79	89	101	114	130	146	163	181	200	220	240	260	279
Springwood	56	70	86	105	126	150	168	189	214	244	279	316	356	398	443	490	540	590	640
St Marys	59	84	113	148	190	241	288	344	410	491	583	683	788	901	1023	1151	1287	1424	1565
Sussex Inlet	23	33	44	58	74	94	112	134	161	193	229	269	311	356	405	456	511	566	623
Tahmoor	58	86	119	161	212	275	341	421	516	631	764	909	1059	1222	1400	1587	1786	1987	2197
The Oaks	19	27	37	50	66	86	107	133	164	203	249	300	355	415	483	556	637	720	809
Tomerong	33	42	51	63	76	91	102	115	131	150	172	196	221	247	276	307	339	371	404
Ulladulla	81	107	137	173	215	264	306	355	413	484	564	651	742	838	942	1051	1165	1278	1395
Unanderra	18	25	32	40	50	62	72	84	97	114	133	153	174	196	220	245	271	297	324
Warilla	62	87	115	149	188	235	278	328	388	460	543	633	726	827	936	1051	1172	1293	1419
Wentworth Falls	21	28	35	44	54	65	74	85	97	113	131	150	170	192	215	240	266	293	320
Werrington	58	81	109	143	183	231	267	311	364	427	499	577	659	748	843	943	1049	1155	1264
West Castle Hill	48	66	87	113	144	181	216	258	308	369	439	516	598	686	783	885	996	1107	1224
West Liverpool 11kv	56	79	105	137	176	222	263	312	371	442	524	612	705	805	914	1027	1148	1269	1395
West Parramatta	13	19	26	34	42	51	55	59	64	70	77	84	92	100	109	118	127	136	145
West Pennant Hills	47	63	80	103	130	163	194	231	275	330	392	461	534	612	699	790	888	987	1091
West Wetherill Park 11kv	7	9	11	13	15	17	18	19	19	21	22	23	24	26	27	29	30	32	33

Table A4.6	Total battery customers by ZSS– NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	31	44	59	77	97	121	141	165	193	227	266	308	352	399	450	503	559	614	671
Westmead	11	16	22	28	35	43	45	48	52	56	61	66	72	78	85	92	100	107	114
Wetherill Park	10	13	16	19	23	27	29	32	35	39	44	48	53	58	64	70	75	81	87
Whalan	50	66	85	107	132	162	183	208	238	275	316	362	410	462	519	578	642	705	770
Wilton	12	15	20	25	31	39	46	55	65	78	93	109	125	143	162	183	205	227	249
Windsor	32	43	57	73	91	112	132	155	182	215	253	294	336	382	431	482	537	591	647
Wisemans	8	12	16	21	27	34	41	49	59	71	84	98	112	128	145	162	180	198	216
Wombarra	20	28	36	46	57	71	83	98	115	136	160	186	212	241	271	303	337	371	406
Woodpark	5	7	10	12	15	19	22	26	30	35	42	48	55	62	70	78	87	95	104
Yatte Yattah	14	20	27	36	46	58	70	85	102	123	147	173	201	230	263	297	334	371	410
Yennora	34	48	64	82	104	129	151	177	208	245	287	333	380	431	486	543	603	663	725
GRAND TOTAL	**7056**	**9648**	**12586**	**16227**	**20519**	**25684**	**30381**	**35969**	**42652**	**50820**	**60165**	**70385**	**81138**	**92759**	**105442**	**118816**	**133126**	**147541**	**162594**

Table A4.7	Total rooftop PV capacity by ZSS – AEMO Step Change																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	13706	15607	17332	18855	20300	21632	22912	24163	25470	26819	28183	29602	31062	32499	33851	35105	36291	37480	38655
Albion Park	20772	23461	25856	27915	29749	31384	32913	34346	35812	37272	38714	40202	41737	43210	44529	45697	46748	47800	48809
Ambarvale	11971	13977	15800	17433	18968	20389	21748	23069	24435	25834	27233	28666	30119	31531	32844	34042	35156	36256	37324
Anzac Village	10315	11888	13325	14607	15819	16945	18026	19083	20182	21315	22456	23634	24836	26012	27114	28128	29079	30024	30949
Appin	3900	4788	5611	6365	7037	7668	8271	8858	9461	10079	10695	11319	11943	12548	13109	13621	14094	14557	15003
Arndell Park	5674	6720	7685	8561	9386	10159	10903	11631	12386	13165	13946	14746	15554	16342	17081	17760	18396	19023	19633
Baulkham Hills 11kv	11121	12986	14701	16247	17708	19074	20390	21679	23021	24407	25802	27239	28699	30127	31470	32710	33875	35029	36158
Bella Vista	19404	22578	25485	28093	30554	32846	35046	37196	39428	41726	44035	46410	48823	51180	53384	55410	57307	59184	61016
Berry	7052	8256	9354	10334	11239	12074	12867	13633	14420	15219	16012	16821	17638	18427	19152	19806	20407	20999	21568
Blackheath	3642	4110	4526	4882	5214	5511	5788	6051	6319	6586	6848	7117	7393	7657	7893	8101	8287	8472	8649
Blackmans Flat	2188	2918	3602	4243	4839	5408	5956	6490	7039	7605	8167	8731	9290	9829	10334	10795	11224	11639	12038
Blaxland	10540	11553	12427	13135	13775	14318	14813	15273	15739	16189	16629	17091	17583	18049	18449	18791	19087	19392	19681
Bolong	1325	1621	1894	2144	2377	2596	2805	3008	3217	3430	3642	3856	4070	4277	4468	4642	4803	4960	5110
Bomaderry	13353	15317	17084	18631	20076	21391	22630	23820	25038	26265	27479	28721	29984	31198	32301	33288	34187	35075	35927
Bonnyrigg	13175	15344	17323	19080	20731	22260	23720	25138	26603	28102	29600	31135	32692	34206	35610	36891	38080	39256	40397
Bossley Park	11271	12580	13731	14698	15600	16393	17127	17819	18523	19217	19897	20597	21323	22013	22622	23153	23623	24094	24543
Bow Bowing	5948	6862	7687	8412	9090	9709	10294	10856	11432	12014	12590	13177	13774	14348	14871	15340	15768	16190	16596
Bowral	10227	12566	14729	16708	18508	20196	21810	23377	24986	26631	28265	29918	31571	33166	34645	35988	37228	38438	39603
Bringelly	4292	5597	6844	8038	9177	10293	11399	12512	13691	14947	16238	17571	18920	20269	21591	22856	24089	25314	26540
Bulli	9005	11458	13755	15896	17903	19763	21562	23328	25158	27055	28959	30895	32834	34727	36519	38180	39746	41283	42785
Bylong	127	169	208	244	278	310	341	371	402	433	464	495	526	556	583	608	631	653	675
Cabramatta	4672	5788	6828	7790	8691	9545	10370	11177	12012	12874	13738	14615	15493	16348	17152	17891	18583	19261	19919
Cambridge Park	16117	18507	20670	22577	24368	26013	27576	29089	30650	32239	33824	35452	37112	38721	40203	41548	42789	44020	45212
Campbelltown	10564	12926	15141	17203	19158	21033	22866	24688	26602	28614	30664	32778	34921	37046	39095	41031	42895	44747	46589
Canley Vale	10977	12893	14641	16206	17668	19021	20308	21552	22830	24131	25424	26740	28068	29351	30533	31603	32588	33557	34491
Carramar	4149	5171	6117	6984	7789	8546	9267	9966	10681	11410	12130	12855	13576	14269	14909	15488	16019	16535	17030
Castle Hill	7533	10749	13794	16684	19382	21981	24499	26972	29521	32165	34802	37455	40074	42617	45016	47227	49297	51301	53238
Casula	14002	16625	19035	21216	23261	25170	26998	28777	30613	32495	34374	36289	38220	40093	41836	43427	44904	46356	47763
Cattai	5806	7181	8456	9627	10720	11750	12737	13698	14686	15700	16708	17728	18745	19729	20645	21480	22254	23009	23737
Cawdor	9378	11665	13840	15901	17874	19799	21707	23630	25672	27852	30099	32435	34813	37198	39539	41786	43984	46178	48385
Cheriton Avenue	10281	12728	15030	17180	19218	21179	23095	24999	26995	29093	31224	33414	35625	37810	39910	41885	43777	45647	47496

Table A4.7	Total rooftop PV capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	6851	7828	8719	9510	10261	10959	11631	12291	12982	13697	14422	15177	15952	16716	17437	18108	18744	19380	20009
Claremont Meadows	11226	14142	16889	19465	21900	24241	26525	28790	31157	33638	36150	38723	41311	43862	46307	48601	50791	52951	55081
Corrimal	9897	11764	13467	14994	16414	17726	18969	20165	21387	22624	23844	25079	26317	27505	28591	29564	30452	31320	32149
Cranebrook	9508	11450	13244	14878	16410	17848	19228	20573	21961	23388	24812	26260	27716	29129	30446	31651	32772	33871	34935
Culburra	6514	7845	9070	10182	11220	12190	13115	14013	14935	15876	16811	17759	18708	19625	20472	21241	21951	22644	23311
Dapto	23201	26335	29138	31561	33825	35864	37778	39606	41475	43348	45197	47093	49032	50893	52571	54063	55412	56752	58036
Darkes Forest	273	444	606	762	907	1048	1184	1317	1455	1598	1740	1882	2021	2156	2284	2401	2511	2617	2719
Doonside	23657	27785	31579	35003	38227	41240	44133	46959	49889	52906	55931	59032	62174	65236	68099	70728	73186	75611	77974
Dundas	10771	13310	15677	17863	19915	21862	23740	25582	27488	29459	31433	33441	35452	37411	39255	40953	42544	44102	45617
East Richmond	6041	6933	7734	8436	9091	9686	10248	10787	11340	11896	12446	13009	13582	14132	14633	15081	15488	15892	16279
Eastern Creek	697	758	810	851	891	924	954	983	1013	1042	1070	1101	1134	1165	1193	1217	1239	1261	1283
Edmondson Park	5650	6840	7941	8948	9892	10780	11633	12465	13325	14209	15092	15990	16892	17768	18586	19335	20033	20716	21379
Emu Plains	9426	10531	11509	12336	13111	13799	14440	15049	15673	16294	16907	17541	18196	18826	19389	19886	20334	20783	21214
Fairfield	5372	6040	6632	7136	7607	8026	8418	8789	9169	9546	9918	10300	10694	11071	11408	11705	11972	12239	12494
Figtree	13742	15941	17926	19674	21301	22785	24183	25522	26888	28261	29615	30990	32381	33713	34919	35994	36967	37924	38838
Gerringong	4230	4673	5061	5384	5688	5954	6201	6435	6675	6913	7148	7394	7651	7899	8119	8313	8488	8665	8835
Glenmore Park	18676	20980	23037	24806	26471	27971	29386	30746	32149	33565	34977	36439	37948	39409	40741	41941	43041	44142	45209
Glenorie	3128	3708	4244	4731	5190	5623	6039	6448	6873	7313	7755	8208	8666	9115	9537	9926	10292	10653	11006
Glossodia	6924	8442	9841	11116	12302	13412	14471	15496	16547	17618	18679	19751	20822	21853	22805	23667	24459	25232	25973
Granville	5260	6479	7620	8680	9680	10634	11561	12476	13429	14422	15424	16449	17480	18492	19453	20348	21196	22030	22848
Greystanes	5939	6801	7583	8274	8926	9525	10098	10654	11232	11823	12415	13027	13653	14263	14831	15350	15835	16317	16788
Hartley Vale	216	245	270	292	312	331	348	364	380	397	413	429	446	462	477	489	501	512	523
Hazelbrook	5831	6437	6965	7401	7808	8160	8485	8789	9098	9401	9697	10006	10328	10636	10904	11136	11341	11548	11745
Helensburgh	3956	4606	5195	5716	6200	6643	7062	7463	7872	8285	8692	9105	9522	9922	10285	10609	10903	11192	11468
Hinchinbrook	21944	24967	27701	30103	32374	34459	36450	38386	40398	42459	44530	46674	48875	51024	53022	54853	56561	58265	59932
Holroyd	14330	17533	20521	23282	25883	28356	30751	33110	35561	38109	40674	43295	45932	48514	50959	53227	55367	57472	59532
Homepride	4226	5511	6722	7861	8932	9963	10965	11956	12985	14059	15139	16236	17332	18404	19423	20371	21266	22141	22996
Horsley Park	2791	3015	3205	3352	3491	3606	3710	3806	3903	3996	4088	4186	4294	4396	4483	4558	4622	4689	4754
Huntingwood	2203	2560	2885	3172	3449	3704	3946	4180	4420	4664	4906	5152	5401	5641	5862	6060	6243	6423	6596
Huskisson	14077	16387	18479	20333	22062	23648	25150	26595	28074	29571	31051	32559	34082	35548	36886	38087	39183	40262	41297
Ilford Hall	444	581	708	826	935	1039	1138	1234	1332	1432	1531	1630	1729	1823	1910	1989	2062	2132	2200
Inner Harbour	46	49	51	53	55	56	57	58	59	60	61	61	63	63	64	65	65	66	66

Table A4.7	Total rooftop PV capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	2182	2628	3040	3415	3761	4085	4395	4697	5008	5327	5645	5968	6293	6608	6900	7167	7415	7658	7893
Jasper Rd	10574	12056	13402	14591	15716	16753	17747	18717	19726	20763	21807	22889	23999	25084	26098	27030	27902	28772	29624
Jordan Springs	9846	11219	12455	13536	14552	15477	16353	17198	18069	18951	19830	20734	21659	22553	23373	24114	24794	25470	26124
Kandos	3240	4601	5882	7089	8208	9278	10307	11309	12334	13388	14431	15473	16497	17483	18403	19241	20016	20762	21477
Kangaroo Valley	1471	1775	2054	2308	2537	2752	2956	3154	3358	3565	3771	3980	4189	4391	4578	4747	4902	5055	5201
Katoomba	6630	7448	8173	8791	9369	9883	10364	10821	11288	11753	12212	12684	13171	13637	14054	14423	14755	15087	15404
Kellyville	8395	9774	11041	12182	13262	14271	15243	16196	17188	18214	19249	20314	21399	22460	23459	24382	25250	26110	26952
Kembla Grange	4123	4870	5555	6172	6750	7288	7803	8303	8820	9349	9878	10419	10966	11497	11992	12446	12869	13287	13693
Kemps Creek	3496	4148	4745	5283	5788	6262	6718	7163	7624	8100	8577	9065	9558	10040	10491	10905	11293	11676	12049
Kenny Street	705	750	786	812	836	853	869	882	895	906	917	929	943	957	967	974	980	986	992
Kenthurst	11919	14733	17366	19810	22115	24314	26448	28553	30742	33022	35318	37663	40019	42326	44515	46547	48467	50353	52197
Kentlyn	19445	22672	25608	28223	30669	32927	35073	37149	39283	41453	43611	45814	48042	50195	52177	53970	55621	57246	58815
Kiama	10459	12096	13583	14903	16141	17281	18366	19417	20500	21603	22703	23829	24974	26082	27104	28031	28887	29733	30552
Kingswood	15030	18644	22006	25108	28014	30767	33419	36013	38693	41457	44220	47023	49826	52550	55104	57448	59637	61776	63850
Kurrajong	7818	9515	11079	12503	13830	15071	16255	17403	18580	19780	20970	22173	23375	24533	25604	26573	27466	28336	29172
Leabons Lane	6999	8621	10136	11538	12857	14111	15324	16516	17753	19035	20324	21636	22953	24240	25454	26576	27630	28665	29673
Lennox	2445	3228	3966	4658	5309	5936	6544	7145	7768	8418	9071	9734	10394	11040	11654	12224	12763	13289	13802
Lithgow	9575	11257	12786	14148	15415	16580	17682	18741	19823	20915	21993	23085	24184	25238	26199	27059	27841	28608	29341
Liverpool 11kv	10133	11271	12273	13116	13911	14617	15279	15912	16565	17219	17871	18550	19257	19940	20558	21112	21616	22124	22617
Luddenham	3717	5069	6358	7586	8756	9905	11043	12186	13394	14680	15997	17354	18721	20084	21418	22693	23931	25159	26384
Macquarie Fields	18004	21492	24558	27312	29883	32267	34535	36729	38980	41270	43542	45850	48171	50409	52469	54332	56043	57721	59335
Maldon	13320	16886	20066	23019	25790	28429	30981	33486	36081	38770	41467	44207	46950	49625	52149	54480	56670	58814	60902
Mamre	15806	18141	20259	22130	23871	25470	26993	28469	29996	31553	33109	34712	36347	37936	39405	40741	41978	43206	44399
Marayong	7831	9889	11817	13515	15110	16628	18098	19542	21039	22592	24150	25736	27325	28875	30338	31690	32961	34205	35417
Marsden Park	11627	12746	13711	14492	15228	15863	16449	17002	17570	18129	18683	19267	19886	20482	21009	21473	21888	22313	22724
Meadow Flat	759	913	1054	1176	1290	1395	1495	1591	1690	1789	1887	1986	2085	2180	2267	2345	2416	2486	2552
Minto	25437	28649	31509	33962	36258	38316	40246	42088	43975	45864	47733	49659	51638	53541	55256	56782	58163	59540	60864
Mittagong	11277	13158	14877	16418	17847	19173	20440	21674	22950	24257	25566	26907	28269	29593	30824	31949	32996	34030	35035
Moorebank	5439	6670	7818	8880	9880	10832	11755	12663	13607	14588	15576	16584	17598	18591	19530	20400	21221	22028	22816
Moss Vale	11213	13290	15188	16892	18482	19956	21357	22712	24101	25513	26913	28335	29764	31141	32408	33551	34601	35630	36619
Mount Ousley	7130	8629	10005	11251	12409	13486	14510	15498	16508	17534	18546	19569	20589	21570	22470	23280	24021	24743	25434
Mungerie Park	45158	51190	56623	61367	65842	69926	73811	77575	81474	85448	89430	93549	97782	101901	105706	109170	112384	115589	118713

Table A4.7	Total rooftop PV capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	29563	33430	36988	40181	43276	46206	49096	52005	55126	58455	61921	65602	69443	73327	77134	80802	84409	88073	91794
Nepean 11kv	23328	27619	31682	35488	39086	42586	46079	49629	53446	57559	61850	66375	71047	75784	80479	85036	89545	94095	98720
Newton	8440	9515	10478	11313	12100	12814	13491	14145	14822	15508	16195	16907	17641	18353	19008	19601	20150	20698	21231
North Eastern Creek	502	556	603	643	680	713	743	773	803	833	863	894	927	959	987	1013	1036	1059	1082
North Leppington	2148	2990	3796	4555	5271	5971	6658	7343	8060	8816	9583	10365	11148	11920	12666	13368	14041	14702	15354
North Parramatta	5452	6581	7633	8604	9546	10443	11315	12178	13078	14018	14968	15943	16927	17894	18814	19672	20486	21289	22077
North Richmond	6728	8189	9536	10763	11907	12978	14001	14993	16010	17050	18081	19124	20167	21173	22104	22949	23727	24487	25217
North Rocks	5550	6549	7472	8313	9108	9858	10583	11296	12040	12812	13592	14394	15208	16007	16763	17464	18126	18781	19424
North Warragamba	7116	9102	10968	12715	14344	15902	17414	18902	20447	22053	23667	25308	26948	28551	30072	31482	32812	34115	35387
North Wollongong	3496	4525	5478	6232	6931	7584	8206	8805	9417	10039	10651	11267	11878	12464	13003	13487	13930	14359	14769
Northmead	5803	7008	8131	9166	10144	11073	11974	12863	13790	14754	15728	16726	17734	18723	19661	20533	21359	22173	22971
Nowra	10488	12701	14741	16595	18326	19945	21491	22992	24532	26106	27669	29252	30836	32365	33781	35066	36251	37409	38523
Oakdale	1615	2196	2746	3267	3757	4229	4689	5143	5614	6106	6599	7100	7597	8084	8547	8978	9385	9782	10170
Oran Park	20569	25999	31244	36306	41211	46081	50977	55985	61371	67210	73304	79692	86231	92868	99491	105944	112347	118776	125307
Parklea	43875	48971	53515	57406	61092	64288	67314	70234	73270	76351	79451	82696	86080	89385	92429	95202	97779	100382	102935
Penrith 11kv	4913	6485	7960	9340	10630	11703	12735	13745	14787	15860	16932	18017	19099	20150	21134	22036	22877	23698	24491
Plumpton	16088	18750	21186	23370	25427	27340	29173	30959	32810	34711	36617	38572	40556	42489	44292	45943	47482	49004	50486
Port Central	2846	3552	4205	4804	5361	5885	6386	6871	7368	7877	8380	8887	9392	9877	10327	10735	11111	11476	11826
Port Kembla	7008	8813	10490	12036	13477	14837	16140	17408	18709	20044	21368	22704	24032	25315	26507	27592	28596	29573	30512
Portland	2561	2960	3320	3636	3931	4199	4451	4693	4939	5187	5431	5680	5931	6173	6391	6585	6761	6934	7100
Prestons	18280	20769	23034	25037	26966	28754	30479	32173	33950	35792	37663	39614	41624	43608	45485	47233	48895	50561	52212
Prospect	7211	8000	8699	9291	9860	10369	10851	11315	11799	12289	12781	13298	13837	14363	14847	15287	15696	16109	16514
Quakers Hill	20573	23961	27062	29844	32464	34901	37237	39516	41878	44305	46739	49238	51775	54248	56556	58671	60646	62598	64500
Quarries	3946	4577	5153	5668	6154	6605	7037	7459	7896	8345	8796	9259	9731	10191	10620	11014	11382	11746	12102
Ringwood	5012	5825	6562	7215	7826	8386	8918	9429	9954	10486	11013	11550	12093	12617	13096	13527	13922	14310	14684
Riverstone	14084	15720	17166	18390	19540	20564	21524	22440	23381	24324	25260	26231	27239	28210	29087	29870	30581	31295	31985
Robertson	3536	4386	5181	5918	6611	7272	7911	8539	9191	9868	10548	11240	11935	12613	13254	13847	14405	14952	15485
Rooty Hill	18894	21971	24784	27301	29672	31873	33982	36036	38164	40348	42536	44783	47065	49287	51357	53252	55018	56764	58464
Rosehill	1220	1564	1889	2194	2481	2757	3026	3292	3568	3857	4149	4446	4743	5034	5311	5570	5814	6054	6289
Russell Vale	8975	10907	12683	14294	15791	17187	18514	19795	21105	22435	23750	25076	26399	27670	28838	29890	30853	31791	32688

Table A4.7	Total rooftop PV capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	9288	11174	12926	14535	16054	17493	18886	20257	21684	23166	24660	26191	27737	29251	30683	32011	33265	34500	35709
Schofields	23971	28029	31751	35099	38251	41190	44008	46759	49610	52542	55482	58498	61557	64538	67322	69876	72262	74618	76914
Seven Hills	6770	7481	8106	8627	9120	9555	9962	10350	10751	11152	11552	11971	12410	12835	13219	13562	13875	14192	14499
Shellharbour	17323	20648	23702	26465	29052	31466	33775	36019	38329	40694	43050	45447	47859	50195	52361	54334	56161	57954	59686
Sherwood	7536	8864	10079	11170	12193	13146	14056	14942	15857	16795	17732	18691	19661	20604	21483	22286	23035	23774	24493
Smithfield	13880	15749	17417	18853	20225	21458	22613	23712	24833	25952	27052	28177	29324	30421	31404	32274	33056	33831	34570
South Granville	4961	6147	7255	8281	9245	10161	11047	11917	12820	13755	14694	15651	16609	17546	18430	19248	20017	20771	21507
South Leppington	13931	16724	19307	21665	23881	25968	27979	29949	31991	34101	36220	38388	40576	42713	44727	46587	48337	50063	51753
South Marsden Park	4286	5764	7170	8509	9784	11035	12272	13515	14828	16225	17656	19130	20616	22098	23546	24929	26272	27602	28931
South Nowra	3385	3861	4289	4660	5007	5320	5615	5898	6187	6477	6763	7057	7356	7643	7903	8134	8344	8552	8752
South Windsor	13898	16527	18923	21067	23074	24941	26724	28454	30235	32054	33864	35707	37562	39358	41020	42530	43927	45297	46621
South Wollongong	2494	3041	3543	3996	4416	4807	5178	5535	5899	6268	6632	6998	7363	7712	8032	8319	8580	8834	9077
Springwood	11930	13178	14267	15166	16006	16735	17406	18036	18677	19304	19919	20557	21226	21863	22420	22902	23327	23757	24167
St Marys	11461	14035	16426	18625	20688	22640	24520	26360	28264	30229	32195	34195	36200	38151	39982	41664	43237	44778	46274
Sussex Inlet	4315	5305	6224	7071	7851	8588	9296	9989	10705	11442	12180	12929	13680	14409	15092	15719	16304	16877	17432
Tahmoor	12572	16033	19280	22312	25156	27874	30504	33090	35769	38548	41334	44162	46985	49739	52341	54747	57009	59220	61373
The Oaks	4048	4992	5886	6731	7539	8324	9101	9883	10713	11597	12507	13453	14417	15382	16328	17233	18118	19001	19888
Tomerong	6935	7667	8308	8841	9340	9780	10187	10572	10965	11354	11738	12137	12554	12953	13307	13618	13896	14176	14445
Ulladulla	16827	19440	21800	23878	25819	27592	29267	30877	32526	34191	35838	37518	39222	40860	42353	43691	44911	46114	47269
Unanderra	3858	4486	5053	5554	6020	6445	6846	7230	7623	8017	8406	8801	9199	9581	9928	10237	10516	10791	11054
Warilla	12040	14516	16682	18642	20476	22188	23825	25415	27052	28726	30393	32088	33792	35442	36971	38362	39650	40912	42131
Wentworth Falls	4145	4727	5250	5707	6111	6476	6820	7151	7491	7834	8174	8526	8886	9234	9551	9836	10097	10356	10607
Werrington	10957	13347	15562	17591	19494	21289	22732	24135	25585	27070	28555	30074	31612	33106	34495	35762	36939	38099	39226
West Castle Hill	9746	11532	13184	14688	16110	17449	18744	20016	21341	22716	24101	25525	26967	28380	29714	30949	32114	33265	34393
West Liverpool 11kv	11016	13316	15450	17407	19249	20991	22673	24325	26039	27813	29597	31418	33253	35045	36733	38293	39758	41199	42604
West Parramatta	780	946	1100	1241	1402	1556	1706	1854	2008	2168	2329	2493	2657	2818	2970	3112	3247	3378	3507
West Pennant Hills	10591	12269	13806	15184	16487	17702	18870	20014	21204	22433	23671	24948	26250	27524	28720	29823	30860	31888	32895
West Wetherill Park 11kv	1982	2082	2159	2199	2238	2261	2277	2288	2299	2303	2307	2315	2332	2347	2353	2354	2351	2353	2353

Table A4.7	Total rooftop PV capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	5098	6202	7218	8142	9008	9816	10585	11329	12090	12865	13631	14403	15174	15916	16598	17214	17779	18329	18856
Westmead	486	616	718	812	901	986	1068	1149	1234	1322	1410	1501	1593	1683	1768	1847	1922	1996	2069
Wetherill Park	2464	2677	2858	2999	3132	3242	3341	3433	3525	3614	3700	3791	3889	3983	4062	4128	4184	4244	4300
Whalan	9156	10362	11447	12392	13282	14092	14862	15606	16376	17159	17942	18753	19586	20395	21140	21817	22443	23067	23674
Wilton	2732	3167	3563	3899	4216	4506	4783	5051	5328	5609	5890	6179	6473	6757	7020	7259	7479	7697	7909
Windsor	6882	8223	9444	10537	11410	12210	12967	13696	14443	15198	15947	16711	17484	18230	18911	19523	20082	20634	21164
Wisemans	1706	2164	2590	2982	3307	3610	3900	4182	4470	4764	5056	5351	5645	5928	6190	6428	6647	6861	7066
Wombarra	4180	4920	5593	6193	6751	7265	7752	8219	8697	9180	9657	10140	10626	11092	11518	11899	12246	12586	12911
Woodpark	1470	1678	1863	2023	2173	2310	2440	2565	2695	2827	2959	3094	3234	3369	3494	3607	3712	3816	3918
Yatte Yattah	2491	3093	3655	4177	4667	5134	5585	6028	6488	6965	7443	7931	8419	8895	9345	9761	10152	10535	10908
Yennora	6235	7482	8625	9657	10617	11509	12356	13174	14011	14860	15701	16550	17400	18218	18969	19645	20264	20869	21448
GRAND TOTAL	**1468384**	**1730175**	**1970184**	**2186523**	**2389591**	**2578982**	**2760523**	**2937771**	**3121487**	**3310642**	**3500426**	**3695046**	**3892274**	**4084727**	**4264987**	**4430822**	**4586196**	**4739819**	**4889881**

Table A4.8	Total rooftop PV generation by ZSS – AEMO Step Change																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	16	18	20	22	24	26	28	29	31	33	34	36	38	40	41	43	45	46	48
Albion Park	24	27	30	33	35	38	40	41	43	45	47	49	50	52	54	56	57	58	60
Ambarvale	14	16	19	21	23	25	26	28	30	31	33	35	37	38	40	42	43	45	46
Anzac Village	12	14	16	17	19	20	22	23	24	26	27	29	30	32	33	35	36	37	38
Appin	4	6	7	8	8	9	10	11	11	12	13	14	15	15	16	17	17	18	18
Arndell Park	6	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	22	23	24
Baulkham Hills 11kv	13	15	17	19	21	23	25	26	28	29	31	33	35	37	38	40	41	43	44
Bella Vista	22	26	30	33	36	39	42	45	48	50	53	56	59	62	65	68	70	72	75
Berry	8	9	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	26
Blackheath	4	5	5	6	6	7	7	7	8	8	8	9	9	9	10	10	10	10	11
Blackmans Flat	3	3	4	5	6	7	7	8	9	9	10	11	11	12	13	13	14	14	15
Blaxland	12	13	14	15	16	17	18	18	19	19	20	20	21	22	22	23	23	23	24
Bolong	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6
Bomaderry	15	18	20	22	24	26	27	29	30	32	33	35	36	38	39	41	42	43	44
Bonnyrigg	15	18	20	23	25	27	29	31	32	34	36	38	40	42	44	45	47	48	50
Bossley Park	13	14	16	17	19	20	21	22	22	23	24	25	26	27	28	28	29	29	30
Bow Bowing	7	8	9	10	11	12	12	13	14	15	15	16	17	17	18	19	19	20	20
Bowral	12	14	17	20	22	24	26	28	30	32	34	36	38	40	42	44	45	47	48
Bringelly	5	6	8	10	11	12	14	15	17	18	20	21	23	25	26	28	29	31	33
Bulli	10	13	16	18	21	23	25	28	30	32	34	37	39	41	44	46	47	49	51
Bylong	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Cabramatta	5	7	8	9	10	11	12	13	15	16	17	18	19	20	21	22	23	24	24
Cambridge Park	18	21	24	26	29	31	33	35	37	38	40	42	44	46	48	50	52	53	55
Campbelltown	12	15	18	20	23	25	28	30	32	35	37	40	42	45	48	50	53	55	57
Canley Vale	13	15	17	19	21	23	25	26	28	29	31	33	34	36	37	39	40	41	43
Carramar	5	6	7	8	9	10	11	12	13	14	15	16	16	17	18	19	20	20	21
Castle Hill	9	12	16	20	23	26	30	33	36	39	42	45	49	52	55	58	60	63	65
Casula	16	19	22	25	28	30	33	35	37	39	42	44	47	49	51	53	55	57	59
Cattai	7	8	10	11	13	14	15	17	18	19	20	22	23	24	25	26	27	28	29
Cawdor	11	13	16	19	21	24	26	29	31	34	37	39	42	45	48	51	54	57	60
Cheriton Avenue	12	15	18	20	23	25	28	30	33	35	38	40	43	46	49	51	53	56	58

Table A4.8	Total rooftop PV generation by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	8	9	10	11	12	13	14	15	16	17	18	18	19	20	21	22	23	24	25
Claremont Meadows	13	16	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65	68
Corrimal	11	13	15	17	19	21	22	24	25	27	28	30	31	33	34	35	36	37	39
Cranebrook	11	13	15	17	19	21	23	25	26	28	30	31	33	35	37	38	40	41	42
Culburra	7	9	11	12	13	15	16	17	18	19	20	21	23	24	25	26	27	28	29
Dapto	25	29	33	36	39	42	44	46	48	51	53	55	57	60	62	64	65	67	69
Darkes Forest	0	0	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3
Doonside	27	32	37	41	46	49	53	57	60	64	68	72	75	79	83	86	89	92	96
Dundas	12	15	18	21	24	26	29	31	33	36	38	41	43	45	48	50	52	54	56
East Richmond	7	8	9	10	11	12	12	13	14	14	15	16	17	17	18	18	19	20	20
Eastern Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
Edmondson Park	6	8	9	11	12	13	14	15	16	17	18	19	21	22	23	24	25	25	26
Emu Plains	11	12	13	14	15	16	17	18	19	19	20	21	22	23	23	24	25	25	26
Fairfield	6	7	8	8	9	10	10	11	11	12	12	12	13	13	14	14	15	15	15
Figtree	15	18	20	23	25	26	28	30	31	33	35	36	38	40	41	42	44	45	46
Gerringong	5	5	6	6	7	7	7	8	8	8	9	9	9	10	10	10	10	11	11
Glenmore Park	21	24	27	29	31	33	35	37	38	40	42	44	45	47	49	51	52	53	55
Glenorie	4	4	5	6	6	7	7	8	8	9	9	10	11	11	12	12	13	13	14
Glossodia	8	10	12	13	15	16	18	19	20	21	23	24	25	27	28	29	30	31	32
Granville	6	7	9	10	12	13	14	15	16	17	19	20	21	22	24	25	26	27	28
Greystanes	7	8	9	10	11	11	12	13	14	14	15	16	17	17	18	19	19	20	21
Hartley Vale	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
Hazelbrook	7	7	8	9	9	10	10	11	11	11	12	12	13	13	13	14	14	14	15
Helensburgh	4	5	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	13	14
Hinchinbrook	25	29	33	36	39	41	44	47	49	52	54	57	60	62	65	67	69	72	74
Holroyd	16	20	24	28	31	34	37	40	43	46	49	52	56	59	62	65	68	70	73
Homepride	5	6	8	9	11	12	13	15	16	17	18	20	21	22	24	25	26	27	28
Horsley Park	3	3	4	4	4	4	4	5	5	5	5	5	5	5	5	6	6	6	6
Huntingwood	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	7	8	8	8
Huskisson	16	19	22	24	26	28	30	32	34	36	38	39	41	43	45	46	48	49	51
Ilford Hall	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A4.8	Total rooftop PV generation by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	2	3	4	4	4	5	5	6	6	6	7	7	8	8	8	9	9	9	10
Jasper Rd	12	14	16	17	19	20	21	23	24	25	26	28	29	30	32	33	34	35	36
Jordan Springs	11	13	14	16	17	18	19	21	22	23	24	25	26	27	28	29	30	31	32
Kandos	4	6	8	9	11	12	14	15	17	18	20	21	22	24	25	26	27	29	30
Kangaroo Valley	2	2	2	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	6
Katoomba	8	9	10	11	11	12	13	13	14	14	15	16	16	17	17	18	18	19	19
Kellyville	10	11	13	14	16	17	18	20	21	22	23	25	26	27	29	30	31	32	33
Kembla Grange	5	5	6	7	8	8	9	10	10	11	12	12	13	13	14	15	15	16	16
Kemps Creek	4	5	6	6	7	8	8	9	9	10	10	11	12	12	13	13	14	14	15
Kenny Street	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kenthurst	14	17	20	23	26	29	32	34	37	40	43	46	48	51	54	57	59	62	64
Kentlyn	22	26	30	34	37	40	42	45	48	50	53	56	58	61	64	66	68	70	72
Kiama	12	14	16	18	19	21	22	23	25	26	27	29	30	32	33	34	35	36	37
Kingswood	17	21	25	29	33	36	40	43	46	49	53	56	60	63	66	69	72	75	77
Kurrajong	9	11	13	15	17	18	20	21	23	24	26	27	28	30	31	33	34	35	36
Leabons Lane	8	10	12	14	15	17	18	20	21	23	25	26	28	29	31	32	34	35	36
Lennox	3	4	5	6	6	7	8	9	9	10	11	12	13	13	14	15	16	16	17
Lithgow	11	13	15	17	19	20	22	23	24	26	27	28	30	31	32	33	34	35	36
Liverpool 11kv	12	13	14	16	17	18	19	19	20	21	22	23	23	24	25	26	27	27	28
Luddenham	4	6	7	9	10	12	13	15	16	18	19	21	22	24	26	27	29	30	32
Macquarie Fields	21	25	29	33	36	39	42	45	47	50	53	56	59	61	64	67	69	71	73
Maldon	15	20	24	27	31	34	38	41	44	47	51	54	57	61	64	67	70	72	75
Mamre	18	21	24	26	28	31	33	34	36	38	40	42	44	46	48	50	51	53	54
Marayong	9	11	14	16	18	20	22	24	25	27	29	31	33	35	37	39	40	42	43
Marsden Park	13	15	16	17	18	19	20	21	21	22	23	23	24	25	26	26	27	27	28
Meadow Flat	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
Minto	29	33	37	40	43	46	49	51	53	56	58	60	63	65	68	70	71	73	75
Mittagong	13	15	17	19	21	23	25	26	28	29	31	33	34	36	37	39	40	42	43
Moorebank	6	8	9	11	12	13	14	15	17	18	19	20	21	23	24	25	26	27	28
Moss Vale	13	15	18	20	22	24	26	27	29	31	33	34	36	38	39	41	42	43	45
Mount Ousley	8	10	11	13	14	16	17	18	19	21	22	23	24	26	27	28	29	30	31
Mungerie Park	51	59	66	73	78	84	89	94	98	103	108	113	118	124	129	133	137	141	146

Table A4.8	Total rooftop PV generation by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	34	39	44	48	52	56	59	63	67	71	75	80	85	89	95	99	104	108	113
Nepean 11kv	27	32	37	42	47	51	56	60	65	70	75	81	87	92	99	104	110	116	122
Newton	10	11	12	13	14	15	16	17	18	19	20	20	21	22	23	24	25	25	26
North Eastern Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
North Leppington	2	3	4	5	6	7	8	9	10	11	12	13	14	14	15	16	17	18	19
North Parramatta	6	8	9	10	11	13	14	15	16	17	18	19	21	22	23	24	25	26	27
North Richmond	8	9	11	13	14	16	17	18	19	21	22	23	25	26	27	28	29	30	31
North Rocks	6	8	9	10	11	12	13	14	15	15	16	17	18	19	20	21	22	23	24
North Warragamba	8	10	13	15	17	19	21	23	24	26	28	30	32	34	36	38	40	41	43
North Wollongong	4	5	6	7	8	9	10	10	11	12	12	13	14	15	15	16	16	17	18
Northmead	7	8	10	11	12	13	14	16	17	18	19	20	21	23	24	25	26	27	28
Nowra	12	15	17	20	22	24	26	28	30	32	33	35	37	39	41	43	44	46	47
Oakdale	2	3	3	4	4	5	6	6	7	7	8	9	9	10	10	11	12	12	13
Oran Park	23	30	37	43	49	55	62	68	74	82	89	97	105	113	122	130	138	146	154
Parklea	50	56	63	68	73	77	81	85	88	92	96	100	104	108	113	116	119	123	126
Penrith 11kv	6	7	9	11	13	14	15	16	18	19	20	22	23	24	25	27	28	29	30
Plumpton	18	22	25	28	30	33	35	37	40	42	44	47	49	52	54	56	58	60	62
Port Central	3	4	5	6	6	7	8	8	9	10	10	11	11	12	13	13	14	14	14
Port Kembla	8	10	12	14	16	17	19	20	22	23	25	27	28	30	31	33	34	35	36
Portland	3	3	4	4	5	5	5	6	6	6	7	7	7	8	8	8	8	9	9
Prestons	21	24	27	30	32	35	37	39	41	43	46	48	51	53	56	58	60	62	64
Prospect	8	9	10	11	12	12	13	14	14	15	15	16	17	17	18	19	19	20	20
Quakers Hill	23	28	32	35	39	42	45	48	51	54	57	60	63	66	69	72	74	77	79
Quarries	4	5	6	7	7	8	8	9	10	10	11	11	12	12	13	13	14	14	15
Ringwood	6	7	8	9	9	10	11	11	12	13	13	14	15	15	16	16	17	17	18
Riverstone	16	18	20	22	23	25	26	27	28	30	31	32	33	34	36	37	38	38	39
Robertson	4	5	6	7	8	9	10	10	11	12	13	14	14	15	16	17	18	18	19
Rooty Hill	21	25	29	32	35	38	41	43	46	49	52	54	57	60	63	65	67	69	72
Rosehill	1	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8
Russell Vale	10	12	15	17	18	20	22	23	25	27	28	30	31	33	34	36	37	38	39

Table A4.8	Total rooftop PV generation by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	11	13	15	17	19	21	23	24	26	28	30	32	34	35	37	39	41	42	44
Schofields	27	32	37	42	46	49	53	56	60	64	67	71	75	78	82	85	88	91	94
Seven Hills	8	9	9	10	11	11	12	12	13	13	14	15	15	16	16	17	17	17	18
Shellharbour	20	24	28	31	35	38	41	43	46	49	52	55	58	61	64	66	69	71	73
Sherwood	9	10	12	13	15	16	17	18	19	20	21	23	24	25	26	27	28	29	30
Smithfield	16	18	20	22	24	26	27	29	30	31	33	34	36	37	38	39	40	41	42
South Granville	6	7	8	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26
South Leppington	16	19	23	26	29	31	34	36	39	41	44	47	49	52	55	57	59	61	64
South Marsden Park	5	7	8	10	12	13	15	16	18	20	21	23	25	27	29	30	32	34	35
South Nowra	4	4	5	6	6	6	7	7	7	8	8	9	9	9	10	10	10	10	11
South Windsor	16	19	22	25	28	30	32	34	37	39	41	43	46	48	50	52	54	56	57
South Wollongong	3	3	4	5	5	6	6	6	7	7	8	8	9	9	9	10	10	10	11
Springwood	13	15	17	18	19	20	21	22	22	23	24	25	25	26	27	28	28	29	29
St Marys	13	16	19	22	25	27	30	32	34	37	39	41	44	46	49	51	53	55	57
Sussex Inlet	5	6	7	8	9	10	11	12	13	14	15	16	17	17	18	19	20	21	21
Tahmoor	14	19	23	27	30	34	37	40	43	47	50	54	57	61	64	67	70	73	76
The Oaks	5	6	7	8	9	10	11	12	13	14	15	16	18	19	20	21	22	23	25
Tomerong	8	9	10	10	11	12	12	13	13	14	14	15	15	16	16	17	17	17	18
Ulladulla	18	22	25	27	30	32	34	36	38	40	42	44	46	48	50	52	53	54	56
Unanderra	4	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	12	13	13
Warilla	14	17	20	22	24	27	29	31	33	35	37	39	41	43	45	47	48	50	52
Wentworth Falls	5	5	6	7	7	8	8	9	9	10	10	10	11	11	12	12	12	13	13
Werrington	12	15	18	21	23	26	27	29	31	33	35	36	38	40	42	44	45	47	48
West Castle Hill	11	13	15	17	19	21	23	24	26	27	29	31	33	34	36	38	39	41	42
West Liverpool 11kv	13	15	18	21	23	25	27	30	32	34	36	38	40	43	45	47	49	51	53
West Parramatta	1	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4
West Pennant Hills	12	14	16	18	20	21	23	24	26	27	29	30	32	33	35	36	38	39	40
West Wetherill Park 11kv	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Table A4.8	Total rooftop PV generation by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	20	21	22	22
Westmead	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3
Wetherill Park	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
Whalan	10	12	13	15	16	17	18	19	20	21	22	23	24	25	26	27	27	28	29
Wilton	3	4	4	5	5	5	6	6	6	7	7	8	8	8	9	9	9	9	10
Windsor	8	10	11	13	14	15	16	17	18	18	19	20	21	22	23	24	25	25	26
Wisemans	2	3	3	4	4	4	5	5	5	6	6	7	7	7	8	8	8	8	9
Wombarra	5	6	6	7	8	9	9	10	10	11	11	12	13	13	14	14	15	15	15
Woodpark	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5
Yatte Yattah	3	4	4	5	6	6	7	7	8	8	9	10	10	11	11	12	12	13	13
Yennora	7	9	10	11	13	14	15	16	17	18	19	20	21	22	23	24	25	26	26
GRAND TOTAL	**1665**	**1988**	**2305**	**2585**	**2841**	**3085**	**3323**	**3542**	**3764**	**3996**	**4236**	**4470**	**4709**	**4950**	**5194**	**5403**	**5597**	**5789**	**5990**

Table A4.9	Total rooftop PV customers by ZSS – AEMO Step Change																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	2741	3080	3381	3641	3885	4107	4317	4520	4730	4945	5160	5384	5616	5843	6052	6244	6422	6602	6778
Albion Park	3770	4233	4640	4985	5306	5590	5854	6104	6358	6609	6856	7110	7371	7620	7841	8034	8207	8379	8542
Ambarvale	2584	2929	3236	3501	3749	3974	4185	4387	4594	4803	5010	5223	5442	5653	5844	6015	6171	6326	6475
Anzac Village	2080	2361	2615	2835	3042	3231	3411	3585	3764	3947	4130	4319	4513	4701	4875	5032	5178	5323	5464
Appin	668	811	941	1060	1169	1272	1370	1464	1560	1659	1756	1854	1952	2046	2133	2212	2284	2354	2421
Arndell Park	1127	1288	1434	1561	1680	1789	1892	1992	2094	2198	2302	2408	2517	2622	2718	2805	2885	2964	3041
Baulkham Hills 11kv	2282	2582	2851	3083	3303	3502	3690	3872	4061	4252	4443	4640	4843	5041	5222	5386	5537	5689	5836
Bella Vista	3480	3949	4368	4732	5075	5386	5681	5966	6260	6558	6855	7162	7477	7783	8063	8316	8550	8782	9008
Berry	1261	1441	1602	1741	1871	1988	2098	2203	2310	2417	2523	2631	2741	2847	2942	3026	3102	3178	3250
Blackheath	846	934	1010	1072	1129	1179	1224	1266	1309	1350	1390	1432	1475	1517	1552	1582	1609	1635	1660
Blackmans Flat	399	509	610	703	790	871	949	1024	1100	1179	1256	1333	1410	1484	1552	1613	1669	1724	1776
Blaxland	2219	2380	2514	2613	2706	2779	2843	2899	2956	3008	3057	3111	3172	3229	3273	3309	3336	3367	3396
Bolong	258	304	346	383	418	450	480	509	539	569	598	628	658	686	713	736	757	778	798
Bomaderry	2564	2869	3137	3362	3573	3758	3930	4093	4258	4422	4582	4748	4918	5081	5225	5351	5463	5575	5682
Bonnyrigg	2917	3313	3667	3972	4258	4517	4761	4994	5234	5476	5716	5962	6214	6458	6679	6877	7058	7238	7411
Bossley Park	2111	2309	2479	2615	2741	2848	2944	3033	3122	3208	3291	3377	3470	3557	3631	3692	3745	3799	3850
Bow Bowing	1190	1368	1528	1667	1797	1915	2026	2131	2239	2348	2454	2563	2674	2779	2875	2960	3037	3112	3185
Bowral	1828	2147	2435	2690	2928	3146	3352	3550	3752	3956	4157	4361	4566	4763	4942	5102	5247	5390	5526
Bringelly	604	789	966	1133	1292	1447	1600	1754	1915	2087	2262	2443	2625	2806	2983	3151	3314	3475	3636
Bulli	1784	2196	2576	2924	3248	3553	3846	4132	4426	4728	5030	5336	5642	5940	6219	6474	6712	6946	7173
Bylong	30	40	50	60	68	76	84	91	99	107	115	122	130	137	143	149	155	160	165
Cabramatta	929	1088	1232	1361	1481	1591	1697	1798	1903	2009	2115	2223	2331	2437	2533	2621	2701	2780	2857
Cambridge Park	2995	3403	3768	4084	4379	4647	4899	5141	5389	5639	5887	6142	6403	6654	6882	7087	7274	7459	7638
Campbelltown	2018	2376	2706	3004	3286	3551	3807	4059	4322	4596	4873	5159	5451	5738	6011	6266	6509	6751	6990
Canley Vale	2440	2763	3051	3296	3526	3731	3923	4105	4291	4477	4660	4847	5039	5223	5388	5533	5664	5795	5919
Carramar	841	1005	1154	1287	1410	1523	1630	1733	1837	1941	2044	2148	2251	2350	2439	2519	2591	2661	2728
Castle Hill	1258	1726	2165	2576	2958	3322	3673	4015	4366	4728	5086	5446	5800	6143	6463	6755	7026	7288	7539
Casula	2754	3221	3645	4020	4371	4695	5002	5298	5602	5910	6216	6528	6843	7147	7425	7676	7907	8134	8352
Cattai	740	890	1026	1149	1263	1369	1469	1567	1666	1766	1866	1967	2067	2164	2253	2333	2406	2477	2546
Cawdor	1617	1940	2241	2520	2786	3042	3292	3543	3808	4087	4374	4672	4976	5279	5573	5853	6124	6394	6665
Cheriton Avenue	1814	2173	2505	2809	3096	3367	3631	3891	4162	4444	4729	5022	5319	5611	5889	6147	6393	6635	6874

Table A4.9	Total rooftop PV customers by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	1304	1463	1605	1727	1842	1947	2047	2144	2244	2347	2451	2559	2670	2780	2881	2974	3061	3149	3234
Claremont Meadows	1843	2204	2537	2840	3125	3393	3652	3906	4170	4442	4717	4998	5283	5561	5824	6067	6296	6522	6744
Corrimal	1954	2274	2561	2813	3047	3259	3458	3647	3840	4033	4222	4413	4606	4790	4956	5102	5233	5362	5484
Cranebrook	1582	1861	2114	2340	2551	2746	2931	3110	3294	3480	3666	3854	4044	4228	4396	4549	4689	4826	4958
Culburra	1409	1618	1806	1969	2121	2258	2387	2511	2636	2762	2886	3012	3140	3263	3373	3471	3559	3647	3730
Dapto	4500	5014	5463	5838	6188	6494	6776	7042	7312	7577	7837	8105	8382	8646	8878	9079	9257	9435	9604
Darkes Forest	50	88	124	158	190	220	250	279	309	340	370	401	430	459	486	511	533	555	577
Doonside	5444	6243	6963	7593	8184	8725	9239	9734	10245	10763	11279	11809	12349	12872	13352	13786	14185	14581	14964
Dundas	2234	2655	3039	3385	3708	4009	4296	4575	4862	5154	5446	5742	6040	6329	6596	6839	7063	7283	7496
East Richmond	1097	1291	1466	1623	1768	1901	2028	2149	2274	2399	2523	2649	2775	2897	3008	3107	3197	3286	3371
Eastern Creek	119	139	156	172	186	200	212	225	238	251	264	277	291	304	316	327	337	347	357
Edmondson Park	818	996	1159	1308	1447	1577	1701	1822	1946	2073	2199	2326	2454	2577	2691	2794	2890	2984	3074
Emu Plains	1849	2032	2190	2319	2439	2541	2635	2723	2812	2898	2983	3071	3164	3253	3329	3395	3452	3511	3566
Fairfield	1135	1260	1370	1460	1544	1617	1684	1747	1811	1874	1935	1998	2064	2126	2180	2227	2269	2310	2350
Figtree	2647	3037	3385	3687	3966	4218	4453	4676	4903	5129	5349	5574	5802	6019	6212	6383	6535	6684	6827
Gerringong	889	982	1064	1131	1195	1250	1300	1348	1397	1445	1492	1541	1593	1642	1685	1723	1756	1790	1823
Glenmore Park	3219	3550	3838	4075	4298	4492	4672	4841	5015	5187	5356	5533	5719	5898	6056	6195	6319	6445	6566
Glenorie	406	478	545	605	661	713	763	812	863	915	967	1020	1074	1126	1175	1219	1261	1302	1342
Glossodia	1011	1182	1337	1473	1599	1714	1822	1926	2032	2138	2242	2348	2454	2556	2648	2729	2803	2875	2944
Granville	1052	1236	1404	1555	1697	1829	1956	2080	2209	2340	2473	2608	2746	2879	3004	3119	3226	3332	3435
Greystanes	1332	1502	1654	1785	1907	2018	2122	2223	2326	2430	2534	2642	2752	2859	2957	3045	3126	3207	3285
Hartley Vale	50	57	63	68	73	77	81	85	89	93	97	100	104	108	111	114	117	119	122
Hazelbrook	1387	1500	1595	1668	1736	1791	1841	1886	1931	1973	2013	2056	2104	2148	2185	2214	2239	2265	2289
Helensburgh	777	889	989	1075	1154	1226	1293	1356	1421	1485	1547	1611	1676	1738	1792	1841	1884	1926	1967
Hinchinbrook	4068	4583	5041	5436	5808	6144	6462	6769	7085	7406	7727	8059	8401	8734	9038	9314	9568	9822	10069
Holroyd	2619	3103	3547	3946	4322	4672	5009	5337	5676	6024	6373	6729	7089	7439	7766	8066	8345	8620	8888
Homepride	1019	1324	1609	1876	2126	2366	2599	2829	3066	3313	3561	3813	4064	4308	4540	4754	4956	5153	5345
Horsley Park	318	357	391	421	448	472	495	517	539	561	583	605	628	650	670	688	704	720	735
Huntingwood	404	455	500	539	575	607	637	665	694	723	752	781	811	840	866	889	909	930	949
Huskisson	2707	3080	3413	3699	3965	4205	4429	4642	4859	5076	5289	5507	5729	5942	6132	6300	6451	6601	6744
Ilford Hall	72	91	108	124	139	153	166	178	191	204	217	229	242	254	265	275	284	293	301
Inner Harbour	18	19	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21

Table A4.9	Total rooftop PV customers by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	362	424	480	530	577	619	660	699	739	779	820	860	901	941	977	1010	1039	1069	1097
Jasper Rd	2295	2579	2832	3049	3254	3439	3615	3784	3958	4135	4313	4496	4686	4871	5040	5193	5334	5476	5613
Jordan Springs	1694	1917	2117	2288	2448	2593	2728	2857	2990	3123	3254	3390	3528	3661	3782	3889	3986	4083	4176
Kandos	584	786	974	1147	1308	1459	1604	1744	1886	2031	2173	2315	2455	2588	2712	2823	2924	3022	3114
Kangaroo Valley	299	356	408	455	498	538	575	612	649	686	723	761	798	834	867	897	924	950	975
Katoomba	1504	1651	1777	1879	1975	2056	2130	2199	2269	2337	2403	2472	2545	2614	2673	2724	2768	2813	2856
Kellyville	1533	1740	1926	2088	2241	2380	2512	2640	2772	2906	3041	3180	3323	3462	3590	3706	3813	3920	4025
Kembla Grange	643	748	844	928	1007	1079	1147	1213	1281	1349	1417	1487	1557	1625	1688	1744	1796	1847	1897
Kemps Creek	477	574	663	744	820	891	959	1025	1094	1164	1234	1306	1378	1448	1513	1573	1629	1683	1736
Kenny Street	119	130	139	146	153	158	163	168	172	177	181	185	190	194	198	201	204	207	209
Kenthurst	1409	1695	1959	2199	2424	2636	2841	3041	3247	3461	3675	3893	4112	4326	4527	4711	4883	5053	5217
Kentlyn	3853	4382	4855	5263	5644	5987	6309	6617	6931	7247	7558	7877	8203	8516	8798	9048	9275	9500	9716
Kiama	2069	2343	2587	2797	2993	3169	3335	3494	3656	3819	3980	4146	4316	4479	4626	4758	4877	4995	5109
Kingswood	2720	3226	3687	4100	4487	4846	5188	5520	5862	6210	6556	6908	7262	7604	7921	8207	8472	8731	8981
Kurrajong	1235	1449	1641	1811	1969	2114	2250	2381	2514	2647	2779	2912	3046	3174	3290	3393	3487	3579	3666
Leabons Lane	1523	1808	2068	2303	2523	2728	2924	3115	3312	3513	3714	3919	4126	4326	4512	4682	4839	4994	5143
Lennox	459	587	707	818	923	1024	1121	1217	1316	1419	1522	1627	1732	1835	1932	2022	2106	2189	2270
Lithgow	1811	2085	2330	2542	2740	2918	3084	3242	3403	3563	3720	3879	4040	4194	4331	4452	4560	4667	4768
Liverpool 11kv	2190	2616	3008	3363	3697	4010	4311	4606	4910	5224	5538	5859	6182	6497	6791	7062	7314	7562	7804
Luddenham	451	597	737	868	994	1115	1235	1355	1481	1614	1750	1889	2029	2168	2302	2430	2553	2675	2796
Macquarie Fields	3518	4099	4622	5083	5513	5905	6276	6631	6994	7360	7720	8086	8456	8811	9133	9420	9681	9938	10183
Maldon	1982	2376	2737	3063	3369	3654	3927	4192	4465	4745	5025	5308	5594	5870	6127	6362	6579	6792	6999
Mamre	3107	3483	3815	4098	4364	4601	4823	5035	5254	5472	5689	5913	6145	6368	6570	6750	6913	7076	7234
Marayong	1489	1769	2026	2258	2475	2677	2871	3059	3254	3453	3651	3854	4058	4255	4439	4606	4762	4914	5062
Marsden Park	1620	1793	1943	2068	2184	2286	2380	2469	2560	2650	2738	2830	2926	3018	3100	3171	3235	3300	3362
Meadow Flat	132	152	171	186	201	214	227	239	251	263	274	286	298	310	320	329	337	345	352
Minto	5208	5763	6246	6645	7017	7341	7639	7919	8204	8483	8757	9041	9338	9621	9869	10084	10274	10465	10648
Mittagong	2134	2412	2660	2873	3074	3254	3424	3587	3755	3924	4092	4264	4442	4613	4769	4909	5036	5163	5286
Moorebank	877	1025	1160	1281	1394	1499	1600	1698	1800	1904	2008	2115	2223	2328	2426	2516	2599	2682	2762
Moss Vale	1893	2183	2443	2670	2881	3073	3253	3426	3602	3778	3952	4129	4309	4480	4636	4774	4898	5021	5138
Mount Ousley	1334	1556	1755	1929	2091	2239	2377	2509	2643	2777	2908	3042	3176	3304	3419	3520	3612	3701	3786
Mungerie Park	7261	8199	9036	9757	10434	11047	11625	12181	12755	13334	13911	14507	15120	15714	16256	16744	17191	17638	18071

Table A4.9	Total rooftop PV customers by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	4987	5545	6048	6484	6906	7296	7676	8054	8458	8884	9325	9795	10289	10787	11267	11725	12171	12626	13086
Nepean 11kv	3690	4234	4738	5195	5636	6057	6472	6891	7338	7815	8310	8832	9374	9919	10454	10967	11470	11979	12493
Newton	1461	1614	1747	1858	1962	2053	2138	2219	2302	2384	2466	2551	2640	2727	2804	2872	2933	2996	3056
North Eastern Creek	89	103	116	127	138	147	156	165	174	184	193	203	212	222	230	238	245	252	259
North Leppington	306	410	509	602	689	774	856	938	1023	1112	1202	1294	1385	1475	1560	1640	1716	1791	1864
North Parramatta	944	1104	1251	1383	1507	1623	1735	1844	1957	2074	2191	2312	2434	2554	2666	2769	2866	2961	3054
North Richmond	975	1138	1285	1414	1535	1645	1748	1848	1949	2051	2152	2254	2356	2455	2544	2624	2696	2767	2835
North Rocks	1176	1348	1504	1641	1770	1889	2002	2112	2226	2343	2460	2581	2704	2825	2936	3038	3133	3227	3319
North Warragamba	1029	1259	1472	1666	1848	2020	2184	2345	2511	2681	2852	3025	3198	3367	3524	3668	3803	3935	4063
North Wollongong	522	640	747	844	934	1018	1097	1173	1250	1328	1405	1482	1559	1632	1699	1759	1813	1866	1916
Northmead	1198	1397	1580	1743	1896	2039	2175	2309	2447	2589	2732	2878	3027	3172	3307	3431	3546	3661	3772
Nowra	2018	2343	2636	2893	3132	3351	3557	3754	3955	4157	4357	4560	4765	4961	5139	5298	5442	5583	5719
Oakdale	286	379	466	547	623	695	765	834	905	979	1053	1127	1201	1273	1340	1403	1462	1518	1574
Oran Park	2928	3561	4161	4727	5272	5806	6338	6877	7454	8074	8717	9391	10080	10776	11463	12126	12778	13433	14094
Parklea	7840	8651	9362	9952	10509	10999	11458	11895	12347	12800	13252	13726	14225	14708	15145	15537	15896	16259	16614
Penrith 11kv	882	1073	1250	1410	1560	1701	1835	1966	2101	2239	2376	2515	2654	2789	2914	3028	3133	3236	3336
Plumpton	3545	4052	4507	4904	5276	5616	5938	6249	6569	6893	7216	7548	7887	8215	8515	8786	9036	9283	9522
Port Central	588	713	827	930	1025	1114	1198	1279	1362	1446	1529	1613	1696	1776	1849	1915	1975	2033	2089
Port Kembla	1363	1672	1955	2211	2450	2672	2883	3087	3295	3507	3716	3926	4136	4337	4521	4688	4840	4988	5129
Portland	448	499	544	582	617	647	676	702	729	755	780	807	834	860	882	902	919	936	952
Prestons	3399	3781	4120	4408	4681	4926	5159	5384	5619	5858	6099	6352	6615	6874	7113	7332	7536	7742	7946
Prospect	1495	1626	1737	1827	1911	1983	2049	2111	2175	2238	2301	2368	2440	2509	2570	2624	2673	2723	2772
Quakers Hill	4097	4686	5216	5679	6114	6511	6888	7251	7625	8004	8382	8771	9168	9552	9904	10222	10515	10805	11086
Quarries	847	966	1072	1165	1253	1332	1408	1481	1556	1632	1708	1787	1867	1945	2016	2081	2140	2199	2257
Ringwood	930	1043	1142	1227	1305	1375	1439	1501	1563	1625	1685	1747	1812	1873	1927	1975	2018	2060	2101
Riverstone	2194	2488	2751	2978	3190	3382	3562	3735	3913	4092	4269	4452	4639	4819	4982	5129	5262	5395	5523
Robertson	598	745	882	1007	1125	1236	1343	1448	1557	1668	1780	1893	2006	2116	2219	2314	2402	2488	2572
Rooty Hill	3561	4049	4486	4866	5222	5546	5852	6146	6450	6757	7062	7377	7698	8010	8294	8551	8786	9019	9245
Rosehill	275	348	417	481	541	598	654	709	765	824	883	944	1004	1062	1118	1169	1218	1265	1311
Russell Vale	1759	2063	2337	2578	2802	3006	3198	3382	3568	3755	3938	4123	4310	4487	4647	4789	4917	5042	5160

Table A4.9	Total rooftop PV customers by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	1757	2084	2384	2654	2909	3147	3376	3600	3832	4070	4309	4554	4801	5042	5267	5474	5667	5858	6043
Schofields	3603	4103	4553	4943	5310	5643	5959	6263	6577	6894	7210	7535	7867	8189	8483	8749	8992	9235	9469
Seven Hills	1359	1540	1702	1843	1975	2094	2207	2316	2428	2542	2654	2771	2890	3006	3112	3207	3294	3381	3466
Shellharbour	3344	3863	4330	4741	5124	5473	5804	6121	6447	6775	7100	7432	7768	8092	8387	8651	8892	9130	9358
Sherwood	1470	1671	1850	2006	2152	2284	2408	2528	2650	2774	2898	3024	3154	3280	3394	3497	3592	3686	3777
Smithfield	2741	3044	3308	3526	3729	3905	4067	4218	4371	4520	4665	4814	4970	5118	5245	5355	5451	5547	5638
South Granville	995	1200	1389	1561	1721	1871	2015	2155	2299	2448	2595	2746	2896	3043	3179	3304	3420	3533	3643
South Leppington	1988	2311	2603	2862	3105	3329	3542	3748	3961	4178	4395	4617	4842	5061	5263	5448	5619	5789	5953
South Marsden Park	540	688	828	960	1085	1206	1325	1443	1568	1699	1833	1971	2110	2248	2381	2508	2630	2750	2870
South Nowra	545	622	691	750	805	855	902	946	991	1037	1081	1127	1173	1217	1257	1292	1324	1355	1385
South Windsor	2090	2400	2678	2920	3146	3351	3545	3730	3920	4111	4299	4492	4688	4876	5047	5199	5338	5474	5606
South Wollongong	425	507	581	647	708	764	818	868	920	972	1023	1075	1126	1176	1220	1260	1296	1331	1364
Springwood	2578	2786	2961	3095	3220	3322	3413	3495	3577	3654	3728	3807	3894	3975	4042	4096	4141	4188	4233
St Marys	2351	2778	3168	3518	3845	4148	4438	4719	5008	5302	5596	5895	6196	6487	6757	7001	7227	7449	7663
Sussex Inlet	968	1176	1367	1540	1702	1853	1998	2138	2283	2431	2577	2726	2875	3019	3152	3273	3385	3494	3600
Tahmoor	2131	2563	2961	3320	3656	3971	4272	4564	4866	5174	5482	5795	6109	6413	6696	6954	7193	7427	7654
The Oaks	622	739	849	949	1045	1136	1226	1315	1409	1508	1610	1715	1823	1930	2034	2132	2227	2322	2417
Tomerong	1459	1596	1714	1807	1895	1970	2038	2101	2165	2226	2286	2349	2416	2480	2535	2581	2621	2663	2702
Ulladulla	3528	4006	4430	4795	5134	5438	5722	5992	6267	6541	6810	7086	7367	7636	7876	8088	8279	8467	8647
Unanderra	656	789	910	1018	1118	1211	1298	1382	1468	1554	1638	1723	1808	1889	1963	2028	2088	2146	2201
Warilla	2478	2886	3254	3579	3882	4160	4423	4676	4935	5196	5454	5717	5983	6239	6472	6681	6871	7058	7238
Wentworth Falls	935	1036	1124	1197	1265	1324	1380	1432	1485	1538	1589	1643	1699	1753	1800	1842	1879	1917	1953
Werrington	2023	2422	2789	3119	3429	3718	3994	4263	4539	4822	5104	5390	5678	5956	6214	6450	6667	6881	7087
West Castle Hill	1758	2038	2293	2519	2732	2930	3119	3303	3493	3688	3884	4085	4289	4488	4673	4842	5000	5156	5308
West Liverpool 11kv	2263	2622	2949	3238	3510	3761	4001	4234	4474	4720	4965	5217	5473	5721	5952	6161	6356	6548	6735
West Parramatta	202	242	280	314	347	377	407	435	465	496	527	559	591	623	652	679	705	730	755
West Pennant Hills	1994	2262	2503	2712	2909	3089	3259	3424	3595	3769	3944	4124	4308	4488	4654	4804	4944	5082	5217
West Wetherill Park 11kv	204	212	219	223	226	228	229	230	230	230	230	231	232	233	233	233	232	232	232

Table A4.9	Total rooftop PV customers by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	1033	1233	1414	1576	1725	1863	1993	2118	2245	2372	2497	2623	2750	2870	2979	3076	3164	3250	3331
Westmead	158	185	209	230	251	270	288	306	324	343	362	382	402	421	439	456	472	487	502
Wetherill Park	361	384	403	416	429	438	446	452	459	465	471	477	485	492	497	501	504	507	511
Whalan	1832	2034	2210	2358	2497	2620	2735	2844	2956	3069	3180	3296	3417	3533	3638	3731	3815	3900	3982
Wilton	473	537	595	644	691	733	772	810	849	887	926	966	1006	1045	1081	1112	1141	1170	1197
Windsor	994	1177	1344	1492	1630	1757	1877	1992	2110	2230	2347	2466	2586	2700	2805	2899	2984	3067	3147
Wisemans	313	409	499	582	659	731	801	868	937	1008	1078	1148	1217	1283	1345	1400	1452	1502	1549
Wombarra	879	1006	1118	1216	1306	1387	1463	1534	1607	1680	1751	1823	1896	1966	2028	2082	2131	2179	2225
Woodpark	206	250	289	326	360	391	422	452	482	514	545	577	610	641	670	697	722	746	770
Yatte Yattah	601	779	946	1101	1246	1384	1517	1648	1782	1922	2061	2201	2341	2477	2604	2722	2831	2938	3041
Yennora	1257	1472	1667	1838	1996	2141	2278	2408	2540	2673	2803	2935	3068	3194	3308	3410	3501	3590	3675
GRAND TOTAL	**271805**	**312671**	**349516**	**381856**	**412180**	**439952**	**466308**	**491758**	**517975**	**544607**	**571138**	**598372**	**626125**	**653007**	**677743**	**700159**	**720842**	**741356**	**761246**

Table A4.10	Total rooftop PV capacity by ZSS – AEMO Step Change																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	3	3	3	4	4	4	5	5	5	5	6	6	6	7	7	7	7	8	8
Albion Park	4	5	6	6	6	7	7	7	8	8	8	9	9	9	10	10	10	10	11
Ambarvale	2	3	3	3	4	4	4	4	5	5	5	5	6	6	6	7	7	7	7
Anzac Village	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	6
Appin	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3
Arndell Park	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4
Baulkham Hills 11kv	2	3	3	3	4	4	4	4	5	5	5	5	6	6	6	7	7	7	7
Bella Vista	4	4	5	6	6	7	7	7	8	8	9	9	10	10	11	11	12	12	12
Berry	1	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	5	5
Blackheath	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Blackmans Flat	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3
Blaxland	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
Bolong	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Bomaderry	3	3	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8
Bonnyrigg	3	3	3	4	4	5	5	5	5	6	6	6	7	7	7	8	8	8	8
Bossley Park	2	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5
Bow Bowing	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
Bowral	2	2	3	3	4	4	4	5	5	5	5	6	6	6	7	7	7	7	8
Bringelly	1	1	1	2	2	2	2	2	3	3	3	3	4	4	4	5	5	5	5
Bulli	1	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8
Bylong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cabramatta	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4
Cambridge Park	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
Campbelltown	2	2	3	3	4	4	4	5	5	5	6	6	7	7	7	8	8	8	9
Canley Vale	2	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7
Carramar	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
Castle Hill	1	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11
Casula	3	3	4	4	5	5	5	6	6	7	7	7	8	8	9	9	9	9	10
Cattai	1	1	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	5	5
Cawdor	2	2	3	3	4	4	4	5	5	6	6	7	7	7	8	8	9	9	10
Cheriton Avenue	2	2	3	3	4	4	5	5	5	6	6	7	7	8	8	8	9	9	9

Table A4.10	Total rooftop PV capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	1	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4
Claremont Meadows	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11
Corrimal	2	2	2	3	3	3	3	4	4	4	4	4	5	5	5	5	5	6	6
Cranebrook	2	2	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7
Culburra	1	2	2	2	2	3	3	3	3	3	4	4	4	4	4	5	5	5	5
Dapto	4	5	6	6	7	7	7	8	8	9	9	9	10	10	10	11	11	11	12
Darkes Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Doonside	5	5	6	7	8	8	9	9	10	11	11	12	12	13	14	14	15	15	16
Dundas	2	3	3	3	4	4	5	5	5	6	6	7	7	7	8	8	9	9	9
East Richmond	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Edmondson Park	1	1	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4
Emu Plains	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
Fairfield	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
Figtree	3	3	3	4	4	4	5	5	5	6	6	6	6	7	7	7	7	8	8
Gerringong	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Glenmore Park	4	4	5	5	5	6	6	6	6	7	7	7	8	8	8	8	9	9	9
Glenorie	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Glossodia	1	2	2	2	2	3	3	3	3	4	4	4	4	4	5	5	5	5	5
Granville	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	5
Greystanes	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
Hartley Vale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hazelbrook	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
Helensburgh	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Hinchinbrook	4	5	6	6	7	7	7	8	8	9	9	10	10	10	11	11	12	12	12
Holroyd	3	3	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	11	12
Homepride	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	5
Horsley Park	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Huntingwood	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Huskisson	3	3	4	4	5	5	5	6	6	6	7	7	7	8	8	8	8	9	9
Ilford Hall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A4.10	Total rooftop PV capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
Jasper Rd	2	2	3	3	3	3	4	4	4	4	4	5	5	5	5	5	6	6	6
Jordan Springs	2	2	2	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5
Kandos	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
Kangaroo Valley	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Katoomba	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4
Kellyville	2	2	2	2	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5
Kembla Grange	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3
Kemps Creek	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
Kenny Street	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kenthurst	2	3	3	4	4	5	5	6	6	7	7	8	8	8	9	9	10	10	10
Kentlyn	4	4	5	5	6	6	7	7	8	8	8	9	9	10	10	10	11	11	11
Kiama	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	6	7
Kingswood	3	3	4	5	5	6	7	7	8	8	9	9	10	10	11	11	12	12	13
Kurrajong	1	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6
Leabons Lane	1	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6
Lennox	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3
Lithgow	2	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7
Liverpool 11kv	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5
Luddenham	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5
Macquarie Fields	3	4	5	5	6	7	7	7	8	8	9	9	10	10	11	11	11	12	12
Maldon	2	3	4	5	5	6	6	7	7	8	8	9	9	10	11	11	11	12	12
Mamre	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	8	9	9
Marayong	1	2	2	3	3	3	4	4	4	5	5	5	5	6	6	6	7	7	7
Marsden Park	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5
Meadow Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
Minto	5	6	6	7	7	8	8	9	9	9	10	10	11	11	11	12	12	12	12
Mittagong	2	2	3	3	3	4	4	4	4	5	5	5	6	6	6	6	6	7	7
Moorebank	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	5
Moss Vale	2	2	3	3	4	4	4	4	5	5	5	6	6	6	6	7	7	7	7
Mount Ousley	1	1	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	5
Mungerie Park	9	10	11	12	13	14	15	16	16	17	18	19	20	21	21	22	23	23	24

Table A4.10	Total rooftop PV capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	6	7	7	8	9	9	10	11	11	12	13	13	14	15	16	16	17	18	19
Nepean 11kv	4	5	6	7	8	9	9	10	11	12	12	13	14	15	16	17	18	19	20
Newton	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4
North Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Leppington	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3
North Parramatta	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4
North Richmond	1	2	2	2	2	3	3	3	3	3	4	4	4	4	4	5	5	5	5
North Rocks	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4
North Warragamba	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	6	7	7
North Wollongong	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3
Northmead	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	5
Nowra	2	3	3	3	4	4	5	5	5	6	6	6	7	7	7	8	8	8	8
Oakdale	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Oran Park	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	24
Parklea	9	10	11	12	12	13	14	14	15	15	16	17	17	18	19	19	20	20	21
Penrith 11kv	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	4	5	5	5
Plumpton	3	4	4	5	5	5	6	6	7	7	7	8	8	9	9	9	10	10	10
Port Central	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3
Port Kembla	1	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6
Portland	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
Prestons	4	4	5	5	5	6	6	7	7	7	8	8	8	9	9	10	10	10	11
Prospect	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
Quakers Hill	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13
Quarries	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
Ringwood	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
Riverstone	3	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6	7
Robertson	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3
Rooty Hill	4	4	5	5	6	6	7	7	8	8	9	9	9	10	10	11	11	11	12
Rosehill	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Russell Vale	1	2	2	2	3	3	3	4	4	4	4	4	5	5	5	5	6	6	6

Table A4.10	Total rooftop PV capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	2	2	3	3	3	3	4	4	4	5	5	5	6	6	6	6	7	7	7
Schofields	5	5	6	7	8	8	9	9	10	11	11	12	12	13	14	14	15	15	15
Seven Hills	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
Shellharbour	3	4	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	12	13
Sherwood	1	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	5	5	5
Smithfield	3	3	3	4	4	4	5	5	5	5	5	6	6	6	6	7	7	7	7
South Granville	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4
South Leppington	2	3	4	4	5	5	5	6	6	6	7	7	8	8	9	9	9	10	10
South Marsden Park	1	1	1	2	2	2	2	3	3	3	3	4	4	4	5	5	5	5	6
South Nowra	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
South Windsor	3	3	4	4	5	5	5	6	6	6	7	7	8	8	8	9	9	9	9
South Wollongong	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Springwood	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5
St Marys	2	3	3	4	4	4	5	5	6	6	6	7	7	8	8	8	9	9	9
Sussex Inlet	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4
Tahmoor	2	3	4	4	5	6	6	7	7	8	8	9	9	10	11	11	12	12	12
The Oaks	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4
Tomerong	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
Ulladulla	3	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9	9
Unanderra	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
Warilla	2	3	3	4	4	5	5	5	6	6	7	7	7	8	8	8	9	9	9
Wentworth Falls	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Werrington	2	3	3	3	4	4	5	5	5	5	6	6	6	7	7	7	7	8	8
West Castle Hill	2	2	3	3	3	3	4	4	4	5	5	5	5	6	6	6	6	7	7
West Liverpool 11kv	2	3	3	3	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9
West Parramatta	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
West Pennant Hills	2	2	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	6	7
West Wetherill Park 11kv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A4.10	Total rooftop PV capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4
Westmead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wetherill Park	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Whalan	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5
Wilton	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
Windsor	1	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4
Wisemans	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Wombarra	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
Woodpark	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Yatte Yattah	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Yennora	1	1	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4
GRAND TOTAL	**281**	**338**	**389**	**434**	**478**	**517**	**555**	**592**	**629**	**666**	**705**	**744**	**784**	**823**	**859**	**892**	**923**	**954**	**984**

Table A4.11	Total battery capacity by ZSS – AEMO Step Change																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	1	2	4	6	7	9	11	12	15	18	21	24	29	34	38	43	47	50	52
Albion Park	2	2	5	8	10	12	14	16	19	22	25	29	35	40	44	49	52	55	57
Ambarvale	1	2	4	6	7	9	11	12	15	18	21	24	29	34	38	42	46	49	51
Anzac Village	1	1	3	4	6	7	8	10	12	14	17	20	24	28	31	35	38	41	42
Appin	0	1	1	2	3	3	4	5	6	7	8	10	12	14	16	17	19	20	21
Arndell Park	1	1	2	3	4	5	6	7	9	10	12	14	17	19	22	24	26	28	29
Baulkham Hills 11kv	1	2	4	6	8	9	11	12	15	18	21	25	29	34	39	43	47	50	52
Bella Vista	1	2	5	8	10	13	16	18	23	28	33	39	47	54	62	69	75	80	83
Berry	1	1	2	3	4	5	6	7	8	10	12	14	16	19	22	24	26	27	28
Blackheath	0	1	1	2	2	3	3	3	4	5	5	6	7	8	9	9	10	10	11
Blackmans Flat	0	0	1	2	2	3	3	4	5	6	7	8	10	12	14	15	16	17	18
Blaxland	1	1	3	4	5	6	6	7	8	9	10	11	13	15	16	18	19	20	20
Bolong	0	0	0	1	1	1	1	2	2	2	3	3	4	5	5	6	6	7	7
Bomaderry	1	2	4	5	7	9	10	12	14	17	20	23	27	32	35	39	42	44	45
Bonnyrigg	1	2	4	7	9	10	12	14	17	20	23	27	32	38	42	47	50	54	55
Bossley Park	1	1	3	4	5	6	7	8	10	11	13	15	18	20	22	24	26	27	28
Bow Bowing	1	1	2	3	4	5	5	6	8	9	10	12	14	16	18	19	21	22	22
Bowral	1	2	4	6	8	10	12	14	17	20	24	28	33	38	43	48	51	55	56
Bringelly	0	1	2	3	4	5	6	8	10	13	15	19	23	27	32	36	39	42	45
Bulli	1	1	3	5	7	9	11	14	17	21	25	29	36	42	47	53	58	62	64
Bylong	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Cabramatta	1	1	2	3	5	6	7	8	9	11	13	15	18	21	23	26	28	29	31
Cambridge Park	1	2	4	6	8	10	12	14	17	21	24	29	34	40	45	49	53	57	58
Campbelltown	1	2	4	7	9	12	14	16	20	25	29	34	41	49	55	62	68	73	76
Canley Vale	1	2	4	7	9	10	12	13	16	19	22	25	29	34	38	41	45	47	48
Carramar	1	1	2	3	5	6	6	7	9	10	12	13	16	18	20	22	24	25	26
Castle Hill	1	1	4	6	9	11	14	17	22	27	32	39	47	55	63	70	76	81	84
Casula	1	2	4	7	9	11	13	16	19	23	27	32	38	45	50	56	60	64	67
Cattai	0	1	2	3	4	5	6	7	9	11	14	16	19	23	25	28	31	33	34
Cawdor	1	1	3	6	8	10	12	15	19	23	28	34	41	49	57	64	71	77	81
Cheriton Avenue	1	2	4	6	8	10	12	15	19	23	28	33	41	48	55	61	67	71	75

Table A4.11	Total battery capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	1	1	2	3	4	5	6	7	8	10	12	14	16	19	21	24	26	28	29
Claremont Meadows	1	2	4	7	9	12	14	17	21	26	31	38	46	54	62	69	76	82	86
Corrimal	1	2	4	6	7	9	10	12	14	17	20	23	27	31	35	38	41	43	44
Cranebrook	1	1	3	5	6	8	9	11	14	17	20	23	28	33	37	41	44	47	49
Culburra	1	1	2	4	5	6	7	8	10	12	14	16	19	22	25	28	30	32	33
Dapto	2	3	6	9	11	14	16	18	22	26	30	35	42	48	54	60	64	68	70
Darkes Forest	0	0	0	0	0	1	1	1	1	1	2	2	2	3	3	4	4	4	4
Doonside	2	3	7	11	15	18	22	25	31	37	44	51	62	72	81	90	98	105	109
Dundas	1	2	5	8	10	13	15	17	21	25	29	34	41	47	53	59	64	68	70
East Richmond	1	1	2	3	4	5	6	6	7	9	10	12	14	16	17	19	20	21	22
Eastern Creek	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Edmondson Park	0	1	2	3	3	4	5	6	8	10	12	14	17	20	22	25	27	29	30
Emu Plains	1	1	3	4	5	6	7	7	9	10	11	13	15	18	20	21	23	24	25
Fairfield	1	1	2	3	4	5	6	6	7	8	9	10	11	12	14	15	16	16	17
Figtree	1	2	4	6	8	10	11	13	16	19	22	25	30	35	39	43	46	48	49
Gerringong	0	1	1	2	2	3	3	3	4	4	5	6	7	7	8	9	10	10	10
Glenmore Park	1	2	4	7	8	10	12	14	17	20	23	27	32	37	42	46	50	53	54
Glenorie	0	0	1	1	2	2	3	3	4	5	6	7	9	10	12	13	14	15	16
Glossodia	1	1	2	3	5	6	7	8	10	12	15	17	21	24	27	30	32	34	36
Granville	1	1	3	5	6	8	9	10	12	14	16	19	22	25	29	32	34	36	38
Greystanes	1	1	2	3	4	5	6	6	8	9	10	12	14	16	18	20	21	23	23
Hartley Vale	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
Hazelbrook	0	1	2	2	3	4	4	4	5	6	6	7	8	9	10	11	12	13	13
Helensburgh	0	1	1	2	2	3	3	4	5	6	7	8	9	10	12	13	14	14	15
Hinchinbrook	2	3	6	9	11	14	16	19	23	28	32	38	46	53	60	66	72	76	79
Holroyd	1	3	6	9	12	15	18	21	26	31	37	43	52	60	68	76	82	87	91
Homepride	1	1	3	5	6	8	9	11	13	16	18	21	25	29	32	36	38	40	41
Horsley Park	0	0	1	1	1	1	1	1	2	2	2	3	3	3	4	4	4	5	5
Huntingwood	0	0	1	1	1	2	2	2	3	3	4	5	5	6	7	8	8	9	9
Huskisson	1	2	4	6	8	10	12	14	17	20	23	27	33	38	42	46	50	52	54
Ilford Hall	0	0	0	0	0	1	1	1	1	1	1	2	2	2	3	3	3	3	3
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A4.11	Total battery capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	0	0	1	1	1	2	2	2	3	4	4	5	6	7	8	9	10	10	11
Jasper Rd	1	2	4	6	7	9	10	11	13	16	18	21	25	29	32	35	38	41	42
Jordan Springs	1	1	3	4	5	6	7	8	10	12	14	16	19	22	25	28	30	32	33
Kandos	0	1	2	3	4	5	6	7	9	11	13	15	19	22	25	27	30	32	33
Kangaroo Valley	0	0	0	1	1	1	1	2	2	3	3	3	4	5	5	6	7	7	7
Katoomba	1	1	2	4	5	5	6	7	8	9	10	11	13	14	16	17	18	19	20
Kellyville	1	1	2	4	5	6	7	8	10	12	14	17	20	24	27	30	33	36	37
Kembla Grange	0	1	1	2	2	3	4	4	5	6	7	9	11	12	14	15	17	18	19
Kemps Creek	0	0	1	2	2	3	3	4	5	6	7	8	10	12	13	14	16	17	17
Kenny Street	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Kenthurst	1	2	4	6	8	10	13	15	20	24	29	35	42	50	57	63	69	74	77
Kentlyn	2	3	6	8	11	14	17	19	24	28	33	39	46	54	60	66	72	76	78
Kiama	1	1	3	5	6	8	9	10	12	15	17	20	24	28	31	34	37	39	41
Kingswood	1	2	6	9	12	16	19	22	28	34	40	47	56	66	74	82	88	94	96
Kurrajong	1	1	2	4	5	6	8	9	11	14	16	19	23	27	30	33	36	38	40
Leabons Lane	1	1	3	4	6	7	9	10	13	15	18	21	25	30	33	37	40	43	45
Lennox	1	1	3	4	6	7	8	9	11	12	14	16	18	21	23	25	27	28	28
Lithgow	1	1	3	5	6	8	9	10	13	15	17	20	24	27	30	33	36	38	39
Liverpool 11kv	1	2	4	5	7	9	10	11	13	15	17	19	22	25	28	30	31	32	32
Luddenham	0	1	1	2	3	5	6	7	9	12	15	18	22	26	30	34	38	41	44
Macquarie Fields	1	2	5	8	11	14	17	20	24	29	34	40	48	56	62	69	74	78	81
Maldon	1	2	4	7	9	12	15	18	23	28	34	41	49	58	66	74	80	86	89
Mamre	1	2	4	6	8	10	12	14	17	20	23	27	33	38	43	48	52	55	57
Marayong	1	1	3	5	7	9	10	12	15	18	22	26	31	36	41	45	49	52	54
Marsden Park	1	1	2	3	4	5	6	6	7	9	10	12	14	16	18	20	21	23	23
Meadow Flat	0	0	0	0	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3
Minto	2	3	7	10	13	15	18	20	24	29	33	38	45	52	58	63	68	72	74
Mittagong	1	2	3	5	7	9	10	12	14	17	20	23	28	32	36	40	44	46	48
Moorebank	0	1	2	3	4	6	7	8	10	12	14	17	20	23	27	29	32	34	35
Moss Vale	1	2	3	5	7	9	11	12	15	18	21	25	30	34	39	43	46	48	50
Mount Ousley	1	1	3	4	6	7	8	9	11	13	16	18	22	25	28	31	33	35	36
Mungerie Park	3	5	11	16	21	25	30	35	43	52	61	71	86	100	113	125	135	144	149

Table A4.11	Total battery capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	2	4	8	12	16	20	24	28	35	43	51	61	74	88	101	114	126	136	144
Nepean 11kv	2	3	7	10	14	18	23	27	35	43	52	63	78	94	109	124	138	151	161
Newton	1	1	3	4	5	6	7	8	9	11	13	14	17	20	22	24	26	27	28
North Eastern Creek	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
North Leppington	0	0	1	2	2	3	4	5	6	7	9	11	13	16	18	20	22	24	25
North Parramatta	1	2	4	5	7	9	10	11	13	15	17	20	23	27	30	33	36	38	39
North Richmond	1	1	2	3	4	6	7	8	10	12	14	17	20	24	27	29	32	34	35
North Rocks	1	1	2	3	4	5	6	7	8	10	12	13	16	19	21	24	26	28	29
North Warragamba	1	1	2	4	5	7	9	10	13	16	20	24	29	34	39	43	47	51	53
North Wollongong	0	1	2	3	4	5	6	7	8	10	11	13	15	17	19	21	22	23	23
Northmead	1	1	2	4	5	6	7	9	10	12	14	17	20	24	27	30	32	34	36
Nowra	1	2	4	6	8	10	12	13	16	20	23	27	32	37	42	46	50	53	55
Oakdale	0	0	1	1	2	2	2	3	4	5	6	7	9	10	12	13	14	15	16
Oran Park	2	3	7	12	16	21	27	33	43	55	67	82	102	123	144	164	184	202	215
Parklea	3	5	10	14	19	22	26	30	37	44	51	59	71	83	93	103	112	120	124
Penrith 11kv	1	1	3	4	6	8	9	11	13	16	18	21	25	29	32	35	37	39	40
Plumpton	1	2	5	8	10	13	15	17	21	25	29	34	41	47	53	59	64	68	71
Port Central	0	1	1	2	3	4	4	5	6	7	8	9	11	13	14	16	17	18	18
Port Kembla	1	1	3	5	6	8	9	11	13	16	19	22	26	31	35	38	41	44	45
Portland	0	0	1	1	1	2	2	2	3	3	4	4	5	6	7	8	8	9	9
Prestons	1	2	5	7	9	11	13	15	19	23	27	32	38	45	51	57	63	67	71
Prospect	1	1	3	4	5	6	6	7	8	9	10	12	14	16	17	19	21	22	22
Quakers Hill	2	3	6	9	12	15	18	20	25	30	35	42	50	58	66	73	79	85	88
Quarries	0	1	1	2	3	3	4	4	5	6	7	8	10	12	13	14	16	16	17
Ringwood	0	1	1	2	3	4	4	5	6	7	8	10	11	13	15	16	18	19	19
Riverstone	1	1	3	4	6	7	9	10	12	14	17	19	23	27	30	33	35	37	38
Robertson	0	1	1	2	3	3	4	5	6	7	9	10	13	15	17	19	21	22	23
Rooty Hill	1	2	5	8	10	13	15	18	22	27	32	37	45	52	59	66	71	76	79
Rosehill	0	0	1	1	2	2	3	3	4	4	5	6	7	8	9	10	10	11	11
Russell Vale	1	1	3	5	7	8	10	12	14	17	20	23	27	32	36	39	42	44	46

Table A4.11	Total battery capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	1	2	4	6	9	11	12	14	17	20	23	27	32	38	42	47	51	54	56
Schofields	2	3	6	9	13	16	19	22	28	34	40	48	58	67	77	85	93	99	103
Seven Hills	1	1	2	3	4	5	5	6	7	8	9	10	12	14	15	16	18	18	19
Shellharbour	1	2	5	8	11	14	17	20	25	30	35	41	49	57	64	71	76	81	83
Sherwood	1	1	3	5	6	8	9	10	12	14	16	19	22	25	28	31	33	35	36
Smithfield	1	2	4	6	8	10	11	12	15	17	20	23	27	30	34	37	40	42	43
South Granville	1	1	2	4	5	6	7	8	10	12	14	16	19	22	25	28	30	32	33
South Leppington	1	2	4	6	8	10	13	15	19	23	28	33	40	47	54	60	65	70	73
South Marsden Park	0	1	2	3	4	5	6	8	11	13	16	20	24	29	34	38	42	45	48
South Nowra	0	0	1	2	2	2	3	3	4	5	5	6	7	8	9	10	11	11	11
South Windsor	1	2	4	7	9	11	13	15	19	23	27	31	37	43	49	54	58	62	64
South Wollongong	0	1	1	2	3	4	4	5	6	6	7	8	10	11	12	13	14	14	14
Springwood	1	2	3	5	6	7	7	8	10	11	12	14	17	19	21	23	24	26	26
St Marys	1	2	4	7	9	11	14	16	20	24	28	33	40	46	52	58	63	67	69
Sussex Inlet	0	1	2	3	3	4	5	6	7	9	10	12	15	17	19	21	23	25	25
Tahmoor	1	2	4	7	10	12	16	19	24	29	35	42	51	60	68	76	83	88	92
The Oaks	0	1	1	2	3	4	5	6	7	9	11	13	16	19	22	25	28	30	32
Tomerong	1	1	2	3	3	4	4	5	6	7	8	9	10	12	13	14	15	16	16
Ulladulla	1	2	5	8	10	12	15	17	20	24	27	32	38	43	48	53	57	60	62
Unanderra	0	1	1	2	3	3	4	4	5	6	7	8	9	10	12	13	13	14	15
Warilla	1	2	4	7	9	11	13	15	18	21	25	29	35	40	45	50	54	57	59
Wentworth Falls	0	1	1	2	2	3	3	4	5	5	6	7	8	9	11	12	12	13	13
Werrington	1	2	4	7	9	12	13	15	18	22	25	29	34	40	44	49	52	55	57
West Castle Hill	1	1	3	5	7	8	10	12	14	17	20	23	28	33	37	42	45	48	50
West Liverpool 11kv	1	2	4	6	9	11	13	15	19	23	27	31	38	44	50	55	59	63	65
West Parramatta	0	0	1	2	3	3	3	4	4	5	5	6	6	7	8	8	9	9	9
West Pennant Hills	1	1	3	4	6	7	9	10	12	15	18	21	25	29	33	37	41	43	45
West Wetherill Park 11kv	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2

Table A4.11	Total battery capacity by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	1	1	2	3	4	5	6	7	8	10	12	13	16	18	21	23	24	26	27
Westmead	0	0	1	1	2	2	2	2	2	3	3	3	4	4	4	5	5	5	5
Wetherill Park	0	0	1	1	1	2	2	2	2	2	3	3	3	4	4	4	5	5	5
Whalan	1	1	3	5	6	8	9	9	11	13	15	17	20	23	26	28	30	32	33
Wilton	0	0	1	1	1	2	2	2	3	4	4	5	6	7	8	8	9	10	10
Windsor	1	1	2	3	4	5	6	7	9	10	12	14	17	19	21	24	25	27	28
Wisemans	0	0	1	1	1	2	2	2	3	4	4	5	6	7	8	9	9	10	10
Wombarra	0	1	1	2	3	3	4	4	5	6	7	8	10	12	13	14	15	16	17
Woodpark	0	0	0	1	1	1	1	2	2	2	2	3	3	4	4	5	5	5	5
Yatte Yattah	0	0	1	2	2	3	3	4	4	5	6	8	9	11	12	13	15	16	16
Yennora	1	1	2	4	5	6	7	8	10	11	13	15	18	21	23	26	27	29	30
GRAND TOTAL	**123**	**208**	**470**	**721**	**959**	**1187**	**1409**	**1629**	**2009**	**2405**	**2818**	**3301**	**3964**	**4615**	**5216**	**5780**	**6259**	**6667**	**6916**

Table A4.12	Total battery customers by ZSS – AEMO Step Change																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	109	168	348	494	606	711	802	904	1099	1300	1510	1757	2096	2431	2743	3037	3288	3502	3639
Albion Park	151	226	459	638	768	883	981	1089	1302	1515	1731	1982	2333	2666	2963	3231	3446	3619	3701
Ambarvale	99	157	332	477	592	700	796	902	1100	1303	1513	1757	2093	2418	2715	2989	3217	3405	3511
Anzac Village	80	126	263	377	466	551	627	712	869	1033	1202	1400	1672	1937	2182	2410	2602	2763	2857
Appin	29	48	104	155	197	237	280	327	408	493	581	682	818	949	1069	1180	1271	1346	1388
Arndell Park	52	86	185	269	336	399	451	509	618	730	846	981	1167	1348	1513	1666	1793	1898	1957
Baulkham Hills 11kv	97	155	330	477	593	701	793	895	1088	1286	1492	1733	2065	2389	2687	2964	3197	3392	3504
Bella Vista	135	210	439	632	788	939	1089	1257	1556	1869	2194	2572	3084	3582	4042	4470	4828	5128	5303
Berry	52	81	169	243	302	357	410	470	577	687	800	930	1108	1278	1433	1574	1689	1782	1832
Blackheath	34	53	110	153	184	209	225	242	283	321	359	405	471	532	586	633	671	700	711
Blackmans Flat	20	36	82	126	164	202	240	283	356	432	511	602	723	840	947	1045	1126	1193	1230
Blaxland	82	119	236	319	373	418	445	477	552	623	693	777	899	1013	1111	1198	1266	1318	1337
Bolong	11	18	38	57	72	86	101	117	145	174	204	239	285	330	371	408	439	464	477
Bomaderry	100	153	314	443	541	630	708	795	960	1126	1295	1491	1761	2018	2248	2455	2621	2753	2817
Bonnyrigg	115	183	386	553	682	800	897	1007	1215	1428	1646	1900	2253	2592	2901	3184	3417	3609	3712
Bossley Park	83	123	247	340	406	462	506	554	654	752	850	964	1126	1277	1409	1526	1616	1687	1715
Bow Bowing	48	75	156	222	273	318	354	394	473	551	630	720	847	967	1073	1168	1242	1301	1327
Bowral	87	145	316	467	588	703	811	930	1143	1364	1589	1849	2202	2541	2848	3127	3354	3538	3635
Bringelly	35	62	142	221	292	366	444	533	683	847	1021	1224	1496	1770	2031	2282	2504	2698	2830
Bulli	77	134	299	451	582	707	834	975	1219	1477	1746	2056	2474	2883	3262	3615	3913	4164	4315
Bylong	1	3	6	9	11	13	15	18	22	26	31	36	43	49	55	61	65	69	71
Cabramatta	49	85	187	276	348	415	471	534	651	771	895	1039	1237	1428	1603	1764	1898	2008	2069
Cambridge Park	115	175	360	511	627	737	837	949	1156	1369	1586	1839	2185	2519	2821	3097	3324	3509	3607
Campbelltown	97	164	363	541	691	836	966	1113	1379	1657	1950	2293	2762	3227	3663	4077	4435	4744	4942
Canley Vale	110	180	384	550	677	789	871	963	1147	1330	1516	1733	2040	2331	2592	2829	3020	3175	3249
Carramar	51	88	193	283	352	414	460	512	612	713	814	932	1097	1253	1392	1517	1617	1696	1732
Castle Hill	71	137	324	510	676	843	1021	1218	1547	1896	2258	2672	3222	3757	4249	4703	5080	5390	5569
Casula	114	184	392	571	714	850	976	1116	1369	1631	1900	2212	2638	3049	3423	3767	4052	4285	4413
Cattai	45	76	166	247	316	382	451	527	659	796	938	1101	1319	1530	1723	1899	2045	2163	2229
Cawdor	79	136	305	463	603	744	887	1048	1328	1631	1954	2334	2850	3369	3869	4352	4782	5164	5429
Cheriton Avenue	81	136	301	452	582	712	840	986	1238	1506	1787	2114	2556	2992	3400	3784	4114	4395	4572

Table A4.12	Total battery customers by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	55	87	182	260	321	378	424	477	579	683	791	918	1095	1268	1428	1579	1706	1814	1879
Claremont Meadows	98	170	380	575	743	909	1075	1262	1586	1931	2294	2716	3286	3849	4378	4879	5311	5680	5917
Corrimal	91	147	314	452	558	655	732	818	983	1149	1316	1509	1778	2032	2257	2459	2619	2745	2802
Cranebrook	73	118	254	373	471	566	659	763	946	1137	1334	1561	1869	2166	2438	2688	2895	3065	3160
Culburra	62	103	222	323	403	476	539	608	738	871	1007	1165	1381	1589	1777	1948	2088	2201	2260
Dapto	172	260	530	741	899	1042	1167	1305	1571	1839	2112	2428	2865	3282	3654	3991	4262	4479	4585
Darkes Forest	2	5	12	21	29	37	46	57	74	92	111	132	160	187	211	234	253	268	277
Doonside	193	309	656	950	1186	1409	1611	1838	2252	2681	3126	3643	4351	5038	5670	6256	6746	7154	7387
Dundas	118	201	444	655	824	982	1108	1249	1515	1786	2065	2390	2841	3276	3672	4037	4339	4588	4724
East Richmond	51	78	162	229	278	321	352	386	458	527	597	678	793	901	995	1078	1143	1193	1213
Eastern Creek	3	5	9	13	15	18	19	21	25	29	33	38	45	51	56	61	65	68	69
Edmondson Park	42	68	148	219	278	337	398	466	583	706	833	980	1178	1369	1546	1709	1845	1958	2023
Emu Plains	76	114	230	318	380	434	474	519	613	706	799	909	1064	1211	1342	1459	1553	1627	1661
Fairfield	57	90	187	261	312	355	374	397	455	509	562	625	720	808	883	949	1000	1039	1051
Figtree	107	165	343	487	597	697	785	881	1064	1248	1434	1648	1945	2225	2473	2696	2873	3012	3076
Gerringong	34	51	102	140	167	190	204	221	258	293	329	371	432	490	540	586	621	650	662
Glenmore Park	132	196	396	551	668	775	870	976	1180	1387	1599	1846	2189	2518	2817	3091	3316	3501	3600
Glenorie	22	36	75	110	139	167	195	227	283	342	403	474	569	662	749	829	896	952	985
Glossodia	54	90	194	286	361	434	507	588	730	877	1029	1202	1436	1661	1866	2052	2204	2327	2393
Granville	69	118	261	383	479	565	625	692	828	964	1104	1269	1503	1728	1933	2123	2281	2413	2485
Greystanes	56	90	188	268	327	380	417	459	546	632	721	825	973	1115	1244	1363	1460	1541	1584
Hartley Vale	2	3	7	10	12	14	15	16	18	20	23	25	29	33	36	39	41	43	44
Hazelbrook	49	73	147	201	237	267	285	306	354	401	447	501	581	655	719	777	821	855	868
Helensburgh	32	51	106	151	185	216	243	272	328	384	441	507	598	685	761	831	886	930	950
Hinchinbrook	162	245	504	713	875	1026	1159	1308	1590	1878	2175	2523	3002	3467	3892	4285	4611	4883	5035
Holroyd	141	239	523	771	971	1159	1317	1494	1824	2164	2516	2927	3494	4045	4551	5022	5416	5746	5936
Homepride	58	102	231	346	440	526	586	653	785	915	1047	1201	1417	1622	1805	1969	2100	2205	2253
Horsley Park	18	25	48	63	74	82	88	94	110	124	138	155	180	203	223	240	254	264	268
Huntingwood	16	24	50	72	90	106	122	139	170	201	233	270	321	368	411	450	480	505	516
Huskisson	103	159	330	470	578	678	768	868	1054	1243	1434	1654	1956	2243	2499	2729	2911	3056	3125
Ilford Hall	4	7	15	23	30	36	43	50	62	75	88	103	123	143	160	176	188	198	203
Inner Harbour	0	0	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3

Table A4.12	Total battery customers by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	16	27	58	85	107	129	151	176	219	264	311	364	437	507	571	630	680	720	744
Jasper Rd	99	156	327	465	570	664	732	807	961	1115	1272	1458	1722	1976	2207	2421	2597	2744	2823
Jordan Springs	74	113	231	326	399	466	526	593	719	848	980	1134	1345	1549	1734	1903	2042	2156	2217
Kandos	30	58	136	213	281	350	423	504	638	779	925	1090	1310	1522	1715	1891	2035	2152	2216
Kangaroo Valley	12	20	43	62	78	93	107	123	151	180	210	244	291	335	376	413	444	469	482
Katoomba	66	102	211	292	349	396	421	449	518	583	648	725	838	943	1034	1115	1177	1225	1242
Kellyville	64	101	213	307	383	456	527	605	747	896	1051	1231	1477	1718	1942	2152	2329	2479	2570
Kembla Grange	32	51	108	156	195	233	269	309	382	457	535	626	748	868	977	1079	1164	1235	1276
Kemps Creek	26	43	91	133	166	199	229	263	324	388	453	529	632	732	824	908	978	1035	1068
Kenny Street	13	21	45	62	73	80	79	77	81	83	85	87	94	99	102	103	103	102	98
Kenthurst	84	139	307	462	597	734	881	1047	1327	1626	1939	2300	2782	3255	3695	4106	4454	4746	4925
Kentlyn	149	232	487	697	863	1017	1156	1309	1594	1884	2181	2524	2995	3446	3852	4222	4523	4766	4891
Kiama	84	131	274	391	482	565	637	717	869	1024	1182	1366	1621	1865	2086	2289	2455	2591	2663
Kingswood	129	216	474	705	896	1080	1248	1436	1773	2119	2474	2883	3439	3974	4458	4899	5258	5550	5703
Kurrajong	60	99	213	314	397	478	560	651	810	975	1145	1341	1604	1857	2087	2298	2472	2612	2689
Leabons Lane	67	114	252	374	475	571	657	753	927	1107	1295	1512	1810	2099	2366	2613	2821	2994	3094
Lennox	54	95	212	313	390	456	485	518	597	670	740	823	950	1066	1163	1247	1308	1353	1361
Lithgow	82	131	276	396	488	571	642	719	868	1017	1169	1344	1586	1816	2020	2205	2352	2469	2524
Liverpool 11kv	92	139	285	395	471	532	552	574	645	704	758	822	928	1020	1091	1146	1179	1198	1182
Luddenham	29	54	128	203	273	346	430	525	681	853	1037	1252	1537	1824	2100	2365	2601	2807	2951
Macquarie Fields	138	220	465	673	839	996	1141	1302	1594	1893	2198	2548	3027	3485	3895	4268	4568	4810	4931
Maldon	96	164	364	551	715	879	1057	1256	1592	1949	2322	2750	3320	3878	4395	4876	5280	5618	5820
Mamre	115	177	367	522	643	756	860	977	1193	1415	1645	1911	2278	2631	2955	3254	3502	3708	3823
Marayong	71	121	271	404	516	624	726	839	1039	1248	1465	1715	2055	2385	2688	2967	3200	3393	3503
Marsden Park	78	110	213	286	337	382	422	467	557	647	739	848	999	1144	1275	1395	1493	1573	1615
Meadow Flat	6	10	21	31	38	45	52	59	72	85	99	115	136	156	174	191	204	214	219
Minto	192	290	589	822	994	1147	1272	1411	1686	1961	2238	2562	3015	3444	3827	4174	4451	4673	4778
Mittagong	89	141	297	427	529	625	709	804	980	1161	1347	1563	1861	2148	2411	2652	2851	3016	3107
Moorebank	46	78	171	254	324	391	453	522	646	775	909	1063	1274	1478	1666	1839	1983	2102	2170
Moss Vale	86	137	291	421	525	622	712	811	993	1178	1367	1585	1881	2165	2419	2648	2833	2981	3054
Mount Ousley	66	109	234	341	425	502	567	639	775	911	1049	1209	1429	1638	1824	1991	2125	2231	2281
Mungerie Park	307	458	930	1305	1596	1869	2128	2420	2958	3512	4085	4751	5664	6548	7357	8104	8724	9238	9528

Table A4.12	Total battery customers by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	212	322	669	960	1199	1433	1642	1883	2326	2795	3295	3889	4714	5546	6344	7117	7807	8424	8850
Nepean 11kv	165	266	576	858	1103	1354	1611	1908	2424	2989	3600	4325	5310	6316	7300	8265	9142	9934	10512
Newton	68	106	219	308	375	435	478	526	624	723	822	940	1107	1266	1410	1542	1649	1737	1782
North Eastern Creek	2	3	7	10	12	14	16	18	22	25	29	34	40	46	51	55	59	61	63
North Leppington	20	37	88	138	183	230	280	337	431	533	640	765	931	1096	1252	1400	1528	1638	1709
North Parramatta	80	138	306	447	558	655	712	775	911	1044	1179	1339	1572	1796	1997	2182	2334	2460	2524
North Richmond	51	83	180	265	336	404	473	549	682	821	963	1126	1346	1557	1749	1923	2066	2181	2243
North Rocks	52	84	182	264	330	391	443	500	609	721	837	973	1162	1346	1516	1675	1809	1922	1989
North Warragamba	54	94	212	325	423	523	631	752	955	1172	1399	1661	2010	2352	2672	2970	3224	3437	3569
North Wollongong	43	74	164	238	294	343	374	408	481	551	619	698	812	918	1007	1085	1143	1186	1198
Northmead	60	100	219	322	404	481	544	613	745	880	1020	1184	1411	1632	1836	2026	2185	2319	2396
Nowra	91	150	324	474	595	708	811	925	1133	1346	1563	1814	2157	2485	2781	3049	3267	3443	3534
Oakdale	13	24	57	89	118	148	181	218	279	344	412	490	594	697	792	880	956	1019	1057
Oran Park	163	285	650	1007	1335	1680	2056	2488	3218	4029	4913	5960	7368	8813	10237	11639	12922	14084	14947
Parklea	296	431	861	1193	1443	1669	1877	2111	2558	3017	3491	4046	4815	5562	6249	6888	7424	7874	8135
Penrith 11kv	52	91	206	313	402	477	537	604	732	859	987	1135	1339	1533	1703	1855	1973	2066	2106
Plumpton	136	217	459	660	818	965	1088	1226	1486	1752	2025	2343	2785	3211	3599	3957	4254	4499	4633
Port Central	28	48	105	155	195	231	260	293	355	416	478	550	648	741	823	896	953	997	1016
Port Kembla	66	113	250	372	472	567	653	749	920	1097	1278	1486	1769	2040	2284	2507	2688	2834	2909
Portland	18	28	59	83	102	120	136	154	187	221	256	296	351	402	449	491	524	551	564
Prestons	130	196	402	570	704	832	955	1093	1346	1611	1889	2215	2662	3102	3515	3905	4240	4528	4710
Prospect	69	106	220	307	369	423	453	487	566	643	720	813	949	1078	1194	1300	1387	1458	1493
Quakers Hill	161	253	533	767	954	1130	1291	1472	1803	2146	2500	2912	3478	4026	4529	4996	5385	5710	5895
Quarries	34	53	113	162	200	235	264	297	359	422	487	562	668	769	861	946	1017	1075	1106
Ringwood	39	61	127	182	224	263	298	337	409	483	558	645	764	878	981	1074	1149	1209	1240
Riverstone	87	124	244	333	399	457	509	568	682	795	909	1041	1225	1399	1553	1689	1796	1881	1918
Robertson	28	47	105	157	202	246	292	343	430	523	620	732	883	1030	1166	1293	1401	1491	1545
Rooty Hill	137	214	448	644	802	952	1096	1257	1547	1849	2161	2524	3018	3497	3937	4345	4684	4967	5128
Rosehill	18	32	72	107	136	161	177	196	234	272	310	355	418	479	534	584	624	658	674
Russell Vale	81	134	289	422	527	625	711	805	980	1158	1338	1546	1831	2101	2343	2561	2736	2874	2941

Table A4.12	Total battery customers by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	96	162	353	517	648	768	860	963	1162	1364	1573	1817	2158	2488	2790	3069	3301	3495	3602
Schofields	170	265	557	805	1007	1202	1401	1623	2015	2426	2854	3350	4020	4674	5278	5840	6311	6705	6938
Seven Hills	54	82	167	231	277	316	338	363	421	476	530	595	691	781	859	929	984	1027	1044
Shellharbour	138	222	474	689	863	1028	1180	1349	1656	1971	2293	2666	3174	3662	4104	4508	4837	5104	5245
Sherwood	78	126	268	383	471	547	597	654	774	891	1010	1149	1347	1535	1702	1852	1972	2068	2112
Smithfield	118	181	372	521	630	726	797	876	1039	1199	1359	1547	1811	2059	2278	2474	2627	2748	2799
South Granville	55	95	210	309	389	462	523	590	717	847	982	1139	1357	1567	1760	1939	2088	2212	2283
South Leppington	98	158	339	499	635	768	909	1066	1337	1624	1923	2268	2732	3186	3607	4000	4332	4611	4781
South Marsden Park	32	59	138	218	292	371	460	561	727	910	1105	1331	1632	1935	2225	2503	2748	2962	3109
South Nowra	26	40	81	115	139	162	179	199	239	278	317	362	425	485	537	584	621	649	662
South Windsor	105	169	361	524	656	780	898	1029	1265	1509	1760	2048	2442	2820	3163	3477	3734	3944	4056
South Wollongong	32	54	117	169	208	241	259	280	326	369	411	461	533	599	654	702	737	762	767
Springwood	94	140	279	381	451	509	548	593	692	788	884	997	1160	1313	1446	1565	1658	1731	1760
St Marys	100	167	364	538	681	817	941	1079	1327	1584	1848	2153	2570	2972	3338	3674	3951	4178	4302
Sussex Inlet	39	65	142	210	265	318	367	422	520	622	727	849	1015	1175	1322	1457	1569	1662	1713
Tahmoor	99	171	384	584	758	932	1116	1321	1669	2038	2422	2865	3456	4034	4568	5065	5483	5832	6039
The Oaks	32	54	120	181	236	292	351	417	531	656	789	946	1157	1370	1576	1776	1954	2112	2224
Tomerong	56	83	166	228	271	307	333	361	423	484	545	616	720	817	902	980	1041	1090	1111
Ulladulla	137	213	444	629	769	896	999	1114	1338	1563	1790	2053	2420	2767	3076	3354	3576	3752	3835
Unanderra	31	49	103	147	181	211	235	262	315	368	421	482	567	648	719	782	833	872	889
Warilla	105	173	371	539	674	799	908	1030	1255	1485	1721	1994	2370	2730	3056	3354	3597	3796	3900
Wentworth Falls	35	55	113	159	192	221	242	266	316	364	414	472	555	633	703	767	818	859	879
Werrington	98	162	352	519	654	782	874	977	1177	1377	1582	1820	2151	2468	2752	3010	3220	3389	3474
West Castle Hill	81	131	282	411	515	615	707	809	996	1190	1392	1627	1950	2264	2555	2827	3056	3249	3363
West Liverpool 11kv	95	157	339	499	630	753	860	981	1201	1428	1660	1930	2300	2657	2982	3279	3524	3725	3833
West Parramatta	22	38	84	122	150	173	178	185	207	226	243	264	299	330	355	376	390	400	398
West Pennant Hills	80	124	260	374	465	552	633	724	891	1064	1244	1454	1741	2021	2281	2522	2726	2897	2998
West Wetherill Park 11kv	12	18	35	47	54	59	59	58	63	66	69	72	79	85	89	91	93	93	91

Table A4.12	Total battery customers by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	53	88	191	279	347	410	461	518	625	734	844	972	1149	1317	1468	1605	1714	1802	1845
Westmead	18	32	71	103	126	145	148	152	168	181	193	208	235	259	278	295	306	315	315
Wetherill Park	17	25	51	69	81	91	95	100	114	126	138	152	174	193	209	222	231	238	238
Whalan	84	132	275	389	474	548	598	654	771	887	1003	1141	1338	1526	1693	1846	1969	2070	2118
Wilton	20	31	64	91	112	132	151	172	212	252	294	342	408	472	530	584	628	665	685
Windsor	54	86	183	266	326	381	430	486	589	695	802	927	1098	1261	1407	1540	1647	1734	1777
Wisemans	14	23	52	78	97	116	135	155	191	228	265	308	367	422	472	517	552	581	594
Wombarra	34	55	115	165	204	240	272	307	373	439	507	585	692	794	886	969	1035	1089	1115
Woodpark	9	15	31	44	55	64	72	81	98	114	132	152	179	205	229	250	267	280	287
Yatte Yattah	23	39	87	129	164	198	230	266	330	396	465	546	654	761	859	950	1026	1090	1128
Yennora	58	95	206	298	371	438	494	556	672	791	911	1049	1241	1423	1586	1734	1852	1947	1993
GRAND TOTAL	**11970**	**19153**	**40719**	**58944**	**73474**	**87128**	**99296**	**112920**	**138063**	**163986**	**190759**	**221902**	**264686**	**306148**	**344159**	**379331**	**408641**	**433036**	**446915**

Table A4.13	Total rooftop PV capacity by ZSS – AEMO Net Zero 2050																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	14087	15762	16997	18162	19380	20594	21797	22929	23872	24747	25824	26900	27969	29026	29999	30907	31802	32693	33577
Albion Park	21348	23694	25356	26888	28402	29878	31312	32592	33565	34392	35474	36533	37581	38593	39462	40231	40965	41695	42397
Ambarvale	12303	14115	15495	16792	18109	19411	20690	21891	22902	23838	24953	26049	27120	28162	29106	29970	30807	31625	32421
Anzac Village	10601	12006	13067	14069	15103	16131	17149	18108	18916	19669	20577	21477	22363	23233	24028	24764	25482	26189	26883
Appin	4008	4836	5503	6131	6719	7300	7868	8405	8867	9301	9800	10286	10754	11207	11618	11992	12351	12698	13033
Arndell Park	5831	6787	7536	8246	8961	9672	10373	11037	11609	12148	12779	13400	14005	14596	15137	15636	16120	16593	17054
Baulkham Hills 11kv	11429	13115	14417	15649	16906	18159	19398	20572	21576	22521	23643	24753	25841	26908	27889	28798	29685	30555	31409
Bella Vista	19942	22802	24992	27059	29170	31269	33341	35296	36954	38503	40350	42174	43961	45711	47309	48783	50217	51625	53001
Berry	7247	8338	9173	9953	10730	11494	12241	12936	13515	14043	14672	15286	15882	16458	16972	17437	17883	18317	18735
Blackheath	3743	4151	4438	4702	4978	5246	5506	5742	5922	6077	6275	6468	6657	6839	6995	7132	7262	7390	7513
Blackmans Flat	2249	2947	3532	4087	4620	5149	5666	6159	6598	7017	7483	7934	8364	8779	9158	9504	9835	10152	10457
Blaxland	10833	11668	12187	12652	13151	13631	14092	14492	14752	14938	15237	15531	15832	16121	16350	16544	16726	16915	17095
Bolong	1362	1637	1858	2065	2270	2471	2669	2855	3015	3165	3337	3504	3665	3820	3960	4087	4209	4326	4439
Bomaderry	13723	15469	16754	17946	19167	20364	21529	22603	23467	24236	25179	26100	26998	27864	28625	29307	29957	30595	31208
Bonnyrigg	13540	15496	16988	18378	19793	21192	22566	23854	24934	25931	27122	28293	29437	30551	31557	32478	33369	34242	35091
Bossley Park	11583	12705	13465	14157	14893	15606	16294	16909	17361	17732	18231	18718	19199	19661	20048	20384	20701	21017	21319
Bow Bowing	6113	6930	7538	8103	8678	9243	9793	10301	10715	11085	11536	11975	12402	12815	13179	13505	13817	14122	14416
Bowral	10511	12691	14444	16093	17670	19227	20749	22182	23418	24574	25899	27188	28427	29622	30702	31683	32623	33529	34400
Bringelly	4411	5652	6712	7742	8761	9799	10845	11873	12832	13792	14878	15967	17036	18103	19134	20122	21109	22081	23054
Bulli	9255	11572	13489	15311	17092	18815	20513	22136	23579	24965	26535	28075	29564	31017	32364	33613	34829	36010	37165
Bylong	130	170	204	235	265	295	324	352	376	400	425	450	474	496	517	535	553	570	586
Cabramatta	4802	5846	6696	7503	8297	9087	9865	10606	11258	11880	12588	13281	13950	14601	15200	15751	16285	16801	17303
Cambridge Park	16564	18690	20270	21746	23265	24764	26234	27603	28727	29748	30993	32216	33416	34583	35628	36578	37496	38398	39273
Campbelltown	10857	13054	14849	16569	18290	20024	21754	23427	24933	26404	28097	29786	31443	33087	34646	36123	37589	39032	40469
Canley Vale	11281	13021	14358	15609	16868	18108	19320	20451	21398	22267	23296	24299	25273	26215	27059	27823	28557	29271	29960
Carramar	4264	5222	5998	6727	7437	8135	8816	9457	10010	10528	11115	11682	12224	12745	13213	13635	14038	14423	14792
Castle Hill	7742	10855	13527	16070	18504	20926	23307	25594	27669	29680	31889	34036	36083	38063	39894	41579	43199	44749	46245
Casula	14390	16789	18667	20435	22207	23962	25684	27307	28692	29984	31496	32977	34414	35809	37075	38233	39349	40436	41489
Cattai	5967	7252	8293	9273	10235	11186	12118	12999	13765	14487	15310	16110	16878	17621	18296	18911	19501	20070	20619
Cawdor	9638	11781	13573	15315	17065	18849	20651	22422	24061	25700	27580	29475	31346	33223	35040	36789	38543	40280	42028
Cheriton Avenue	10566	12854	14739	16547	18348	20162	21971	23722	25302	26845	28610	30364	32077	33770	35369	36876	38362	39817	41257

Table A4.13	Total rooftop PV capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	7041	7906	8550	9160	9796	10433	11065	11663	12167	12639	13215	13791	14363	14929	15453	15942	16425	16905	17380
Claremont Meadows	11538	14282	16563	18749	20908	23077	25235	27319	29202	31039	33124	35189	37197	39175	41038	42788	44508	46188	47845
Corrimal	10172	11881	13207	14442	15671	16875	18046	19135	20045	20876	21849	22790	23696	24566	25337	26028	26685	27320	27926
Cranebrook	9772	11564	12988	14331	15667	16991	18292	19522	20583	21581	22735	23864	24956	26016	26982	27865	28718	29545	30346
Culburra	6695	7923	8895	9807	10712	11605	12477	13297	13998	14650	15404	16138	16845	17528	18143	18701	19235	19752	20249
Dapto	23844	26596	28574	30400	32293	34143	35940	37583	38873	39999	41414	42795	44149	45455	46588	47596	48558	49504	50412
Darkes Forest	280	448	595	734	866	997	1126	1250	1364	1474	1594	1710	1820	1926	2024	2114	2201	2283	2362
Doonside	24313	28061	30968	33714	36496	39260	41986	44561	46759	48818	51250	53645	55982	58265	60350	62269	64132	65954	67731
Dundas	11070	13442	15373	17206	19014	20813	22585	24275	25763	27183	28802	30389	31922	33414	34788	36054	37281	38469	39624
East Richmond	6208	7001	7585	8125	8679	9222	9750	10236	10628	10977	11405	11822	12229	12622	12968	13277	13572	13862	14140
Eastern Creek	716	765	794	820	850	880	908	933	949	961	981	1000	1021	1041	1057	1072	1086	1100	1114
Edmondson Park	5807	6908	7788	8619	9444	10262	11067	11828	12489	13111	13829	14531	15210	15869	16471	17022	17555	18070	18571
Emu Plains	9688	10636	11286	11882	12518	13136	13737	14281	14690	15035	15492	15940	16384	16814	17182	17508	17819	18129	18428
Fairfield	5521	6100	6503	6873	7263	7641	8008	8340	8593	8808	9088	9360	9629	9888	10110	10305	10491	10676	10853
Figtree	14123	16099	17579	18950	20337	21691	23007	24218	25201	26078	27136	28162	29156	30110	30945	31689	32394	33081	33736
Gerringong	4347	4719	4964	5186	5430	5668	5899	6106	6256	6379	6550	6719	6889	7055	7195	7319	7438	7558	7674
Glenmore Park	19194	21188	22592	23893	25273	26628	27956	29175	30132	30972	32049	33114	34169	35198	36105	36924	37717	38504	39270
Glenorie	3214	3745	4162	4557	4955	5353	5746	6119	6442	6748	7105	7459	7803	8141	8451	8739	9019	9293	9560
Glossodia	7116	8526	9651	10707	11745	12768	13767	14704	15508	16257	17116	17949	18748	19518	20210	20836	21433	22009	22561
Granville	5406	6544	7473	8360	9241	10124	10998	11838	12586	13308	14133	14948	15739	16516	17240	17915	18574	19216	19846
Greystanes	6104	6868	7436	7970	8521	9068	9607	10110	10527	10909	11376	11838	12293	12739	13143	13514	13876	14233	14583
Hartley Vale	222	247	265	281	298	315	331	345	356	366	378	390	402	413	422	431	439	447	454
Hazelbrook	5992	6501	6831	7128	7454	7769	8072	8340	8528	8675	8886	9092	9300	9499	9663	9804	9938	10073	10202
Helensburgh	4065	4652	5094	5505	5919	6325	6718	7082	7378	7645	7964	8274	8574	8861	9114	9340	9554	9762	9962
Hinchinbrook	22552	25214	27165	28995	30908	32805	34676	36425	37863	39178	40803	42414	44008	45572	46988	48292	49564	50823	52059
Holroyd	14728	17707	20124	22425	24711	26995	29255	31418	33330	35165	37270	39344	41358	43330	45160	46861	48518	50132	51712
Homepride	4343	5565	6592	7571	8527	9484	10432	11345	12170	12972	13872	14755	15606	16437	17213	17934	18635	19313	19975
Horsley Park	2868	3045	3143	3229	3333	3433	3529	3611	3658	3688	3746	3804	3866	3926	3973	4012	4050	4090	4130
Huntingwood	2264	2586	2829	3055	3293	3526	3754	3967	4143	4304	4495	4682	4863	5038	5194	5336	5471	5602	5729
Huskisson	14467	16549	18122	19584	21063	22513	23926	25236	26313	27286	28452	29587	30688	31749	32688	33531	34336	35120	35872
Ilford Hall	456	586	694	795	893	989	1082	1171	1248	1321	1403	1482	1556	1628	1693	1751	1807	1860	1911
Inner Harbour	47	49	50	51	52	53	54	55	55	55	55	56	56	57	57	57	57	57	57

Table A4.13	Total rooftop PV capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	2243	2654	2981	3290	3591	3889	4181	4457	4694	4915	5172	5423	5666	5902	6115	6310	6498	6680	6856
Jasper Rd	10867	12176	13143	14054	15004	15949	16884	17760	18488	19159	19982	20800	21609	22404	23128	23797	24451	25097	25732
Jordan Springs	10119	11330	12214	13038	13893	14734	15557	16319	16935	17487	18170	18842	19502	20143	20713	21230	21727	22217	22693
Kandos	3330	4647	5768	6828	7837	8833	9805	10731	11560	12353	13223	14061	14854	15615	16309	16940	17540	18111	18656
Kangaroo Valley	1512	1792	2014	2223	2423	2620	2812	2993	3147	3290	3455	3616	3772	3922	4057	4179	4296	4409	4518
Katoomba	6814	7522	8015	8468	8945	9409	9860	10268	10580	10845	11190	11526	11859	12180	12455	12698	12930	13160	13380
Kellyville	8628	9871	10828	11734	12661	13586	14501	15369	16110	16807	17637	18460	19267	20060	20790	21465	22126	22775	23412
Kembla Grange	4237	4918	5447	5944	6444	6938	7423	7879	8266	8627	9051	9468	9874	10269	10628	10957	11277	11590	11895
Kemps Creek	3593	4189	4654	5088	5526	5962	6391	6797	7146	7474	7859	8237	8606	8967	9297	9601	9896	10185	10466
Kenny Street	724	757	771	782	798	813	826	837	839	836	840	844	850	855	857	858	859	860	862
Kenthurst	12250	14879	17030	19081	21113	23147	25161	27094	28813	30470	32362	34225	36033	37803	39449	40980	42472	43922	45340
Kentlyn	19984	22897	25113	27184	29281	31347	33367	35251	36818	38251	39961	41632	43258	44832	46240	47515	48740	49935	51089
Kiama	10749	12216	13321	14354	15410	16451	17472	18425	19214	19934	20802	21654	22486	23295	24020	24679	25314	25936	26538
Kingswood	15446	18829	21581	24184	26745	29290	31793	34173	36265	38254	40519	42731	44864	46935	48833	50577	52260	53886	55462
Kurrajong	8035	9609	10864	12043	13204	14348	15464	16514	17414	18252	19215	20149	21047	21912	22690	23395	24068	24717	25340
Leabons Lane	7193	8707	9940	11114	12275	13434	14578	15672	16639	17565	18622	19662	20668	21650	22557	23397	24212	25004	25775
Lennox	2513	3260	3889	4487	5069	5651	6226	6780	7281	7768	8312	8845	9359	9860	10328	10762	11184	11592	11989
Lithgow	9840	11369	12539	13627	14717	15785	16822	17784	18579	19299	20152	20978	21775	22541	23217	23822	24397	24954	25486
Liverpool 11kv	10415	11383	12036	12634	13281	13915	14536	15099	15525	15889	16375	16857	17339	17809	18219	18586	18942	19299	19646
Luddenham	3820	5120	6235	7307	8360	9430	10505	11564	12553	13546	14658	15770	16856	17938	18981	19978	20971	21945	22918
Macquarie Fields	18503	21706	24084	26307	28530	30718	32855	34853	36534	38082	39898	41665	43374	45023	46499	47833	49110	50349	51540
Maldon	13689	17054	19678	22172	24623	27065	29473	31775	33817	35775	37996	40173	42274	44322	46214	47964	49660	51303	52902
Mamre	16244	18321	19867	21315	22790	24248	25680	27015	28114	29115	30338	31544	32728	33883	34920	35868	36785	37688	38567
Marayong	8049	9987	11589	13017	14426	15830	17217	18544	19719	20847	22129	23387	24604	25790	26886	27900	28883	29836	30764
Marsden Park	11950	12872	13446	13959	14539	15102	15649	16134	16468	16728	17120	17509	17906	18294	18619	18905	19181	19463	19739
Meadow Flat	780	922	1033	1133	1232	1328	1423	1510	1584	1651	1729	1805	1877	1947	2009	2065	2117	2168	2217
Minto	26142	28933	30900	32712	34616	36477	38288	39938	41216	42321	43738	45126	46496	47820	48968	49990	50968	51936	52868
Mittagong	11590	13288	14590	15814	17039	18252	19446	20567	21510	22383	23426	24452	25454	26431	27317	28128	28914	29684	30433
Moorebank	5590	6736	7667	8553	9433	10312	11183	12016	12753	13461	14272	15071	15846	16604	17307	17960	18596	19214	19819
Moss Vale	11524	13422	14894	16270	17645	18998	20318	21552	22589	23542	24661	25749	26800	27813	28720	29538	30321	31079	31808
Mount Ousley	7328	8715	9812	10837	11847	12839	13804	14706	15472	16179	16994	17783	18539	19265	19913	20496	21049	21583	22093
Mungerie Park	46411	51698	55529	59108	62861	66570	70220	73612	76362	78846	81944	85011	88044	91012	93677	96113	98482	100826	103118

Table A4.13	Total rooftop PV capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	30383	33761	36273	38702	41317	43988	46707	49348	51668	53938	56738	59614	62528	65492	68357	71138	73967	76824	79735
Nepean 11kv	23975	27893	31069	34182	37316	40542	43837	47094	50093	53112	56673	60317	63972	67686	71321	74866	78468	82077	85752
Newton	8674	9609	10276	10897	11553	12199	12835	13423	13892	14310	14840	15364	15884	16392	16845	17257	17657	18054	18442
North Eastern Creek	516	561	592	619	649	679	707	733	752	769	791	813	835	856	875	892	908	924	940
North Leppington	2207	3020	3723	4387	5033	5684	6334	6968	7554	8135	8781	9419	10038	10647	11224	11769	12304	12824	13337
North Parramatta	5603	6646	7486	8288	9113	9942	10765	11555	12257	12935	13715	14488	15241	15982	16673	17319	17952	18570	19177
North Richmond	6914	8270	9352	10367	11368	12355	13319	14227	15006	15733	16568	17379	18159	18911	19589	20204	20792	21359	21905
North Rocks	5704	6614	7328	8007	8696	9385	10068	10719	11284	11822	12454	13080	13694	14297	14855	15375	15884	16382	16872
North Warragamba	7313	9192	10756	12247	13694	15139	16566	17937	19164	20349	21686	22998	24264	25501	26650	27716	28753	29758	30738
North Wollongong	3593	4570	5372	6003	6617	7220	7806	8356	8826	9263	9760	10238	10695	11133	11523	11874	12207	12525	12829
Northmead	5963	7077	7974	8828	9684	10541	11392	12206	12924	13614	14411	15200	15968	16722	17424	18077	18717	19341	19953
Nowra	10779	12827	14456	15984	17496	18988	20446	21817	22993	24089	25353	26582	27765	28907	29937	30871	31766	32631	33462
Oakdale	1660	2218	2693	3147	3587	4026	4461	4880	5262	5634	6047	6452	6841	7220	7575	7904	8224	8533	8834
Oran Park	21139	26257	30640	34970	39345	43869	48497	53125	57520	62017	67168	72418	77643	82944	88169	93272	98449	103606	108846
Parklea	45091	49457	52480	55293	58326	61203	64038	66646	68673	70452	72801	75149	77508	79834	81911	83815	85683	87561	89413
Penrith 11kv	5049	6550	7806	8996	10148	11141	12116	13043	13859	14635	15514	16372	17197	17997	18729	19401	20047	20671	21274
Plumpton	16534	18936	20777	22510	24276	26028	27753	29378	30752	32029	33552	35051	36517	37949	39251	40448	41608	42745	43854
Port Central	2925	3587	4124	4627	5118	5603	6075	6520	6906	7268	7679	8076	8456	8822	9152	9451	9736	10010	10273
Port Kembla	7203	8901	10287	11593	12867	14125	15355	16519	17535	18495	19579	20631	21639	22610	23491	24292	25059	25796	26503
Portland	2632	2990	3256	3502	3753	3997	4234	4453	4629	4786	4977	5161	5341	5513	5664	5797	5925	6049	6167
Prestons	18787	20976	22589	24115	25745	27374	28996	30530	31820	33027	34511	35998	37479	38948	40309	41584	42847	44104	45353
Prospect	7411	8079	8530	8949	9413	9871	10323	10737	11058	11339	11712	12084	12459	12828	13157	13459	13754	14052	14345
Quakers Hill	21144	24199	26539	28745	30994	33226	35425	37497	39250	40882	42827	44744	46619	48452	50120	51654	53143	54603	56027
Quarries	4055	4622	5053	5460	5875	6288	6695	7078	7400	7700	8060	8414	8762	9102	9412	9697	9974	10246	10512
Ringwood	5151	5882	6435	6950	7471	7984	8484	8948	9330	9676	10091	10496	10889	11269	11606	11909	12199	12482	12755
Riverstone	14475	15876	16834	17713	18656	19577	20476	21293	21914	22444	23146	23837	24526	25196	25777	26297	26798	27298	27783
Robertson	3634	4430	5081	5700	6312	6923	7526	8103	8615	9106	9665	10215	10746	11265	11746	12191	12623	13042	13451
Rooty Hill	19418	22189	24305	26296	28328	30343	32328	34195	35769	37230	38976	40695	42378	44020	45512	46882	48212	49514	50784
Rosehill	1254	1580	1853	2113	2369	2625	2879	3124	3345	3559	3801	4040	4270	4496	4707	4903	5095	5281	5463
Russell Vale	9223	11015	12438	13768	15076	16362	17613	18784	19780	20702	21762	22787	23770	24714	25556	26315	27036	27730	28394

Table A4.13	Total rooftop PV capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	9546	11284	12676	14000	15327	16653	17967	19222	20323	21376	22596	23801	24974	26125	27191	28182	29150	30094	31018
Schofields	24635	28308	31137	33807	36519	39213	41867	44371	46497	48483	50838	53159	55427	57642	59661	61519	63323	65088	66810
Seven Hills	6958	7555	7949	8310	8707	9096	9477	9821	10076	10290	10585	10879	11174	11464	11715	11940	12159	12379	12595
Shellharbour	17803	20852	23244	25491	27737	29956	32132	34179	35924	37550	39447	41299	43093	44831	46403	47836	49214	50552	51845
Sherwood	7744	8952	9884	10759	11641	12515	13372	14179	14862	15497	16248	16985	17703	18403	19038	19621	20185	20738	21275
Smithfield	14265	15906	17080	18159	19309	20428	21513	22501	23275	23947	24788	25605	26404	27170	27831	28414	28967	29510	30029
South Granville	5099	6208	7115	7976	8826	9673	10510	11309	12015	12693	13464	14222	14955	15671	16333	16945	17541	18118	18682
South Leppington	14317	16890	18933	20867	22800	24722	26618	28419	29983	31466	33189	34885	36535	38149	39637	41015	42357	43669	44954
South Marsden Park	4404	5821	7031	8196	9341	10505	11675	12825	13898	14972	16178	17384	18563	19737	20867	21947	23022	24077	25130
South Nowra	3478	3900	4206	4488	4780	5065	5342	5597	5798	5976	6197	6413	6623	6826	7003	7161	7312	7460	7602
South Windsor	14284	16691	18557	20292	22029	23744	25424	27001	28338	29577	31030	32448	33821	35152	36352	37443	38493	39512	40497
South Wollongong	2564	3072	3474	3849	4216	4576	4926	5252	5529	5784	6077	6359	6629	6888	7118	7324	7519	7706	7884
Springwood	12260	13309	13991	14608	15281	15932	16559	17115	17505	17812	18251	18681	19112	19527	19868	20163	20441	20723	20992
St Marys	11779	14174	16109	17940	19752	21553	23327	25014	26490	27893	29500	31074	32595	34074	35432	36681	37889	39059	40195
Sussex Inlet	4435	5357	6104	6811	7495	8175	8844	9479	10033	10558	11160	11749	12317	12870	13375	13839	14287	14721	15142
Tahmoor	12920	16192	18908	21491	24017	26536	29020	31400	33524	35569	37874	40131	42306	44424	46385	48199	49957	51657	53310
The Oaks	4161	5041	5773	6483	7197	7925	8659	9378	10041	10701	11461	12226	12981	13738	14469	15172	15876	16574	17275
Tomerong	7127	7743	8147	8515	8917	9310	9691	10032	10277	10477	10755	11029	11304	11569	11793	11989	12177	12366	12548
Ulladulla	17294	19632	21378	22999	24650	26267	27843	29300	30485	31549	32838	34094	35316	36494	37533	38466	39356	40225	41060
Unanderra	3965	4531	4956	5350	5747	6136	6513	6861	7144	7398	7702	7997	8283	8558	8798	9012	9215	9413	9602
Warilla	12374	14660	16359	17956	19549	21123	22666	24117	25354	26507	27849	29160	30427	31655	32764	33774	34745	35687	36596
Wentworth Falls	4260	4774	5149	5497	5835	6165	6488	6786	7021	7228	7490	7748	8001	8248	8464	8660	8848	9034	9214
Werrington	11261	13480	15261	16943	18611	20267	21626	22902	23980	24979	26164	27329	28464	29569	30569	31484	32369	33233	34073
West Castle Hill	10017	11647	12929	14148	15381	16612	17832	18994	20002	20961	22084	23195	24281	25347	26333	27248	28142	29017	29875
West Liverpool 11kv	11322	13448	15151	16766	18377	19984	21570	23082	24405	25665	27119	28551	29941	31300	32553	33713	34840	35937	37008
West Parramatta	802	956	1079	1195	1338	1482	1623	1759	1882	2000	2134	2266	2393	2517	2632	2740	2845	2947	3046
West Pennant Hills	10885	12391	13539	14625	15741	16852	17952	18991	19874	20700	21690	22671	23636	24583	25452	26256	27042	27815	28574
West Wetherill Park 11kv	2037	2103	2117	2118	2137	2152	2166	2171	2154	2125	2114	2104	2100	2096	2085	2073	2060	2052	2044

Table A4.13	Total rooftop PV capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	5240	6264	7079	7843	8600	9345	10070	10751	11332	11871	12490	13089	13663	14215	14709	15155	15579	15988	16379
Westmead	500	622	704	783	861	939	1016	1091	1156	1220	1292	1364	1434	1503	1567	1626	1685	1741	1797
Wetherill Park	2533	2704	2802	2889	2990	3086	3179	3257	3304	3334	3390	3445	3502	3557	3599	3634	3667	3702	3735
Whalan	9410	10465	11226	11936	12681	13416	14139	14809	15348	15833	16441	17041	17635	18216	18735	19208	19667	20121	20564
Wilton	2808	3198	3494	3756	4025	4290	4550	4793	4993	5176	5397	5615	5828	6035	6221	6390	6554	6714	6870
Windsor	7073	8305	9262	10149	10894	11624	12336	12996	13536	14024	14612	15185	15743	16282	16759	17188	17598	17998	18384
Wisemans	1754	2186	2540	2872	3157	3437	3711	3968	4189	4396	4633	4862	5083	5295	5486	5659	5825	5984	6137
Wombarra	4296	4968	5484	5965	6446	6917	7375	7800	8152	8471	8848	9214	9568	9907	10207	10475	10731	10978	11215
Woodpark	1511	1695	1827	1948	2075	2199	2321	2434	2526	2608	2711	2812	2912	3009	3096	3176	3253	3329	3403
Yatte Yattah	2560	3124	3585	4023	4456	4887	5313	5720	6081	6427	6820	7207	7580	7945	8282	8593	8896	9189	9475
Yennora	6408	7556	8458	9301	10136	10956	11755	12501	13132	13712	14386	15039	15667	16271	16810	17295	17757	18203	18630
GRAND TOTAL	**1509106**	**1747341**	**1932098**	**2106048**	**2281395**	**2455200**	**2626212**	**2787696**	**2925633**	**3054855**	**3207435**	**3357806**	**3504649**	**3648255**	**3779643**	**3900867**	**4018858**	**4134450**	**4247522**

Table A4.14	Total rooftop PV generation by ZSS – AEMO Net Zero 2050																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	16	18	20	22	23	25	26	28	29	30	32	33	34	36	37	38	39	40	41
Albion Park	24	27	30	32	34	36	38	39	41	42	43	44	46	47	48	49	50	51	52
Ambarvale	14	16	18	20	22	23	25	27	28	29	30	32	33	34	36	37	38	39	40
Anzac Village	12	14	16	17	18	19	21	22	23	24	25	26	27	28	30	30	31	32	33
Appin	5	6	7	7	8	9	10	10	11	11	12	13	13	14	14	15	15	16	16
Arndell Park	7	8	9	10	11	12	13	13	14	15	16	16	17	18	19	19	20	20	21
Baulkham Hills 11kv	13	15	17	19	20	22	23	25	26	27	29	30	31	33	34	35	36	37	39
Bella Vista	22	26	30	32	35	37	40	43	45	47	49	51	53	56	58	60	61	63	65
Berry	8	10	11	12	13	14	15	16	16	17	18	19	19	20	21	21	22	22	23
Blackheath	4	5	5	6	6	6	7	7	7	7	8	8	8	8	9	9	9	9	9
Blackmans Flat	3	3	4	5	6	6	7	8	8	9	9	10	10	11	11	12	12	13	13
Blaxland	12	13	14	15	16	16	17	17	18	18	18	19	19	19	20	20	20	20	21
Bolong	2	2	2	2	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5
Bomaderry	15	18	20	21	23	24	26	27	28	29	31	32	33	34	35	36	37	37	38
Bonnyrigg	15	18	20	22	24	26	27	29	30	32	33	35	36	37	39	40	41	42	43
Bossley Park	13	15	16	17	18	19	20	20	21	22	22	23	23	24	25	25	25	26	26
Bow Bowing	7	8	9	10	10	11	12	13	13	14	14	15	15	16	16	17	17	17	18
Bowral	12	15	17	19	21	23	25	27	28	30	31	33	35	36	37	39	40	41	42
Bringelly	5	7	8	9	10	12	13	14	16	17	18	19	21	22	23	25	26	27	28
Bulli	10	13	16	18	20	22	24	26	28	30	32	33	35	37	39	40	42	43	45
Bylong	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Cabramatta	5	7	8	9	10	11	12	13	14	14	15	16	17	18	19	19	20	21	21
Cambridge Park	18	21	24	26	27	29	31	33	34	36	37	39	40	42	43	44	45	46	48
Campbelltown	12	15	18	20	22	24	26	28	30	32	34	36	38	40	43	44	46	48	50
Canley Vale	13	15	17	19	20	22	23	25	26	27	28	30	31	32	33	34	35	36	37
Carramar	5	6	7	8	9	10	11	11	12	13	14	14	15	16	16	17	17	18	18
Castle Hill	9	13	16	19	22	25	28	31	34	36	39	41	44	46	49	51	53	55	57
Casula	16	20	22	25	27	29	31	33	35	37	39	40	42	44	46	47	48	50	51
Cattai	7	8	10	11	12	13	15	16	17	18	19	20	21	22	22	23	24	25	25
Cawdor	11	14	16	18	21	23	25	27	29	31	34	36	38	41	43	45	47	50	52
Cheriton Avenue	12	15	17	20	22	24	26	29	31	33	35	37	39	41	43	45	47	49	51

Table A4.14	Total rooftop PV generation by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	8	9	10	11	12	13	13	14	15	15	16	17	18	18	19	20	20	21	21
Claremont Meadows	13	17	20	22	25	28	30	33	35	38	40	43	45	48	50	52	55	57	59
Corrimal	11	13	15	17	18	20	21	23	24	25	26	27	28	29	30	31	32	33	34
Cranebrook	11	13	15	17	18	20	22	23	25	26	27	29	30	31	33	34	35	36	37
Culburra	8	9	11	12	13	14	15	16	17	18	19	20	20	21	22	23	24	24	25
Dapto	26	30	33	35	37	40	42	44	46	47	49	50	52	54	55	56	57	59	60
Darkes Forest	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3
Doonside	27	33	37	40	44	47	51	54	57	59	62	65	68	71	74	76	79	81	83
Dundas	12	16	18	21	23	25	27	29	31	33	35	37	39	41	43	44	46	47	49
East Richmond	7	8	9	10	10	11	12	12	13	13	14	14	15	15	16	16	17	17	17
Eastern Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Edmondson Park	7	8	9	10	11	12	13	14	15	16	17	18	19	19	20	21	22	22	23
Emu Plains	11	12	13	14	15	16	16	17	18	18	19	19	20	20	21	21	22	22	22
Fairfield	6	7	8	8	9	9	10	10	10	11	11	11	12	12	12	13	13	13	13
Figtree	15	18	20	22	23	25	27	28	30	31	32	33	34	35	37	38	38	39	40
Gerringong	5	5	6	6	6	7	7	7	8	8	8	8	8	9	9	9	9	9	9
Glenmore Park	21	24	26	28	30	32	33	35	36	37	39	40	41	42	44	45	46	47	48
Glenorie	4	4	5	5	6	6	7	7	8	8	9	9	10	10	10	11	11	11	12
Glossodia	8	10	12	13	14	15	17	18	19	20	21	22	23	24	25	26	26	27	28
Granville	6	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	24
Greystanes	7	8	9	10	10	11	12	12	13	13	14	14	15	16	16	17	17	17	18
Hartley Vale	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
Hazelbrook	7	8	8	9	9	9	10	10	10	11	11	11	11	12	12	12	12	12	13
Helensburgh	4	5	6	6	7	7	8	8	9	9	9	10	10	11	11	11	11	12	12
Hinchinbrook	26	29	32	35	37	40	42	44	46	48	50	52	54	56	58	59	61	63	64
Holroyd	17	21	24	27	30	32	35	38	40	43	45	48	50	53	55	57	59	61	64
Homepride	5	6	8	9	10	11	13	14	15	16	17	18	19	20	21	22	23	24	25
Horsley Park	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5
Huntingwood	3	3	3	4	4	4	5	5	5	5	5	6	6	6	6	7	7	7	7
Huskisson	16	19	21	23	25	27	29	30	32	33	35	36	37	39	40	41	42	43	44
Ilford Hall	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A4.14	Total rooftop PV generation by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	3	3	4	4	4	5	5	5	6	6	6	7	7	7	7	8	8	8	8
Jasper Rd	12	14	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Jordan Springs	11	13	14	15	16	17	19	19	20	21	22	23	23	24	25	26	26	27	28
Kandos	4	6	8	9	11	12	13	15	16	17	18	19	20	21	22	23	24	25	26
Kangaroo Valley	2	2	2	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	6
Katoomba	8	9	10	10	11	11	12	13	13	13	14	14	15	15	15	16	16	16	17
Kellyville	10	11	13	14	15	16	17	19	20	20	21	22	23	24	25	26	27	28	29
Kembla Grange	5	6	6	7	7	8	9	9	10	10	11	11	12	12	13	13	13	14	14
Kemps Creek	4	5	6	6	7	7	8	8	9	9	10	10	11	11	11	12	12	13	13
Kenny Street	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kenthurst	14	17	20	23	25	28	30	33	35	37	39	42	44	46	48	50	52	54	56
Kentlyn	23	27	30	33	35	38	40	43	45	47	49	51	53	55	57	58	60	61	63
Kiama	12	14	16	17	18	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Kingswood	17	22	25	29	32	35	38	41	43	46	49	51	54	56	59	61	63	65	67
Kurrajong	9	11	13	14	16	17	19	20	21	22	23	25	26	27	28	29	30	30	31
Leabons Lane	8	10	12	13	15	16	18	19	20	21	23	24	25	26	28	29	30	31	32
Lennox	3	4	5	5	6	7	8	8	9	9	10	11	11	12	13	13	14	14	15
Lithgow	11	13	15	16	18	19	20	22	23	24	25	26	27	28	29	29	30	31	32
Liverpool 11kv	12	13	14	15	16	17	18	18	19	19	20	21	21	22	22	23	23	24	24
Luddenham	4	6	7	9	10	11	13	14	15	16	18	19	20	22	23	24	25	27	28
Macquarie Fields	21	25	29	32	34	37	40	42	45	47	49	51	53	55	57	59	60	62	64
Maldon	16	20	23	27	30	33	36	39	41	44	46	49	52	54	57	59	61	63	65
Mamre	18	21	24	25	27	29	31	33	34	35	37	38	40	41	43	44	45	46	47
Marayong	9	12	14	16	17	19	21	22	24	25	27	28	30	31	33	34	35	37	38
Marsden Park	13	15	16	17	17	18	19	19	20	20	21	21	22	22	23	23	23	24	24
Meadow Flat	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3
Minto	30	34	37	39	42	44	46	49	50	52	53	55	57	59	60	62	63	64	65
Mittagong	13	15	17	19	20	22	23	25	26	27	28	30	31	32	33	34	35	36	37
Moorebank	6	8	9	10	11	12	14	15	16	16	17	18	19	20	21	22	23	24	24
Moss Vale	13	16	18	19	21	23	24	26	27	29	30	31	33	34	35	36	37	38	39
Mount Ousley	8	10	11	13	14	15	16	17	18	19	20	21	22	23	24	25	25	26	27
Mungerie Park	52	60	66	71	75	80	85	89	93	96	100	103	107	111	115	118	121	124	127

Table A4.14	Total rooftop PV generation by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	34	39	43	46	50	53	57	60	63	66	69	73	76	80	84	88	91	95	99
Nepean 11kv	27	32	37	41	45	49	53	57	61	65	69	74	78	83	88	92	97	101	106
Newton	10	11	12	13	14	15	15	16	17	17	18	19	19	20	21	21	22	22	23
North Eastern Creek	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
North Leppington	2	4	4	5	6	7	8	8	9	10	11	11	12	13	14	14	15	16	16
North Parramatta	6	8	9	10	11	12	13	14	15	16	17	18	19	19	20	21	22	23	24
North Richmond	8	10	11	12	14	15	16	17	18	19	20	21	22	23	24	25	26	26	27
North Rocks	6	8	9	10	10	11	12	13	14	14	15	16	17	17	18	19	19	20	21
North Warragamba	8	11	13	14	16	18	20	21	23	24	26	28	29	31	32	34	35	36	37
North Wollongong	4	5	6	7	8	8	9	10	10	11	11	12	13	13	14	14	14	15	15
Northmead	7	8	9	11	12	13	14	15	16	17	18	18	19	20	21	22	23	24	25
Nowra	12	15	17	19	21	23	25	26	28	29	31	32	34	35	37	38	39	40	41
Oakdale	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11
Oran Park	24	31	37	42	47	53	59	64	70	76	82	88	95	101	108	115	121	128	134
Parklea	51	57	62	66	70	73	77	81	83	86	89	91	94	97	100	103	105	107	110
Penrith 11kv	6	7	9	11	12	13	14	16	17	18	19	20	21	22	23	23	24	25	26
Plumpton	19	22	25	27	29	31	33	35	37	39	41	43	44	46	48	50	51	52	54
Port Central	3	4	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	12	13
Port Kembla	8	10	12	13	15	16	18	19	21	22	23	24	25	27	28	29	30	31	31
Portland	3	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	7	7	8
Prestons	21	24	27	29	31	33	35	37	39	40	42	44	46	48	50	51	53	54	56
Prospect	8	9	10	11	11	12	12	13	13	14	14	15	15	16	16	16	17	17	18
Quakers Hill	24	28	32	34	37	40	43	45	48	50	52	54	57	59	61	63	65	67	69
Quarries	5	5	6	7	7	8	8	9	9	9	10	10	11	11	12	12	12	13	13
Ringwood	6	7	8	8	9	10	10	11	11	12	12	13	13	14	14	15	15	15	16
Riverstone	16	18	20	21	22	24	25	26	27	27	28	29	30	31	32	32	33	34	34
Robertson	4	5	6	7	8	8	9	10	10	11	12	12	13	14	14	15	15	16	16
Rooty Hill	22	26	29	31	34	36	39	41	43	45	47	50	52	54	56	57	59	61	62
Rosehill	1	2	2	3	3	3	3	4	4	4	5	5	5	5	6	6	6	6	7
Russell Vale	10	12	14	16	18	19	21	22	23	25	26	27	28	29	31	32	32	33	34

Table A4.14	Total rooftop PV generation by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	11	13	15	17	18	20	22	23	25	26	27	29	30	32	33	35	36	37	38
Schofields	28	33	37	40	44	47	50	54	56	59	62	65	67	70	73	75	78	80	82
Seven Hills	8	9	9	10	10	11	11	12	12	13	13	13	14	14	14	15	15	15	15
Shellharbour	20	24	28	30	33	36	39	41	44	46	48	50	52	55	57	59	60	62	64
Sherwood	9	10	12	13	14	15	16	17	18	19	20	21	22	22	23	24	25	25	26
Smithfield	16	18	20	22	23	24	26	27	28	29	30	31	32	33	34	35	35	36	37
South Granville	6	7	8	10	11	12	13	14	15	15	16	17	18	19	20	21	21	22	23
South Leppington	16	20	23	25	27	30	32	34	37	38	41	43	45	47	49	50	52	54	55
South Marsden Park	5	7	8	10	11	13	14	15	17	18	20	21	23	24	26	27	28	30	31
South Nowra	4	5	5	5	6	6	6	7	7	7	8	8	8	8	9	9	9	9	9
South Windsor	16	19	22	24	26	29	31	33	35	36	38	40	41	43	45	46	47	49	50
South Wollongong	3	3	4	4	5	5	6	6	6	7	7	7	8	8	8	9	9	9	9
Springwood	14	15	16	17	18	19	20	20	21	21	22	22	23	24	24	24	25	25	25
St Marys	13	16	19	21	24	26	28	30	32	34	36	38	40	42	43	45	46	48	49
Sussex Inlet	5	6	7	8	9	10	11	11	12	13	14	14	15	16	16	17	17	18	19
Tahmoor	15	19	23	26	29	32	35	38	41	44	46	49	52	54	57	59	61	64	66
The Oaks	5	6	7	8	9	10	10	11	12	13	14	15	16	17	18	19	20	20	21
Tomerong	8	9	10	10	11	11	12	12	12	13	13	13	14	14	14	15	15	15	15
Ulladulla	19	22	25	27	28	30	32	34	36	37	39	40	42	43	44	46	47	48	49
Unanderra	4	5	6	6	7	7	8	8	8	9	9	9	10	10	10	11	11	11	11
Warilla	14	17	19	21	23	25	27	29	31	32	34	35	37	39	40	41	43	44	45
Wentworth Falls	5	6	6	7	7	7	8	8	9	9	9	10	10	10	10	11	11	11	11
Werrington	13	16	18	20	22	24	26	28	29	30	32	33	35	36	37	39	40	41	42
West Castle Hill	11	13	15	17	18	20	21	23	24	26	27	28	30	31	32	33	34	36	37
West Liverpool 11kv	13	16	18	20	22	24	26	28	30	31	33	35	37	38	40	42	43	44	46
West Parramatta	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4
West Pennant Hills	12	14	16	17	19	20	22	23	24	25	26	28	29	30	31	32	33	34	35
West Wetherill Park 11kv	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Table A4.14	Total rooftop PV generation by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	6	7	8	9	10	11	12	13	13	14	15	15	16	17	17	18	18	19	19
Westmead	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Wetherill Park	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5
Whalan	11	12	13	14	15	16	17	18	19	19	20	21	21	22	23	24	24	25	25
Wilton	3	4	4	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8	8
Windsor	8	10	11	12	13	14	15	16	17	17	18	19	19	20	21	21	22	22	23
Wisemans	2	3	3	3	4	4	4	5	5	5	6	6	6	6	7	7	7	7	8
Wombarra	5	6	6	7	8	8	9	9	10	10	11	11	11	12	12	13	13	13	13
Woodpark	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4
Yatte Yattah	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	11	12
Yennora	7	9	10	11	12	13	14	15	16	17	17	18	19	20	21	21	22	22	23
GRAND TOTAL	**1697**	**2022**	**2290**	**2510**	**2723**	**2940**	**3161**	**3364**	**3548**	**3715**	**3896**	**4080**	**4260**	**4440**	**4621**	**4773**	**4916**	**5062**	**5215**

Table A4.15	Total rooftop PV customers by ZSS – AEMO Net Zero 2050																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	2817	3110	3316	3507	3710	3910	4107	4289	4434	4563	4728	4893	5057	5219	5364	5497	5628	5759	5887
Albion Park	3875	4275	4551	4801	5066	5322	5569	5792	5959	6099	6282	6461	6637	6806	6949	7073	7191	7308	7420
Ambarvale	2656	2958	3174	3372	3580	3783	3981	4163	4306	4432	4591	4747	4900	5049	5179	5295	5407	5518	5625
Anzac Village	2137	2385	2564	2730	2904	3076	3245	3402	3528	3642	3784	3925	4063	4199	4320	4430	4537	4643	4746
Appin	687	819	923	1021	1117	1211	1303	1389	1463	1531	1609	1685	1758	1828	1891	1947	2001	2053	2103
Arndell Park	1158	1301	1406	1503	1604	1703	1800	1890	1963	2028	2109	2188	2266	2342	2409	2470	2528	2586	2642
Baulkham Hills 11kv	2345	2608	2796	2970	3153	3334	3511	3675	3806	3923	4071	4217	4361	4502	4628	4742	4852	4962	5069
Bella Vista	3577	3988	4284	4558	4845	5128	5405	5661	5867	6051	6282	6509	6733	6951	7145	7322	7492	7660	7824
Berry	1296	1456	1571	1677	1786	1893	1996	2090	2165	2231	2312	2391	2468	2543	2607	2664	2718	2772	2823
Blackheath	870	943	990	1032	1078	1122	1165	1202	1227	1246	1274	1301	1328	1355	1376	1393	1410	1426	1442
Blackmans Flat	410	514	598	677	754	829	902	971	1031	1088	1151	1212	1270	1325	1375	1420	1463	1504	1543
Blaxland	2280	2404	2465	2517	2583	2646	2704	2751	2771	2775	2801	2827	2856	2884	2901	2913	2924	2937	2950
Bolong	265	307	339	369	399	428	457	483	505	525	548	571	592	613	632	648	664	679	693
Bomaderry	2635	2898	3076	3239	3411	3578	3739	3884	3991	4080	4199	4314	4428	4538	4631	4711	4787	4863	4935
Bonnyrigg	2998	3346	3596	3826	4066	4300	4529	4739	4906	5053	5237	5418	5596	5768	5919	6054	6185	6313	6438
Bossley Park	2169	2332	2431	2519	2617	2711	2801	2878	2926	2960	3015	3069	3124	3177	3217	3251	3282	3314	3344
Bow Bowing	1223	1382	1499	1606	1716	1823	1927	2023	2099	2166	2249	2329	2407	2482	2548	2606	2661	2715	2766
Bowral	1879	2168	2388	2591	2795	2995	3189	3369	3517	3650	3809	3963	4111	4254	4379	4492	4598	4701	4800
Bringelly	620	797	947	1091	1233	1378	1522	1664	1795	1926	2073	2220	2364	2506	2643	2774	2904	3031	3158
Bulli	1833	2218	2526	2816	3101	3383	3659	3921	4148	4363	4609	4849	5081	5305	5511	5700	5882	6059	6231
Bylong	30	41	49	57	65	73	80	87	93	99	105	111	117	122	127	132	136	140	143
Cabramatta	954	1099	1208	1311	1414	1515	1614	1707	1784	1854	1938	2020	2099	2176	2245	2307	2367	2425	2481
Cambridge Park	3078	3437	3695	3933	4181	4424	4660	4878	5051	5203	5394	5581	5765	5943	6099	6239	6374	6506	6634
Campbelltown	2074	2400	2654	2893	3137	3380	3622	3851	4051	4241	4465	4688	4908	5125	5327	5517	5704	5888	6072
Canley Vale	2508	2791	2992	3175	3366	3552	3732	3896	4022	4131	4270	4405	4537	4665	4775	4872	4964	5054	5142
Carramar	864	1015	1132	1240	1346	1450	1551	1644	1721	1791	1873	1952	2027	2099	2162	2218	2270	2321	2369
Castle Hill	1292	1744	2124	2481	2824	3163	3494	3810	4092	4362	4660	4949	5223	5486	5727	5947	6157	6357	6549
Casula	2831	3253	3574	3872	4173	4469	4758	5027	5250	5454	5696	5932	6161	6383	6580	6758	6929	7095	7255
Cattai	761	899	1006	1107	1206	1303	1398	1486	1561	1630	1710	1787	1861	1933	1997	2054	2108	2161	2211
Cawdor	1661	1959	2198	2427	2660	2896	3132	3362	3569	3772	4008	4246	4481	4715	4939	5153	5366	5578	5789
Cheriton Avenue	1865	2195	2457	2705	2955	3206	3454	3692	3901	4101	4333	4564	4790	5012	5219	5412	5602	5788	5971

Table A4.15	Total rooftop PV customers by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	1340	1477	1574	1663	1759	1854	1947	2034	2104	2166	2245	2325	2404	2483	2554	2619	2683	2747	2810
Claremont Meadows	1894	2226	2488	2736	2983	3231	3474	3706	3908	4099	4322	4542	4756	4967	5161	5341	5517	5689	5858
Corrimal	2008	2297	2512	2710	2909	3102	3289	3461	3599	3721	3869	4010	4148	4278	4392	4491	4586	4677	4763
Cranebrook	1626	1879	2073	2254	2435	2614	2788	2951	3087	3211	3359	3502	3642	3776	3896	4005	4109	4210	4307
Culburra	1448	1634	1771	1897	2025	2150	2271	2382	2471	2549	2644	2737	2827	2914	2989	3056	3119	3181	3240
Dapto	4624	5064	5358	5624	5908	6182	6447	6683	6853	6992	7181	7365	7547	7722	7868	7993	8112	8230	8343
Darkes Forest	51	89	121	152	181	210	238	265	290	313	339	364	387	410	431	449	467	484	501
Doonside	5595	6305	6828	7313	7814	8306	8789	9237	9602	9931	10335	10731	11119	11497	11833	12137	12431	12719	12998
Dundas	2295	2681	2981	3260	3540	3817	4087	4341	4556	4756	4990	5218	5439	5653	5846	6021	6189	6353	6511
East Richmond	1127	1303	1438	1563	1688	1810	1929	2040	2131	2214	2312	2407	2499	2587	2665	2735	2802	2866	2928
Eastern Creek	123	140	153	165	178	190	202	213	223	231	242	252	262	271	280	288	295	303	310
Edmondson Park	840	1006	1137	1260	1381	1501	1619	1729	1824	1913	2015	2114	2209	2301	2385	2460	2533	2603	2670
Emu Plains	1900	2052	2148	2233	2328	2419	2507	2584	2636	2675	2733	2791	2849	2905	2950	2989	3025	3062	3098
Fairfield	1167	1273	1343	1406	1474	1539	1602	1658	1698	1729	1773	1815	1858	1899	1932	1961	1988	2015	2041
Figtree	2720	3067	3320	3551	3787	4015	4236	4437	4595	4732	4902	5065	5224	5376	5505	5619	5726	5831	5930
Gerringong	913	992	1043	1090	1140	1190	1237	1279	1309	1333	1367	1401	1434	1466	1493	1517	1539	1562	1583
Glenmore Park	3308	3585	3764	3925	4103	4276	4444	4594	4701	4786	4908	5028	5150	5268	5367	5454	5537	5621	5703
Glenorie	417	483	534	582	631	679	726	771	809	844	886	927	967	1006	1041	1073	1105	1136	1165
Glossodia	1039	1194	1311	1418	1526	1632	1734	1828	1904	1973	2054	2133	2210	2283	2346	2403	2456	2508	2557
Granville	1081	1248	1377	1498	1620	1742	1861	1974	2070	2160	2266	2370	2472	2572	2662	2746	2827	2906	2984
Greystanes	1369	1517	1622	1719	1821	1921	2019	2109	2180	2243	2322	2401	2478	2554	2621	2681	2739	2797	2853
Hartley Vale	51	57	62	66	70	74	77	81	83	86	89	91	94	96	99	101	102	104	106
Hazelbrook	1425	1515	1564	1606	1657	1706	1751	1789	1810	1820	1845	1869	1894	1919	1936	1950	1962	1976	1988
Helensburgh	799	898	970	1035	1102	1167	1230	1287	1332	1370	1418	1464	1509	1552	1589	1621	1651	1680	1708
Hinchinbrook	4181	4628	4944	5236	5545	5849	6148	6423	6641	6834	7080	7323	7565	7801	8010	8200	8384	8568	8746
Holroyd	2691	3134	3478	3801	4126	4448	4765	5064	5320	5559	5839	6115	6383	6644	6882	7101	7313	7519	7720
Homepride	1048	1337	1578	1807	2030	2253	2473	2684	2874	3057	3263	3465	3659	3848	4023	4186	4343	4495	4642
Horsley Park	326	360	384	405	428	450	471	490	505	518	534	550	566	581	594	606	617	628	638
Huntingwood	415	460	491	519	549	578	606	631	651	668	689	710	731	750	767	783	797	811	825
Huskisson	2782	3111	3347	3563	3786	4003	4213	4405	4554	4684	4846	5004	5159	5307	5434	5547	5653	5758	5858
Ilford Hall	74	92	106	120	133	145	158	169	179	188	199	208	218	227	235	242	249	255	261
Inner Harbour	19	20	20	20	20	20	20	20	20	20	19	19	19	19	19	19	19	19	19

Table A4.15	Total rooftop PV customers by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	372	428	471	511	551	590	628	663	693	719	751	782	812	840	866	889	911	932	953
Jasper Rd	2359	2605	2777	2937	3107	3274	3439	3590	3710	3816	3952	4086	4220	4350	4467	4572	4675	4776	4876
Jordan Springs	1741	1937	2076	2204	2338	2468	2595	2711	2802	2882	2982	3080	3177	3270	3351	3424	3493	3561	3627
Kandos	600	794	955	1105	1249	1389	1526	1655	1767	1874	1991	2104	2210	2312	2403	2485	2562	2636	2705
Kangaroo Valley	307	360	400	438	475	512	547	580	608	633	663	691	719	745	769	790	809	829	847
Katoomba	1546	1667	1743	1810	1885	1957	2026	2087	2127	2156	2202	2246	2291	2334	2369	2398	2426	2454	2481
Kellyville	1576	1758	1889	2011	2139	2266	2390	2505	2598	2682	2787	2890	2992	3092	3181	3263	3342	3420	3496
Kembla Grange	660	756	827	894	961	1027	1091	1151	1200	1245	1299	1351	1402	1451	1496	1535	1574	1611	1648
Kemps Creek	490	580	650	716	782	848	912	973	1025	1074	1131	1187	1241	1293	1341	1385	1427	1468	1508
Kenny Street	123	131	136	141	146	151	155	159	161	163	166	168	171	174	176	177	179	180	182
Kenthurst	1448	1712	1921	2118	2314	2510	2703	2885	3044	3193	3367	3537	3703	3864	4012	4148	4279	4407	4532
Kentlyn	3959	4426	4761	5069	5388	5699	6002	6279	6497	6687	6925	7158	7386	7606	7796	7966	8128	8287	8440
Kiama	2127	2366	2537	2694	2857	3017	3173	3315	3427	3524	3647	3767	3886	4000	4100	4189	4274	4357	4438
Kingswood	2796	3258	3615	3949	4284	4613	4936	5238	5494	5730	6007	6277	6539	6792	7019	7226	7424	7616	7802
Kurrajong	1270	1463	1610	1745	1880	2013	2141	2259	2356	2443	2546	2646	2743	2835	2916	2988	3056	3121	3184
Leabons Lane	1565	1826	2028	2218	2409	2597	2782	2956	3104	3242	3404	3562	3715	3864	3999	4122	4240	4356	4467
Lennox	471	593	693	788	882	975	1066	1154	1233	1309	1395	1479	1560	1639	1712	1780	1846	1910	1972
Lithgow	1861	2105	2285	2449	2616	2778	2934	3077	3190	3288	3409	3525	3638	3746	3838	3920	3996	4071	4141
Liverpool 11kv	2251	2642	2950	3239	3530	3818	4102	4370	4602	4820	5074	5324	5566	5803	6018	6217	6409	6596	6779
Luddenham	463	603	722	837	949	1062	1175	1286	1388	1489	1603	1716	1827	1936	2040	2139	2237	2333	2428
Macquarie Fields	3616	4139	4533	4896	5263	5622	5970	6292	6555	6791	7074	7348	7614	7869	8094	8294	8484	8669	8845
Maldon	2037	2400	2684	2951	3216	3478	3736	3978	4185	4379	4604	4824	5037	5243	5430	5601	5765	5925	6079
Mamre	3193	3517	3742	3947	4166	4380	4588	4778	4924	5049	5213	5374	5533	5688	5822	5942	6058	6172	6283
Marayong	1530	1787	1987	2175	2363	2549	2731	2903	3049	3186	3346	3502	3653	3801	3934	4055	4173	4287	4397
Marsden Park	1665	1811	1906	1992	2085	2176	2265	2343	2399	2445	2509	2572	2635	2696	2747	2792	2835	2878	2920
Meadow Flat	136	154	167	180	192	204	216	227	235	242	251	260	269	277	284	290	295	301	306
Minto	5352	5820	6125	6400	6699	6988	7267	7514	7689	7828	8024	8216	8408	8593	8746	8878	9003	9129	9249
Mittagong	2193	2436	2609	2768	2934	3098	3258	3404	3519	3621	3749	3875	4000	4120	4226	4322	4413	4504	4591
Moorebank	901	1035	1138	1233	1331	1427	1522	1611	1687	1757	1840	1922	2002	2080	2150	2215	2278	2339	2399
Moss Vale	1945	2204	2395	2571	2750	2925	3095	3251	3376	3486	3621	3752	3880	4002	4108	4203	4292	4380	4463
Mount Ousley	1371	1571	1721	1858	1997	2131	2261	2381	2477	2562	2665	2764	2859	2951	3029	3099	3165	3229	3289
Mungerie Park	7462	8280	8861	9398	9962	10517	11059	11559	11954	12304	12747	13183	13615	14035	14406	14741	15065	15385	15697

Table A4.15	Total rooftop PV customers by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	5126	5600	5931	6246	6593	6946	7302	7643	7928	8197	8544	8901	9265	9634	9985	10323	10666	11013	11367
Nepean 11kv	3792	4276	4646	5004	5381	5766	6158	6539	6878	7211	7614	8026	8440	8859	9264	9655	10051	10449	10852
Newton	1501	1630	1713	1789	1873	1955	2034	2105	2157	2200	2259	2318	2377	2435	2485	2528	2570	2613	2654
North Eastern Creek	92	104	114	122	131	140	149	157	163	170	177	184	191	198	204	210	215	220	225
North Leppington	315	414	499	579	658	737	815	890	959	1026	1102	1176	1247	1317	1383	1444	1504	1562	1619
North Parramatta	970	1115	1227	1332	1439	1545	1650	1749	1834	1914	2008	2101	2192	2281	2363	2438	2511	2583	2653
North Richmond	1002	1149	1260	1362	1465	1566	1663	1753	1827	1893	1972	2048	2122	2193	2255	2310	2363	2414	2462
North Rocks	1209	1362	1475	1580	1690	1798	1905	2004	2087	2162	2254	2345	2435	2523	2602	2675	2745	2815	2883
North Warragamba	1057	1272	1444	1605	1765	1923	2078	2225	2353	2474	2613	2749	2880	3007	3123	3230	3333	3432	3529
North Wollongong	537	646	733	813	892	969	1043	1113	1171	1225	1287	1347	1403	1458	1506	1548	1589	1627	1664
Northmead	1231	1411	1549	1678	1810	1941	2070	2191	2294	2389	2503	2615	2725	2833	2930	3020	3108	3193	3277
Nowra	2074	2366	2585	2787	2990	3190	3383	3562	3707	3836	3992	4144	4290	4431	4554	4664	4769	4870	4967
Oakdale	294	382	457	527	594	662	728	792	849	903	965	1024	1081	1137	1188	1235	1281	1325	1367
Oran Park	3009	3596	4081	4553	5034	5527	6030	6526	6987	7450	7988	8534	9076	9624	10158	10676	11198	11717	12242
Parklea	8057	8737	9181	9585	10033	10471	10900	11288	11573	11811	12143	12474	12808	13137	13422	13679	13929	14183	14432
Penrith 11kv	906	1084	1226	1358	1489	1619	1746	1866	1969	2066	2177	2286	2390	2491	2582	2666	2746	2823	2898
Plumpton	3644	4092	4419	4723	5037	5347	5649	5930	6157	6360	6612	6859	7101	7337	7546	7735	7918	8097	8271
Port Central	604	720	811	895	979	1060	1140	1214	1277	1334	1401	1465	1527	1586	1639	1686	1730	1773	1815
Port Kembla	1401	1688	1917	2130	2339	2544	2743	2929	3089	3236	3405	3568	3724	3873	4007	4127	4241	4351	4455
Portland	460	504	534	560	589	616	643	666	683	696	715	733	751	768	782	794	805	816	827
Prestons	3493	3818	4040	4245	4469	4690	4908	5109	5266	5405	5588	5772	5957	6139	6303	6455	6604	6753	6902
Prospect	1537	1642	1704	1759	1825	1888	1949	2003	2039	2065	2108	2152	2197	2241	2278	2310	2342	2375	2408
Quakers Hill	4211	4733	5116	5470	5837	6199	6552	6880	7146	7386	7681	7970	8255	8531	8777	8999	9214	9425	9630
Quarries	870	975	1052	1122	1196	1268	1339	1405	1458	1506	1565	1624	1681	1737	1787	1832	1875	1918	1960
Ringwood	955	1053	1120	1181	1246	1309	1369	1424	1465	1499	1544	1588	1631	1673	1708	1739	1768	1797	1825
Riverstone	2255	2513	2698	2868	3046	3219	3389	3545	3668	3776	3912	4045	4177	4304	4415	4515	4611	4706	4798
Robertson	615	753	865	970	1074	1177	1278	1374	1459	1540	1631	1720	1807	1890	1967	2037	2105	2171	2234
Rooty Hill	3660	4089	4400	4687	4986	5280	5567	5832	6045	6235	6471	6703	6932	7154	7350	7528	7699	7867	8031
Rosehill	282	352	409	463	516	570	622	672	717	761	810	857	904	949	991	1029	1067	1103	1139
Russell Vale	1808	2084	2292	2484	2675	2862	3043	3209	3344	3465	3608	3747	3880	4008	4118	4216	4309	4398	4483

Table A4.15	Total rooftop PV customers by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	1806	2105	2338	2557	2777	2996	3212	3416	3591	3756	3949	4138	4323	4503	4668	4819	4966	5109	5249
Schofields	3703	4144	4465	4761	5069	5373	5669	5943	6164	6361	6606	6847	7084	7314	7518	7702	7880	8055	8225
Seven Hills	1396	1555	1669	1775	1885	1994	2100	2198	2276	2345	2432	2518	2603	2685	2758	2823	2887	2949	3010
Shellharbour	3437	3901	4247	4566	4892	5211	5522	5809	6042	6252	6506	6754	6995	7227	7433	7617	7792	7964	8129
Sherwood	1510	1687	1815	1932	2054	2174	2291	2399	2484	2560	2655	2748	2840	2929	3008	3079	3147	3215	3281
Smithfield	2817	3074	3244	3396	3560	3718	3869	4003	4097	4170	4274	4375	4475	4571	4648	4715	4776	4838	4897
South Granville	1023	1212	1363	1503	1643	1781	1917	2045	2155	2258	2378	2495	2608	2718	2817	2909	2997	3082	3165
South Leppington	2043	2334	2553	2757	2964	3169	3370	3557	3713	3855	4027	4195	4360	4520	4664	4796	4924	5049	5171
South Marsden Park	555	695	812	924	1036	1148	1260	1369	1469	1568	1680	1791	1900	2008	2110	2208	2304	2399	2493
South Nowra	560	628	677	722	769	814	858	898	929	957	991	1024	1056	1087	1114	1138	1160	1182	1203
South Windsor	2148	2423	2626	2812	3003	3190	3372	3540	3674	3793	3939	4082	4221	4355	4472	4577	4677	4775	4869
South Wollongong	437	512	570	623	676	728	778	824	862	897	938	977	1014	1050	1081	1109	1136	1161	1185
Springwood	2649	2814	2904	2981	3074	3163	3247	3316	3353	3371	3416	3459	3506	3551	3582	3606	3628	3653	3677
St Marys	2416	2806	3107	3388	3670	3949	4222	4478	4693	4893	5128	5357	5579	5794	5988	6164	6333	6497	6656
Sussex Inlet	995	1188	1340	1483	1625	1764	1901	2029	2140	2243	2362	2477	2588	2696	2793	2881	2966	3048	3127
Tahmoor	2190	2589	2903	3198	3490	3780	4064	4331	4560	4775	5023	5266	5500	5728	5934	6122	6303	6479	6649
The Oaks	639	747	832	914	998	1082	1166	1248	1321	1392	1475	1559	1642	1724	1802	1877	1952	2025	2099
Tomerong	1500	1612	1680	1741	1810	1875	1939	1993	2029	2054	2095	2135	2176	2215	2246	2273	2297	2323	2347
Ulladulla	3626	4046	4345	4618	4901	5177	5444	5686	5874	6036	6240	6439	6633	6820	6980	7121	7254	7386	7511
Unanderra	674	797	892	981	1068	1153	1235	1312	1376	1434	1501	1566	1628	1687	1739	1786	1830	1872	1912
Warilla	2547	2914	3191	3447	3707	3961	4208	4437	4625	4794	4998	5195	5387	5572	5735	5882	6021	6157	6287
Wentworth Falls	961	1046	1102	1153	1208	1261	1313	1359	1392	1419	1456	1493	1530	1566	1596	1622	1647	1672	1696
Werrington	2079	2446	2735	3005	3273	3539	3800	4045	4254	4449	4676	4898	5112	5320	5507	5678	5842	6002	6156
West Castle Hill	1806	2058	2248	2426	2609	2789	2967	3134	3274	3403	3559	3712	3862	4009	4141	4263	4381	4497	4610
West Liverpool 11kv	2325	2648	2892	3119	3351	3581	3806	4017	4193	4355	4549	4741	4928	5110	5274	5424	5570	5712	5850
West Parramatta	207	245	275	303	331	359	387	413	436	458	483	508	532	556	578	598	618	637	656
West Pennant Hills	2049	2284	2454	2612	2777	2940	3101	3250	3370	3478	3614	3747	3879	4009	4124	4230	4332	4433	4532
West Wetherill Park 11kv	209	215	215	214	216	217	218	218	216	213	211	210	209	208	207	205	203	202	201

Table A4.15	Total rooftop PV customers by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	1061	1245	1387	1518	1647	1774	1896	2010	2104	2189	2288	2384	2476	2563	2640	2709	2773	2835	2894
Westmead	163	187	205	222	239	257	274	290	304	317	332	347	362	376	389	401	413	425	436
Wetherill Park	371	388	395	401	409	417	424	429	430	429	431	434	436	439	441	441	442	443	444
Whalan	1883	2054	2168	2271	2384	2494	2602	2699	2771	2831	2914	2995	3076	3156	3224	3285	3343	3402	3459
Wilton	486	543	583	621	659	697	734	768	795	819	849	878	906	934	958	979	1000	1020	1040
Windsor	1021	1189	1318	1437	1556	1672	1786	1891	1978	2057	2151	2241	2328	2412	2486	2552	2615	2676	2734
Wisemans	322	414	489	560	629	696	762	824	879	930	987	1043	1095	1146	1192	1233	1272	1310	1346
Wombarra	903	1016	1097	1171	1247	1320	1391	1456	1506	1550	1604	1656	1707	1756	1797	1833	1867	1901	1932
Woodpark	212	252	284	314	343	373	401	429	452	474	500	525	549	572	594	614	633	651	669
Yatte Yattah	618	787	928	1060	1189	1317	1443	1563	1671	1773	1888	2000	2108	2212	2308	2396	2481	2563	2642
Yennora	1292	1487	1634	1770	1906	2039	2167	2285	2381	2466	2569	2667	2762	2853	2932	3002	3068	3132	3193
GRAND TOTAL	**279343**	**315773**	**342760**	**367801**	**393517**	**418836**	**443620**	**466637**	**485475**	**502529**	**523333**	**543759**	**563771**	**583230**	**600618**	**616415**	**631670**	**646670**	**661245**

Table A4.16	Total rooftop PV capacity by ZSS – AEMO Net Zero 2050																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	3	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	6	7	7
Albion Park	4	5	5	6	6	6	7	7	7	7	8	8	8	8	9	9	9	9	9
Ambarvale	2	3	3	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	6
Anzac Village	2	2	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5
Appin	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
Arndell Park	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
Baulkham Hills 11kv	2	3	3	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	6
Bella Vista	4	4	5	5	6	6	7	7	7	8	8	8	9	9	10	10	10	10	11
Berry	1	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4
Blackheath	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Blackmans Flat	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
Blaxland	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Bolong	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Bomaderry	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6	7	7
Bonnyrigg	3	3	3	4	4	4	5	5	5	5	6	6	6	6	6	7	7	7	7
Bossley Park	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4
Bow Bowing	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
Bowral	2	2	3	3	3	4	4	4	5	5	5	5	6	6	6	6	6	7	7
Bringelly	1	1	1	1	2	2	2	2	3	3	3	3	3	4	4	4	4	4	5
Bulli	1	2	2	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7
Bylong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cabramatta	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
Cambridge Park	3	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	7	8	8
Campbelltown	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	7	8
Canley Vale	2	3	3	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	6
Carramar	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3
Castle Hill	1	2	3	3	4	4	5	5	5	6	6	7	7	8	8	8	9	9	9
Casula	3	3	4	4	4	5	5	6	6	6	6	7	7	7	8	8	8	8	8
Cattai	1	1	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4
Cawdor	2	2	3	3	3	4	4	5	5	5	6	6	6	7	7	7	8	8	8
Cheriton Avenue	2	2	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8

Table A4.16	Total rooftop PV capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4
Claremont Meadows	2	3	3	4	4	5	5	5	6	6	7	7	7	8	8	9	9	9	10
Corrimal	2	2	2	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5
Cranebrook	2	2	3	3	3	3	4	4	4	4	4	5	5	5	5	6	6	6	6
Culburra	1	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4
Dapto	5	5	6	6	6	7	7	7	8	8	8	9	9	9	9	9	10	10	10
Darkes Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Doonside	5	5	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	13	14
Dundas	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	7	8	8
East Richmond	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Edmondson Park	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4
Emu Plains	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4
Fairfield	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Figtree	3	3	3	4	4	4	5	5	5	5	5	6	6	6	6	6	6	7	7
Gerringong	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Glenmore Park	4	4	4	5	5	5	6	6	6	6	6	7	7	7	7	7	8	8	8
Glenorie	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Glossodia	1	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	5
Granville	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4
Greystanes	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
Hartley Vale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hazelbrook	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Helensburgh	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Hinchinbrook	4	5	5	6	6	7	7	7	8	8	8	9	9	9	10	10	10	10	11
Holroyd	3	3	4	4	5	5	6	6	7	7	7	8	8	9	9	9	10	10	10
Homepride	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4
Horsley Park	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Huntingwood	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Huskisson	3	3	4	4	4	5	5	5	6	6	6	6	7	7	7	7	7	8	8
Ilford Hall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A4.16	Total rooftop PV capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Jamberoo	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Jasper Rd	2	2	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5
Jordan Springs	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5
Kandos	1	1	1	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4
Kangaroo Valley	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Katoomba	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
Kellyville	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5
Kembla Grange	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
Kemps Creek	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Kenny Street	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kenthurst	2	3	3	4	4	5	5	5	6	6	6	7	7	8	8	8	8	9	9
Kentlyn	4	4	5	5	6	6	6	7	7	7	8	8	8	9	9	9	9	10	10
Kiama	2	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	6	6
Kingswood	3	4	4	5	5	6	6	7	7	8	8	8	9	9	10	10	10	11	11
Kurrajong	1	2	2	2	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5
Leabons Lane	1	2	2	2	2	3	3	3	3	4	4	4	4	4	5	5	5	5	5
Lennox	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Lithgow	2	3	3	3	3	4	4	4	4	5	5	5	5	5	5	6	6	6	6
Liverpool 11kv	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
Luddenham	1	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4
Macquarie Fields	4	4	5	5	6	6	7	7	7	8	8	8	9	9	9	10	10	10	10
Maldon	2	3	4	4	5	5	6	6	7	7	8	8	9	9	9	10	10	10	11
Mamre	3	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	7	8	8
Marayong	1	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6
Marsden Park	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
Meadow Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Minto	5	6	6	7	7	7	8	8	8	9	9	9	10	10	10	10	10	11	11
Mittagong	2	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	6	6	6
Moorebank	1	1	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4
Moss Vale	2	3	3	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	6
Mount Ousley	1	1	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4
Mungerie Park	9	10	11	12	13	13	14	15	15	16	17	17	18	18	19	19	20	20	21

Table A4.16	Total rooftop PV capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	6	7	7	8	8	9	10	10	11	11	12	12	13	13	14	14	15	16	16
Nepean 11kv	5	5	6	7	8	8	9	10	10	11	11	12	13	14	14	15	16	17	17
Newton	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4
North Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Leppington	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3
North Parramatta	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4
North Richmond	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4
North Rocks	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
North Warragamba	1	2	2	2	3	3	3	4	4	4	4	5	5	5	5	5	6	6	6
North Wollongong	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3
Northmead	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4
Nowra	2	3	3	3	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7
Oakdale	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
Oran Park	4	5	6	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19	20
Parklea	9	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	17	18	18
Penrith 11kv	1	1	1	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4
Plumpton	3	4	4	4	5	5	6	6	6	6	7	7	7	8	8	8	8	9	9
Port Central	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Port Kembla	1	2	2	2	2	3	3	3	3	4	4	4	4	4	5	5	5	5	5
Portland	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Prestons	4	4	5	5	5	6	6	6	6	7	7	7	8	8	8	8	9	9	9
Prospect	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
Quakers Hill	4	5	5	6	6	7	7	8	8	8	9	9	9	10	10	10	11	11	11
Quarries	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Ringwood	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Riverstone	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	6
Robertson	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3
Rooty Hill	4	4	5	5	6	6	6	7	7	7	8	8	9	9	9	9	10	10	10
Rosehill	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Russell Vale	2	2	2	2	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5

Table A4.16	Total rooftop PV capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	2	2	2	3	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6
Schofields	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	12	13	13	13
Seven Hills	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
Shellharbour	4	4	5	5	6	6	7	7	8	8	8	9	9	10	10	10	11	11	11
Sherwood	1	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4
Smithfield	3	3	3	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6
South Granville	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4
South Leppington	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	8	9
South Marsden Park	1	1	1	2	2	2	2	3	3	3	3	3	4	4	4	4	5	5	5
South Nowra	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
South Windsor	3	3	4	4	4	5	5	5	6	6	6	7	7	7	7	8	8	8	8
South Wollongong	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
Springwood	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4
St Marys	2	3	3	4	4	4	5	5	5	6	6	6	7	7	7	7	8	8	8
Sussex Inlet	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
Tahmoor	2	3	4	4	5	5	6	6	7	7	8	8	9	9	9	10	10	10	11
The Oaks	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3
Tomerong	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
Ulladulla	3	4	4	4	5	5	6	6	6	6	7	7	7	7	7	8	8	8	8
Unanderra	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Warilla	2	3	3	4	4	4	5	5	5	6	6	6	7	7	7	7	7	8	8
Wentworth Falls	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
Werrington	2	3	3	3	4	4	4	5	5	5	5	5	6	6	6	6	7	7	7
West Castle Hill	2	2	3	3	3	3	4	4	4	4	4	5	5	5	5	5	6	6	6
West Liverpool 11kv	2	3	3	3	4	4	4	5	5	5	5	6	6	6	7	7	7	7	8
West Parramatta	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
West Pennant Hills	2	2	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	6	6
West Wetherill Park 11kv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A4.16	Total rooftop PV capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
Westmead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wetherill Park	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Whalan	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
Wilton	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Windsor	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4
Wisemans	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Wombarra	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Woodpark	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Yatte Yattah	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Yennora	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4
GRAND TOTAL	**288**	**342**	**382**	**418**	**457**	**492**	**528**	**561**	**589**	**615**	**646**	**676**	**706**	**735**	**761**	**786**	**809**	**832**	**855**

Table A4.17	Total battery capacity by ZSS – AEMO Net Zero 2050																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	1	2	2	3	4	5	6	7	8	10	11	13	15	18	20	22	25	27	29
Albion Park	2	2	3	4	5	7	8	9	11	12	14	16	18	21	23	26	28	30	31
Ambarvale	1	2	2	3	4	5	6	7	8	10	11	13	15	18	20	22	24	26	28
Anzac Village	1	1	2	2	3	4	5	6	7	8	9	11	13	15	16	18	20	22	23
Appin	0	0	1	1	1	2	2	3	3	4	5	5	6	7	8	9	10	11	11
Arndell Park	1	1	1	2	2	3	3	4	5	6	7	8	9	10	11	13	14	15	16
Baulkham Hills 11kv	1	2	2	3	4	5	6	7	9	10	12	14	16	18	20	23	25	27	29
Bella Vista	2	2	3	4	5	7	9	10	13	15	18	21	25	29	32	36	39	43	46
Berry	1	1	1	2	2	3	3	4	5	5	6	8	9	10	11	12	14	15	15
Blackheath	0	1	1	1	1	2	2	2	2	2	3	3	4	4	4	5	5	6	6
Blackmans Flat	0	0	0	1	1	1	2	2	3	3	4	5	5	6	7	8	9	9	10
Blaxland	1	1	1	2	3	3	3	4	4	5	5	6	7	8	9	9	10	11	11
Bolong	0	0	0	0	0	1	1	1	1	1	2	2	2	3	3	3	3	4	4
Bomaderry	1	2	2	3	4	5	6	7	8	9	11	13	14	17	18	20	22	24	25
Bonnyrigg	1	2	2	3	5	6	7	8	10	11	13	15	17	20	22	24	27	29	31
Bossley Park	1	1	2	2	3	4	4	5	6	6	7	8	9	11	12	13	14	15	15
Bow Bowing	1	1	1	2	2	3	3	4	4	5	6	6	7	8	9	10	11	12	12
Bowral	1	1	2	3	4	5	7	8	9	11	13	15	18	20	23	25	27	29	31
Bringelly	0	1	1	1	2	3	4	5	6	7	9	10	12	14	17	19	21	23	25
Bulli	1	1	2	3	4	5	6	8	10	11	14	16	19	22	25	28	31	33	35
Bylong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Cabramatta	1	1	1	2	2	3	4	4	5	6	7	8	9	11	12	13	15	16	17
Cambridge Park	1	2	2	3	4	6	7	8	10	11	13	16	18	21	23	26	28	31	32
Campbelltown	1	2	2	4	5	7	8	9	12	13	16	19	22	25	29	32	36	39	42
Canley Vale	1	2	2	3	5	6	7	8	9	10	12	14	16	18	20	22	24	25	27
Carramar	1	1	1	2	2	3	4	4	5	5	6	7	8	9	11	12	13	14	14
Castle Hill	1	1	2	3	5	6	8	10	12	15	18	21	25	29	33	36	40	44	46
Casula	1	2	2	4	5	6	8	9	11	13	15	18	20	23	26	29	32	35	37
Cattai	1	1	1	2	2	3	4	4	5	6	7	9	10	12	13	15	16	18	19
Cawdor	1	1	2	3	4	5	7	8	11	13	15	18	22	26	30	34	37	41	45
Cheriton Avenue	1	1	2	3	4	6	7	9	11	13	15	18	21	25	29	32	35	39	41

Table A4.17	Total battery capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	1	1	1	2	2	3	3	4	5	5	6	7	9	10	11	12	14	15	16
Claremont Meadows	1	2	2	4	5	6	8	10	12	14	17	21	24	28	32	36	40	44	47
Corrimal	1	1	2	3	4	5	6	7	8	9	11	13	14	16	18	20	22	23	24
Cranebrook	1	1	2	2	3	4	5	6	8	9	11	13	15	17	19	22	24	26	27
Culburra	1	1	1	2	3	3	4	5	6	6	8	9	10	12	13	15	16	17	18
Dapto	2	3	3	5	6	8	9	11	13	14	17	19	22	25	28	31	34	37	38
Darkes Forest	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2
Doonside	2	3	4	6	8	10	12	14	17	20	24	28	33	38	43	47	52	56	60
Dundas	1	2	3	4	5	7	9	10	12	14	16	19	22	25	28	31	34	37	39
East Richmond	1	1	1	2	2	3	3	4	4	5	6	6	7	8	9	10	11	11	12
Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
Edmondson Park	1	1	1	1	2	2	3	4	5	5	6	8	9	10	12	13	14	15	16
Emu Plains	1	1	1	2	3	3	4	4	5	5	6	7	8	9	10	11	12	13	14
Fairfield	1	1	1	2	2	3	3	3	4	4	5	5	6	7	7	8	8	9	9
Figtree	1	2	2	3	4	5	6	7	9	10	12	14	16	18	20	22	24	26	27
Gerringong	0	1	1	1	1	1	2	2	2	2	3	3	3	4	4	5	5	5	6
Glenmore Park	2	2	2	3	4	6	7	8	9	11	13	15	17	19	22	24	26	28	30
Glenorie	0	0	0	1	1	1	2	2	2	3	3	4	5	5	6	7	7	8	9
Glossodia	1	1	1	2	2	3	4	5	6	7	8	9	11	13	14	16	17	19	20
Granville	1	1	2	2	3	4	5	6	7	8	9	10	12	13	15	17	18	20	21
Greystanes	1	1	1	2	2	3	3	4	4	5	6	6	7	8	9	10	11	12	13
Hartley Vale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hazelbrook	1	1	1	1	2	2	2	2	3	3	3	4	4	5	5	6	6	7	7
Helensburgh	0	1	1	1	1	2	2	2	3	3	4	4	5	5	6	7	7	8	8
Hinchinbrook	2	2	3	5	6	8	9	11	13	15	18	21	24	28	31	35	38	41	44
Holroyd	2	2	3	5	7	9	10	12	15	17	20	24	27	32	36	40	43	47	50
Homepride	1	1	2	2	3	4	5	6	7	9	10	12	13	15	17	19	20	22	23
Horsley Park	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3
Huntingwood	0	0	0	0	1	1	1	1	2	2	2	2	3	3	4	4	4	5	5
Huskisson	1	2	2	3	4	5	7	8	9	11	13	15	17	20	22	24	26	28	30
Ilford Hall	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A4.17	Total battery capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Jamberoo	0	0	0	1	1	1	1	1	2	2	2	3	3	4	4	5	5	6	6
Jasper Rd	1	2	2	3	4	5	6	6	8	9	10	11	13	15	17	19	20	22	23
Jordan Springs	1	1	1	2	3	3	4	5	6	6	8	9	10	12	13	15	16	17	18
Kandos	0	1	1	1	2	3	3	4	5	6	7	8	10	11	13	14	16	17	18
Kangaroo Valley	0	0	0	0	1	1	1	1	1	1	2	2	2	3	3	3	3	4	4
Katoomba	1	1	1	2	2	3	3	4	4	5	5	6	7	8	8	9	10	10	11
Kellyville	1	1	1	2	2	3	4	5	6	7	8	9	11	13	14	16	18	19	20
Kembla Grange	0	1	1	1	1	2	2	2	3	3	4	5	6	6	7	8	9	10	10
Kemps Creek	0	0	1	1	1	2	2	2	3	3	4	5	5	6	7	8	8	9	9
Kenny Street	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kenthurst	1	1	2	3	4	6	7	9	11	13	16	19	22	26	30	33	37	40	43
Kentlyn	2	2	3	4	6	8	9	11	13	15	18	21	24	28	32	35	38	41	43
Kiama	1	1	2	2	3	4	5	6	7	8	9	11	13	14	16	18	20	21	22
Kingswood	2	2	3	5	7	9	11	13	16	18	22	26	30	34	39	43	47	50	53
Kurrajong	1	1	1	2	3	3	4	5	6	7	9	10	12	14	16	17	19	21	22
Leabons Lane	1	1	2	2	3	4	5	6	7	8	10	12	13	15	18	20	21	23	25
Lennox	1	1	1	2	3	4	5	5	6	7	8	9	10	11	12	13	14	15	16
Lithgow	1	1	2	3	3	4	5	6	7	8	9	11	12	14	16	17	19	20	21
Liverpool 11kv	1	1	2	3	4	5	6	6	7	8	9	11	12	13	14	16	17	17	18
Luddenham	0	1	1	1	2	3	3	4	5	6	8	10	12	14	16	18	20	22	24
Macquarie Fields	2	2	3	4	6	8	9	11	14	16	19	22	25	29	33	36	39	42	44
Maldon	1	2	2	4	5	7	8	10	13	15	19	22	26	30	35	39	43	46	49
Mamre	1	2	2	3	4	5	7	8	9	11	13	15	17	20	23	25	27	30	32
Marayong	1	1	2	3	4	5	6	7	9	10	12	14	16	19	21	24	26	28	30
Marsden Park	1	1	1	2	2	3	3	4	4	5	6	6	7	8	9	10	11	12	13
Meadow Flat	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2
Minto	2	3	4	5	7	9	10	12	14	15	18	21	24	27	30	33	36	39	41
Mittagong	1	1	2	3	4	5	6	7	8	9	11	13	15	17	19	21	23	25	26
Moorebank	1	1	1	2	2	3	4	5	6	7	8	9	11	12	14	15	17	18	19
Moss Vale	1	1	2	3	4	5	6	7	9	10	12	14	16	18	20	22	24	26	27
Mount Ousley	1	1	1	2	3	4	5	5	6	7	9	10	11	13	15	16	17	19	20
Mungerie Park	4	5	6	8	11	14	17	20	24	28	34	39	45	52	59	66	72	78	82

Table A4.17	Total battery capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	3	3	4	6	9	11	14	16	20	23	28	34	39	46	53	60	67	74	79
Nepean 11kv	2	3	4	5	8	10	13	16	20	24	29	35	42	49	57	65	73	81	89
Newton	1	1	1	2	3	3	4	5	5	6	7	8	9	10	11	13	14	15	16
North Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
North Leppington	0	0	1	1	1	2	2	3	3	4	5	6	7	8	9	11	12	13	14
North Parramatta	1	1	2	3	4	5	6	6	7	8	10	11	12	14	16	17	19	20	21
North Richmond	1	1	1	2	2	3	4	5	6	7	8	9	11	12	14	15	17	18	19
North Rocks	1	1	1	2	2	3	3	4	5	5	6	7	9	10	11	12	14	15	16
North Warragamba	1	1	1	2	3	4	5	6	7	9	11	13	15	18	20	23	25	27	29
North Wollongong	1	1	1	2	2	3	3	4	5	5	6	7	8	9	10	11	12	12	13
Northmead	1	1	1	2	3	4	4	5	6	7	8	9	11	12	14	16	17	19	20
Nowra	1	2	2	3	4	5	7	8	9	11	13	15	17	20	22	24	26	29	30
Oakdale	0	0	0	1	1	1	1	2	2	3	3	4	5	5	6	7	8	8	9
Oran Park	2	3	4	6	9	12	15	19	24	30	37	45	54	64	75	86	97	109	119
Parklea	4	4	5	8	10	12	15	17	21	24	28	33	38	43	49	54	59	65	68
Penrith 11kv	1	1	1	2	3	4	5	6	7	8	10	12	13	15	17	18	20	21	22
Plumpton	2	2	3	4	5	7	8	10	12	14	16	19	22	25	28	31	34	37	39
Port Central	0	1	1	1	2	2	2	3	3	4	5	5	6	7	8	8	9	10	10
Port Kembla	1	1	2	2	3	4	5	6	8	9	10	12	14	16	18	20	22	24	25
Portland	0	0	0	1	1	1	1	1	2	2	2	2	3	3	4	4	4	5	5
Prestons	2	2	2	4	5	6	7	9	11	12	15	17	20	24	27	30	33	36	39
Prospect	1	1	1	2	3	3	4	4	5	5	6	6	7	8	9	10	11	12	12
Quakers Hill	2	2	3	5	6	8	10	12	14	16	20	23	26	31	35	38	42	46	48
Quarries	0	1	1	1	1	2	2	2	3	3	4	5	5	6	7	8	8	9	9
Ringwood	0	1	1	1	2	2	2	3	3	4	5	5	6	7	8	9	9	10	11
Riverstone	1	1	2	2	3	4	5	6	7	8	9	11	12	14	16	17	19	20	21
Robertson	0	0	1	1	1	2	2	3	3	4	5	6	7	8	9	10	11	12	13
Rooty Hill	2	2	3	4	5	7	9	10	13	15	17	20	24	27	31	34	38	41	43
Rosehill	0	0	0	1	1	1	2	2	2	2	3	3	4	4	5	5	5	6	6
Russell Vale	1	1	2	3	4	5	6	7	8	9	11	13	15	17	19	20	22	24	25

Table A4.17	Total battery capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	1	2	2	3	5	6	7	8	10	11	13	15	17	20	22	25	27	29	31
Schofields	2	3	3	5	7	9	11	13	16	18	22	26	30	35	40	45	49	53	57
Seven Hills	1	1	1	2	2	3	3	3	4	4	5	6	6	7	8	9	9	10	10
Shellharbour	2	2	3	4	6	8	10	11	14	16	19	22	26	30	34	37	40	44	46
Sherwood	1	1	2	2	3	4	5	6	7	8	9	10	12	13	15	16	18	19	20
Smithfield	1	2	2	3	4	5	6	7	8	9	11	12	14	16	18	19	21	22	24
South Granville	1	1	1	2	3	3	4	5	6	6	8	9	10	12	13	14	16	17	18
South Leppington	1	2	2	3	4	6	7	9	11	13	15	18	21	25	28	31	35	38	40
South Marsden Park	0	1	1	1	2	3	4	5	6	7	9	11	13	15	18	20	22	25	26
South Nowra	0	0	1	1	1	1	2	2	2	2	3	3	4	4	5	5	6	6	6
South Windsor	1	2	2	3	5	6	7	9	11	12	15	17	20	23	26	28	31	33	35
South Wollongong	0	1	1	1	2	2	2	3	3	3	4	5	5	6	6	7	7	8	8
Springwood	1	1	2	2	3	4	4	5	5	6	7	8	9	10	11	12	13	14	14
St Marys	1	2	2	3	5	6	8	9	11	13	16	18	21	24	27	30	33	36	38
Sussex Inlet	0	1	1	1	2	2	3	3	4	5	6	7	8	9	10	11	12	13	14
Tahmoor	1	2	2	4	5	7	9	11	13	16	19	23	27	31	36	40	44	48	51
The Oaks	0	1	1	1	2	2	3	3	4	5	6	7	9	10	12	13	15	16	18
Tomerong	1	1	1	1	2	2	3	3	3	4	4	5	5	6	7	7	8	9	9
Ulladulla	2	2	3	4	5	7	8	9	11	13	15	17	20	23	25	28	30	32	34
Unanderra	0	1	1	1	1	2	2	2	3	3	4	4	5	5	6	7	7	8	8
Warilla	1	2	2	3	5	6	7	8	10	12	14	16	18	21	24	26	29	31	33
Wentworth Falls	0	1	1	1	1	2	2	2	3	3	3	4	4	5	6	6	7	7	7
Werrington	1	2	2	4	5	6	8	9	10	12	14	16	18	21	23	26	28	30	31
West Castle Hill	1	1	2	3	4	5	6	7	8	9	11	13	15	17	20	22	24	26	28
West Liverpool 11kv	1	2	2	3	5	6	7	9	11	12	15	17	20	23	26	29	31	34	36
West Parramatta	0	0	1	1	1	2	2	2	2	3	3	3	3	4	4	4	5	5	5
West Pennant Hills	1	1	2	2	3	4	5	6	7	8	10	12	13	15	18	20	21	23	25
West Wetherill Park 11kv	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Table A4.17	Total battery capacity by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	1	1	1	2	2	3	3	4	5	5	6	7	8	10	11	12	13	14	15
Westmead	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3
Wetherill Park	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3
Whalan	1	1	2	3	3	4	5	5	6	7	8	9	11	12	13	15	16	17	18
Wilton	0	0	0	1	1	1	1	1	2	2	2	3	3	4	4	4	5	5	6
Windsor	1	1	1	2	2	3	4	4	5	6	7	8	9	10	11	12	13	14	15
Wisemans	0	0	0	1	1	1	1	1	2	2	2	3	3	4	4	5	5	5	6
Wombarra	0	1	1	1	1	2	2	2	3	3	4	5	5	6	7	8	8	9	9
Woodpark	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3
Yatte Yattah	0	0	1	1	1	1	2	2	3	3	4	4	5	6	6	7	8	8	9
Yennora	1	1	1	2	3	3	4	5	5	6	7	8	10	11	12	13	15	16	16
GRAND TOTAL	**152**	**193**	**249**	**377**	**507**	**655**	**797**	**934**	**1132**	**1307**	**1558**	**1819**	**2098**	**2418**	**2731**	**3029**	**3317**	**3599**	**3812**

Table A4.18	Total battery customers by ZSS – AEMO Net Zero 2050																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	135	155	185	258	321	392	454	518	619	707	835	968	1109	1273	1436	1591	1742	1891	2006
Albion Park	188	209	243	334	406	487	555	624	734	823	957	1092	1235	1397	1551	1693	1826	1954	2040
Ambarvale	123	145	176	250	313	386	450	517	620	708	837	969	1108	1267	1421	1566	1705	1839	1935
Anzac Village	100	116	140	197	247	304	355	408	490	561	664	771	885	1015	1142	1263	1379	1492	1575
Appin	36	44	55	81	104	131	158	187	230	268	321	376	433	497	560	618	674	727	765
Arndell Park	64	79	98	141	178	220	255	292	348	397	468	540	618	706	792	873	950	1025	1079
Baulkham Hills 11kv	120	143	175	250	314	387	448	513	613	699	825	955	1093	1252	1407	1553	1694	1831	1932
Bella Vista	168	194	233	331	417	518	616	720	877	1016	1213	1417	1632	1877	2117	2342	2559	2768	2923
Berry	64	75	90	127	160	197	232	269	325	373	442	513	586	670	750	825	895	962	1010
Blackheath	43	49	58	80	97	115	127	139	159	174	199	223	249	279	307	332	355	378	392
Blackmans Flat	24	33	44	66	87	111	136	162	201	235	283	332	383	440	496	548	597	644	678
Blaxland	101	110	125	167	197	230	252	273	311	338	383	428	476	531	582	628	671	711	737
Bolong	13	16	20	30	38	48	57	67	82	95	113	132	151	173	194	214	233	250	263
Bomaderry	124	141	167	232	286	348	401	455	541	612	716	822	932	1057	1177	1286	1389	1486	1553
Bonnyrigg	143	169	205	289	361	441	508	577	685	776	910	1047	1192	1358	1519	1669	1811	1948	2046
Bossley Park	103	114	131	178	214	255	286	317	369	409	470	531	596	669	738	799	857	911	945
Bow Bowing	60	69	83	116	144	175	200	226	266	299	348	397	448	507	562	612	658	702	731
Bowral	108	134	168	244	311	388	458	533	644	741	879	1019	1166	1331	1491	1639	1778	1910	2003
Bringelly	43	57	75	115	154	202	251	306	385	460	564	674	792	927	1064	1196	1327	1456	1560
Bulli	96	123	158	236	308	390	472	559	687	803	965	1133	1310	1510	1708	1894	2074	2248	2379
Bylong	2	2	3	4	6	7	9	10	12	14	17	20	23	26	29	32	34	37	39
Cabramatta	61	78	99	144	184	229	266	306	367	419	495	572	655	748	839	925	1006	1084	1141
Cambridge Park	142	162	191	267	332	406	473	544	651	744	877	1013	1157	1320	1477	1623	1761	1894	1988
Campbelltown	120	152	193	283	365	461	546	638	777	901	1078	1263	1462	1690	1918	2136	2350	2561	2724
Canley Vale	137	166	204	288	358	435	493	552	646	723	838	955	1080	1221	1357	1483	1601	1714	1791
Carramar	63	81	103	148	186	229	260	293	345	387	450	514	581	657	729	795	857	916	955
Castle Hill	88	126	172	267	357	465	577	698	871	1030	1248	1472	1705	1968	2225	2464	2692	2910	3070
Casula	141	170	208	299	378	469	552	639	771	886	1051	1219	1396	1597	1792	1974	2147	2313	2433
Cattai	56	70	88	129	167	211	255	302	371	433	519	607	698	802	902	995	1084	1168	1229
Cawdor	98	126	162	242	319	411	501	601	748	886	1080	1286	1508	1765	2026	2281	2534	2788	2993
Cheriton Avenue	101	126	160	237	308	393	475	565	697	818	988	1165	1353	1567	1780	1983	2180	2373	2520

Table A4.18	Total battery customers by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	69	80	96	136	170	208	240	274	326	371	437	506	580	664	748	827	904	979	1036
Claremont Meadows	122	157	202	301	393	501	608	723	893	1049	1268	1497	1739	2016	2292	2557	2814	3067	3262
Corrimal	113	136	167	237	295	361	414	469	554	624	728	832	941	1065	1182	1289	1388	1482	1545
Cranebrook	90	109	135	195	249	312	373	437	533	618	738	860	989	1135	1277	1409	1534	1655	1742
Culburra	77	95	118	169	213	263	305	349	416	473	557	642	731	832	930	1021	1106	1188	1246
Dapto	213	240	281	388	476	575	660	748	885	1000	1167	1338	1516	1719	1913	2091	2259	2418	2527
Darkes Forest	3	5	7	11	15	20	26	33	42	50	61	73	84	98	111	123	134	145	153
Doonside	239	285	348	497	627	777	911	1053	1269	1457	1728	2007	2303	2639	2969	3278	3575	3862	4072
Dundas	146	186	235	343	436	541	627	716	853	971	1142	1317	1504	1716	1923	2115	2299	2477	2604
East Richmond	63	72	86	120	147	177	199	221	258	287	330	374	420	472	521	565	606	644	669
Eastern Creek	4	4	5	7	8	10	11	12	14	16	19	21	24	27	29	32	34	36	38
Edmondson Park	52	63	79	115	147	186	225	267	328	383	461	540	623	717	810	896	978	1057	1115
Emu Plains	94	105	122	166	201	240	268	297	345	384	442	501	563	635	703	765	823	878	916
Fairfield	70	83	99	136	165	196	212	228	256	277	310	344	381	423	462	497	530	561	579
Figtree	132	153	182	255	316	385	444	505	599	678	793	908	1029	1166	1295	1413	1522	1626	1696
Gerringong	42	47	54	73	88	105	115	126	145	159	182	205	229	257	283	307	329	351	365
Glenmore Park	164	181	210	288	353	427	492	560	665	754	884	1017	1158	1319	1475	1620	1757	1890	1984
Glenorie	28	33	40	58	73	92	110	130	159	186	223	261	301	347	392	434	475	514	543
Glossodia	68	83	103	149	191	239	287	337	411	477	569	663	760	870	977	1075	1168	1257	1319
Granville	85	109	139	201	253	312	353	397	466	524	610	700	795	905	1012	1113	1209	1303	1370
Greystanes	70	83	100	140	173	209	236	263	307	344	398	455	515	584	651	714	774	832	873
Hartley Vale	3	3	4	5	6	7	8	9	10	11	13	14	16	17	19	20	22	23	24
Hazelbrook	61	68	78	105	125	147	161	175	200	218	247	276	307	343	377	407	435	462	479
Helensburgh	40	47	56	79	98	119	137	156	185	209	244	279	317	359	399	435	469	502	524
Hinchinbrook	201	227	268	373	463	566	655	750	896	1021	1203	1390	1589	1816	2038	2245	2444	2636	2776
Holroyd	175	221	278	403	514	639	745	856	1027	1176	1391	1613	1849	2119	2383	2632	2870	3102	3272
Homepride	72	94	123	181	233	290	331	374	442	497	579	662	750	850	945	1032	1113	1191	1242
Horsley Park	22	23	25	33	39	45	50	54	62	67	77	86	95	106	117	126	135	143	148
Huntingwood	19	22	27	38	48	59	69	80	96	109	129	149	170	193	215	236	254	272	285
Huskisson	128	147	175	246	306	374	434	497	594	675	793	911	1035	1175	1308	1430	1543	1650	1723
Ilford Hall	5	6	8	12	16	20	24	29	35	41	49	57	65	75	84	92	100	107	112
Inner Harbour	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2

Table A4.18	Total battery customers by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	20	25	31	45	57	71	86	101	123	143	172	201	231	265	299	330	360	389	410
Jasper Rd	122	144	173	243	302	366	414	463	541	606	703	804	911	1035	1156	1268	1376	1482	1556
Jordan Springs	92	104	123	171	211	257	297	340	405	461	542	625	712	812	908	997	1082	1164	1222
Kandos	37	53	72	111	149	193	239	289	359	423	511	601	693	797	898	991	1079	1162	1221
Kangaroo Valley	15	18	23	33	41	51	61	70	85	98	116	134	154	176	197	217	235	253	266
Katoomba	81	94	112	153	185	218	238	257	292	317	358	399	444	494	542	584	624	661	684
Kellyville	80	94	113	161	203	252	298	347	421	487	581	678	782	900	1017	1128	1234	1339	1417
Kembla Grange	40	47	57	82	103	128	152	177	215	248	296	345	396	455	512	565	617	667	703
Kemps Creek	33	39	48	69	88	110	130	151	183	211	251	292	335	384	431	476	518	559	589
Kenny Street	16	19	24	32	39	44	45	44	46	45	47	48	49	52	53	54	55	55	54
Kenthurst	104	129	163	242	316	405	498	600	748	884	1072	1267	1472	1705	1935	2151	2360	2563	2715
Kentlyn	184	215	258	365	456	561	654	750	898	1024	1206	1391	1585	1805	2017	2213	2397	2573	2696
Kiama	104	121	145	205	255	312	360	411	490	556	653	753	858	977	1092	1200	1301	1399	1468
Kingswood	160	199	251	369	474	596	706	823	999	1152	1368	1589	1820	2082	2334	2567	2786	2996	3144
Kurrajong	74	91	113	164	210	264	317	373	456	530	633	739	849	973	1093	1204	1310	1410	1482
Leabons Lane	83	106	134	196	251	315	372	432	522	602	716	833	958	1100	1239	1369	1495	1616	1705
Lennox	66	88	113	164	206	252	274	297	337	364	409	454	503	558	609	653	693	730	750
Lithgow	101	121	147	207	258	315	363	412	489	553	646	741	839	951	1058	1155	1246	1333	1391
Liverpool 11kv	114	129	151	207	249	293	312	329	363	383	419	453	491	534	571	601	625	647	652
Luddenham	36	50	68	106	144	191	243	301	384	464	573	690	813	955	1099	1239	1378	1516	1627
Macquarie Fields	171	203	247	352	444	549	645	746	898	1029	1215	1404	1602	1826	2040	2236	2421	2597	2718
Maldon	119	152	193	289	378	485	598	720	897	1059	1283	1515	1757	2032	2301	2555	2798	3033	3208
Mamre	143	164	195	273	340	417	486	560	672	769	909	1053	1205	1379	1547	1705	1856	2002	2107
Marayong	87	112	144	212	273	344	410	481	585	678	810	945	1087	1249	1407	1555	1696	1832	1931
Marsden Park	96	102	113	150	178	211	239	267	314	352	409	467	529	599	668	731	791	849	890
Meadow Flat	8	9	11	16	20	25	29	34	41	46	55	63	72	82	91	100	108	116	121
Minto	238	268	313	430	526	633	720	809	950	1065	1237	1412	1595	1804	2004	2187	2359	2523	2634
Mittagong	111	130	158	224	280	345	401	461	552	631	745	862	985	1126	1262	1390	1511	1628	1713
Moorebank	58	72	91	133	171	215	256	299	364	421	502	586	674	774	872	964	1051	1135	1196
Moss Vale	107	127	154	220	277	343	403	465	559	640	756	873	996	1134	1266	1388	1501	1609	1684
Mount Ousley	82	100	124	179	225	277	321	366	436	495	580	666	756	858	955	1044	1126	1204	1257
Mungerie Park	381	423	493	683	844	1031	1204	1387	1666	1909	2258	2618	2998	3431	3852	4246	4623	4987	5252

Table A4.18	Total battery customers by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	263	298	355	503	634	790	929	1079	1310	1519	1822	2143	2495	2905	3322	3730	4137	4548	4878
Nepean 11kv	205	246	305	449	583	747	911	1093	1365	1624	1990	2383	2810	3309	3822	4331	4845	5363	5795
Newton	84	97	116	161	198	240	270	301	352	393	455	518	586	663	738	808	874	938	982
North Eastern Creek	3	3	4	5	6	8	9	10	12	14	16	19	21	24	27	29	31	33	34
North Leppington	24	34	47	72	97	127	159	193	243	290	354	422	493	574	656	734	810	884	942
North Parramatta	99	128	162	234	295	361	402	444	513	567	652	738	832	941	1046	1144	1237	1328	1391
North Richmond	63	77	95	139	178	223	267	315	384	446	533	621	712	816	916	1008	1095	1178	1236
North Rocks	64	78	96	138	174	216	250	287	343	392	463	536	615	705	794	878	959	1038	1096
North Warragamba	67	87	113	170	224	288	357	431	538	637	773	915	1064	1232	1399	1557	1709	1856	1967
North Wollongong	53	68	87	125	156	189	211	234	271	299	342	385	430	481	527	569	606	640	660
Northmead	74	93	116	168	214	266	307	351	420	478	564	652	747	855	961	1062	1158	1252	1321
Nowra	113	139	172	248	315	391	459	530	638	731	864	1000	1141	1302	1456	1598	1732	1859	1948
Oakdale	16	23	30	47	63	82	102	125	157	187	228	270	315	365	414	461	506	550	583
Oran Park	202	264	345	527	706	927	1163	1426	1813	2190	2716	3284	3899	4617	5360	6099	6848	7604	8240
Parklea	367	398	457	624	763	921	1062	1210	1441	1639	1930	2230	2548	2914	3272	3609	3934	4251	4485
Penrith 11kv	64	84	110	164	212	263	304	346	412	467	546	625	709	803	892	972	1046	1115	1161
Plumpton	169	200	243	345	433	532	616	703	837	952	1119	1291	1474	1682	1885	2074	2254	2429	2554
Port Central	35	44	56	81	103	127	147	168	200	226	264	303	343	388	431	469	505	538	560
Port Kembla	82	105	133	195	250	313	369	429	518	596	706	819	936	1069	1196	1314	1424	1530	1604
Portland	23	26	31	44	54	66	77	88	106	120	142	163	185	211	235	257	278	298	311
Prestons	161	181	213	298	372	459	540	626	758	875	1044	1220	1409	1625	1840	2046	2247	2445	2596
Prospect	85	98	117	160	195	233	256	279	319	349	398	448	502	565	625	681	735	787	823
Quakers Hill	199	234	283	401	504	623	730	844	1016	1166	1382	1605	1840	2109	2372	2618	2854	3083	3250
Quarries	42	49	60	85	106	130	150	170	202	229	269	310	353	403	451	496	539	580	610
Ringwood	48	56	67	95	118	145	169	193	230	262	308	355	404	460	513	563	609	653	683
Riverstone	108	115	129	174	211	252	288	325	384	432	503	574	648	733	813	885	952	1015	1057
Robertson	35	44	55	82	107	136	165	196	242	284	343	404	467	540	611	678	742	805	851
Rooty Hill	170	197	238	337	424	525	620	720	872	1005	1195	1391	1597	1832	2062	2277	2482	2681	2827
Rosehill	22	30	38	56	72	89	100	112	132	148	171	195	221	251	280	306	331	355	372
Russell Vale	100	124	153	221	279	345	402	462	552	629	740	852	969	1101	1227	1342	1450	1552	1621

Table A4.18	Total battery customers by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	119	149	187	271	343	424	487	552	655	742	869	1001	1142	1303	1461	1608	1749	1887	1986
Schofields	211	245	296	421	532	663	792	930	1135	1319	1578	1846	2128	2449	2764	3060	3345	3620	3824
Seven Hills	67	76	89	121	146	174	191	208	237	259	293	328	366	409	450	487	521	554	575
Shellharbour	171	205	251	361	457	567	667	773	933	1071	1268	1469	1680	1919	2149	2362	2563	2756	2891
Sherwood	96	116	142	201	249	302	338	375	436	484	558	633	713	804	891	970	1045	1117	1164
Smithfield	146	167	197	272	333	400	451	502	585	651	752	852	958	1079	1193	1296	1392	1484	1543
South Granville	69	88	111	162	206	255	296	338	404	460	543	628	718	821	922	1016	1107	1194	1258
South Leppington	122	146	180	261	336	424	514	611	753	883	1063	1250	1446	1669	1889	2096	2296	2490	2635
South Marsden Park	40	54	73	114	155	205	260	321	410	494	611	734	864	1014	1165	1311	1456	1599	1714
South Nowra	32	37	43	60	74	89	102	114	134	151	175	199	225	254	281	306	329	351	365
South Windsor	130	156	192	274	347	430	508	590	713	820	973	1129	1292	1477	1656	1822	1979	2129	2236
South Wollongong	40	50	62	88	110	133	147	160	184	201	227	254	282	314	343	368	390	411	423
Springwood	117	129	148	199	238	281	310	340	390	428	489	550	614	688	757	820	879	935	970
St Marys	124	154	193	282	360	451	532	618	748	861	1022	1187	1360	1557	1748	1925	2094	2256	2371
Sussex Inlet	48	60	75	110	140	175	208	242	293	338	402	468	537	616	692	764	832	897	944
Tahmoor	122	158	204	305	401	514	631	757	940	1107	1339	1579	1829	2113	2392	2654	2906	3148	3329
The Oaks	39	50	64	95	125	161	198	239	299	356	436	521	612	718	825	931	1036	1140	1226
Tomerong	69	77	88	119	143	169	188	207	238	263	301	340	381	428	472	513	552	588	613
Ulladulla	170	197	235	329	407	494	565	639	754	849	989	1131	1280	1450	1611	1758	1895	2026	2114
Unanderra	38	45	55	77	95	116	133	150	177	200	233	266	300	339	376	410	441	471	490
Warilla	131	160	197	282	356	440	514	590	707	807	951	1099	1254	1430	1600	1757	1906	2049	2150
Wentworth Falls	44	51	60	83	102	122	137	153	178	198	229	260	294	332	368	402	433	464	484
Werrington	121	149	187	271	346	431	494	560	663	749	874	1003	1138	1293	1441	1578	1706	1830	1915
West Castle Hill	101	121	149	215	273	339	400	464	561	647	770	897	1032	1186	1338	1481	1620	1754	1854
West Liverpool 11kv	118	145	180	261	333	415	487	562	677	776	918	1063	1217	1392	1561	1718	1867	2011	2113
West Parramatta	27	35	45	64	79	95	101	106	117	123	134	145	158	173	186	197	207	216	219
West Pennant Hills	99	115	138	196	246	304	358	415	502	578	688	801	922	1059	1194	1322	1444	1564	1653
West Wetherill Park 11kv	15	16	19	24	28	32	33	34	36	36	38	40	42	44	46	48	49	50	50

Table A4.18	Total battery customers by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	65	81	102	146	184	226	261	297	352	399	467	536	608	690	769	841	909	973	1017
Westmead	23	30	38	54	67	80	84	87	95	98	107	115	124	135	146	154	162	170	173
Wetherill Park	21	23	27	36	43	50	54	57	64	69	76	84	92	101	109	116	123	128	131
Whalan	104	122	146	204	251	302	338	375	434	482	555	629	708	799	887	967	1044	1117	1167
Wilton	25	28	34	47	59	73	85	99	119	137	162	189	216	247	278	306	333	359	378
Windsor	67	80	97	139	172	210	243	278	332	378	444	511	581	661	737	807	873	936	980
Wisemans	17	22	27	41	52	64	76	89	108	124	147	170	194	221	247	271	293	313	328
Wombarra	42	50	61	87	108	133	154	176	210	239	280	322	366	416	464	508	549	588	614
Woodpark	12	14	16	23	29	35	41	46	55	62	73	83	95	108	120	131	141	151	158
Yatte Yattah	29	36	46	68	87	109	130	152	186	215	257	301	346	398	450	498	544	589	622
Yennora	72	88	109	156	196	242	279	318	379	430	503	578	657	746	831	909	982	1051	1099
GRAND TOTAL	**14839**	**17698**	**21603**	**30846**	**38855**	**48057**	**56162**	**64713**	**77777**	**89121**	**105458**	**122285**	**140078**	**160392**	**180202**	**198772**	**216556**	**233788**	**246356**

A5. EV scenarios by ZSS

This section presents selected tables for plug-in electric vehicles by scenario and Endeavour Energy ZSS from 2021-22 to 2039-40.

NIEIR provided Endeavour Energy with the following indicators for plug-in electric vehicles by ZSS:

- registrations (stock) of plug-in electric vehicles by ownership (private or business) and total;
- annual energy (GWh) impacts for plug-in electric vehicles by sector (residential, commercial, industrial); and
- total peak demand (MW) impacts only.

A total of eight scenarios were prepared for plug-in electric vehicles, including NIEIR Base, High and Low scenarios. A further five scenarios were prepared based on the AEMO ISP state level scenarios for NSW (Slow Change, Steady Progress, Net Zero, Step Change and Hydrogen Superpower).

Tables for three selected scenarios are presented below. These results are presented as the total for each indicator by scenario. Further scenarios and indicators for plug-in electric vehicles have been provided directly to Endeavour Energy in excel files (NIEIR BHL scenarios EV 20012022.xlsx and NIEIR EV by ZSS by AEMO scenario 11012022.xlsx).

Tables A5.1 and A5.3 show plug-in electric vehicle indicators for the NIEIR June 2021 projection.

Tables A5.4 and A5.6 show plug-in electric vehicle indicators for the AEMO Step Change scenario.

Tables A5.7 and A5.9 show plug-in electric vehicle indicators for the AEMO Net Zero 2050 scenario.

Table A5.1 Total plug-in electric vehicle registrations by ZSS – NIEIR Base July 2021 (number)																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Abbotsbury	17	27	45	70	100	137	177	223	272	323	378	718	1127	1652	2313	3131	3932	4843	5871
Albion Park	21	34	55	85	120	161	207	256	310	372	442	800	1244	1808	2511	3371	4229	5202	6299
Ambarvale	11	18	31	49	71	98	129	165	203	244	289	563	888	1308	1837	2495	3133	3858	4677
Anzac Village	10	16	27	44	64	89	118	151	187	226	267	507	794	1163	1628	2201	2763	3402	4122
Appin	4	6	10	16	23	32	41	52	63	74	87	205	333	504	724	1004	1262	1557	1889
Arndell Park	8	14	23	37	53	73	97	123	152	183	217	314	463	642	850	1092	1367	1679	2029
Baulkham Hills 11kv	40	65	108	170	243	332	432	543	663	793	931	1119	1567	2048	2553	3067	3829	4687	5649
Bella Vista	37	61	101	159	228	312	407	512	627	752	885	1064	1490	1949	2429	2919	3643	4460	5373
Berrima Junction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Berry	23	37	61	94	133	179	229	284	343	407	474	535	734	936	1133	1315	1639	2003	2410
Blackheath	13	22	36	56	80	109	142	178	218	260	305	384	546	726	921	1129	1411	1728	2084
Blackmans Flat	6	10	16	26	37	50	65	81	98	116	136	232	356	512	704	936	1174	1444	1748
Blaxland	28	46	76	120	172	236	309	390	478	573	676	821	1154	1515	1896	2290	2859	3501	4218
Bolong Road	3	5	7	11	15	21	26	32	38	45	52	89	137	197	272	362	455	560	679
Bomaderry	22	35	56	86	120	161	204	252	302	355	410	606	900	1254	1671	2158	2704	3324	4023
Bonnyrigg	22	35	58	90	128	175	227	285	347	413	482	951	1502	2215	3117	4238	5323	6558	7952
Bossley Park	13	21	34	52	72	97	123	152	182	212	243	542	873	1310	1873	2583	3247	4004	4860
Bow Bowing	6	9	16	25	37	51	67	85	105	126	149	291	458	674	947	1286	1615	1989	2411
Bowral	63	101	165	255	358	481	616	762	920	1088	1266	1322	1760	2165	2505	2743	3407	4150	4978
Bringelly	7	12	21	33	48	67	87	111	136	164	193	333	512	738	1016	1354	1698	2090	2530
Bulli	18	30	50	79	114	157	205	259	318	382	451	790	1220	1763	2435	3254	4082	5022	6082
Bylong	0	1	1	3	4	6	8	10	12	15	18	27	40	56	74	96	121	148	179
Cabramatta	9	14	23	36	52	70	91	114	139	164	191	397	632	939	1330	1820	2286	2818	3418
Cambridge Park	12	21	36	57	84	118	156	200	249	301	358	673	1054	1541	2154	2909	3651	4494	5444
Campbelltown	12	19	33	53	76	106	139	177	217	261	308	559	869	1263	1756	2360	2962	3646	4417
Canley Vale	27	43	70	108	151	204	262	326	393	464	537	995	1553	2267	3162	4265	5356	6597	7999
Carramar	16	26	42	63	88	118	149	184	220	256	294	598	950	1408	1991	2719	3417	4212	5111
Castle Hill	67	109	179	279	396	538	695	870	1058	1260	1476	1668	2287	2918	3534	4107	5118	6256	7527

Table A5.1 Total plug-in electric vehicle registrations by ZSS – NIEIR Base July 2021 (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Casula	14	23	40	64	92	129	170	218	270	325	384	774	1227	1816	2563	3493	4387	5404	6551
Cattai	11	18	30	46	65	87	112	139	168	199	231	343	511	713	952	1232	1544	1899	2298
Cawdor	12	19	31	48	68	91	116	143	172	203	235	445	699	1024	1433	1939	2435	2999	3635
Cheriton Avenue	38	61	101	158	225	307	397	497	605	722	847	936	1273	1608	1924	2203	2743	3350	4027
Chipping Norton	6	9	16	25	36	50	66	85	105	126	149	274	428	624	869	1170	1469	1808	2191
Claremont Meadows	13	21	36	57	83	116	153	195	241	291	344	627	975	1419	1972	2651	3326	4094	4959
Corrimal	17	28	47	74	107	147	192	243	300	361	428	702	1069	1525	2080	2748	3444	4234	5124
Cranebrook	10	16	27	43	62	86	113	145	178	215	254	492	774	1138	1597	2166	2719	3349	4059
Culburra	12	20	32	48	67	89	113	139	166	195	225	387	595	857	1179	1572	1973	2429	2943
Dapto	24	39	64	100	141	192	248	310	376	452	536	935	1443	2083	2874	3837	4812	5919	7166
Darkes Forest	1	2	3	5	8	10	14	18	22	26	30	66	106	159	226	311	391	481	584
Doonside	41	68	114	182	263	365	481	612	756	911	1079	1561	2307	3194	4234	5436	6806	8358	10101
Dundas	57	93	152	237	335	455	587	733	890	1058	1235	1595	2285	3061	3921	4859	6076	7453	8999
East Richmond	9	15	24	37	52	71	91	114	137	162	188	362	570	838	1176	1594	2003	2468	2993
Eastern Creek	1	1	2	3	5	6	8	11	13	16	19	36	57	84	117	159	199	245	297
Edmondson Park	6	9	16	26	37	52	69	89	110	133	158	311	492	726	1021	1389	1744	2148	2603
Emu Plains	21	34	56	88	126	173	225	283	345	414	489	661	959	1303	1694	2132	2667	3271	3950
Fairfield	10	16	26	39	55	73	94	116	139	163	188	392	625	929	1318	1804	2268	2795	3392
Figtree	20	33	56	88	127	175	229	289	356	429	509	835	1272	1814	2474	3267	4095	5035	6092
Gerringong	14	23	38	59	83	112	145	180	219	260	305	307	403	486	549	580	719	873	1044
Glenmore Park	9	16	27	43	63	88	117	150	186	225	267	496	775	1131	1578	2128	2671	3287	3983
Glenorie	9	15	24	38	54	73	95	119	145	173	202	211	281	345	400	437	543	662	794
Glossodia	9	15	24	36	50	67	85	104	125	145	166	326	515	758	1067	1451	1823	2247	2727
Granville 132kv	25	41	67	105	149	204	264	331	403	481	564	729	1045	1401	1796	2227	2785	3416	4124
Greystanes	20	32	53	83	118	161	209	263	321	382	448	688	1033	1452	1953	2546	3191	3924	4748
Hartley Vale	1	2	3	4	6	8	10	13	16	19	22	29	41	55	70	86	108	132	160
Hazelbrook	21	35	57	90	130	178	232	294	360	432	508	618	869	1140	1427	1724	2152	2634	3174

Table A5.1 Total plug-in electric vehicle registrations by ZSS – NIEIR Base July 2021 (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Helensburgh	6	9	16	25	36	50	65	82	101	122	145	238	362	517	705	931	1167	1434	1735
Hinchinbrook	17	29	49	78	114	158	209	268	332	400	474	887	1387	2028	2832	3823	4799	5908	7158
Holroyd	61	99	164	257	367	503	655	825	1008	1206	1416	2008	2951	4065	5359	6844	8570	10525	12723
Homepride	12	20	34	55	80	111	147	188	232	280	331	633	994	1458	2042	2764	3470	4273	5178
Horsley Park	2	3	5	8	12	16	21	26	32	38	44	91	146	217	308	421	529	652	791
Huntingwood	4	7	12	18	25	34	44	55	66	78	91	134	199	277	369	477	597	734	888
Huskisson	22	34	55	84	117	156	198	243	291	341	393	675	1039	1496	2059	2744	3444	4240	5138
Ilford Hall	1	1	2	5	7	10	13	17	21	25	30	45	67	94	126	163	204	250	302
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jamberoo	3	5	8	11	16	20	25	30	35	42	50	99	157	232	326	443	556	685	829
Jasper Road	33	53	87	136	193	263	341	427	520	621	728	771	1032	1278	1493	1656	2058	2509	3010
Jordan Springs	7	12	20	33	47	65	86	109	134	161	190	369	581	855	1201	1629	2045	2519	3053
Kandos	6	10	17	52	76	107	141	179	222	269	320	488	730	1022	1370	1778	2224	2728	3294
Kangaroo Valley	4	6	10	16	22	30	38	46	56	65	75	120	181	256	348	456	572	704	853
Katoomba	22	36	60	93	134	183	238	300	367	439	516	654	932	1241	1579	1943	2428	2975	3589
Kellyville	21	33	55	86	123	167	217	272	331	396	464	499	672	838	988	1108	1378	1681	2019
Kembla Grange	5	9	15	24	34	47	61	78	96	115	137	223	339	483	658	867	1087	1337	1618
Kemps Creek	3	5	9	15	22	31	41	52	65	79	93	178	280	410	575	778	977	1203	1457
Kenny Street	0	1	1	2	3	4	5	6	8	10	11	19	28	40	55	73	91	112	136
Kenthurst	34	56	92	144	205	278	361	451	550	656	770	818	1096	1360	1591	1769	2199	2681	3218
Kentlyn	16	27	46	72	105	145	191	243	300	360	425	807	1266	1856	2598	3516	4414	5435	6587
Kiama	61	98	161	251	356	482	622	776	944	1125	1319	1223	1546	1774	1861	1752	2153	2595	3078
Kingswood	16	27	46	74	108	152	202	259	322	389	463	889	1397	2051	2874	3893	4886	6016	7289
Kurrajong	11	18	29	44	61	82	104	129	154	179	206	406	640	944	1329	1808	2272	2801	3398
Leabons Lane	15	26	43	68	99	138	181	231	285	343	407	588	869	1203	1595	2048	2564	3148	3805
Lennox	40	66	109	170	242	331	429	539	657	784	920	1102	1542	2014	2507	3009	3756	4599	5543
Lithgow	21	34	56	88	123	166	213	265	319	378	440	656	976	1361	1816	2346	2937	3605	4357
Liverpool	17	28	47	74	108	150	197	252	311	374	442	851	1338	1966	2756	3736	4690	5775	7000
Luddenham	6	9	16	25	36	50	65	83	102	122	144	256	397	576	798	1071	1343	1653	2003

Table A5.1 Total plug-in electric vehicle registrations by ZSS – NIEIR Base July 2021 (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Macquarie Fields	15	25	43	69	99	138	182	232	286	343	405	868	1390	2074	2952	4052	5091	6274	7609
Maldon	23	37	60	91	127	170	216	265	318	373	431	697	1057	1504	2045	2695	3381	4159	5035
Mamre	13	22	38	61	88	123	163	208	258	311	369	629	966	1389	1908	2538	3183	3916	4741
Marayong	15	25	43	68	98	136	179	228	281	339	402	581	859	1189	1576	2024	2534	3112	3761
Marsden Park	13	22	36	55	79	107	138	173	210	250	291	450	676	951	1281	1671	2096	2577	3120
Meadow Flat	2	3	5	8	12	16	20	25	30	35	41	56	82	111	145	183	228	280	337
Minto	13	21	36	57	83	115	151	193	238	286	337	724	1159	1731	2464	3383	4251	5238	6353
Mittagong	25	40	65	101	141	190	243	301	363	429	499	602	844	1105	1380	1661	2074	2541	3063
Moorebank	6	9	16	25	36	50	67	85	105	126	149	287	452	664	931	1261	1584	1950	2363
Moss Vale	56	90	146	225	316	424	543	671	810	958	1114	1160	1541	1893	2186	2388	2966	3613	4334
Mt Ousley	12	19	32	51	74	102	134	169	208	251	297	487	742	1059	1444	1907	2391	2939	3556
Mungerie Park	79	128	211	329	469	640	831	1042	1271	1518	1782	2172	3055	4013	5030	6084	7596	9303	11215
Narellan	20	34	57	91	132	183	240	305	375	451	533	801	1195	1671	2237	2901	3635	4466	5402
Nepean	21	35	59	93	134	184	240	302	370	442	519	802	1204	1694	2282	2977	3731	4587	5549
Newton	7	12	19	31	45	62	82	104	129	155	184	266	394	545	722	927	1161	1426	1724
North Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Leppington	7	11	18	28	41	56	73	92	113	136	160	240	357	498	666	863	1081	1328	1606
North Parramatta	64	103	171	269	383	524	680	854	1043	1246	1463	1660	2279	2912	3535	4117	5131	6272	7547
North Richmond	8	12	20	30	42	57	73	91	110	129	148	299	474	701	990	1350	1696	2091	2537
North Rocks	30	49	81	127	181	246	320	401	489	584	685	785	1081	1388	1693	1984	2474	3025	3641
North Warragamba	7	11	17	26	35	46	58	70	82	95	107	302	501	772	1128	1585	1994	2461	2988
North Wollongong	7	11	18	29	42	57	75	95	117	141	167	274	418	596	813	1074	1346	1655	2002
Northmead	38	61	101	158	225	307	399	500	611	729	856	988	1365	1757	2151	2532	3157	3861	4649
Nowra	17	27	43	66	91	120	152	185	220	258	298	564	884	1296	1813	2451	3078	3791	4596

Table A5.1 Total plug-in electric vehicle registrations by ZSS – NIEIR Base July 2021 (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Oakdale	3	4	6	9	12	15	17	20	22	24	25	105	182	288	431	618	779	962	1169
Oran Park	35	58	98	156	224	309	404	511	627	752	887	1185	1714	2321	3006	3770	4715	5784	6984
Parklea	45	74	122	191	272	371	481	603	735	881	1039	1416	2059	2805	3656	4614	5772	7083	8554
Penrith 11kv	6	11	18	29	42	59	79	101	126	153	182	348	546	802	1123	1521	1909	2351	2848
Plumpton	40	66	110	175	252	347	454	575	707	849	1002	1366	1986	2705	3525	4448	5566	6830	8249
Port Central	15	25	41	63	90	123	160	200	244	293	344	402	558	721	887	1049	1308	1599	1924
Port Kembla	12	19	30	46	64	86	109	134	161	194	232	536	868	1308	1876	2592	3256	4011	4863
Portland	4	7	11	17	24	32	41	50	60	70	81	117	173	239	316	405	507	622	752
Prestons	13	22	36	58	85	118	155	198	245	295	348	634	986	1434	1994	2681	3364	4141	5017
Prospect	20	33	55	86	123	168	219	275	335	400	470	624	900	1217	1574	1970	2464	3023	3651
Quakers Hill	32	53	89	142	205	283	373	474	584	704	833	1213	1796	2491	3309	4256	5330	6546	7913
Quarries	10	17	28	44	63	86	112	142	174	209	246	349	512	705	930	1187	1486	1825	2206
Ringwood	20	32	53	81	114	153	196	243	293	346	403	420	559	688	796	872	1083	1320	1583
Riverstone	21	34	55	86	121	165	213	266	323	383	448	605	877	1192	1549	1951	2441	2997	3621
Robertson	21	33	55	85	120	162	209	261	317	377	440	469	629	782	916	1021	1269	1548	1858
Rooty Hill	25	41	69	109	158	219	289	367	453	546	647	937	1384	1917	2542	3265	4088	5020	6068
Rosehill	13	20	34	52	75	102	132	165	202	240	282	325	449	578	707	831	1036	1267	1526
Russell Vale	16	27	45	71	103	141	185	234	288	347	411	675	1029	1467	2001	2642	3312	4072	4928
Rydalmere	185	295	482	745	1048	1413	1812	2248	2714	3211	3736	3764	4937	5963	6736	7138	8857	10781	12918
Schofields	31	51	85	134	193	266	348	440	541	650	767	1027	1486	2013	2608	3272	4093	5020	6061
Seven Hills	14	23	38	61	88	121	158	200	246	296	349	468	678	918	1190	1494	1869	2292	2768
Shellharbour	25	40	63	95	131	172	215	261	308	367	438	837	1314	1927	2698	3650	4579	5635	6825
Sherwood	25	39	65	100	142	192	248	310	376	445	519	887	1364	1961	2698	3592	4508	5549	6723
Smithfield	22	35	57	86	120	161	204	252	301	352	404	894	1439	2158	3083	4248	5340	6585	7993
South Granville	53	85	137	211	295	396	505	624	750	882	1021	1367	1978	2681	3478	4368	5469	6717	8122
South Leppington	10	17	28	45	66	91	120	152	188	226	266	506	794	1164	1630	2206	2769	3410	4133
South Marsden Park	7	12	20	32	46	63	83	105	128	154	181	278	416	585	786	1024	1283	1577	1908

Table A5.1 Total plug-in electric vehicle registrations by ZSS – NIEIR Base July 2021 (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
South Nowra	5	7	11	17	24	32	41	51	60	71	82	140	216	311	428	570	716	881	1068
South Windsor	13	21	35	55	78	107	139	175	213	253	295	551	861	1258	1756	2371	2977	3666	4444
South Wollongong	4	7	12	20	28	39	51	64	79	96	113	186	283	403	550	727	911	1120	1355
Springwood	31	51	85	133	190	260	338	426	520	622	731	908	1285	1700	2146	2616	3267	4001	4823
St Marys	16	28	47	75	109	152	201	257	319	385	458	789	1214	1749	2409	3211	4027	4954	5999
Sussex Inlet	12	20	33	51	73	100	130	163	198	237	277	429	645	908	1223	1597	2001	2460	2977
Tahmoor	24	38	62	94	131	174	220	270	322	377	435	739	1133	1627	2234	2971	3728	4588	5557
The Oaks	4	7	11	17	24	32	41	50	60	71	82	159	250	368	516	700	880	1084	1314
Tomerong	7	11	17	27	37	49	63	77	92	108	124	214	329	473	652	868	1090	1342	1626
Ulladulla	27	43	70	108	151	203	260	321	387	456	529	903	1387	1994	2741	3648	4578	5634	6826
Unanderra	7	12	20	32	46	64	84	106	130	157	186	305	464	662	903	1192	1495	1837	2223
Warilla	8	11	15	20	24	26	26	23	18	21	31	435	792	1305	2007	2937	3697	4565	5548
Wentworth Falls	12	19	32	50	72	100	130	165	203	243	287	366	521	695	886	1092	1364	1672	2016
Werrington	17	28	48	76	110	154	203	259	321	388	460	765	1169	1671	2287	3029	3798	4671	5654
West Castle Hill	32	52	86	134	191	260	337	423	515	615	721	768	1030	1280	1500	1671	2077	2533	3040
West Liverpool	15	24	41	65	94	130	171	217	267	320	378	694	1082	1577	2196	2957	3711	4567	5533
West Parramatta	11	18	30	47	67	92	119	149	182	217	254	326	465	621	793	980	1225	1502	1813
West Pennant Hills	38	62	102	159	226	308	399	500	610	728	854	919	1237	1543	1819	2043	2540	3099	3721
West Wetherill Park	0	0	0	1	1	1	2	2	2	3	3	5	7	10	13	17	22	26	32
West Wollongong	11	18	30	48	69	95	125	158	194	234	277	454	692	987	1346	1778	2229	2740	3316
Westmead	8	14	23	36	51	70	91	114	139	166	195	234	328	429	535	643	803	984	1185
Wetherill Park	1	2	3	4	6	8	10	13	16	18	21	44	70	104	147	201	253	311	378
Whalan	9	16	26	42	60	84	110	140	173	209	247	358	529	732	970	1246	1560	1916	2315
Wilton	2	3	4	6	7	9	11	12	14	15	15	63	109	173	258	369	465	575	698

Table A5.1 Total plug-in electric vehicle registrations by ZSS – NIEIR Base July 2021 (number) – continued																			
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Windsor	10	16	26	40	56	75	96	119	143	168	194	358	559	815	1136	1531	1923	2369	2873
Wisemans	7	11	18	28	39	52	66	82	99	116	133	226	347	498	685	911	1144	1408	1707
Wombarra	6	11	18	28	41	56	74	93	115	138	164	269	410	584	797	1053	1319	1622	1963
Woodpark	8	12	21	32	46	62	80	100	122	145	170	253	376	525	701	908	1137	1398	1692
Yatte Yattah	19	31	51	80	113	153	197	246	298	355	414	499	699	915	1141	1373	1714	2099	2531
Yennora	24	38	61	92	128	171	217	268	320	373	429	813	1275	1869	2616	3541	4448	5482	6650
GRAND TOTAL	**3026**	**4912**	**8112**	**12705**	**18087**	**24659**	**31965**	**40089**	**48845**	**58280**	**68361**	**98587**	**145571**	**201395**	**266728**	**342238**	**428594**	**526464**	**636517**

Table A5.2 Plug-in electric vehicle impact on annual energy – NIEIR Base July 2021 (GWh)																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Abbotsbury	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.0	1.2	2.2	3.4	5.0	6.9	9.4	11.8	14.6	17.5
Albion Park	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.3	2.4	3.7	5.4	7.5	10.1	12.7	15.6	18.8
Ambarvale	0.0	0.0	0.1	0.1	0.2	0.2	0.4	0.5	0.6	0.8	0.9	1.8	2.9	4.2	5.9	8.1	10.1	12.5	15.0
Anzac Village	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.6	2.5	3.7	5.1	6.9	8.7	10.7	12.9
Appin	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.7	1.1	1.7	2.5	3.4	4.3	5.3	6.4
Arndell Park	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.7	1.0	1.4	2.0	2.6	3.3	4.2	5.1	6.1
Baulkham Hills 11kv	0.1	0.1	0.2	0.3	0.5	0.8	1.1	1.4	1.8	2.2	2.6	3.1	4.3	5.6	7.0	8.4	10.5	12.9	15.5
Bella Vista	0.1	0.1	0.2	0.3	0.5	0.7	1.0	1.4	1.8	2.2	2.6	3.1	4.3	5.6	7.0	8.4	10.5	12.9	15.4
Berrima Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Berry	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.3	1.5	2.0	2.6	3.1	3.6	4.5	5.5	6.6
Blackheath	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.6	2.1	2.7	3.3	4.2	5.1	6.1
Blackmans Flat	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.7	1.0	1.4	2.0	2.6	3.3	4.0	4.9
Blaxland	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.1	1.4	1.8	2.1	2.6	3.5	4.7	5.8	7.1	8.8	10.8	13.0
Bolong Road	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.7	0.9	1.1	1.4	1.7
Bomaderry	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.9	1.0	1.5	2.2	3.0	4.1	5.3	6.6	8.1	9.7
Bonnyrigg	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	1.4	2.8	4.4	6.5	9.1	12.4	15.6	19.2	23.1
Bossley Park	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	1.5	2.4	3.6	5.1	7.1	8.9	11.0	13.3
Bow Bowing	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	1.0	1.5	2.2	3.1	4.2	5.3	6.5	7.9
Bowral	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.7	2.1	2.5	3.0	3.1	4.1	5.0	5.8	6.4	7.9	9.7	11.5
Bringelly	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.7	1.1	1.7	2.5	3.4	4.6	5.7	7.0	8.5
Bulli	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.7	1.0	1.2	1.4	2.5	3.8	5.5	7.5	10.1	12.7	15.6	18.7
Bylong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
Cabramatta	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	1.2	1.8	2.8	3.9	5.4	6.7	8.3	10.0
Cambridge Park	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.1	1.3	2.4	3.7	5.4	7.6	10.3	12.9	15.9	19.1
Campbelltown	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.0	1.9	2.8	4.2	5.8	7.8	9.8	12.1	14.5
Canley Vale	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.3	1.5	2.8	4.2	6.2	8.7	11.7	14.7	18.2	21.9
Carramar	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.8	1.6	2.5	3.8	5.4	7.3	9.2	11.4	13.7
Castle Hill	0.1	0.2	0.3	0.5	0.9	1.2	1.7	2.2	2.8	3.4	4.1	4.6	6.2	7.9	9.6	11.1	13.9	17.0	20.3

Table A5.2 Plug-in electric vehicle impact on annual energy – NIEIR Base July 2021 (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Casula	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.7	0.9	1.1	1.3	2.6	4.1	6.0	8.5	11.7	14.6	18.1	21.7
Cattai	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.8	1.2	1.8	2.5	3.3	4.3	5.4	6.6	7.9
Cawdor	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.5	2.3	3.4	4.8	6.5	8.2	10.1	12.2
Cheriton Avenue	0.1	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.7	2.0	2.4	2.7	3.6	4.5	5.4	6.2	7.8	9.5	11.3
Chipping Norton	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.9	1.3	2.0	2.7	3.7	4.6	5.7	6.9
Claremont Meadows	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.0	1.2	2.2	3.4	4.9	6.8	9.2	11.5	14.2	17.1
Corrimal	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.3	2.1	3.2	4.5	6.2	8.2	10.2	12.6	15.1
Cranebrook	0.0	0.0	0.1	0.1	0.2	0.2	0.4	0.5	0.6	0.8	0.9	1.8	2.8	4.2	5.8	7.9	9.9	12.3	14.7
Culburra	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	1.0	1.5	2.1	2.9	3.9	4.9	6.1	7.3
Dapto	0.1	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.0	1.3	1.5	2.6	4.0	5.8	8.0	10.8	13.5	16.6	20.0
Darkes Forest	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.4	0.5	0.8	1.0	1.3	1.6	1.9
Doonside	0.1	0.1	0.2	0.4	0.6	0.9	1.3	1.7	2.2	2.8	3.3	4.8	7.0	9.7	12.9	16.6	20.7	25.5	30.6
Dundas	0.1	0.2	0.3	0.4	0.7	1.0	1.4	1.8	2.3	2.8	3.3	4.2	5.9	8.0	10.2	12.7	15.9	19.5	23.4
East Richmond	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	1.4	2.2	3.2	4.5	6.2	7.7	9.6	11.5
Eastern Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0
Edmondson Park	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	1.1	1.7	2.5	3.5	4.8	6.1	7.5	9.0
Emu Plains	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.3	1.5	2.1	3.0	4.0	5.2	6.6	8.3	10.2	12.2
Fairfield	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	1.1	1.7	2.5	3.6	4.9	6.2	7.6	9.2
Figtree	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.3	1.5	2.5	3.8	5.4	7.3	9.7	12.2	15.0	18.0
Gerringong	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.0	1.2	1.5	1.7	1.8	2.2	2.7	3.2
Glenmore Park	0.0	0.0	0.1	0.1	0.2	0.2	0.4	0.5	0.6	0.8	1.0	1.8	2.7	4.0	5.5	7.5	9.4	11.6	13.9
Glenorie	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.8	1.0	1.1	1.2	1.5	1.8	2.2
Glossodia	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	1.3	2.1	3.1	4.3	5.9	7.4	9.1	10.9
Granville 132kv	0.1	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.1	1.3	1.6	2.0	2.8	3.8	4.9	6.1	7.6	9.3	11.2
Greystanes	0.0	0.1	0.1	0.2	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.9	2.8	4.0	5.4	7.0	8.8	10.8	13.0
Hartley Vale	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.5
Hazelbrook	0.0	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.1	1.3	1.6	1.9	2.7	3.5	4.4	5.3	6.7	8.2	9.8

Table A5.2 Plug-in electric vehicle impact on annual energy – NIEIR Base July 2021 (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Helensburgh	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.7	1.1	1.5	2.1	2.8	3.5	4.3	5.1
Hinchinbrook	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.3	1.6	2.9	4.4	6.5	9.1	12.3	15.5	19.1	22.9
Holroyd	0.1	0.2	0.3	0.5	0.8	1.1	1.6	2.1	2.7	3.3	4.0	5.5	8.0	11.1	14.7	18.8	23.5	28.9	34.7
Homepride	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.1	2.0	3.1	4.6	6.4	8.7	10.9	13.5	16.2
Horsley Park	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.6	0.9	1.3	1.6	1.9	2.3
Huntingwood	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.5	0.7	1.0	1.3	1.6	2.0	2.4
Huskisson	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.8	1.0	1.7	2.6	3.7	5.1	6.8	8.6	10.6	12.7
Ilford Hall	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7
Inner Harbour	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jamberoo	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.7	1.0	1.4	1.7	2.1	2.5
Jasper Road	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.1	1.4	1.7	2.1	2.2	2.8	3.5	4.1	4.6	5.7	7.0	8.3
Jordan Springs	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	1.4	2.1	3.1	4.4	6.0	7.5	9.3	11.2
Kandos	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.1	1.7	2.4	3.2	4.1	5.2	6.4	7.6
Kangaroo Valley	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.9	1.1	1.4	1.7	2.1
Katoomba	0.0	0.1	0.1	0.2	0.3	0.5	0.7	0.9	1.1	1.4	1.6	2.0	2.9	3.8	4.9	6.0	7.5	9.3	11.1
Kellyville	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.9	2.4	2.8	3.1	3.9	4.7	5.6
Kembla Grange	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.7	1.0	1.4	2.0	2.6	3.3	4.0	4.8
Kemps Creek	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.6	1.0	1.4	2.0	2.7	3.4	4.1	5.0
Kenny Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
Kenthurst	0.1	0.1	0.2	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.2	2.3	3.0	3.8	4.4	4.9	6.1	7.5	8.9
Kentlyn	0.0	0.1	0.1	0.2	0.2	0.4	0.5	0.7	0.9	1.2	1.4	2.6	4.1	6.0	8.4	11.4	14.3	17.6	21.2
Kiama	0.1	0.2	0.4	0.6	0.9	1.3	1.8	2.3	2.9	3.5	4.2	3.9	4.8	5.6	5.8	5.5	6.8	8.2	9.6
Kingswood	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.1	1.4	1.7	3.2	4.9	7.3	10.2	13.9	17.4	21.5	25.8
Kurrajong	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.6	2.6	3.8	5.3	7.3	9.2	11.3	13.6
Leabons Lane	0.0	0.1	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.0	1.3	1.8	2.6	3.7	4.8	6.2	7.8	9.6	11.5
Lennox	0.1	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.7	2.1	2.5	2.9	4.1	5.3	6.6	8.0	9.9	12.2	14.6
Lithgow	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.1	1.7	2.5	3.5	4.6	6.0	7.5	9.2	11.0
Liverpool	0.0	0.1	0.1	0.2	0.2	0.4	0.5	0.7	0.9	1.2	1.4	2.7	4.2	6.2	8.6	11.7	14.7	18.1	21.8
Luddenham	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.9	1.4	2.0	2.7	3.7	4.6	5.7	6.8

Table A5.2 Plug-in electric vehicle impact on annual energy – NIEIR Base July 2021 (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Macquarie Fields	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.7	0.9	1.2	1.4	2.9	4.6	6.9	9.8	13.5	17.0	21.0	25.2
Maldon	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.2	2.0	2.9	4.2	5.7	7.5	9.5	11.7	14.0
Mamre	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.0	1.2	2.1	3.2	4.6	6.3	8.4	10.6	13.0	15.6
Marayong	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.0	1.2	1.8	2.6	3.6	4.8	6.2	7.7	9.5	11.4
Marsden Park	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.4	2.1	2.9	4.0	5.2	6.5	8.0	9.6
Meadow Flat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.7	0.8
Minto	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.1	2.4	3.8	5.8	8.2	11.3	14.2	17.5	21.1
Mittagong	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	0.9	1.1	1.3	1.6	2.2	2.9	3.6	4.4	5.5	6.7	8.1
Moorebank	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.9	1.4	2.1	2.9	4.0	5.0	6.1	7.4
Moss Vale	0.1	0.2	0.2	0.4	0.6	0.9	1.2	1.5	1.8	2.2	2.6	2.7	3.6	4.4	5.1	5.5	6.9	8.4	10.0
Mt Ousley	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.5	2.2	3.1	4.3	5.7	7.1	8.7	10.5
Mungerie Park	0.2	0.2	0.4	0.7	1.0	1.5	2.1	2.7	3.5	4.3	5.1	6.1	8.5	11.2	14.1	17.1	21.3	26.1	31.3
Narellan	0.0	0.1	0.1	0.2	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.6	3.9	5.4	7.3	9.4	11.8	14.6	17.5
Nepean	0.0	0.1	0.1	0.2	0.3	0.5	0.7	0.9	1.2	1.5	1.7	2.7	3.9	5.6	7.5	9.8	12.3	15.1	18.1
Newton	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8	1.2	1.7	2.2	2.8	3.5	4.4	5.2
North Eastern Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Leppington	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.7	1.1	1.5	2.0	2.6	3.2	4.0	4.7
North Parramatta	0.1	0.2	0.3	0.5	0.8	1.2	1.6	2.1	2.7	3.3	4.0	4.4	6.0	7.7	9.4	10.9	13.6	16.7	19.9
North Richmond	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	1.2	1.9	2.8	4.0	5.4	6.8	8.4	10.1
North Rocks	0.1	0.1	0.1	0.2	0.4	0.6	0.8	1.0	1.3	1.6	1.9	2.1	2.9	3.8	4.6	5.4	6.7	8.2	9.8
North Warragamba	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	1.2	1.9	3.0	4.3	6.1	7.6	9.5	11.4
North Wollongong	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.8	1.2	1.8	2.4	3.2	4.0	4.9	5.9
Northmead	0.1	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	2.0	2.4	2.7	3.7	4.8	5.8	6.9	8.6	10.5	12.5
Nowra	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.8	1.4	2.2	3.2	4.5	6.1	7.6	9.4	11.3

Table A5.2 Plug-in electric vehicle impact on annual energy – NIEIR Base July 2021 (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Oakdale	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.7	1.1	1.7	2.5	3.1	3.8	4.6
Oran Park	0.1	0.1	0.2	0.3	0.5	0.8	1.1	1.5	1.9	2.3	2.8	3.7	5.3	7.2	9.4	11.8	14.7	18.1	21.7
Parklea	0.1	0.1	0.2	0.4	0.6	0.9	1.3	1.6	2.1	2.6	3.1	4.2	6.0	8.2	10.6	13.5	16.9	20.7	24.8
Penrith 11kv	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	1.2	1.9	2.9	4.0	5.4	6.8	8.4	10.1
Plumpton	0.1	0.1	0.2	0.4	0.6	0.8	1.2	1.6	2.0	2.5	3.0	4.0	5.8	7.9	10.3	13.1	16.3	20.1	24.0
Port Central	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.2	1.7	2.2	2.7	3.2	4.0	4.9	5.9
Port Kembla	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	1.6	2.5	3.8	5.5	7.6	9.6	11.8	14.2
Portland	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.7	1.0	1.2	1.5	1.8
Prestons	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	2.0	3.1	4.5	6.3	8.5	10.6	13.1	15.8
Prospect	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.3	1.7	2.4	3.2	4.2	5.3	6.6	8.1	9.7
Quakers Hill	0.1	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.7	2.1	2.6	3.7	5.4	7.5	9.9	12.8	16.1	19.8	23.7
Quarries	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	1.0	1.4	2.0	2.6	3.4	4.2	5.2	6.2
Ringwood	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.0	1.3	1.6	1.8	2.0	2.5	3.1	3.7
Riverstone	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	1.4	1.9	2.7	3.7	4.7	6.0	7.5	9.2	11.1
Robertson	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.2	1.6	2.0	2.4	2.7	3.3	4.1	4.8
Rooty Hill	0.1	0.1	0.1	0.2	0.4	0.5	0.8	1.0	1.3	1.7	2.0	2.9	4.2	5.9	7.7	10.0	12.5	15.4	18.4
Rosehill	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.8	0.9	1.2	1.6	1.9	2.3	2.8	3.5	4.1
Russell Vale	0.0	0.1	0.1	0.2	0.2	0.4	0.5	0.7	0.8	1.0	1.2	2.0	3.0	4.4	5.9	7.9	9.8	12.1	14.5
Rydalmere	0.4	0.5	0.8	1.3	2.0	2.9	3.9	5.1	6.4	7.7	9.1	9.1	11.8	14.3	16.1	17.1	21.3	25.9	30.8
Schofields	0.1	0.1	0.2	0.3	0.4	0.7	0.9	1.2	1.6	1.9	2.3	3.1	4.4	6.0	7.7	9.7	12.2	15.0	17.9
Seven Hills	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.0	1.4	1.9	2.7	3.4	4.3	5.4	6.7	8.0
Shellharbour	0.1	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.4	2.6	4.0	5.9	8.3	11.2	14.1	17.3	20.8
Sherwood	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	1.4	2.4	3.6	5.2	7.1	9.5	12.0	14.8	17.7
Smithfield	0.0	0.1	0.1	0.2	0.2	0.3	0.5	0.6	0.8	1.0	1.1	2.5	3.9	5.9	8.4	11.7	14.6	18.1	21.8
South Granville	0.1	0.1	0.2	0.4	0.6	0.8	1.1	1.5	1.9	2.3	2.7	3.5	5.0	6.9	8.9	11.2	14.0	17.2	20.7
South Leppington	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.5	0.6	0.7	0.9	1.7	2.6	3.8	5.3	7.3	9.1	11.2	13.5
South Marsden Park	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.9	1.3	1.8	2.5	3.2	4.1	5.0	6.0

Table A5.2 Plug-in electric vehicle impact on annual energy – NIEIR Base July 2021 (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
South Nowra	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.5	0.8	1.1	1.4	1.8	2.2	2.6
South Windsor	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	0.9	1.1	2.1	3.2	4.7	6.5	8.8	11.0	13.6	16.4
South Wollongong	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.6	0.8	1.2	1.6	2.2	2.7	3.3	4.0
Springwood	0.1	0.1	0.2	0.3	0.4	0.6	0.9	1.2	1.5	1.9	2.2	2.8	3.8	5.1	6.4	7.9	9.8	12.1	14.4
St Marys	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.3	1.6	2.7	4.0	5.9	8.1	10.8	13.5	16.6	20.0
Sussex Inlet	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.8	1.2	1.8	2.6	3.5	4.5	5.7	7.0	8.4
Tahmoor	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.2	2.1	3.2	4.6	6.3	8.4	10.5	12.9	15.5
The Oaks	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.5	0.8	1.2	1.7	2.4	3.0	3.7	4.4
Tomerong	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.8	1.2	1.6	2.2	2.7	3.3	4.0
Ulladulla	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	1.4	2.4	3.6	5.2	7.1	9.5	12.0	14.8	17.7
Unanderra	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.9	1.4	2.0	2.7	3.5	4.4	5.5	6.6
Warilla	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.0	1.8	3.1	4.7	6.9	8.7	10.7	12.9
Wentworth Falls	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.6	2.1	2.7	3.4	4.2	5.2	6.2
Werrington	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.3	1.5	2.5	3.8	5.5	7.5	10.0	12.5	15.4	18.5
West Castle Hill	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.1	1.4	1.7	2.1	2.2	2.9	3.6	4.2	4.7	5.8	7.1	8.4
West Liverpool	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	2.1	3.3	4.8	6.6	9.0	11.2	13.9	16.7
West Parramatta	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.2	1.6	2.1	2.6	3.2	4.0	4.8
West Pennant Hills	0.1	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	2.0	2.4	2.5	3.4	4.2	5.0	5.6	7.0	8.5	10.1
West Wetherill Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
West Wollongong	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.8	1.4	2.0	2.9	4.0	5.3	6.6	8.2	9.8
Westmead	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.9	1.1	1.4	1.7	2.1	2.6	3.1
Wetherill Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1
Whalan	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.1	1.6	2.2	2.9	3.8	4.8	5.8	7.0
Wilton	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.4	0.6	1.0	1.4	1.7	2.2	2.6

Table A5.2 Plug-in electric vehicle impact on annual energy – NIEIR Base July 2021 (GWh) – continued																			
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Windsor	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8	1.4	2.1	3.1	4.3	5.9	7.4	9.1	10.9
Wisemans	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.8	1.3	1.8	2.5	3.3	4.2	5.2	6.2
Wombarra	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.8	1.2	1.7	2.4	3.1	3.9	4.8	5.8
Woodpark	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.9	2.4	3.0	3.7	4.5
Yatte Yattah	0.0	0.1	0.1	0.2	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.4	1.9	2.5	3.1	3.7	4.7	5.7	6.8
Yennora	0.0	0.1	0.1	0.2	0.2	0.4	0.5	0.6	0.8	1.0	1.2	2.2	3.4	5.0	7.0	9.4	11.9	14.6	17.6
GRAND TOTAL	**6.3**	**9.5**	**15.4**	**25.8**	**40.7**	**58.7**	**81.5**	**107.3**	**137.2**	**168.5**	**201.1**	**291.0**	**425.5**	**594.1**	**788.6**	**1019.2**	**1276.0**	**1570.1**	**1883.0**

Table A5.3 Plug-in electric vehicle impact on summer peak demand – NIEIR Base July 2021 (MW)																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Abbotsbury	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.5	0.8	1.2	1.6	2.2	2.8	3.4	4.1
Albion Park	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.6	0.9	1.3	1.8	2.4	3.0	3.7	4.4
Ambarvale	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.6	0.9	1.3	1.7	2.2	2.7	3.3
Anzac Village	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.6	0.8	1.1	1.5	1.9	2.4	2.9
Appin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.4	0.5	0.7	0.9	1.1	1.3
Arndell Park	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.6	0.8	1.0	1.2	1.4
Baulkham Hills 11kv	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.1	1.4	1.8	2.2	2.7	3.3	4.0
Bella Vista	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.8	1.1	1.4	1.7	2.1	2.6	3.1	3.8
Berrima Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Berry	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.7	0.8	0.9	1.2	1.4	1.7
Blackheath	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.5
Blackmans Flat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2
Blaxland	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.8	1.1	1.3	1.6	2.0	2.5	3.0
Bolong Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5
Bomaderry	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.6	0.9	1.2	1.5	1.9	2.3	2.8
Bonnyrigg	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.7	1.1	1.6	2.2	3.0	3.7	4.6	5.6
Bossley Park	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.6	0.9	1.3	1.8	2.3	2.8	3.4
Bow Bowing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.7	0.9	1.1	1.4	1.7
Bowral	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.8	0.9	0.9	1.2	1.5	1.8	1.9	2.4	2.9	3.5
Bringelly	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.5	0.7	0.9	1.2	1.5	1.8
Bulli	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.6	0.9	1.2	1.7	2.3	2.9	3.5	4.3
Bylong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Cabramatta	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.7	0.9	1.3	1.6	2.0	2.4
Cambridge Park	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.7	1.1	1.5	2.0	2.6	3.2	3.8
Campbelltown	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.6	0.9	1.2	1.7	2.1	2.6	3.1
Canley Vale	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.7	1.1	1.6	2.2	3.0	3.8	4.6	5.6
Carramar	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.7	1.0	1.4	1.9	2.4	3.0	3.6
Castle Hill	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.2	1.6	2.1	2.5	2.9	3.6	4.4	5.3

Table A5.3 Plug-in electric vehicle impact on summer peak demand – NIEIR Base July 2021 (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Casula	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.5	0.9	1.3	1.8	2.4	3.1	3.8	4.6
Cattai	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.6
Cawdor	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.7	1.0	1.4	1.7	2.1	2.6
Cheriton Avenue	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.9	1.1	1.4	1.6	1.9	2.4	2.8
Chipping Norton	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.3	1.5
Claremont Meadows	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.7	1.0	1.4	1.9	2.3	2.9	3.5
Corrimal	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.8	1.1	1.5	1.9	2.4	3.0	3.6
Cranebrook	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.8	1.1	1.5	1.9	2.4	2.8
Culburra	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.1	1.4	1.7	2.1
Dapto	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.7	1.0	1.5	2.0	2.7	3.4	4.2	5.1
Darkes Forest	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4
Doonside	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8	1.1	1.6	2.2	3.0	3.8	4.8	5.9	7.1
Dundas	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.6	2.2	2.8	3.4	4.3	5.3	6.4
East Richmond	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.6	0.8	1.1	1.4	1.7	2.1
Eastern Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2
Edmondson Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.7	1.0	1.2	1.5	1.8
Emu Plains	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.5	0.7	0.9	1.2	1.5	1.9	2.3	2.8
Fairfield	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.7	0.9	1.3	1.6	2.0	2.4
Figtree	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.6	0.9	1.3	1.7	2.3	2.9	3.6	4.3
Gerringong	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.6	0.7
Glenmore Park	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.8	1.1	1.5	1.9	2.3	2.8
Glenorie	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.6
Glossodia	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.5	0.7	1.0	1.3	1.6	1.9
Granville 132kv	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.7	1.0	1.3	1.6	2.0	2.4	2.9
Greystanes	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.7	1.0	1.4	1.8	2.2	2.8	3.3
Hartley Vale	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Hazelbrook	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.6	0.8	1.0	1.2	1.5	1.8	2.2

Table A5.3 Plug-in electric vehicle impact on summer peak demand – NIEIR Base July 2021 (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Helensburgh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2
Hinchinbrook	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.6	1.0	1.4	2.0	2.7	3.4	4.1	5.0
Holroyd	0.0	0.1	0.1	0.2	0.2	0.3	0.5	0.6	0.7	0.9	1.0	1.4	2.1	2.9	3.8	4.8	6.0	7.4	9.0
Homepride	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.7	1.0	1.4	1.9	2.4	3.0	3.6
Horsley Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6
Huntingwood	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6
Huskisson	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.5	0.7	1.1	1.4	1.9	2.4	3.0	3.6
Ilford Hall	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2
Inner Harbour	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jamberoo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6
Jasper Road	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.7	0.9	1.1	1.2	1.5	1.8	2.1
Jordan Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.6	0.8	1.1	1.4	1.8	2.1
Kandos	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3
Kangaroo Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6
Katoomba	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.7	0.9	1.1	1.4	1.7	2.1	2.5
Kellyville	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.2	1.4
Kembla Grange	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.6	0.8	0.9	1.1
Kemps Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0
Kenny Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Kenthurst	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.8	1.0	1.1	1.2	1.6	1.9	2.3
Kentlyn	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.6	0.9	1.3	1.8	2.5	3.1	3.8	4.6
Kiama	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.8	0.9	0.9	1.1	1.2	1.3	1.2	1.5	1.8	2.2
Kingswood	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.6	1.0	1.4	2.0	2.7	3.4	4.2	5.1
Kurrajong	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.7	0.9	1.3	1.6	2.0	2.4
Leabons Lane	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.6	0.8	1.1	1.4	1.8	2.2	2.7
Lennox	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.1	1.4	1.8	2.1	2.7	3.3	3.9
Lithgow	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.7	1.0	1.3	1.7	2.1	2.5	3.1
Liverpool	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.6	0.9	1.4	1.9	2.6	3.3	4.1	4.9
Luddenham	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.8	0.9	1.2	1.4

Table A5.3 Plug-in electric vehicle impact on summer peak demand – NIEIR Base July 2021 (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Macquarie Fields	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.6	1.0	1.5	2.1	2.8	3.6	4.4	5.3
Maldon	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.7	1.1	1.4	1.9	2.4	2.9	3.5
Mamre	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.7	1.0	1.3	1.8	2.2	2.7	3.3
Marayong	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.6	0.8	1.1	1.4	1.8	2.2	2.6
Marsden Park	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.2
Meadow Flat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2
Minto	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.5	0.8	1.2	1.7	2.4	3.0	3.7	4.5
Mittagong	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.6	0.8	1.0	1.2	1.5	1.8	2.2
Moorebank	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.7	0.9	1.1	1.4	1.7
Moss Vale	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	1.1	1.3	1.5	1.7	2.1	2.5	3.1
Mt Ousley	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.7	1.0	1.3	1.7	2.1	2.5
Mungerie Park	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.3	1.5	2.2	2.8	3.5	4.3	5.4	6.6	7.9
Narellan	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.6	0.8	1.2	1.6	2.0	2.6	3.1	3.8
Nepean	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.6	0.8	1.2	1.6	2.1	2.6	3.2	3.9
Newton	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2
North Eastern Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Leppington	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1
North Parramatta	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.2	1.6	2.1	2.5	2.9	3.7	4.5	5.4
North Richmond	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.7	0.9	1.2	1.5	1.8
North Rocks	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4	1.8	2.1	2.6
North Warragamba	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.4	0.5	0.8	1.1	1.4	1.7	2.1
North Wollongong	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.8	0.9	1.2	1.4
Northmead	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.7	1.0	1.2	1.5	1.8	2.2	2.7	3.3
Nowra	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.6	0.9	1.3	1.7	2.2	2.7	3.2

Table A5.3 Plug-in electric vehicle impact on summer peak demand – NIEIR Base July 2021 (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Oakdale	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.8
Oran Park	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.8	1.2	1.6	2.1	2.7	3.3	4.1	4.9
Parklea	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	1.0	1.5	2.0	2.6	3.3	4.1	5.0	6.0
Penrith 11kv	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.6	0.8	1.1	1.3	1.7	2.0
Plumpton	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	1.0	1.4	1.9	2.5	3.1	3.9	4.8	5.8
Port Central	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.1	1.4
Port Kembla	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.6	0.9	1.3	1.8	2.3	2.8	3.4
Portland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5
Prestons	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.7	1.0	1.4	1.9	2.4	2.9	3.5
Prospect	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.6	0.9	1.1	1.4	1.7	2.1	2.6
Quakers Hill	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.9	1.3	1.8	2.3	3.0	3.7	4.6	5.6
Quarries	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.5	0.7	0.8	1.0	1.3	1.6
Ringwood	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.6	0.8	0.9	1.1
Riverstone	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.6	0.8	1.1	1.4	1.7	2.1	2.6
Robertson	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.6	0.6	0.7	0.9	1.1	1.3
Rooty Hill	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.7	1.0	1.3	1.8	2.3	2.9	3.5	4.3
Rosehill	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.1
Russell Vale	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.5	0.7	1.0	1.4	1.9	2.3	2.9	3.5
Rydalmere	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	2.0	2.3	2.7	2.7	3.5	4.3	4.8	5.1	6.3	7.7	9.2
Schofields	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.7	1.0	1.4	1.8	2.3	2.9	3.5	4.3
Seven Hills	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.5	0.6	0.8	1.1	1.3	1.6	2.0
Shellharbour	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.6	0.9	1.4	1.9	2.6	3.2	4.0	4.8
Sherwood	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.6	1.0	1.4	1.9	2.5	3.2	3.9	4.7
Smithfield	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.6	1.0	1.5	2.2	3.0	3.7	4.6	5.6
South Granville	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	1.0	1.4	1.9	2.4	3.1	3.8	4.7	5.7
South Leppington	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.6	0.8	1.1	1.5	1.9	2.4	2.9
South Marsden Park	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.3

Table A5.3 Plug-in electric vehicle impact on summer peak demand – NIEIR Base July 2021 (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
South Nowra	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7
South Windsor	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.6	0.9	1.2	1.7	2.1	2.6	3.1
South Wollongong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0
Springwood	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.9	1.2	1.5	1.8	2.3	2.8	3.4
St Marys	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.6	0.9	1.2	1.7	2.3	2.8	3.5	4.2
Sussex Inlet	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.6	0.9	1.1	1.4	1.7	2.1
Tahmoor	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.5	0.8	1.1	1.6	2.1	2.6	3.2	3.9
The Oaks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9
Tomerong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.6	0.8	0.9	1.1
Ulladulla	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.6	1.0	1.4	1.9	2.6	3.2	4.0	4.8
Unanderra	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.1	1.3	1.6
Warilla	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.4	2.1	2.6	3.2	3.9
Wentworth Falls	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4
Werrington	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.8	1.2	1.6	2.1	2.7	3.3	4.0
West Castle Hill	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.7	0.9	1.1	1.2	1.5	1.8	2.1
West Liverpool	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.5	0.8	1.1	1.5	2.1	2.6	3.2	3.9
West Parramatta	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.3
West Pennant Hills	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.9	1.1	1.3	1.4	1.8	2.2	2.6
West Wetherill Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
West Wollongong	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.7	0.9	1.3	1.6	1.9	2.3
Westmead	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8
Wetherill Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3
Whalan	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.3	1.6
Wilton	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5

Table A5.3 Plug-in electric vehicle impact on summer peak demand – NIEIR Base July 2021 (MW) – continued																			
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Windsor	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.6	0.8	1.1	1.3	1.7	2.0
Wisemans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.6	0.8	1.0	1.2
Wombarra	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.4
Woodpark	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2
Yatte Yattah	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.5	1.8
Yennora	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.6	0.9	1.3	1.8	2.5	3.1	3.8	4.7
GRAND TOTAL	**1.9**	**3.2**	**5.4**	**8.5**	**12.2**	**16.9**	**22.2**	**28.1**	**34.7**	**41.2**	**48.2**	**69.4**	**102.5**	**141.8**	**187.7**	**240.8**	**301.6**	**370.5**	**447.9**

Table A5.4 Total plug-in electric vehicle registrations by ZSS – AEMO Net Zero 2050 (number)																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Abbotsbury	13	15	32	79	215	501	975	1632	2074	2909	3813	4716	5647	6608	7601	8626	9682	10770	11891
Albion Park	16	18	39	95	248	558	1065	1765	2237	3138	4115	5088	6091	7123	8185	9277	10400	11555	12740
Ambarvale	8	10	22	54	160	387	768	1297	1651	2317	3038	3758	4500	5266	6057	6873	7714	8580	9470
Anzac Village	8	9	20	49	143	345	681	1146	1459	2046	2682	3317	3972	4646	5343	6061	6801	7562	8344
Appin	3	3	7	18	58	147	301	517	660	928	1218	1509	1809	2119	2440	2772	3114	3468	3832
Arndell Park	6	7	16	41	98	203	366	585	735	1027	1342	1655	1977	2307	2646	2994	3351	3716	4090
Baulkham Hills 11kv	31	36	77	191	392	711	1147	1706	2112	2930	3811	4685	5576	6485	7416	8365	9335	10322	11329
Bella Vista	29	33	72	178	369	672	1089	1622	2009	2788	3628	4460	5307	6173	7058	7960	8881	9819	10774
Berrima Junction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Berry	18	20	43	106	205	347	526	749	917	1268	1645	2019	2398	2784	3176	3576	3983	4397	4819
Blackheath	10	12	26	63	133	248	411	622	773	1075	1400	1722	2051	2387	2732	3083	3442	3809	4183
Blackmans Flat	5	5	12	29	73	161	302	494	624	874	1145	1414	1692	1977	2271	2573	2884	3204	3533
Blaxland	22	25	54	134	281	518	847	1270	1575	2186	2845	3498	4163	4842	5538	6247	6971	7709	8459
Bolong Road	2	2	5	12	30	64	117	191	241	338	442	547	654	765	879	997	1119	1244	1373
Bomaderry	17	19	40	97	213	421	734	1157	1451	2026	2649	3268	3905	4559	5232	5925	6637	7369	8121
Bonnyrigg	17	19	41	101	282	668	1310	2204	2804	3933	5158	6381	7642	8944	10291	11680	13113	14590	16110
Bossley Park	10	12	24	58	165	396	786	1335	1701	2389	3135	3881	4651	5448	6274	7128	8010	8921	9862
Bow Bowing	4	5	11	28	83	200	396	669	851	1194	1566	1937	2320	2714	3122	3543	3977	4423	4883
Bowral	49	55	118	286	529	844	1202	1618	1953	2685	3470	4243	5022	5811	6609	7416	8234	9062	9899
Bringelly	6	7	15	37	99	225	430	711	901	1262	1653	2043	2445	2858	3285	3724	4176	4640	5117
Bulli	14	16	36	89	236	539	1030	1706	2163	3032	3973	4911	5877	6872	7897	8952	10038	11154	12300
Bylong	0	0	1	3	8	18	32	52	65	91	119	147	175	204	234	264	295	327	360
Cabramatta	7	8	17	41	117	281	557	943	1202	1687	2212	2738	3280	3840	4420	5018	5635	6272	6929
Cambridge Park	10	11	26	64	189	456	900	1515	1928	2704	3545	4385	5250	6141	7061	8009	8984	9987	11018
Campbelltown	9	11	24	59	163	381	739	1233	1567	2196	2878	3558	4259	4981	5727	6496	7288	8102	8939
Canley Vale	21	23	50	121	312	703	1342	2229	2829	3964	5195	6424	7692	9000	10353	11749	13189	14673	16202
Carramar	13	14	30	71	188	434	842	1412	1796	2520	3305	4089	4899	5736	6602	7498	8423	9379	10364
Castle Hill	52	59	128	313	614	1055	1623	2330	2859	3955	5133	6298	7482	8688	9917	11169	12443	13738	15055

Table A5.4 Total plug-in electric vehicle registrations by ZSS – AEMO Net Zero 2050 (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Casula	11	13	28	71	216	533	1067	1812	2309	3241	4251	5259	6299	7373	8482	9626	10805	12020	13269
Cattai	9	10	21	51	117	235	415	659	828	1157	1511	1865	2228	2602	2987	3383	3791	4210	4640
Cawdor	9	10	22	54	141	318	609	1012	1284	1801	2361	2921	3498	4093	4708	5343	5998	6672	7363
Cheriton Avenue	29	33	72	178	346	586	889	1260	1542	2130	2762	3386	4019	4663	5318	5983	6660	7346	8042
Chipping Norton	4	5	11	28	79	187	365	611	776	1089	1427	1764	2112	2470	2841	3222	3614	4018	4434
Claremont Meadows	10	11	26	64	181	425	828	1385	1759	2467	3233	3998	4785	5597	6434	7297	8184	9097	10034
Corrimal	13	15	33	83	213	472	885	1449	1833	2567	3362	4154	4968	5806	6667	7551	8460	9393	10350
Cranebrook	7	9	19	48	140	338	668	1126	1434	2012	2638	3263	3907	4572	5259	5967	6696	7446	8218
Culburra	10	11	23	54	130	276	508	828	1046	1465	1919	2372	2838	3319	3815	4326	4853	5396	5956
Dapto	19	21	46	112	289	645	1221	2014	2551	3577	4687	5795	6935	8108	9314	10555	11831	13142	14488
Darkes Forest	1	1	2	6	18	46	94	161	205	288	378	468	560	656	755	857	963	1072	1184
Doonside	32	37	82	204	486	1013	1823	2910	3661	5113	6681	8241	9842	11484	13173	14906	16681	18500	20361
Dundas	45	50	108	265	560	1047	1745	2659	3311	4607	6004	7393	8813	10268	11761	13291	14858	16461	18102
East Richmond	7	8	17	41	111	256	496	831	1056	1480	1941	2400	2874	3364	3871	4394	4934	5490	6063
Eastern Creek	0	1	1	3	10	25	49	83	105	147	193	239	286	335	385	437	491	546	602
Edmondson Park	4	5	11	29	87	213	426	721	919	1289	1691	2092	2505	2932	3372	3826	4294	4776	5271
Emu Plains	16	19	40	99	220	430	742	1155	1446	2015	2629	3240	3865	4505	5162	5835	6524	7229	7948
Fairfield	8	9	18	44	120	283	555	936	1191	1672	2193	2714	3251	3807	4383	4977	5591	6225	6879
Figtree	16	18	40	99	254	561	1053	1723	2179	3052	3998	4940	5908	6904	7927	8979	10060	11170	12308
Gerringong	11	12	27	66	121	190	265	349	418	573	739	902	1065	1230	1396	1562	1730	1898	2068
Glenmore Park	7	9	19	49	141	336	660	1110	1411	1979	2594	3208	3841	4493	5165	5858	6572	7305	8059
Glenorie	7	8	17	43	80	130	189	257	311	428	553	676	801	926	1054	1183	1313	1445	1578
Glossodia	7	8	17	40	104	236	453	756	960	1346	1764	2182	2614	3060	3522	4000	4493	5002	5528
Granville 132kv	20	22	48	118	251	475	796	1218	1517	2111	2752	3389	4040	4707	5392	6092	6810	7543	8294
Greystanes	15	17	38	93	221	463	841	1354	1707	2385	3120	3851	4603	5377	6174	6993	7835	8700	9588
Hartley Vale	1	1	2	5	10	19	31	47	59	82	107	132	157	183	209	236	264	292	321
Hazelbrook	16	19	41	101	212	390	637	956	1185	1645	2141	2632	3133	3644	4167	4701	5246	5801	6366

Table A5.4 Total plug-in electric vehicle registrations by ZSS – AEMO Net Zero 2050 (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Helensburgh	4	5	11	28	72	160	300	491	621	869	1139	1407	1683	1967	2258	2558	2866	3182	3506
Hinchinbrook	13	16	35	87	252	603	1186	1993	2535	3555	4660	5763	6899	8071	9280	10527	11810	13130	14487
Holroyd	47	54	117	288	657	1323	2330	3679	4618	6443	8416	10379	12392	14458	16584	18765	21003	23297	25647
Homepride	9	11	25	61	179	432	854	1439	1831	2569	3368	4165	4987	5835	6711	7613	8543	9499	10483
Horsley Park	2	2	4	9	27	65	129	218	278	390	512	633	759	889	1023	1161	1304	1452	1604
Huntingwood	3	4	8	20	45	91	161	255	321	448	585	722	863	1007	1156	1309	1466	1627	1793
Huskisson	17	19	39	94	226	481	887	1446	1827	2558	3351	4141	4955	5795	6660	7553	8473	9421	10398
Ilford Hall	0	1	1	6	14	30	55	87	110	154	201	248	296	345	395	446	499	553	608
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jamberoo	2	3	5	13	32	73	139	231	293	412	540	668	800	937	1077	1221	1369	1522	1679
Jasper Road	25	29	62	152	290	477	700	965	1172	1614	2088	2555	3028	3506	3992	4484	4982	5485	5994
Jordan Springs	6	7	15	36	106	254	502	847	1078	1513	1983	2453	2938	3438	3955	4487	5036	5601	6182
Kandos	4	5	12	59	150	324	594	953	1199	1677	2192	2703	3226	3761	4308	4867	5440	6026	6626
Kangaroo Valley	3	3	7	18	41	84	151	242	305	427	558	690	825	964	1107	1254	1406	1562	1723
Katoomba	17	20	42	105	223	420	701	1067	1328	1846	2405	2960	3526	4106	4700	5308	5929	6563	7210
Kellyville	16	18	39	97	186	309	460	641	781	1077	1395	1708	2025	2347	2673	3004	3340	3680	4023
Kembla Grange	4	5	11	26	68	149	280	458	579	811	1062	1312	1569	1833	2105	2384	2671	2965	3268
Kemps Creek	3	3	7	17	50	121	240	405	515	723	948	1173	1404	1643	1889	2143	2404	2673	2950
Kenny Street	0	0	1	2	6	12	23	38	48	68	89	110	131	154	176	200	224	248	274
Kenthurst	27	30	66	161	307	507	745	1029	1251	1723	2230	2729	3234	3746	4266	4792	5325	5864	6409
Kentlyn	13	15	33	81	232	554	1089	1831	2329	3267	4283	5297	6342	7420	8534	9683	10866	12084	13336
Kiama	47	53	115	281	498	734	941	1130	1320	1789	2288	2772	3250	3724	4192	4655	5113	5564	6010
Kingswood	12	15	33	83	248	604	1199	2025	2578	3617	4743	5866	7024	8218	9451	10721	12028	13373	14755
Kurrajong	9	10	21	49	128	292	563	942	1197	1678	2199	2720	3258	3814	4390	4985	5600	6235	6889
Leabons Lane	12	14	31	77	183	382	687	1096	1379	1926	2517	3104	3707	4326	4962	5615	6284	6969	7670
Lennox	32	36	78	191	390	703	1129	1675	2072	2875	3739	4596	5470	6362	7275	8207	9158	10129	11118
Lithgow	17	18	40	98	225	453	800	1262	1582	2210	2888	3562	4252	4960	5685	6429	7192	7975	8778
Liverpool	13	15	33	83	242	584	1153	1944	2474	3470	4550	5628	6739	7885	9069	10290	11547	12841	14172
Luddenham	4	5	11	28	76	175	337	560	711	997	1306	1615	1933	2260	2598	2946	3305	3673	4052

Table A5.4 Total plug-in electric vehicle registrations by ZSS – AEMO Net Zero 2050 (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Macquarie Fields	12	14	31	77	240	605	1226	2094	2673	3753	4925	6095	7303	8550	9842	11174	12548	13964	15422
Maldon	18	20	43	103	238	491	888	1428	1800	2519	3296	4072	4870	5692	6539	7411	8310	9233	10180
Mamre	10	12	27	68	183	420	805	1333	1690	2368	3101	3833	4585	5360	6158	6980	7824	8692	9583
Marayong	12	14	30	76	181	377	679	1084	1363	1903	2487	3068	3664	4276	4905	5550	6211	6888	7581
Marsden Park	10	12	25	62	147	305	553	889	1120	1566	2047	2527	3021	3529	4053	4592	5146	5716	6302
Meadow Flat	2	2	4	9	21	39	66	101	125	174	227	280	333	387	443	499	557	616	676
Minto	10	12	26	64	201	505	1023	1749	2232	3134	4112	5089	6098	7139	8218	9330	10478	11660	12878
Mittagong	20	22	47	113	225	397	629	926	1143	1586	2063	2537	3019	3513	4018	4533	5061	5599	6148
Moorebank	4	5	11	28	82	197	389	656	835	1172	1536	1900	2276	2663	3062	3474	3899	4336	4785
Moss Vale	44	49	104	252	466	740	1051	1410	1701	2338	3022	3694	4373	5060	5754	6457	7169	7889	8619
Mt Ousley	9	11	23	58	148	328	615	1006	1272	1782	2334	2883	3449	4030	4628	5242	5873	6520	7185
Mungerie Park	61	69	150	369	764	1391	2258	3372	4179	5803	7552	9287	11056	12864	14713	16602	18531	20498	22504
Narellan	16	18	40	102	249	527	960	1546	1948	2722	3560	4393	5249	6128	7033	7963	8917	9896	10899
Nepean	17	19	42	105	254	537	981	1582	1995	2789	3648	4504	5383	6287	7219	8176	9160	10169	11204
Newton	5	6	14	35	83	173	311	497	625	872	1140	1406	1679	1959	2248	2543	2846	3157	3474
North Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Leppington	5	6	13	32	76	159	287	460	579	810	1059	1307	1561	1822	2091	2368	2651	2942	3240
North Parramatta	50	56	122	301	598	1040	1614	2330	2865	3963	5144	6312	7499	8708	9942	11198	12476	13776	15096
North Richmond	6	7	14	34	92	214	418	702	893	1252	1642	2031	2433	2848	3278	3723	4181	4655	5143
North Rocks	24	27	58	142	283	495	772	1119	1378	1907	2476	3040	3613	4197	4793	5400	6018	6647	7286
North Warragamba	5	6	12	29	90	229	470	812	1038	1460	1919	2378	2853	3344	3854	4381	4927	5490	6069
North Wollongong	5	6	13	32	83	184	346	566	716	1003	1314	1623	1942	2269	2605	2951	3306	3671	4045
Northmead	29	33	72	177	355	623	978	1425	1755	2431	3157	3877	4609	5355	6117	6893	7684	8488	9307
Nowra	13	15	31	74	185	409	774	1281	1624	2278	2986	3693	4423	5176	5952	6753	7580	8432	9310

Table A5.4 Total plug-in electric vehicle registrations by ZSS – AEMO Net Zero 2050 (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Oakdale	2	2	4	10	33	86	180	314	402	567	746	925	1111	1304	1504	1712	1927	2150	2379
Oran Park	27	32	70	174	390	764	1317	2046	2559	3565	4651	5730	6835	7966	9128	10317	11535	12781	14054
Parklea	35	40	87	214	474	928	1602	2497	3125	4356	5687	7009	8364	9752	11176	12635	14130	15659	17222
Penrith 11kv	5	6	13	32	97	236	469	791	1007	1413	1853	2292	2745	3211	3693	4189	4700	5225	5765
Plumpton	31	36	79	196	443	882	1536	2405	3013	4200	5483	6757	8062	9400	10774	12182	13624	15099	16608
Port Central	12	13	29	71	144	255	403	589	726	1007	1309	1608	1912	2221	2536	2856	3182	3514	3851
Port Kembla	9	10	22	52	156	387	782	1336	1705	2398	3149	3900	4675	5475	6300	7149	8026	8928	9856
Portland	3	4	8	19	42	82	141	220	274	383	500	616	735	857	982	1109	1241	1376	1514
Prestons	10	12	26	65	183	430	838	1401	1780	2495	3269	4042	4838	5659	6506	7379	8277	9201	10151
Prospect	16	18	39	97	211	407	693	1071	1338	1863	2430	2994	3570	4162	4769	5391	6029	6682	7349
Quakers Hill	25	29	64	159	379	790	1424	2277	2865	4001	5229	6451	7705	8991	10315	11673	13066	14492	15953
Quarries	8	9	20	49	113	228	403	638	801	1118	1460	1800	2149	2508	2876	3254	3642	4039	4445
Ringwood	16	18	38	91	168	268	382	514	620	853	1103	1348	1596	1847	2101	2358	2618	2882	3149
Riverstone	16	18	39	96	208	401	683	1058	1323	1842	2404	2962	3534	4121	4724	5343	5978	6628	7294
Robertson	16	18	39	95	180	295	431	594	722	994	1287	1575	1866	2162	2462	2766	3074	3386	3701
Rooty Hill	19	22	49	122	292	608	1094	1748	2199	3070	4013	4950	5911	6898	7912	8953	10020	11113	12232
Rosehill	10	11	24	59	118	206	322	468	576	798	1037	1273	1513	1758	2008	2263	2522	2786	3055
Russell Vale	13	15	32	80	205	454	851	1394	1763	2469	3233	3995	4778	5584	6412	7262	8137	9034	9955
Rydalmere	144	160	343	835	1518	2360	3265	4284	5137	7036	9069	11067	13080	15112	17174	19258	21364	23493	25643
Schofields	24	28	61	150	336	661	1141	1775	2220	3094	4037	4974	5933	6916	7924	8956	10012	11092	12196
Seven Hills	11	12	27	68	153	301	520	810	1014	1413	1843	2271	2709	3157	3618	4089	4572	5066	5570
Shellharbour	20	21	45	107	270	602	1147	1905	2418	3392	4450	5505	6592	7711	8863	10048	11268	12521	13809
Sherwood	19	21	46	112	281	615	1151	1890	2392	3349	4386	5420	6485	7583	8717	9885	11088	12327	13602
Smithfield	17	19	41	97	272	652	1294	2196	2799	3929	5156	6383	7651	8961	10319	11723	13173	14672	16218
South Granville	42	46	98	236	494	925	1549	2376	2964	4126	5381	6630	7910	9225	10579	11969	13398	14864	16369
South Leppington	8	9	20	51	145	347	683	1149	1461	2049	2687	3323	3979	4655	5355	6075	6818	7582	8368
South Marsden Park	6	6	14	36	87	185	337	544	687	960	1255	1550	1852	2163	2483	2812	3149	3496	3851

Table A5.4 Total plug-in electric vehicle registrations by ZSS – AEMO Net Zero 2050 (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
South Nowra	4	4	8	20	47	100	184	300	380	532	696	861	1030	1204	1384	1570	1761	1958	2161
South Windsor	10	12	25	61	166	383	741	1238	1572	2204	2888	3572	4276	5003	5755	6530	7329	8151	8998
South Wollongong	3	4	9	22	56	125	234	383	485	679	889	1099	1314	1536	1763	1997	2238	2484	2738
Springwood	24	28	60	149	314	582	959	1445	1794	2493	3245	3992	4753	5530	6326	7139	7969	8816	9679
St Marys	13	15	33	84	229	528	1015	1685	2137	2994	3922	4847	5800	6780	7791	8831	9901	10999	12127
Sussex Inlet	10	11	23	58	138	290	527	849	1070	1496	1957	2416	2887	3373	3872	4385	4913	5455	6012
Tahmoor	19	21	44	106	250	526	965	1567	1979	2771	3628	4484	5365	6273	7210	8175	9169	10192	11241
The Oaks	3	4	8	19	50	114	219	365	464	650	853	1055	1263	1479	1701	1931	2168	2412	2662
Tomerong	5	6	12	30	72	152	281	457	578	810	1060	1310	1568	1834	2108	2390	2681	2981	3291
Ulladulla	21	24	50	121	295	635	1177	1922	2429	3402	4456	5507	6589	7704	8854	10038	11259	12516	13809
Unanderra	6	7	14	36	93	205	384	629	795	1114	1459	1803	2156	2520	2893	3277	3671	4076	4492
Warilla	6	6	11	23	115	360	813	1471	1899	2683	3537	4393	5280	6199	7149	8133	9151	10202	11288
Wentworth Falls	9	10	23	56	122	232	391	598	746	1037	1351	1663	1981	2307	2641	2982	3331	3687	4050
Werrington	13	15	34	85	226	509	967	1594	2020	2828	3703	4575	5473	6396	7348	8326	9332	10365	11425
West Castle Hill	25	28	61	151	288	476	701	971	1181	1627	2105	2577	3054	3538	4029	4527	5030	5540	6055
West Liverpool	12	13	29	73	203	476	925	1545	1963	2752	3606	4459	5337	6242	7176	8138	9129	10148	11196
West Parramatta	9	10	21	53	112	211	352	537	668	930	1212	1492	1778	2071	2371	2679	2994	3316	3645
West Pennant Hills	30	33	73	178	342	570	847	1181	1439	1984	2569	3146	3731	4323	4926	5537	6156	6783	7418
West Wetherill Park	0	0	0	1	2	3	6	9	12	16	21	26	31	36	42	47	53	59	64
West Wollongong	9	10	22	54	138	305	573	938	1186	1661	2176	2688	3215	3758	4314	4887	5475	6079	6698
Westmead	7	7	16	40	83	149	241	358	443	614	799	982	1169	1360	1555	1755	1959	2166	2378
Wetherill Park	1	1	2	5	13	32	62	104	133	186	244	302	362	424	488	555	623	693	766
Whalan	7	8	19	47	111	232	418	667	839	1172	1531	1889	2256	2632	3019	3416	3824	4240	4667
Wilton	1	1	3	6	20	52	108	188	240	339	445	553	664	779	898	1022	1151	1284	1421

Table A5.4 Total plug-in electric vehicle registrations by ZSS – AEMO Net Zero 2050 (number) – continued																			
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Windsor	8	9	18	44	114	254	483	801	1016	1424	1865	2306	2761	3230	3717	4218	4736	5270	5820
Wisemans	5	6	13	31	75	159	294	480	607	850	1112	1374	1644	1923	2211	2508	2814	3130	3455
Wombarra	5	6	13	32	82	181	339	555	702	983	1288	1592	1904	2225	2554	2893	3241	3599	3966
Woodpark	6	7	15	36	83	170	304	485	610	852	1113	1374	1641	1917	2200	2492	2791	3099	3415
Yatte Yattah	15	17	37	89	181	323	517	764	945	1311	1706	2097	2496	2903	3320	3746	4181	4624	5077
Yennora	19	20	43	103	262	585	1114	1849	2346	3288	4310	5331	6384	7471	8597	9760	10961	12200	13478
GRAND TOTAL	**2357**	**2664**	**5785**	**14243**	**32531**	**65671**	**116033**	**183628**	**230594**	**321884**	**420579**	**518785**	**619543**	**723007**	**829416**	**938644**	**1050761**	**1165726**	**1283530**

Table A5.5 Plug-in electric vehicle impact on annual energy – AEMO Net Zero 2050 (GWh)																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Abbotsbury	0.0	0.0	0.0	0.1	0.2	0.5	1.3	2.5	4.5	5.4	8.1	11.1	14.1	17.2	20.6	24.0	27.6	31.3	35.2
Albion Park	0.0	0.0	0.0	0.1	0.3	0.7	1.7	3.4	5.9	7.1	10.8	14.8	19.0	23.2	27.9	32.4	37.3	42.3	47.5
Ambarvale	0.0	0.0	0.0	0.1	0.1	0.4	1.1	2.2	3.9	4.8	7.2	9.9	12.6	15.4	18.4	21.5	24.7	28.0	31.5
Anzac Village	0.0	0.0	0.0	0.0	0.1	0.4	1.0	1.9	3.4	4.2	6.3	8.6	11.0	13.4	16.1	18.7	21.5	24.4	27.4
Appin	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.9	1.7	2.1	3.1	4.3	5.5	6.7	8.1	9.4	10.8	12.3	13.9
Arndell Park	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.8	2.2	3.3	4.5	5.7	6.9	8.3	9.6	11.0	12.4	14.0
Baulkham Hills 11kv	0.0	0.1	0.1	0.2	0.5	1.0	1.9	3.1	4.9	5.8	8.6	11.7	14.8	17.9	21.4	24.8	28.3	31.9	35.7
Bella Vista	0.0	0.1	0.1	0.2	0.4	1.0	1.9	3.1	5.0	5.9	8.7	11.9	15.0	18.3	21.8	25.2	28.8	32.5	36.3
Berrima Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Berry	0.0	0.0	0.0	0.1	0.3	0.5	0.9	1.4	2.1	2.4	3.6	4.9	6.2	7.5	8.9	10.3	11.7	13.2	14.7
Blackheath	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.2	1.9	2.2	3.3	4.5	5.8	7.0	8.3	9.7	11.1	12.5	14.0
Blackmans Flat	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.4	1.7	2.6	3.5	4.5	5.5	6.6	7.6	8.8	9.9	11.2
Blaxland	0.0	0.1	0.1	0.1	0.4	0.8	1.5	2.6	4.1	4.8	7.2	9.8	12.4	15.0	17.9	20.7	23.7	26.7	29.9
Bolong Road	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.9	1.2	1.5	1.9	2.2	2.6	3.0	3.4	3.8
Bomaderry	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.8	3.0	3.5	5.3	7.2	9.2	11.2	13.4	15.6	17.8	20.2	22.6
Bonnyrigg	0.0	0.0	0.0	0.1	0.2	0.7	1.7	3.3	5.9	7.2	10.8	14.7	18.8	23.0	27.5	32.1	36.8	41.8	46.9
Bossley Park	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.8	3.2	3.8	5.7	7.8	10.0	12.2	14.6	17.1	19.6	22.3	25.0
Bow Bowing	0.0	0.0	0.0	0.0	0.1	0.2	0.6	1.1	2.0	2.4	3.7	5.0	6.4	7.8	9.4	10.9	12.6	14.3	16.0
Bowral	0.1	0.1	0.1	0.2	0.6	1.2	2.0	2.9	4.1	4.7	7.0	9.4	11.9	14.4	17.1	19.7	22.3	25.1	27.9
Bringelly	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.4	2.5	3.0	4.5	6.2	7.8	9.6	11.5	13.4	15.4	17.5	19.6
Bulli	0.0	0.0	0.0	0.1	0.2	0.7	1.6	3.2	5.6	6.7	10.2	13.9	17.8	21.7	26.1	30.4	34.9	39.6	44.5
Bylong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Cabramatta	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.4	2.5	3.0	4.5	6.2	7.9	9.6	11.6	13.5	15.5	17.6	19.7
Cambridge Park	0.0	0.0	0.0	0.1	0.2	0.6	1.5	3.0	5.3	6.5	9.8	13.4	17.2	21.0	25.2	29.3	33.8	38.3	43.0
Campbelltown	0.0	0.0	0.0	0.1	0.2	0.5	1.1	2.2	3.9	4.7	7.0	9.6	12.3	15.0	18.0	20.9	24.1	27.3	30.7
Canley Vale	0.0	0.0	0.0	0.1	0.3	0.7	1.6	3.2	5.5	6.7	10.0	13.6	17.3	21.1	25.3	29.4	33.8	38.3	43.0
Carramar	0.0	0.0	0.0	0.1	0.1	0.4	1.0	1.9	3.4	4.1	6.1	8.3	10.6	12.9	15.5	18.0	20.7	23.5	26.4
Castle Hill	0.1	0.1	0.1	0.3	0.7	1.6	2.8	4.5	6.8	8.0	11.9	16.1	20.4	24.7	29.4	34.0	38.8	43.7	48.8

Table A5.5 Plug-in electric vehicle impact on annual energy – AEMO Net Zero 2050 (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Casula	0.0	0.0	0.0	0.1	0.2	0.6	1.5	3.1	5.6	6.9	10.3	14.1	18.0	22.1	26.5	30.8	35.5	40.2	45.2
Cattai	0.0	0.0	0.0	0.1	0.1	0.4	0.8	1.4	2.4	2.9	4.3	5.9	7.5	9.1	10.9	12.7	14.6	16.5	18.6
Cawdor	0.0	0.0	0.0	0.1	0.2	0.5	1.1	2.2	3.9	4.7	7.2	9.9	12.6	15.4	18.5	21.6	24.9	28.3	31.9
Cheriton Avenue	0.0	0.1	0.1	0.2	0.4	0.9	1.7	2.6	3.9	4.6	6.8	9.3	11.7	14.2	16.9	19.6	22.4	25.2	28.1
Chipping Norton	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.8	2.2	3.3	4.6	5.8	7.1	8.5	9.9	11.4	12.9	14.5
Claremont Meadows	0.0	0.0	0.0	0.1	0.2	0.6	1.4	2.8	4.9	5.9	8.9	12.3	15.7	19.2	23.0	26.8	30.8	34.9	39.3
Corrimal	0.0	0.0	0.0	0.1	0.2	0.6	1.4	2.7	4.7	5.7	8.6	11.8	15.1	18.4	22.1	25.7	29.5	33.5	37.6
Cranebrook	0.0	0.0	0.0	0.1	0.1	0.4	1.1	2.3	4.0	4.9	7.4	10.2	13.0	15.9	19.1	22.2	25.6	29.0	32.7
Culburra	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.2	2.1	2.5	3.8	5.2	6.7	8.1	9.7	11.3	13.0	14.8	16.6
Dapto	0.0	0.0	0.1	0.1	0.3	0.8	1.9	3.7	6.5	7.9	11.9	16.3	20.8	25.5	30.6	35.6	40.9	46.4	52.2
Darkes Forest	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.6	0.9	1.2	1.6	1.9	2.3	2.7	3.1	3.5	4.0
Doonside	0.1	0.1	0.1	0.2	0.5	1.3	2.9	5.4	9.0	10.9	16.3	22.2	28.2	34.4	41.1	47.8	54.8	62.0	69.5
Dundas	0.1	0.1	0.1	0.2	0.6	1.3	2.6	4.5	7.3	8.6	12.9	17.5	22.2	27.0	32.2	37.3	42.8	48.3	54.1
East Richmond	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.7	3.1	3.7	5.6	7.7	9.8	12.0	14.4	16.9	19.4	22.0	24.8
Eastern Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.3	0.5	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
Edmondson Park	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.3	2.4	2.9	4.4	6.0	7.7	9.4	11.3	13.2	15.2	17.2	19.4
Emu Plains	0.0	0.0	0.0	0.1	0.3	0.6	1.3	2.3	3.8	4.5	6.8	9.2	11.7	14.3	17.1	19.8	22.7	25.7	28.8
Fairfield	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.3	2.2	2.7	4.1	5.6	7.1	8.7	10.4	12.1	13.9	15.8	17.7
Figtree	0.0	0.0	0.0	0.1	0.3	0.7	1.7	3.2	5.6	6.8	10.2	14.0	17.9	21.9	26.3	30.6	35.1	39.8	44.7
Gerringong	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.8	1.1	1.3	1.9	2.5	3.2	3.8	4.5	5.2	5.8	6.5	7.2
Glenmore Park	0.0	0.0	0.0	0.1	0.1	0.4	1.1	2.2	3.9	4.8	7.2	9.8	12.5	15.4	18.4	21.5	24.7	28.0	31.5
Glenorie	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.8	0.9	1.3	1.8	2.2	2.7	3.2	3.7	4.2	4.7	5.2
Glossodia	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.6	2.8	3.5	5.2	7.1	9.1	11.2	13.4	15.6	18.0	20.5	23.0
Granville 132kv	0.0	0.0	0.0	0.1	0.3	0.6	1.2	2.1	3.3	4.0	5.9	8.0	10.2	12.4	14.7	17.1	19.6	22.1	24.7
Greystanes	0.0	0.0	0.0	0.1	0.2	0.5	1.2	2.2	3.7	4.5	6.7	9.1	11.6	14.2	17.0	19.7	22.6	25.6	28.7
Hartley Vale	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Hazelbrook	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.9	3.1	3.6	5.4	7.3	9.3	11.3	13.5	15.6	17.8	20.1	22.5

Table A5.5 Plug-in electric vehicle impact on annual energy – AEMO Net Zero 2050 (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Helensburgh	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.6	1.9	2.9	4.0	5.1	6.2	7.5	8.7	10.0	11.3	12.7
Hinchinbrook	0.0	0.0	0.0	0.1	0.2	0.7	1.7	3.5	6.2	7.5	11.3	15.4	19.7	24.1	28.8	33.6	38.6	43.8	49.2
Holroyd	0.1	0.1	0.1	0.3	0.7	1.6	3.4	6.1	10.2	12.2	18.2	24.8	31.5	38.3	45.8	53.2	61.0	68.9	77.2
Homepride	0.0	0.0	0.0	0.1	0.2	0.5	1.2	2.4	4.3	5.2	7.9	10.8	13.7	16.7	20.1	23.4	26.9	30.5	34.2
Horsley Park	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.7	1.1	1.4	1.8	2.2	2.7	3.1	3.6	4.1	4.6
Huntingwood	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.9	1.3	1.8	2.3	2.8	3.3	3.9	4.4	5.0	5.6
Huskisson	0.0	0.0	0.0	0.1	0.2	0.5	1.1	2.1	3.7	4.4	6.7	9.1	11.6	14.2	17.0	19.8	22.7	25.8	28.9
Ilford Hall	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
Inner Harbour	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jamberoo	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.8	1.0	1.5	2.0	2.6	3.2	3.8	4.4	5.1	5.8	6.5
Jasper Road	0.0	0.1	0.1	0.1	0.4	0.8	1.3	2.0	2.9	3.3	4.9	6.7	8.4	10.2	12.1	13.9	15.8	17.8	19.8
Jordan Springs	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.7	3.0	3.7	5.6	7.7	9.8	12.0	14.4	16.8	19.3	21.9	24.6
Kandos	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.4	2.4	2.9	4.4	6.0	7.6	9.3	11.1	12.9	14.7	16.7	18.7
Kangaroo Valley	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.7	1.1	1.5	1.9	2.4	2.8	3.3	3.8	4.3	4.8
Katoomba	0.0	0.0	0.0	0.1	0.3	0.6	1.3	2.2	3.6	4.2	6.3	8.6	10.9	13.3	15.9	18.4	21.1	23.8	26.7
Kellyville	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.3	1.9	2.3	3.4	4.5	5.7	6.9	8.2	9.5	10.8	12.2	13.5
Kembla Grange	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.9	1.5	1.8	2.7	3.7	4.7	5.8	7.0	8.1	9.3	10.5	11.8
Kemps Creek	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.8	1.4	1.7	2.5	3.4	4.4	5.4	6.4	7.5	8.6	9.8	11.0
Kenny Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Kenthurst	0.0	0.1	0.1	0.1	0.4	0.8	1.4	2.1	3.1	3.6	5.3	7.1	9.0	10.9	12.9	14.9	17.0	19.1	21.3
Kentlyn	0.0	0.0	0.0	0.1	0.2	0.6	1.6	3.2	5.6	6.8	10.3	14.0	17.9	21.9	26.2	30.5	35.1	39.8	44.8
Kiama	0.1	0.1	0.1	0.3	0.8	1.5	2.3	3.1	3.9	4.4	6.4	8.6	10.8	12.9	15.2	17.3	19.5	21.7	23.9
Kingswood	0.0	0.0	0.0	0.1	0.2	0.8	2.0	4.0	7.2	8.7	13.2	18.1	23.1	28.3	33.9	39.5	45.5	51.6	58.0
Kurrajong	0.0	0.0	0.0	0.1	0.2	0.4	1.0	2.0	3.5	4.3	6.5	8.9	11.3	13.9	16.7	19.4	22.4	25.5	28.7
Leabons Lane	0.0	0.0	0.0	0.1	0.2	0.5	1.1	2.0	3.4	4.1	6.1	8.4	10.6	13.0	15.5	18.0	20.6	23.3	26.2
Lennox	0.0	0.1	0.1	0.2	0.4	0.9	1.8	2.9	4.6	5.4	8.0	10.9	13.7	16.7	19.9	23.0	26.3	29.7	33.1
Lithgow	0.0	0.0	0.0	0.1	0.2	0.5	1.2	2.1	3.5	4.2	6.4	8.7	11.1	13.5	16.2	18.8	21.6	24.4	27.3
Liverpool	0.0	0.0	0.0	0.1	0.2	0.6	1.6	3.2	5.8	7.0	10.5	14.3	18.3	22.4	26.8	31.2	35.9	40.7	45.7
Luddenham	0.0	0.0	0.0	0.0	0.1	0.2	0.6	1.1	2.0	2.4	3.7	5.0	6.4	7.8	9.4	11.0	12.6	14.3	16.1

Table A5.5 Plug-in electric vehicle impact on annual energy – AEMO Net Zero 2050 (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Macquarie Fields	0.0	0.0	0.0	0.1	0.2	0.7	1.7	3.5	6.3	7.7	11.6	15.8	20.2	24.7	29.6	34.5	39.7	45.1	50.7
Maldon	0.0	0.0	0.0	0.1	0.3	0.7	1.5	3.0	5.2	6.3	9.5	13.0	16.6	20.4	24.5	28.5	32.8	37.3	41.9
Mamre	0.0	0.0	0.0	0.1	0.2	0.5	1.3	2.6	4.5	5.4	8.2	11.2	14.3	17.5	21.0	24.4	28.1	31.8	35.7
Marayong	0.0	0.0	0.0	0.1	0.2	0.5	1.1	2.0	3.4	4.0	6.1	8.3	10.5	12.8	15.3	17.8	20.4	23.1	25.9
Marsden Park	0.0	0.0	0.0	0.1	0.2	0.4	0.9	1.7	2.8	3.4	5.1	7.0	8.9	10.9	13.0	15.1	17.4	19.7	22.1
Meadow Flat	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
Minto	0.0	0.0	0.0	0.1	0.2	0.5	1.4	2.9	5.3	6.4	9.7	13.2	16.9	20.6	24.7	28.8	33.2	37.7	42.4
Mittagong	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.9	3.1	3.7	5.5	7.5	9.5	11.6	13.9	16.1	18.4	20.9	23.4
Moorebank	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.1	1.9	2.4	3.5	4.8	6.2	7.5	9.0	10.5	12.1	13.7	15.4
Moss Vale	0.1	0.1	0.1	0.2	0.5	1.0	1.7	2.5	3.6	4.1	6.1	8.2	10.4	12.5	14.9	17.1	19.5	21.8	24.3
Mt Ousley	0.0	0.0	0.0	0.1	0.2	0.4	1.0	1.9	3.3	4.0	6.0	8.2	10.4	12.8	15.3	17.9	20.5	23.2	26.1
Mungerie Park	0.1	0.1	0.2	0.3	0.9	2.0	3.8	6.3	10.0	11.8	17.6	24.0	30.4	36.9	44.0	51.0	58.3	65.8	73.6
Narellan	0.0	0.0	0.0	0.1	0.3	0.7	1.6	3.0	5.1	6.1	9.1	12.5	15.9	19.4	23.1	26.9	30.9	35.0	39.2
Nepean	0.0	0.0	0.1	0.1	0.3	0.8	1.7	3.2	5.6	6.7	10.1	13.9	17.7	21.6	25.8	30.1	34.6	39.2	44.0
Newton	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.5	1.9	2.8	3.8	4.8	5.9	7.0	8.2	9.3	10.6	11.9
North Eastern Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Leppington	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.4	1.7	2.5	3.5	4.4	5.4	6.4	7.5	8.6	9.7	10.9
North Parramatta	0.1	0.1	0.1	0.3	0.7	1.5	2.7	4.3	6.5	7.6	11.3	15.2	19.3	23.4	27.8	32.1	36.7	41.3	46.1
North Richmond	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.5	2.6	3.2	4.8	6.6	8.4	10.3	12.3	14.4	16.6	18.9	21.2
North Rocks	0.0	0.1	0.1	0.1	0.3	0.7	1.3	2.1	3.2	3.7	5.5	7.4	9.4	11.4	13.6	15.7	17.9	20.2	22.5
North Warragamba	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.8	3.3	4.0	6.1	8.4	10.8	13.3	16.0	18.7	21.5	24.5	27.6
North Wollongong	0.0	0.0	0.0	0.0	0.1	0.2	0.6	1.1	1.8	2.2	3.4	4.6	5.9	7.2	8.6	10.0	11.5	13.1	14.7
Northmead	0.0	0.1	0.1	0.2	0.4	0.9	1.6	2.6	4.0	4.7	7.0	9.5	12.0	14.6	17.3	20.1	22.9	25.8	28.8
Nowra	0.0	0.0	0.0	0.1	0.2	0.4	1.0	2.0	3.4	4.2	6.3	8.6	11.0	13.4	16.1	18.7	21.5	24.4	27.5

Table A5.5 Plug-in electric vehicle impact on annual energy – AEMO Net Zero 2050 (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Oakdale	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.4	1.7	2.6	3.5	4.5	5.6	6.7	7.8	9.1	10.3	11.7
Oran Park	0.0	0.1	0.1	0.2	0.5	1.1	2.3	4.1	6.7	8.0	12.0	16.4	20.8	25.3	30.3	35.2	40.3	45.5	51.0
Parklea	0.1	0.1	0.1	0.2	0.5	1.3	2.7	4.8	8.0	9.5	14.3	19.5	24.8	30.2	36.1	42.0	48.1	54.4	61.0
Penrith 11kv	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.6	2.8	3.4	5.2	7.1	9.0	11.0	13.3	15.4	17.8	20.2	22.7
Plumpton	0.1	0.1	0.1	0.2	0.5	1.2	2.5	4.5	7.5	9.0	13.4	18.3	23.2	28.3	33.8	39.3	45.0	50.9	57.0
Port Central	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.3	2.0	2.3	3.4	4.7	6.0	7.2	8.6	10.0	11.4	12.8	14.3
Port Kembla	0.0	0.0	0.0	0.1	0.1	0.5	1.2	2.5	4.5	5.4	8.3	11.4	14.5	17.8	21.4	25.0	28.8	32.7	36.8
Portland	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.7	1.0	1.4	1.7	2.1	2.5	2.9	3.4	3.8	4.2
Prestons	0.0	0.0	0.0	0.1	0.2	0.5	1.2	2.4	4.2	5.1	7.7	10.5	13.4	16.4	19.7	22.9	26.3	29.8	33.5
Prospect	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.8	2.9	3.5	5.1	7.0	8.9	10.8	12.9	15.0	17.1	19.3	21.7
Quakers Hill	0.0	0.1	0.1	0.2	0.4	1.0	2.2	4.1	7.0	8.4	12.5	17.1	21.7	26.5	31.6	36.8	42.2	47.7	53.5
Quarries	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.8	2.2	3.3	4.5	5.7	6.9	8.3	9.6	11.1	12.5	14.0
Ringwood	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.9	1.3	1.5	2.2	3.0	3.8	4.6	5.4	6.2	7.1	8.0	8.9
Riverstone	0.0	0.0	0.0	0.1	0.3	0.6	1.2	2.1	3.5	4.1	6.2	8.5	10.8	13.1	15.7	18.2	20.9	23.7	26.5
Robertson	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.2	1.7	2.0	2.9	3.9	4.9	6.0	7.1	8.2	9.3	10.5	11.7
Rooty Hill	0.0	0.0	0.1	0.1	0.3	0.8	1.8	3.2	5.5	6.5	9.8	13.4	17.0	20.8	24.8	28.8	33.1	37.4	41.9
Rosehill	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.9	1.3	1.6	2.3	3.1	3.9	4.8	5.7	6.6	7.5	8.4	9.4
Russell Vale	0.0	0.0	0.0	0.1	0.2	0.6	1.4	2.6	4.5	5.5	8.3	11.3	14.5	17.7	21.3	24.7	28.4	32.2	36.1
Rydalmere	0.2	0.3	0.3	0.7	1.8	3.4	5.6	8.0	11.2	12.8	18.8	25.1	31.6	38.1	45.1	52.0	59.1	66.3	73.6
Schofields	0.0	0.1	0.1	0.1	0.4	0.9	1.9	3.4	5.5	6.6	9.9	13.5	17.1	20.9	24.9	28.9	33.1	37.5	41.9
Seven Hills	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.5	2.4	2.9	4.4	5.9	7.5	9.2	10.9	12.7	14.6	16.4	18.4
Shellharbour	0.0	0.1	0.1	0.1	0.3	0.8	1.9	3.7	6.5	7.9	11.9	16.4	21.0	25.7	30.8	35.9	41.2	46.8	52.6
Sherwood	0.0	0.0	0.0	0.1	0.2	0.6	1.4	2.8	4.8	5.7	8.6	11.7	14.9	18.2	21.8	25.4	29.1	33.0	37.0
Smithfield	0.0	0.0	0.0	0.1	0.2	0.6	1.4	2.9	5.2	6.3	9.5	12.9	16.5	20.1	24.1	28.1	32.3	36.7	41.2
South Granville	0.1	0.1	0.1	0.2	0.5	1.1	2.2	3.7	6.1	7.2	10.7	14.6	18.4	22.4	26.8	31.1	35.6	40.3	45.1
South Leppington	0.0	0.0	0.0	0.1	0.1	0.4	1.0	2.0	3.5	4.3	6.4	8.8	11.2	13.7	16.4	19.1	22.0	24.9	28.0
South Marsden Park	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.8	2.2	3.3	4.5	5.8	7.1	8.4	9.8	11.3	12.8	14.4

Table A5.5 Plug-in electric vehicle impact on annual energy – AEMO Net Zero 2050 (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
South Nowra	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	0.9	1.4	1.9	2.4	3.0	3.5	4.1	4.7	5.4	6.0
South Windsor	0.0	0.0	0.0	0.1	0.2	0.5	1.3	2.5	4.5	5.4	8.2	11.3	14.4	17.6	21.1	24.6	28.3	32.1	36.1
South Wollongong	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.2	1.5	2.3	3.1	4.0	4.9	5.8	6.8	7.8	8.9	9.9
Springwood	0.0	0.1	0.1	0.1	0.4	0.9	1.7	2.8	4.5	5.3	7.9	10.8	13.6	16.6	19.7	22.9	26.2	29.5	33.0
St Marys	0.0	0.0	0.0	0.1	0.2	0.7	1.7	3.3	5.8	7.0	10.5	14.4	18.3	22.4	26.9	31.3	36.0	40.8	45.8
Sussex Inlet	0.0	0.0	0.0	0.1	0.1	0.3	0.8	1.4	2.4	2.9	4.4	6.0	7.6	9.3	11.1	12.9	14.8	16.8	18.8
Tahmoor	0.0	0.0	0.1	0.1	0.3	0.7	1.7	3.3	5.7	6.9	10.5	14.5	18.5	22.6	27.2	31.7	36.5	41.4	46.6
The Oaks	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.4	1.7	2.6	3.6	4.6	5.6	6.8	7.9	9.1	10.3	11.6
Tomerong	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.2	1.4	2.1	2.9	3.7	4.5	5.4	6.3	7.2	8.2	9.2
Ulladulla	0.0	0.0	0.1	0.1	0.3	0.7	1.6	3.0	5.2	6.2	9.3	12.8	16.3	19.9	23.8	27.7	31.8	36.1	40.5
Unanderra	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.2	2.0	2.5	3.7	5.1	6.5	8.0	9.6	11.2	12.8	14.5	16.3
Warilla	0.0	0.0	0.0	0.0	0.1	0.3	1.1	2.6	5.1	6.3	9.5	13.2	16.9	20.8	25.1	29.3	33.8	38.5	43.4
Wentworth Falls	0.0	0.0	0.0	0.1	0.1	0.3	0.7	1.2	1.9	2.3	3.4	4.6	5.8	7.1	8.4	9.8	11.2	12.6	14.1
Werrington	0.0	0.0	0.0	0.1	0.2	0.7	1.6	3.1	5.4	6.5	9.8	13.4	17.1	20.9	25.1	29.2	33.5	38.0	42.7
West Castle Hill	0.0	0.1	0.1	0.1	0.4	0.8	1.3	2.0	2.9	3.4	5.0	6.8	8.5	10.3	12.3	14.2	16.1	18.1	20.2
West Liverpool	0.0	0.0	0.0	0.1	0.2	0.5	1.3	2.6	4.6	5.5	8.3	11.3	14.4	17.7	21.2	24.6	28.3	32.1	36.1
West Parramatta	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.9	1.4	1.7	2.6	3.5	4.4	5.3	6.4	7.4	8.4	9.5	10.7
West Pennant Hills	0.0	0.1	0.1	0.2	0.4	0.9	1.5	2.3	3.5	4.0	5.9	8.0	10.1	12.3	14.6	16.8	19.1	21.5	24.0
West Wetherill Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
West Wollongong	0.0	0.0	0.0	0.1	0.1	0.4	0.9	1.8	3.1	3.7	5.6	7.6	9.7	11.9	14.3	16.6	19.1	21.7	24.3
Westmead	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	1.0	1.2	1.7	2.3	2.9	3.6	4.3	4.9	5.6	6.3	7.1
Wetherill Park	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.3	0.5	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
Whalan	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.2	2.1	2.5	3.7	5.1	6.5	7.9	9.4	11.0	12.6	14.2	15.9
Wilton	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.0	1.5	2.1	2.7	3.3	4.0	4.7	5.4	6.2	7.0

Table A5.5 Plug-in electric vehicle impact on annual energy – AEMO Net Zero 2050 (GWh) – continued																			
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Windsor	0.0	0.0	0.0	0.1	0.1	0.4	0.9	1.7	3.0	3.6	5.4	7.4	9.4	11.6	13.9	16.2	18.6	21.1	23.8
Wisemans	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.8	2.1	3.2	4.4	5.6	6.9	8.3	9.7	11.1	12.6	14.2
Wombarra	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.8	2.2	3.3	4.5	5.8	7.1	8.5	9.9	11.3	12.8	14.4
Woodpark	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.3	1.5	2.2	3.0	3.9	4.7	5.6	6.6	7.5	8.5	9.5
Yatte Yattah	0.0	0.0	0.0	0.1	0.2	0.5	0.8	1.4	2.1	2.5	3.7	5.1	6.4	7.8	9.3	10.8	12.3	13.9	15.5
Yennora	0.0	0.0	0.0	0.1	0.2	0.6	1.3	2.5	4.4	5.3	8.0	10.9	13.9	16.9	20.3	23.6	27.1	30.8	34.5
GRAND TOTAL	**3.6**	**5.7**	**6.2**	**13.3**	**35.2**	**85.8**	**182.8**	**332.9**	**559.8**	**670.8**	**1005.5**	**1372.5**	**1745.5**	**2130.1**	**2547.6**	**2962.1**	**3397.8**	**3845.9**	**4312.5**

Table A5.6 Plug-in electric vehicle impact on summer peak demand – AEMO Net Zero 2050 (MW)																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Abbotsbury	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.4	1.8	2.6	3.3	4.1	4.9	5.7	6.6	7.4	8.3	9.2
Albion Park	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.5	2.0	2.8	3.6	4.4	5.3	6.2	7.1	8.0	8.9	9.8
Ambarvale	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.8	1.1	1.5	2.0	2.7	3.3	3.9	4.6	5.2	5.9	6.6	7.3
Anzac Village	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.8	2.4	2.9	3.4	4.0	4.6	5.2	5.8	6.4
Appin	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.1	1.3	1.6	1.8	2.1	2.4	2.7	3.0
Arndell Park	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.9	3.2
Baulkham Hills 11kv	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.1	1.4	1.9	2.6	3.3	4.1	4.8	5.6	6.4	7.2	8.0	8.8
Bella Vista	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.8	2.4	3.2	3.9	4.6	5.3	6.1	6.8	7.6	8.3
Berrima Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Berry	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.1	1.4	1.7	2.1	2.4	2.7	3.0	3.4	3.7
Blackheath	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.7	0.9	1.2	1.5	1.8	2.1	2.3	2.6	2.9	3.2
Blackmans Flat	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	1.5	1.7	2.0	2.2	2.5	2.7
Blaxland	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.8	1.0	1.4	1.9	2.5	3.0	3.6	4.2	4.7	5.3	5.9	6.5
Bolong Road	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
Bomaderry	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.8	2.3	2.8	3.4	4.0	4.5	5.1	5.7	6.3
Bonnyrigg	0.0	0.0	0.0	0.0	0.1	0.4	0.8	1.4	1.9	2.5	3.5	4.5	5.6	6.6	7.8	8.9	10.0	11.2	12.4
Bossley Park	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.8	1.1	1.5	2.1	2.8	3.4	4.0	4.7	5.4	6.1	6.9	7.6
Bow Bowing	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.7	1.1	1.4	1.7	2.0	2.4	2.7	3.0	3.4	3.8
Bowral	0.0	0.0	0.1	0.1	0.3	0.5	0.7	1.0	1.3	1.7	2.3	3.0	3.7	4.3	5.0	5.6	6.3	7.0	7.7
Bringelly	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.6	0.8	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.6	3.9
Bulli	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.4	1.9	2.7	3.5	4.3	5.1	6.0	6.8	7.7	8.6	9.5
Bylong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
Cabramatta	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.8	1.1	1.5	1.9	2.4	2.8	3.3	3.8	4.3	4.8	5.3
Cambridge Park	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.9	1.3	1.7	2.4	3.1	3.8	4.6	5.3	6.1	6.9	7.7	8.5
Campbelltown	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.0	1.4	1.9	2.5	3.1	3.7	4.3	4.9	5.6	6.2	6.9
Canley Vale	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.4	1.9	2.5	3.5	4.6	5.6	6.7	7.8	8.9	10.1	11.3	12.5
Carramar	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.2	1.6	2.2	2.9	3.6	4.2	5.0	5.7	6.4	7.2	8.0
Castle Hill	0.0	0.0	0.1	0.1	0.3	0.6	1.0	1.4	1.9	2.5	3.4	4.5	5.4	6.4	7.5	8.5	9.5	10.6	11.6

Table A5.6 Plug-in electric vehicle impact on summer peak demand – AEMO Net Zero 2050 (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Casula	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.5	2.0	2.9	3.7	4.6	5.5	6.4	7.3	8.3	9.2	10.2
Cattai	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2	3.6
Cawdor	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.9	1.1	1.6	2.1	2.5	3.0	3.6	4.1	4.6	5.1	5.7
Cheriton Avenue	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.8	1.0	1.3	1.9	2.4	2.9	3.5	4.0	4.6	5.1	5.7	6.2
Chipping Norton	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.7	1.0	1.3	1.5	1.8	2.1	2.4	2.8	3.1	3.4
Claremont Meadows	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.2	1.5	2.2	2.8	3.5	4.1	4.9	5.5	6.3	7.0	7.7
Corrimal	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.9	1.2	1.6	2.3	3.0	3.6	4.3	5.0	5.8	6.5	7.2	8.0
Cranebrook	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.8	2.3	2.8	3.4	4.0	4.5	5.1	5.7	6.3
Culburra	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1	4.6
Dapto	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.2	1.7	2.2	3.2	4.1	5.1	6.0	7.0	8.0	9.1	10.1	11.2
Darkes Forest	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.9
Doonside	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.8	2.4	3.2	4.5	5.8	7.2	8.5	9.9	11.3	12.8	14.2	15.7
Dundas	0.0	0.0	0.1	0.1	0.3	0.6	1.0	1.7	2.2	2.9	4.1	5.3	6.4	7.6	8.9	10.1	11.4	12.7	14.0
East Richmond	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	0.9	1.3	1.7	2.1	2.5	2.9	3.3	3.8	4.2	4.7
Eastern Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5
Edmondson Park	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.8	1.1	1.5	1.8	2.2	2.5	2.9	3.3	3.7	4.1
Emu Plains	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.8	2.3	2.8	3.3	3.9	4.4	5.0	5.5	6.1
Fairfield	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.8	1.0	1.5	1.9	2.4	2.8	3.3	3.8	4.3	4.8	5.3
Figtree	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.4	1.9	2.7	3.5	4.3	5.1	6.0	6.8	7.7	8.6	9.5
Gerringong	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.2	1.3	1.5	1.6
Glenmore Park	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.9	1.2	1.7	2.3	2.8	3.3	3.9	4.5	5.0	5.6	6.2
Glenorie	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2
Glossodia	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.6	0.8	1.2	1.5	1.9	2.3	2.7	3.0	3.4	3.9	4.3
Granville 132kv	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.8	1.0	1.3	1.9	2.4	2.9	3.5	4.1	4.6	5.2	5.8	6.4
Greystanes	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.8	1.1	1.5	2.1	2.7	3.4	4.0	4.7	5.3	6.0	6.7	7.4
Hartley Vale	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
Hazelbrook	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.4	1.9	2.3	2.7	3.1	3.6	4.0	4.5	4.9

Table A5.6 Plug-in electric vehicle impact on summer peak demand – AEMO Net Zero 2050 (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Helensburgh	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.8	1.0	1.2	1.5	1.7	1.9	2.2	2.5	2.7
Hinchinbrook	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.2	1.7	2.2	3.1	4.1	5.0	6.0	7.0	8.0	9.0	10.1	11.2
Holroyd	0.0	0.0	0.1	0.1	0.3	0.7	1.4	2.3	3.1	4.1	5.7	7.4	9.0	10.7	12.5	14.3	16.1	17.9	19.8
Homepride	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.2	1.6	2.3	3.0	3.6	4.3	5.1	5.8	6.5	7.3	8.1
Horsley Park	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2
Huntingwood	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.3	1.4
Huskisson	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.9	1.2	1.6	2.2	2.9	3.6	4.3	5.0	5.7	6.5	7.2	8.0
Ilford Hall	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5
Inner Harbour	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jamberoo	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.3
Jasper Road	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.4	1.8	2.2	2.6	3.0	3.4	3.8	4.2	4.6
Jordan Springs	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	1.0	1.3	1.7	2.1	2.5	3.0	3.4	3.9	4.3	4.8
Kandos	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.8	1.1	1.5	1.9	2.4	2.8	3.3	3.7	4.2	4.7	5.2
Kangaroo Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2	1.3
Katoomba	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.9	1.2	1.6	2.1	2.6	3.0	3.5	4.0	4.5	5.0	5.6
Kellyville	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.2	1.5	1.7	2.0	2.3	2.6	2.8	3.1
Kembla Grange	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3	2.5
Kemps Creek	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.3	0.5	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.1	2.3
Kenny Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
Kenthurst	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.1	1.5	1.9	2.4	2.8	3.2	3.7	4.1	4.5	5.0
Kentlyn	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.5	2.1	2.9	3.8	4.6	5.5	6.4	7.4	8.3	9.3	10.3
Kiama	0.0	0.0	0.1	0.1	0.3	0.4	0.6	0.7	0.9	1.1	1.5	2.0	2.4	2.8	3.2	3.5	3.9	4.3	4.6
Kingswood	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.3	1.7	2.3	3.2	4.2	5.1	6.1	7.1	8.2	9.2	10.3	11.4
Kurrajong	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.8	1.1	1.5	1.9	2.4	2.8	3.3	3.8	4.3	4.8	5.3
Leabons Lane	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.9	1.2	1.7	2.2	2.7	3.2	3.7	4.3	4.8	5.4	5.9
Lennox	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.4	1.8	2.5	3.3	4.0	4.7	5.5	6.3	7.0	7.8	8.6
Lithgow	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.8	1.1	1.4	1.9	2.5	3.1	3.7	4.3	4.9	5.5	6.2	6.8
Liverpool	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.2	1.6	2.2	3.1	4.0	4.9	5.8	6.9	7.8	8.8	9.9	10.9
Luddenham	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.9	1.1	1.4	1.7	2.0	2.2	2.5	2.8	3.1

Table A5.6 Plug-in electric vehicle impact on summer peak demand – AEMO Net Zero 2050 (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Macquarie Fields	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.3	1.8	2.4	3.3	4.3	5.3	6.3	7.4	8.5	9.6	10.7	11.9
Maldon	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.9	1.2	1.6	2.2	2.9	3.5	4.2	4.9	5.6	6.4	7.1	7.9
Mamre	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.8	1.1	1.5	2.1	2.7	3.3	4.0	4.7	5.3	6.0	6.7	7.4
Marayong	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.9	1.2	1.7	2.2	2.7	3.2	3.7	4.2	4.8	5.3	5.9
Marsden Park	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.7	1.0	1.4	1.8	2.2	2.6	3.1	3.5	3.9	4.4	4.9
Meadow Flat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
Minto	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.5	2.0	2.8	3.6	4.4	5.3	6.2	7.1	8.0	9.0	9.9
Mittagong	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.6	0.8	1.0	1.4	1.8	2.2	2.6	3.0	3.4	3.9	4.3	4.7
Moorebank	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.7	1.0	1.3	1.7	2.0	2.3	2.6	3.0	3.3	3.7
Moss Vale	0.0	0.0	0.1	0.1	0.2	0.4	0.6	0.9	1.1	1.5	2.0	2.6	3.2	3.8	4.4	4.9	5.5	6.1	6.7
Mt Ousley	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.8	1.1	1.6	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.6
Mungerie Park	0.0	0.0	0.1	0.2	0.4	0.8	1.3	2.1	2.8	3.7	5.1	6.6	8.1	9.5	11.1	12.6	14.2	15.8	17.4
Narellan	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.3	1.7	2.4	3.1	3.8	4.5	5.3	6.1	6.8	7.6	8.4
Nepean	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.3	1.8	2.4	3.2	3.9	4.7	5.4	6.2	7.0	7.8	8.6
Newton	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.8	1.0	1.2	1.5	1.7	1.9	2.2	2.4	2.7
North Eastern Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Leppington	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3	2.5
North Parramatta	0.0	0.0	0.1	0.1	0.3	0.6	1.0	1.5	1.9	2.5	3.5	4.5	5.5	6.5	7.6	8.6	9.6	10.7	11.7
North Richmond	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.8	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.6	4.0
North Rocks	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	0.9	1.2	1.7	2.2	2.6	3.1	3.6	4.1	4.6	5.1	5.7
North Warragamba	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.9	1.3	1.7	2.1	2.5	2.9	3.3	3.8	4.2	4.7
North Wollongong	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.9	1.2	1.4	1.7	2.0	2.2	2.5	2.8	3.1
Northmead	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.9	1.2	1.5	2.1	2.8	3.4	4.0	4.6	5.3	5.9	6.6	7.2
Nowra	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.8	1.1	1.4	2.0	2.6	3.2	3.8	4.5	5.1	5.8	6.5	7.2

Table A5.6 Plug-in electric vehicle impact on summer peak demand – AEMO Net Zero 2050 (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Oakdale	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6	1.8
Oran Park	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.3	1.7	2.2	3.1	4.1	5.0	5.9	6.9	7.8	8.8	9.8	10.8
Parklea	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.5	2.1	2.7	3.8	5.0	6.1	7.2	8.4	9.6	10.8	12.0	13.3
Penrith 11kv	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	0.9	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.5
Plumpton	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.5	2.0	2.6	3.7	4.8	5.9	7.0	8.2	9.3	10.5	11.6	12.9
Port Central	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.6	0.9	1.1	1.4	1.6	1.9	2.2	2.4	2.7	3.0
Port Kembla	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.8	1.1	1.5	2.1	2.8	3.4	4.1	4.8	5.4	6.1	6.9	7.6
Portland	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
Prestons	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.2	1.6	2.2	2.9	3.5	4.2	4.9	5.6	6.3	7.1	7.8
Prospect	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.9	1.2	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1	5.7
Quakers Hill	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.4	1.9	2.5	3.5	4.6	5.6	6.7	7.8	8.9	10.0	11.1	12.3
Quarries	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1	3.4
Ringwood	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.7	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4
Riverstone	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.9	1.2	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1	5.6
Robertson	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.1	1.4	1.6	1.9	2.1	2.4	2.6	2.9
Rooty Hill	0.0	0.0	0.0	0.1	0.2	0.3	0.7	1.1	1.5	1.9	2.7	3.5	4.3	5.1	6.0	6.8	7.7	8.5	9.4
Rosehill	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1	2.4
Russell Vale	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.9	1.2	1.6	2.2	2.8	3.5	4.1	4.9	5.5	6.2	7.0	7.7
Rydalmere	0.1	0.1	0.2	0.4	0.8	1.3	2.0	2.7	3.5	4.5	6.2	7.9	9.6	11.3	13.1	14.8	16.5	18.2	20.0
Schofields	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.1	1.5	1.9	2.7	3.5	4.3	5.1	6.0	6.8	7.7	8.5	9.4
Seven Hills	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.2	1.6	2.0	2.3	2.7	3.1	3.5	3.9	4.3
Shellharbour	0.0	0.0	0.0	0.1	0.1	0.3	0.7	1.2	1.6	2.1	3.0	3.9	4.8	5.7	6.7	7.6	8.6	9.6	10.6
Sherwood	0.0	0.0	0.0	0.1	0.1	0.3	0.7	1.2	1.6	2.1	2.9	3.8	4.7	5.6	6.6	7.5	8.5	9.5	10.5
Smithfield	0.0	0.0	0.0	0.0	0.1	0.4	0.8	1.4	1.9	2.5	3.5	4.5	5.6	6.6	7.8	8.9	10.1	11.3	12.5
South Granville	0.0	0.0	0.0	0.1	0.3	0.5	0.9	1.5	2.0	2.6	3.6	4.7	5.8	6.8	8.0	9.1	10.3	11.4	12.6
South Leppington	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.8	2.4	2.9	3.4	4.0	4.6	5.2	5.8	6.5
South Marsden Park	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.7	3.0

Table A5.6 Plug-in electric vehicle impact on summer peak demand – AEMO Net Zero 2050 (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
South Nowra	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.5	0.6	0.7	0.9	1.0	1.2	1.3	1.5	1.7
South Windsor	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.0	1.4	1.9	2.5	3.1	3.7	4.3	5.0	5.6	6.3	7.0
South Wollongong	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9	2.1
Springwood	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.9	1.2	1.6	2.2	2.8	3.5	4.1	4.8	5.4	6.1	6.8	7.5
St Marys	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.4	1.9	2.6	3.4	4.2	5.0	5.9	6.7	7.6	8.5	9.4
Sussex Inlet	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.3	1.7	2.1	2.5	2.9	3.3	3.8	4.2	4.6
Tahmoor	0.0	0.0	0.0	0.1	0.1	0.3	0.6	1.0	1.3	1.7	2.4	3.2	3.9	4.6	5.4	6.2	7.0	7.8	8.7
The Oaks	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
Tomerong	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.1	2.3	2.5
Ulladulla	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.2	1.6	2.1	3.0	3.9	4.8	5.7	6.7	7.6	8.6	9.6	10.7
Unanderra	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1	3.5
Warilla	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.3	1.7	2.4	3.1	3.8	4.6	5.4	6.2	7.0	7.8	8.7
Wentworth Falls	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.5	2.8	3.1
Werrington	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.3	1.8	2.5	3.2	4.0	4.7	5.6	6.3	7.1	8.0	8.8
West Castle Hill	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.4	1.8	2.2	2.6	3.1	3.5	3.9	4.3	4.7
West Liverpool	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.3	1.7	2.4	3.2	3.9	4.6	5.4	6.2	7.0	7.8	8.6
West Parramatta	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.1	1.3	1.5	1.8	2.0	2.3	2.6	2.8
West Pennant Hills	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.7	2.2	2.7	3.2	3.7	4.2	4.7	5.2	5.8
West Wetherill Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
West Wollongong	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.8	1.0	1.5	1.9	2.3	2.8	3.3	3.7	4.2	4.7	5.2
Westmead	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.0	1.2	1.3	1.5	1.7	1.8
Wetherill Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6
Whalan	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.6	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.3	3.6
Wilton	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1

Table A5.6 Plug-in electric vehicle impact on summer peak demand – AEMO Net Zero 2050 (MW) – continued																			
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Windsor	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	0.9	1.3	1.6	2.0	2.4	2.8	3.2	3.6	4.1	4.5
Wisemans	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.2	2.4	2.7
Wombarra	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.9	1.1	1.4	1.7	1.9	2.2	2.5	2.8	3.1
Woodpark	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4	2.6
Yatte Yattah	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.8	1.1	1.5	1.8	2.2	2.5	2.9	3.2	3.6	3.9
Yennora	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.1	1.6	2.1	2.9	3.8	4.6	5.5	6.5	7.4	8.4	9.4	10.4
GRAND TOTAL	**0.9**	**1.3**	**2.8**	**6.8**	**17.0**	**37.0**	**69.3**	**113.8**	**153.0**	**202.4**	**282.7**	**368.4**	**451.7**	**536.1**	**627.0**	**714.4**	**805.2**	**897.2**	**991.8**

Table A5.7 Total plug-in electric vehicle registrations by ZSS – AEMO Step Change (number)																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Abbotsbury	13	16	34	84	228	529	1026	1718	2218	3102	4003	4936	5903	6904	7944	9020	10133	11284	12473
Albion Park	17	19	42	102	263	589	1122	1859	2392	3346	4319	5323	6361	7434	8541	9684	10862	12077	13328
Ambarvale	9	10	23	58	170	409	809	1366	1766	2471	3190	3934	4704	5502	6331	7187	8073	8988	9931
Anzac Village	8	9	21	52	152	364	717	1207	1559	2181	2816	3472	4150	4853	5581	6335	7113	7915	8743
Appin	3	4	8	19	61	155	317	544	707	991	1280	1581	1894	2218	2556	2906	3269	3644	4032
Arndell Park	7	8	18	44	104	215	386	615	785	1093	1406	1727	2058	2399	2750	3111	3481	3862	4252
Baulkham Hills 11kv	32	37	83	203	416	749	1208	1796	2245	3108	3979	4868	5776	6703	7654	8626	9618	10630	11662
Bella Vista	30	35	77	190	392	709	1147	1708	2137	2958	3787	4634	5497	6380	7284	8206	9148	10108	11086
Berrima Junction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Berry	19	21	47	113	217	366	555	789	973	1343	1715	2092	2476	2867	3265	3670	4083	4504	4932
Blackheath	11	12	27	67	141	262	433	655	823	1141	1463	1791	2127	2470	2823	3184	3552	3929	4315
Blackmans Flat	5	6	13	31	78	170	318	520	667	931	1201	1478	1765	2061	2366	2682	3008	3344	3691
Blaxland	23	26	58	143	299	546	892	1337	1675	2320	2971	3635	4313	5006	5717	6442	7183	7938	8707
Bolong Road	2	3	6	13	32	67	123	201	258	360	464	572	683	798	918	1041	1169	1302	1438
Bomaderry	18	20	43	103	226	444	774	1218	1548	2156	2775	3411	4067	4744	5443	6164	6908	7676	8467
Bonnyrigg	17	20	44	108	300	704	1379	2320	2998	4195	5416	6680	7991	9349	10759	12220	13732	15295	16910
Bossley Park	11	12	26	62	175	417	828	1405	1820	2549	3294	4066	4869	5703	6571	7472	8407	9377	10381
Bow Bowing	5	5	12	30	88	211	417	704	910	1274	1644	2028	2425	2836	3263	3705	4162	4634	5121
Bowral	51	58	126	305	562	891	1266	1704	2067	2835	3605	4379	5160	5949	6745	7550	8365	9189	10022
Bringelly	6	7	16	40	105	238	453	748	963	1345	1735	2137	2552	2982	3427	3886	4360	4849	5351
Bulli	15	17	38	94	251	568	1085	1797	2312	3232	4168	5136	6137	7171	8240	9344	10483	11658	12867
Bylong	0	0	1	4	9	19	34	55	69	97	124	153	182	212	242	274	306	339	373
Cabramatta	7	8	18	43	124	297	587	993	1285	1799	2324	2867	3431	4016	4624	5254	5906	6582	7280
Cambridge Park	10	12	27	69	200	481	948	1596	2061	2883	3722	4589	5486	6414	7375	8368	9393	10450	11540
Campbelltown	9	11	25	63	173	402	778	1299	1674	2341	3020	3723	4449	5201	5980	6786	7618	8477	9362
Canley Vale	22	25	54	128	331	741	1414	2347	3023	4226	5453	6723	8039	9402	10818	12285	13803	15374	16998
Carramar	13	15	32	76	200	457	887	1487	1921	2688	3470	4282	5124	5999	6909	7853	8832	9847	10898
Castle Hill	54	62	137	333	651	1113	1709	2453	3036	4189	5350	6530	7730	8952	10200	11470	12764	14079	15416

Table A5.7 Total plug-in electric vehicle registrations by ZSS – AEMO Step Change (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Casula	11	13	30	76	229	562	1124	1908	2470	3457	4464	5507	6587	7706	8868	10070	11313	12597	13922
Cattai	9	10	23	55	124	247	437	694	884	1231	1583	1947	2321	2708	3108	3521	3947	4386	4838
Cawdor	10	11	24	58	149	336	641	1066	1373	1921	2479	3057	3656	4277	4921	5588	6279	6992	7726
Cheriton Avenue	30	35	77	189	367	618	936	1327	1636	2254	2876	3507	4147	4797	5459	6132	6815	7508	8209
Chipping Norton	4	5	12	30	84	197	384	643	830	1161	1498	1846	2207	2580	2966	3366	3779	4205	4644
Claremont Meadows	10	12	27	68	192	448	872	1458	1881	2630	3393	4183	4999	5843	6717	7621	8553	9515	10505
Corrimal	14	16	36	89	226	498	933	1526	1958	2735	3526	4341	5183	6052	6947	7869	8820	9798	10804
Cranebrook	8	9	21	51	148	356	703	1186	1533	2145	2770	3416	4084	4777	5495	6238	7006	7799	8616
Culburra	10	11	24	58	137	291	535	872	1118	1561	2013	2480	2963	3464	3981	4517	5072	5645	6238
Dapto	19	22	49	119	306	680	1287	2122	2727	3812	4918	6060	7240	8458	9715	11012	12349	13727	15146
Darkes Forest	1	1	2	6	19	49	99	169	219	307	397	490	586	686	790	898	1009	1125	1244
Doonside	33	39	88	217	516	1068	1919	3064	3906	5440	6997	8599	10246	11941	13689	15485	17331	19225	21166
Dundas	46	53	116	283	594	1105	1838	2800	3526	4893	6278	7697	9152	10646	12183	13761	15380	17041	18743
East Richmond	7	8	18	44	118	270	523	875	1129	1579	2037	2513	3005	3516	4047	4597	5166	5756	6365
Eastern Creek	0	1	1	4	11	26	52	87	112	157	203	250	299	350	403	457	513	571	631
Edmondson Park	4	5	12	30	92	225	448	759	982	1375	1775	2190	2619	3064	3525	4001	4494	5002	5527
Emu Plains	17	20	43	106	233	453	781	1217	1541	2142	2751	3376	4017	4675	5353	6048	6760	7489	8236
Fairfield	8	9	20	47	128	298	585	985	1274	1783	2303	2842	3402	3982	4586	5213	5863	6536	7233
Figtree	16	19	43	105	269	592	1109	1815	2328	3252	4193	5163	6163	7196	8260	9357	10488	11651	12848
Gerringong	11	13	29	70	129	201	279	367	442	604	767	929	1091	1254	1417	1581	1745	1910	2075
Glenmore Park	8	9	21	52	149	355	696	1168	1508	2110	2723	3357	4013	4691	5394	6120	6870	7643	8440
Glenorie	7	8	19	45	85	137	199	270	329	452	574	698	823	949	1076	1205	1335	1466	1597
Glossodia	7	8	18	43	110	248	477	796	1027	1435	1852	2285	2733	3199	3684	4187	4709	5249	5809
Granville 132kv	20	23	51	125	266	500	838	1282	1616	2243	2878	3528	4196	4880	5585	6307	7048	7808	8585
Greystanes	16	18	40	99	234	489	886	1426	1821	2540	3270	4022	4798	5599	6428	7282	8162	9069	10002
Hartley Vale	1	1	2	5	11	20	33	50	63	87	112	137	163	189	216	244	272	301	331
Hazelbrook	17	20	44	108	225	411	671	1006	1261	1746	2236	2735	3246	3767	4302	4848	5405	5974	6552

Table A5.7 Total plug-in electric vehicle registrations by ZSS – AEMO Step Change (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Helensburgh	5	5	12	30	77	169	316	517	663	926	1194	1471	1756	2050	2353	2666	2988	3319	3660
Hinchinbrook	14	16	37	93	267	636	1249	2098	2710	3790	4891	6031	7209	8429	9693	10999	12349	13741	15177
Holroyd	49	57	125	307	697	1395	2454	3874	4924	6854	8812	10825	12897	15029	17229	19492	21819	24210	26664
Homepride	10	12	26	65	190	456	899	1515	1958	2739	3535	4360	5213	6096	7011	7958	8936	9946	10987
Horsley Park	2	2	4	10	29	69	136	230	297	416	538	663	794	929	1070	1216	1367	1524	1686
Huntingwood	3	4	9	21	48	96	170	269	342	476	613	754	898	1048	1202	1361	1525	1694	1868
Huskisson	17	20	42	101	240	507	935	1523	1952	2726	3515	4330	5173	6047	6951	7886	8855	9856	10891
Ilford Hall	0	1	1	6	15	32	58	92	117	164	210	258	308	358	410	463	517	573	630
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jamberoo	3	3	6	14	34	77	146	243	314	439	567	700	837	978	1125	1276	1432	1593	1758
Jasper Road	26	30	66	162	307	503	737	1015	1241	1706	2171	2641	3115	3596	4083	4575	5073	5575	6082
Jordan Springs	6	7	16	39	112	268	529	892	1153	1613	2082	2568	3071	3592	4133	4692	5270	5866	6482
Kandos	5	6	13	63	159	342	626	1004	1280	1784	2295	2818	3354	3903	4466	5043	5634	6241	6863
Kangaroo Valley	3	4	8	19	44	89	159	255	326	455	585	720	860	1004	1153	1307	1467	1631	1801
Katoomba	18	21	46	112	237	443	738	1123	1413	1960	2513	3079	3659	4252	4863	5487	6126	6780	7446
Kellyville	17	19	42	103	197	326	484	675	828	1139	1451	1766	2086	2409	2738	3070	3407	3747	4091
Kembla Grange	4	5	11	28	72	158	295	482	618	864	1113	1371	1636	1910	2193	2484	2784	3093	3410
Kemps Creek	3	3	7	18	53	128	253	426	551	771	995	1227	1467	1716	1973	2240	2515	2799	3091
Kenny Street	0	0	1	2	6	13	25	40	52	72	93	115	137	160	184	208	233	259	286
Kenthurst	28	32	70	172	326	534	784	1083	1325	1821	2319	2821	3329	3843	4364	4891	5424	5963	6506
Kentlyn	13	16	35	86	246	584	1146	1928	2490	3483	4496	5544	6629	7752	8917	10122	11368	12653	13979
Kiama	49	56	123	300	528	774	991	1191	1387	1876	2357	2828	3290	3743	4186	4620	5044	5456	5857
Kingswood	13	16	35	88	263	637	1263	2132	2756	3857	4979	6140	7342	8585	9874	11205	12580	13999	15461
Kurrajong	9	10	22	52	136	308	593	991	1279	1789	2309	2848	3407	3988	4592	5219	5869	6543	7240
Leabons Lane	12	15	33	82	194	402	723	1154	1471	2049	2636	3239	3860	4498	5156	5833	6528	7242	7973
Lennox	33	38	83	203	414	741	1189	1763	2204	3049	3904	4775	5665	6575	7509	8462	9437	10431	11446
Lithgow	17	20	43	105	239	478	843	1329	1688	2351	3023	3714	4423	5152	5900	6670	7462	8277	9115
Liverpool	13	16	36	88	257	615	1214	2047	2645	3701	4777	5891	7044	8238	9476	10757	12081	13447	14857
Luddenham	5	5	12	30	81	185	355	590	760	1062	1371	1689	2019	2359	2712	3077	3453	3842	4241

Table A5.7 Total plug-in electric vehicle registrations by ZSS – AEMO Step Change (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Macquarie Fields	12	15	33	82	255	638	1291	2205	2859	4004	5173	6385	7641	8944	10297	11699	13151	14651	16202
Maldon	19	21	46	109	252	518	935	1504	1923	2683	3456	4255	5080	5934	6816	7729	8672	9644	10641
Mamre	11	13	29	72	195	443	848	1404	1806	2523	3253	4007	4786	5590	6422	7280	8166	9077	10015
Marayong	12	15	33	81	192	398	715	1141	1454	2025	2605	3201	3815	4446	5097	5765	6452	7158	7880
Marsden Park	11	12	27	66	155	322	582	936	1196	1667	2146	2640	3149	3676	4221	4783	5363	5962	6578
Meadow Flat	2	2	4	10	22	41	70	106	133	185	237	291	345	400	457	514	574	634	696
Minto	10	12	28	68	213	533	1077	1841	2387	3343	4319	5331	6380	7468	8598	9769	10981	12235	13529
Mittagong	20	23	50	120	239	419	663	975	1215	1682	2154	2636	3128	3632	4149	4678	5220	5773	6337
Moorebank	4	5	12	30	87	208	410	691	893	1250	1613	1989	2379	2782	3200	3632	4079	4541	5017
Moss Vale	45	51	112	269	494	781	1107	1485	1801	2469	3139	3812	4492	5179	5872	6573	7283	8000	8725
Mt Ousley	9	11	25	61	157	346	647	1060	1359	1898	2447	3014	3598	4201	4822	5462	6122	6801	7500
Mungerie Park	63	73	161	394	810	1467	2378	3551	4445	6157	7887	9653	11458	13304	15196	17131	19109	21129	23190
Narellan	16	19	43	109	264	556	1011	1627	2079	2898	3730	4586	5469	6378	7317	8284	9278	10301	11352
Nepean	17	20	45	111	269	567	1033	1666	2129	2969	3823	4704	5611	6548	7515	8513	9541	10598	11684
Newton	6	7	15	37	88	182	327	523	666	928	1194	1467	1748	2037	2336	2642	2957	3280	3612
North Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Leppington	5	6	14	34	81	167	302	484	618	862	1109	1364	1626	1896	2175	2463	2758	3062	3374
North Parramatta	51	59	131	321	635	1096	1700	2453	3042	4198	5362	6545	7749	8974	10227	11502	12800	14119	15459
North Richmond	6	7	15	36	97	226	440	739	955	1335	1724	2127	2545	2978	3429	3897	4382	4884	5404
North Rocks	24	28	62	152	301	522	813	1179	1463	2020	2582	3153	3735	4328	4934	5551	6180	6819	7470
North Warragamba	6	6	13	31	95	242	495	855	1111	1559	2018	2494	2990	3506	4042	4601	5181	5783	6402
North Wollongong	5	6	14	35	88	195	364	596	765	1069	1378	1697	2025	2365	2715	3075	3447	3829	4222
Northmead	30	35	77	189	376	657	1030	1500	1865	2576	3293	4023	4766	5524	6299	7089	7894	8714	9548
Nowra	14	16	33	79	196	431	816	1349	1736	2429	3135	3865	4622	5407	6219	7061	7933	8835	9767

Table A5.7 Total plug-in electric vehicle registrations by ZSS – AEMO Step Change (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Oakdale	2	2	5	11	35	91	189	331	431	606	785	971	1166	1369	1581	1802	2033	2272	2518
Oran Park	28	33	75	186	413	806	1386	2154	2726	3789	4866	5970	7103	8266	9463	10691	11950	13241	14561
Parklea	37	42	93	228	502	978	1687	2629	3331	4632	5951	7305	8696	10125	11594	13103	14650	16236	17860
Penrith 11kv	5	6	14	35	103	249	494	833	1077	1507	1946	2399	2869	3355	3858	4378	4915	5469	6041
Plumpton	32	38	84	209	470	930	1618	2532	3211	4466	5737	7042	8382	9759	11177	12633	14126	15656	17224
Port Central	12	14	31	76	153	269	425	620	772	1067	1365	1668	1977	2291	2611	2936	3268	3605	3948
Port Kembla	9	11	23	55	165	408	823	1407	1825	2559	3310	4087	4893	5728	6592	7487	8411	9367	10352
Portland	4	4	8	21	45	87	149	231	293	407	523	642	764	889	1018	1150	1286	1426	1570
Prestons	10	12	28	70	194	454	882	1475	1902	2659	3431	4229	5054	5908	6793	7707	8651	9625	10629
Prospect	16	19	42	103	224	429	730	1128	1425	1980	2542	3119	3710	4318	4945	5588	6248	6924	7618
Quakers Hill	26	30	68	169	402	833	1500	2397	3056	4257	5477	6732	8022	9351	10722	12131	13579	15066	16591
Quarries	8	9	21	52	119	241	425	672	854	1189	1529	1878	2237	2606	2987	3379	3782	4196	4620
Ringwood	16	19	40	97	179	283	402	541	657	901	1145	1392	1640	1891	2145	2401	2661	2923	3189
Riverstone	17	19	42	102	221	422	720	1114	1409	1958	2515	3087	3674	4279	4902	5542	6201	6878	7572
Robertson	17	19	42	101	191	311	454	626	765	1051	1338	1628	1921	2218	2519	2824	3132	3444	3760
Rooty Hill	20	23	53	131	310	641	1153	1840	2346	3267	4202	5164	6154	7172	8223	9302	10411	11549	12717
Rosehill	10	12	26	63	125	217	339	493	612	846	1081	1321	1564	1813	2068	2327	2591	2860	3134
Russell Vale	13	15	34	85	218	479	897	1468	1883	2630	3391	4175	4985	5820	6681	7568	8483	9424	10391
Rydalmere	148	169	368	890	1610	2488	3437	4509	5429	7418	9406	11402	13409	15433	17482	19550	21637	23742	25864
Schofields	25	29	65	160	356	697	1201	1869	2366	3289	4224	5182	6166	7176	8215	9280	10372	11491	12635
Seven Hills	11	13	29	73	162	317	548	853	1080	1501	1928	2366	2815	3276	3751	4238	4737	5248	5772
Shellharbour	20	23	48	114	286	635	1208	2007	2585	3618	4672	5761	6887	8052	9254	10496	11777	13097	14457
Sherwood	20	23	50	120	298	648	1213	1990	2555	3569	4601	5668	6771	7913	9096	10320	11585	12891	14240
Smithfield	18	20	43	103	289	688	1363	2312	2994	4193	5417	6688	8008	9379	10806	12287	13825	15419	17070
South Granville	43	49	105	252	524	975	1631	2502	3158	4385	5630	6909	8225	9580	10980	12422	13908	15438	17012
South Leppington	8	10	22	54	154	366	719	1209	1562	2185	2821	3478	4159	4863	5595	6351	7133	7940	8772
South Marsden Park	6	7	15	38	92	195	355	573	733	1022	1316	1618	1930	2252	2584	2927	3279	3642	4013

Table A5.7 Total plug-in electric vehicle registrations by ZSS – AEMO Step Change (number) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
South Nowra	4	4	9	21	50	105	194	316	406	566	730	900	1075	1257	1444	1639	1840	2048	2263
South Windsor	11	12	27	66	176	404	781	1303	1680	2350	3032	3738	4469	5226	6012	6826	7667	8537	9435
South Wollongong	4	4	9	23	60	132	247	404	518	723	933	1148	1371	1601	1837	2081	2333	2592	2858
Springwood	25	29	65	159	333	614	1010	1521	1909	2646	3390	4150	4926	5720	6535	7368	8219	9088	9975
St Marys	13	16	36	89	243	557	1069	1774	2283	3191	4115	5069	6054	7073	8126	9214	10335	11490	12678
Sussex Inlet	10	11	25	61	146	305	555	894	1142	1593	2051	2523	3010	3512	4031	4566	5118	5686	6271
Tahmoor	20	22	47	113	265	555	1017	1650	2114	2952	3806	4688	5600	6545	7522	8533	9579	10658	11765
The Oaks	3	4	8	20	53	120	231	385	496	693	895	1104	1321	1545	1778	2020	2270	2529	2794
Tomerong	6	6	13	32	76	161	296	482	618	863	1112	1370	1637	1914	2200	2496	2802	3119	3446
Ulladulla	22	25	54	129	313	670	1240	2024	2595	3625	4674	5758	6878	8038	9237	10478	11761	13086	14455
Unanderra	6	7	16	38	98	216	405	662	850	1187	1530	1884	2249	2626	3014	3415	3827	4252	4688
Warilla	6	6	12	24	122	380	856	1550	2038	2871	3726	4618	5547	6515	7520	8565	9650	10776	11942
Wentworth Falls	9	11	24	60	129	245	412	630	794	1101	1412	1730	2056	2390	2732	3083	3442	3809	4183
Werrington	14	16	36	91	239	537	1019	1679	2157	3013	3884	4783	5711	6669	7659	8681	9734	10818	11933
West Castle Hill	26	30	66	161	305	501	738	1022	1251	1720	2190	2664	3144	3630	4123	4621	5126	5635	6149
West Liverpool	12	14	31	78	216	502	974	1627	2098	2934	3785	4665	5575	6516	7492	8499	9540	10615	11722
West Parramatta	9	10	23	56	119	222	371	565	712	987	1267	1552	1846	2146	2455	2772	3097	3430	3771
West Pennant Hills	31	35	78	190	363	601	892	1244	1526	2098	2673	3255	3843	4439	5045	5659	6281	6909	7545
West Wetherill Park	0	0	0	1	2	3	6	10	12	17	22	27	32	38	43	49	55	61	67
West Wollongong	9	10	23	57	146	322	604	988	1267	1770	2282	2810	3354	3916	4496	5093	5708	6341	6992
Westmead	7	8	17	43	88	157	253	377	471	652	834	1021	1211	1406	1606	1810	2018	2231	2449
Wetherill Park	1	1	2	5	14	33	65	110	142	199	257	317	379	444	511	581	653	728	805
Whalan	8	9	20	50	118	245	440	702	895	1247	1604	1971	2348	2737	3138	3549	3972	4406	4851
Wilton	1	1	3	7	21	55	113	198	258	362	469	580	696	818	944	1076	1214	1357	1504

Table A5.7 Total plug-in electric vehicle registrations by ZSS – AEMO Step Change (number) – continued																			
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Windsor	8	9	20	47	120	268	509	843	1086	1517	1958	2413	2885	3375	3884	4411	4957	5522	6107
Wisemans	6	6	14	33	79	168	310	505	648	905	1167	1437	1717	2006	2307	2619	2941	3274	3619
Wombarra	5	6	14	34	87	191	357	585	750	1048	1351	1663	1986	2319	2661	3015	3379	3754	4139
Woodpark	6	7	16	38	88	179	320	510	651	906	1166	1434	1710	1995	2289	2593	2906	3228	3559
Yatte Yattah	16	18	39	95	192	341	544	805	1005	1391	1781	2179	2585	3002	3428	3864	4310	4765	5231
Yennora	19	22	46	110	278	617	1173	1947	2508	3506	4525	5580	6674	7809	8989	10212	11481	12795	14156
GRAND TOTAL	**2431**	**2814**	**6203**	**15185**	**34506**	**69255**	**122204**	**193359**	**245947**	**342448**	**440447**	**541239**	**644973**	**751820**	**862011**	**975424**	**1092131**	**1212071**	**1335249**

Table A5.8 Plug-in electric vehicle impact on annual energy – AEMO Step Change (GWh)																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Abbotsbury	0.0	0.0	0.0	0.1	0.2	0.7	1.6	3.2	5.5	6.9	10.0	12.9	16.1	19.4	23.0	26.5	30.3	34.7	38.8
Albion Park	0.0	0.0	0.1	0.1	0.3	0.9	2.1	4.2	7.3	9.2	13.3	17.3	21.6	26.0	30.8	35.6	40.7	46.5	52.1
Ambarvale	0.0	0.0	0.0	0.1	0.2	0.5	1.4	2.8	4.9	6.1	8.9	11.5	14.3	17.2	20.4	23.6	27.0	30.9	34.6
Anzac Village	0.0	0.0	0.0	0.1	0.2	0.5	1.2	2.4	4.3	5.4	7.7	10.0	12.5	15.0	17.8	20.6	23.5	26.9	30.1
Appin	0.0	0.0	0.0	0.0	0.1	0.2	0.6	1.2	2.1	2.7	3.8	5.0	6.2	7.5	8.9	10.4	11.9	13.6	15.3
Arndell Park	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.3	2.3	2.8	4.0	5.2	6.4	7.7	9.1	10.5	11.9	13.6	15.2
Baulkham Hills 11kv	0.0	0.1	0.1	0.2	0.6	1.2	2.3	3.9	6.1	7.4	10.5	13.6	16.7	20.0	23.5	27.0	30.6	34.8	38.7
Bella Vista	0.0	0.1	0.1	0.2	0.6	1.2	2.3	3.9	6.2	7.5	10.7	13.8	17.0	20.3	23.9	27.4	31.1	35.3	39.3
Berrima Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Berry	0.0	0.0	0.1	0.1	0.3	0.7	1.2	1.8	2.6	3.1	4.4	5.7	7.0	8.3	9.8	11.1	12.6	14.3	15.8
Blackheath	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.5	2.3	2.9	4.1	5.3	6.5	7.8	9.2	10.5	11.9	13.6	15.1
Blackmans Flat	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.8	2.2	3.2	4.1	5.1	6.1	7.3	8.4	9.6	11.0	12.3
Blaxland	0.0	0.1	0.1	0.2	0.5	1.0	1.9	3.2	5.1	6.2	8.8	11.3	13.9	16.6	19.6	22.4	25.5	28.9	32.2
Bolong Road	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.8	1.1	1.4	1.8	2.1	2.5	2.9	3.3	3.8	4.2
Bomaderry	0.0	0.0	0.0	0.1	0.3	0.6	1.2	2.2	3.7	4.5	6.5	8.4	10.5	12.6	14.9	17.1	19.5	22.3	24.9
Bonnyrigg	0.0	0.0	0.0	0.1	0.3	0.9	2.1	4.2	7.4	9.2	13.3	17.2	21.5	25.8	30.6	35.4	40.5	46.3	51.9
Bossley Park	0.0	0.0	0.0	0.1	0.2	0.4	1.1	2.2	3.9	4.9	7.1	9.2	11.5	13.8	16.4	19.0	21.7	24.9	27.9
Bow Bowing	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.4	2.5	3.1	4.5	5.9	7.3	8.8	10.4	12.0	13.7	15.7	17.6
Bowral	0.1	0.1	0.1	0.3	0.8	1.5	2.5	3.6	5.1	6.0	8.6	11.0	13.5	16.0	18.7	21.3	24.0	27.1	29.9
Bringelly	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.7	3.1	3.8	5.5	7.2	8.9	10.7	12.7	14.7	16.8	19.2	21.5
Bulli	0.0	0.0	0.0	0.1	0.3	0.9	2.0	4.0	6.9	8.6	12.5	16.2	20.2	24.3	28.9	33.3	38.1	43.5	48.8
Bylong	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
Cabramatta	0.0	0.0	0.0	0.0	0.1	0.3	0.9	1.7	3.1	3.9	5.6	7.2	9.0	10.9	12.9	14.9	17.0	19.5	21.8
Cambridge Park	0.0	0.0	0.0	0.1	0.2	0.7	1.8	3.7	6.6	8.3	12.0	15.6	19.5	23.5	27.8	32.1	36.7	42.0	47.2
Campbelltown	0.0	0.0	0.0	0.1	0.2	0.6	1.4	2.7	4.8	6.0	8.7	11.2	14.0	16.8	19.9	23.0	26.3	30.0	33.7
Canley Vale	0.0	0.0	0.1	0.1	0.3	0.9	2.0	3.9	6.8	8.6	12.3	15.9	19.8	23.8	28.2	32.6	37.2	42.6	47.7
Carramar	0.0	0.0	0.0	0.1	0.2	0.5	1.2	2.4	4.2	5.2	7.5	9.7	12.1	14.6	17.3	20.0	22.9	26.2	29.4
Castle Hill	0.1	0.1	0.1	0.3	0.9	2.0	3.5	5.6	8.5	10.2	14.5	18.7	23.0	27.4	32.2	36.9	41.8	47.4	52.6

Table A5.8 Plug-in electric vehicle impact on annual energy – AEMO Step Change (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Casula	0.0	0.0	0.0	0.1	0.2	0.8	1.9	3.9	7.0	8.8	12.7	16.5	20.5	24.7	29.3	33.9	38.8	44.4	49.8
Cattai	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.7	2.9	3.6	5.3	6.8	8.4	10.1	12.0	13.9	15.8	18.1	20.3
Cawdor	0.0	0.0	0.0	0.1	0.2	0.6	1.4	2.7	4.8	6.1	8.8	11.5	14.3	17.2	20.5	23.7	27.1	31.1	34.9
Cheriton Avenue	0.0	0.1	0.1	0.2	0.6	1.2	2.1	3.2	4.9	5.9	8.4	10.7	13.2	15.8	18.5	21.2	24.0	27.2	30.2
Chipping Norton	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.3	2.3	2.9	4.1	5.3	6.6	8.0	9.4	10.9	12.5	14.3	16.0
Claremont Meadows	0.0	0.0	0.0	0.1	0.2	0.7	1.7	3.4	6.1	7.6	11.0	14.3	17.8	21.4	25.4	29.3	33.5	38.3	43.0
Corrimal	0.0	0.0	0.0	0.1	0.3	0.8	1.8	3.4	5.9	7.3	10.6	13.8	17.1	20.6	24.4	28.2	32.2	36.8	41.2
Cranebrook	0.0	0.0	0.0	0.1	0.2	0.6	1.4	2.8	5.0	6.3	9.1	11.8	14.7	17.8	21.1	24.4	27.9	31.9	35.8
Culburra	0.0	0.0	0.0	0.1	0.1	0.4	0.8	1.5	2.6	3.3	4.7	6.1	7.6	9.2	10.9	12.5	14.3	16.4	18.3
Dapto	0.0	0.0	0.1	0.1	0.4	1.0	2.4	4.6	8.1	10.1	14.6	19.0	23.7	28.6	33.9	39.1	44.7	51.1	57.3
Darkes Forest	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.8	1.1	1.4	1.8	2.2	2.6	3.0	3.4	3.9	4.4
Doonside	0.1	0.1	0.1	0.2	0.7	1.7	3.6	6.7	11.2	13.9	20.0	25.8	32.0	38.4	45.3	52.2	59.5	67.8	75.8
Dundas	0.1	0.1	0.1	0.3	0.8	1.7	3.3	5.6	9.0	11.0	15.8	20.4	25.2	30.2	35.6	40.9	46.6	53.0	59.1
East Richmond	0.0	0.0	0.0	0.1	0.2	0.5	1.1	2.2	3.8	4.8	6.9	9.0	11.2	13.4	15.9	18.5	21.1	24.2	27.2
Eastern Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.2
Edmondson Park	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.7	3.0	3.8	5.4	7.0	8.8	10.6	12.5	14.5	16.6	19.0	21.3
Emu Plains	0.0	0.0	0.1	0.1	0.3	0.8	1.6	2.9	4.7	5.8	8.3	10.7	13.3	15.9	18.8	21.6	24.6	28.0	31.3
Fairfield	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.6	2.8	3.5	5.0	6.5	8.1	9.8	11.6	13.4	15.3	17.6	19.7
Figtree	0.0	0.0	0.1	0.1	0.3	0.9	2.1	4.0	7.0	8.7	12.6	16.4	20.4	24.5	29.1	33.5	38.3	43.8	49.0
Gerringong	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.4	1.6	2.3	2.9	3.5	4.2	4.8	5.5	6.2	6.9	7.6
Glenmore Park	0.0	0.0	0.0	0.1	0.2	0.5	1.4	2.7	4.9	6.1	8.8	11.4	14.2	17.2	20.3	23.5	26.9	30.7	34.5
Glenorie	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	1.0	1.1	1.6	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.6
Glossodia	0.0	0.0	0.0	0.1	0.2	0.4	1.0	2.0	3.5	4.4	6.4	8.3	10.3	12.5	14.8	17.1	19.6	22.5	25.3
Granville 132kv	0.0	0.0	0.1	0.1	0.4	0.8	1.5	2.6	4.1	5.1	7.2	9.3	11.5	13.8	16.3	18.7	21.3	24.2	26.9
Greystanes	0.0	0.0	0.0	0.1	0.3	0.7	1.5	2.7	4.6	5.7	8.3	10.7	13.2	15.9	18.8	21.7	24.7	28.2	31.6
Hartley Vale	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
Hazelbrook	0.0	0.0	0.1	0.1	0.3	0.7	1.4	2.4	3.8	4.6	6.6	8.5	10.5	12.5	14.7	16.9	19.2	21.8	24.2

Table A5.8 Plug-in electric vehicle impact on annual energy – AEMO Step Change (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Helensburgh	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.2	2.0	2.5	3.6	4.7	5.8	7.0	8.3	9.6	10.9	12.5	14.0
Hinchinbrook	0.0	0.0	0.0	0.1	0.3	0.9	2.2	4.3	7.7	9.6	13.9	18.0	22.4	27.0	32.0	36.9	42.2	48.3	54.1
Holroyd	0.1	0.1	0.1	0.3	0.9	2.0	4.2	7.6	12.6	15.6	22.4	28.9	35.8	42.9	50.7	58.3	66.5	75.8	84.6
Homepride	0.0	0.0	0.0	0.1	0.2	0.6	1.5	3.0	5.3	6.7	9.7	12.5	15.6	18.8	22.3	25.7	29.4	33.6	37.7
Horsley Park	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.9	1.3	1.7	2.1	2.5	3.0	3.5	4.0	4.5	5.1
Huntingwood	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.9	1.1	1.6	2.1	2.6	3.1	3.7	4.3	4.9	5.5	6.2
Huskisson	0.0	0.0	0.0	0.1	0.3	0.6	1.4	2.7	4.6	5.7	8.2	10.7	13.3	16.0	19.0	21.9	25.0	28.6	32.0
Ilford Hall	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
Inner Harbour	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jamberoo	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.2	1.8	2.4	2.9	3.5	4.2	4.9	5.6	6.4	7.1
Jasper Road	0.0	0.1	0.1	0.2	0.5	1.0	1.6	2.5	3.6	4.2	6.0	7.7	9.5	11.2	13.2	15.0	16.9	19.1	21.2
Jordan Springs	0.0	0.0	0.0	0.1	0.1	0.4	1.1	2.1	3.8	4.8	6.9	8.9	11.1	13.4	15.9	18.4	21.0	24.1	27.0
Kandos	0.0	0.0	0.0	0.0	0.2	0.4	1.0	1.8	3.0	3.8	5.4	7.0	8.7	10.5	12.3	14.2	16.2	18.4	20.5
Kangaroo Valley	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.8	1.0	1.4	1.8	2.2	2.7	3.1	3.6	4.1	4.7	5.3
Katoomba	0.0	0.0	0.1	0.1	0.4	0.8	1.6	2.7	4.4	5.4	7.7	10.0	12.3	14.8	17.4	20.0	22.7	25.9	28.9
Kellyville	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.6	2.4	2.9	4.1	5.2	6.4	7.7	9.0	10.3	11.6	13.1	14.5
Kembla Grange	0.0	0.0	0.0	0.0	0.1	0.2	0.6	1.1	1.8	2.3	3.3	4.3	5.4	6.5	7.7	8.9	10.1	11.6	13.0
Kemps Creek	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.7	2.1	3.1	4.0	5.0	6.0	7.1	8.2	9.4	10.7	12.0
Kenny Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.9	1.0	1.1
Kenthurst	0.0	0.1	0.1	0.2	0.5	1.0	1.7	2.6	3.8	4.6	6.5	8.3	10.2	12.1	14.1	16.1	18.2	20.6	22.8
Kentlyn	0.0	0.0	0.0	0.1	0.3	0.8	2.0	3.9	7.0	8.7	12.6	16.4	20.4	24.5	29.0	33.6	38.4	43.9	49.2
Kiama	0.1	0.1	0.2	0.4	1.0	1.9	2.9	3.8	4.9	5.5	7.8	9.8	11.9	14.0	16.2	18.2	20.2	22.5	24.5
Kingswood	0.0	0.0	0.0	0.1	0.3	1.0	2.5	5.0	8.9	11.2	16.2	21.0	26.2	31.6	37.5	43.3	49.5	56.6	63.6
Kurrajong	0.0	0.0	0.0	0.1	0.2	0.5	1.3	2.5	4.4	5.5	8.0	10.3	12.9	15.5	18.4	21.3	24.4	27.9	31.4
Leabons Lane	0.0	0.0	0.0	0.1	0.3	0.6	1.4	2.5	4.2	5.2	7.5	9.7	12.1	14.5	17.1	19.7	22.4	25.5	28.5
Lennox	0.0	0.1	0.1	0.2	0.6	1.2	2.2	3.6	5.7	6.9	9.8	12.6	15.6	18.6	21.9	25.1	28.5	32.4	36.0
Lithgow	0.0	0.0	0.0	0.1	0.3	0.7	1.5	2.6	4.4	5.4	7.8	10.2	12.6	15.2	17.9	20.7	23.5	26.8	30.0
Liverpool	0.0	0.0	0.0	0.1	0.3	0.8	2.0	4.0	7.1	9.0	12.9	16.7	20.8	25.1	29.7	34.3	39.3	44.9	50.3
Luddenham	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.4	2.5	3.1	4.5	5.8	7.3	8.8	10.4	12.0	13.7	15.7	17.6

Table A5.8 Plug-in electric vehicle impact on annual energy – AEMO Step Change (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Macquarie Fields	0.0	0.0	0.0	0.1	0.3	0.8	2.1	4.4	7.8	9.9	14.2	18.5	23.0	27.7	32.8	38.0	43.5	49.8	55.9
Maldon	0.0	0.0	0.1	0.1	0.3	0.9	1.9	3.7	6.4	8.0	11.7	15.2	18.9	22.8	27.0	31.2	35.7	40.9	46.0
Mamre	0.0	0.0	0.0	0.1	0.2	0.7	1.6	3.2	5.6	7.0	10.1	13.1	16.2	19.5	23.1	26.7	30.5	34.9	39.1
Marayong	0.0	0.0	0.0	0.1	0.3	0.6	1.3	2.5	4.2	5.2	7.4	9.6	11.9	14.3	16.9	19.4	22.1	25.2	28.2
Marsden Park	0.0	0.0	0.0	0.1	0.2	0.5	1.1	2.1	3.5	4.4	6.3	8.1	10.1	12.1	14.4	16.6	18.9	21.6	24.3
Meadow Flat	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.3	1.4	1.6	1.9	2.1
Minto	0.0	0.0	0.0	0.1	0.2	0.7	1.8	3.6	6.5	8.2	11.9	15.4	19.2	23.1	27.5	31.8	36.4	41.6	46.7
Mittagong	0.0	0.0	0.1	0.1	0.3	0.7	1.4	2.4	3.8	4.7	6.7	8.7	10.8	12.9	15.2	17.5	19.9	22.7	25.4
Moorebank	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.4	2.4	3.0	4.4	5.7	7.0	8.5	10.0	11.6	13.3	15.2	17.0
Moss Vale	0.1	0.1	0.1	0.3	0.7	1.3	2.2	3.2	4.5	5.3	7.5	9.5	11.7	13.9	16.3	18.5	20.9	23.6	26.0
Mt Ousley	0.0	0.0	0.0	0.1	0.2	0.5	1.2	2.4	4.1	5.1	7.3	9.5	11.9	14.3	17.0	19.6	22.4	25.5	28.6
Mungerie Park	0.1	0.2	0.2	0.4	1.1	2.5	4.7	7.9	12.4	15.1	21.6	27.8	34.4	41.1	48.4	55.5	63.1	71.7	79.8
Narellan	0.0	0.0	0.1	0.1	0.4	0.9	2.0	3.7	6.3	7.8	11.2	14.5	18.0	21.6	25.5	29.4	33.5	38.2	42.8
Nepean	0.0	0.0	0.1	0.1	0.4	1.0	2.1	4.0	6.9	8.6	12.4	16.1	20.0	24.1	28.5	32.9	37.5	42.8	48.0
Newton	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.9	2.4	3.4	4.4	5.5	6.5	7.7	8.9	10.1	11.6	12.9
North Eastern Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Leppington	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.7	2.2	3.1	4.0	5.0	6.0	7.1	8.2	9.3	10.7	11.9
North Parramatta	0.1	0.1	0.1	0.3	0.9	1.8	3.3	5.3	8.1	9.7	13.8	17.7	21.8	26.0	30.6	35.0	39.7	45.0	49.9
North Richmond	0.0	0.0	0.0	0.1	0.1	0.4	0.9	1.8	3.2	4.1	5.9	7.7	9.5	11.5	13.6	15.8	18.1	20.7	23.3
North Rocks	0.0	0.1	0.1	0.2	0.4	0.9	1.6	2.6	3.9	4.7	6.7	8.6	10.6	12.7	14.9	17.1	19.3	21.9	24.4
North Warragamba	0.0	0.0	0.0	0.0	0.1	0.4	1.1	2.2	4.1	5.2	7.5	9.8	12.3	14.8	17.7	20.5	23.5	27.0	30.4
North Wollongong	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.3	2.3	2.9	4.1	5.4	6.7	8.1	9.6	11.0	12.6	14.4	16.1
Northmead	0.0	0.1	0.1	0.2	0.5	1.1	2.0	3.3	5.0	6.0	8.6	11.0	13.6	16.2	19.1	21.8	24.7	28.1	31.2
Nowra	0.0	0.0	0.0	0.1	0.2	0.5	1.3	2.4	4.3	5.4	7.7	10.1	12.5	15.1	17.9	20.7	23.7	27.1	30.4

Table A5.8 Plug-in electric vehicle impact on annual energy – AEMO Step Change (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Oakdale	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.9	1.7	2.2	3.1	4.1	5.1	6.2	7.4	8.6	9.9	11.4	12.9
Oran Park	0.0	0.1	0.1	0.2	0.6	1.4	2.9	5.1	8.3	10.3	14.7	19.0	23.5	28.2	33.3	38.3	43.6	49.6	55.4
Parklea	0.1	0.1	0.1	0.3	0.7	1.6	3.3	6.0	9.9	12.2	17.5	22.7	28.1	33.7	39.8	45.8	52.2	59.5	66.4
Penrith 11kv	0.0	0.0	0.0	0.0	0.1	0.4	1.0	2.0	3.5	4.4	6.3	8.2	10.2	12.3	14.6	16.9	19.3	22.1	24.8
Plumpton	0.0	0.1	0.1	0.2	0.6	1.5	3.1	5.6	9.3	11.5	16.4	21.2	26.3	31.6	37.3	42.9	48.9	55.7	62.2
Port Central	0.0	0.0	0.0	0.1	0.3	0.5	1.0	1.6	2.4	2.9	4.2	5.4	6.7	8.0	9.4	10.8	12.2	13.9	15.4
Port Kembla	0.0	0.0	0.0	0.1	0.2	0.6	1.5	3.1	5.6	7.0	10.2	13.3	16.6	20.0	23.8	27.5	31.5	36.1	40.5
Portland	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.7	0.9	1.2	1.6	2.0	2.4	2.8	3.2	3.7	4.2	4.7
Prestons	0.0	0.0	0.0	0.1	0.2	0.6	1.5	3.0	5.3	6.6	9.5	12.3	15.3	18.4	21.8	25.2	28.8	32.9	36.8
Prospect	0.0	0.0	0.0	0.1	0.3	0.6	1.3	2.2	3.6	4.4	6.3	8.2	10.1	12.1	14.2	16.4	18.6	21.2	23.7
Quakers Hill	0.0	0.1	0.1	0.2	0.5	1.3	2.8	5.1	8.6	10.7	15.4	19.9	24.6	29.6	34.9	40.2	45.8	52.3	58.4
Quarries	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.4	2.3	2.8	4.0	5.2	6.5	7.8	9.2	10.6	12.0	13.7	15.3
Ringwood	0.0	0.0	0.0	0.1	0.2	0.5	0.8	1.1	1.6	1.9	2.7	3.5	4.3	5.1	5.9	6.8	7.6	8.6	9.5
Riverstone	0.0	0.0	0.0	0.1	0.3	0.7	1.5	2.6	4.3	5.3	7.6	9.8	12.2	14.6	17.3	19.9	22.7	25.9	28.9
Robertson	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.4	2.1	2.5	3.5	4.5	5.6	6.6	7.8	8.9	10.0	11.3	12.5
Rooty Hill	0.0	0.0	0.1	0.1	0.4	1.0	2.2	4.0	6.8	8.4	12.0	15.6	19.3	23.2	27.4	31.5	35.9	40.9	45.7
Rosehill	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.1	1.6	2.0	2.8	3.6	4.5	5.3	6.2	7.1	8.1	9.2	10.2
Russell Vale	0.0	0.0	0.0	0.1	0.3	0.7	1.7	3.3	5.6	7.0	10.2	13.2	16.5	19.8	23.5	27.1	31.0	35.4	39.6
Rydalmere	0.2	0.3	0.3	0.8	2.2	4.3	6.9	9.9	13.9	16.3	22.9	29.2	35.7	42.3	49.3	56.2	63.3	71.4	78.8
Schofields	0.0	0.1	0.1	0.2	0.5	1.2	2.4	4.2	6.9	8.5	12.1	15.7	19.4	23.3	27.4	31.6	35.9	40.9	45.6
Seven Hills	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.8	3.0	3.7	5.3	6.9	8.5	10.2	12.1	13.9	15.8	18.0	20.1
Shellharbour	0.0	0.1	0.1	0.1	0.4	1.0	2.3	4.6	8.1	10.1	14.7	19.1	23.8	28.7	34.1	39.3	44.9	51.4	57.6
Sherwood	0.0	0.0	0.0	0.1	0.3	0.8	1.8	3.4	5.9	7.4	10.6	13.7	17.1	20.5	24.3	28.0	32.0	36.5	40.9
Smithfield	0.0	0.0	0.0	0.1	0.3	0.7	1.8	3.6	6.5	8.1	11.7	15.2	18.9	22.7	27.0	31.2	35.7	40.9	45.9
South Granville	0.1	0.1	0.1	0.2	0.6	1.4	2.7	4.7	7.5	9.2	13.2	17.0	21.0	25.1	29.7	34.1	38.9	44.3	49.5
South Leppington	0.0	0.0	0.0	0.1	0.2	0.5	1.2	2.5	4.4	5.5	7.9	10.2	12.7	15.3	18.2	21.0	24.0	27.4	30.8
South Marsden Park	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.3	2.3	2.8	4.1	5.3	6.6	7.9	9.3	10.7	12.3	14.0	15.7

Table A5.8 Plug-in electric vehicle impact on annual energy – AEMO Step Change (GWh) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
South Nowra	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.6	1.0	1.2	1.7	2.2	2.8	3.3	3.9	4.5	5.2	5.9	6.7
South Windsor	0.0	0.0	0.0	0.1	0.2	0.7	1.6	3.2	5.6	7.0	10.1	13.1	16.3	19.6	23.3	26.9	30.8	35.3	39.6
South Wollongong	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.6	1.9	2.8	3.6	4.5	5.5	6.5	7.5	8.5	9.7	10.9
Springwood	0.0	0.1	0.1	0.2	0.5	1.1	2.1	3.5	5.6	6.8	9.7	12.5	15.4	18.4	21.7	24.9	28.2	32.1	35.7
St Marys	0.0	0.0	0.0	0.1	0.3	0.9	2.1	4.1	7.1	8.9	12.9	16.7	20.8	25.0	29.7	34.3	39.1	44.7	50.2
Sussex Inlet	0.0	0.0	0.0	0.1	0.2	0.4	1.0	1.8	3.0	3.7	5.4	7.0	8.7	10.4	12.3	14.2	16.2	18.5	20.6
Tahmoor	0.0	0.1	0.1	0.1	0.3	0.9	2.1	4.1	7.1	8.9	12.9	16.8	21.0	25.3	30.0	34.7	39.7	45.5	51.2
The Oaks	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.8	2.2	3.2	4.2	5.2	6.3	7.5	8.6	9.9	11.3	12.7
Tomerong	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.5	1.8	2.6	3.4	4.2	5.1	6.0	6.9	7.9	9.0	10.1
Ulladulla	0.0	0.0	0.1	0.1	0.3	0.9	2.0	3.7	6.4	8.0	11.5	14.9	18.6	22.3	26.5	30.6	34.9	39.9	44.7
Unanderra	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.5	2.5	3.2	4.6	6.0	7.4	9.0	10.6	12.2	14.0	16.0	17.9
Warilla	0.0	0.0	0.0	0.0	0.1	0.4	1.4	3.3	6.3	8.1	11.8	15.4	19.3	23.4	27.9	32.4	37.2	42.7	48.1
Wentworth Falls	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.5	2.4	2.9	4.1	5.3	6.6	7.8	9.2	10.6	12.1	13.7	15.3
Werrington	0.0	0.0	0.0	0.1	0.3	0.8	2.0	3.8	6.7	8.3	12.0	15.6	19.4	23.4	27.7	31.9	36.5	41.7	46.7
West Castle Hill	0.0	0.1	0.1	0.2	0.5	0.9	1.6	2.5	3.6	4.3	6.1	7.8	9.6	11.4	13.4	15.3	17.2	19.5	21.6
West Liverpool	0.0	0.0	0.0	0.1	0.2	0.7	1.6	3.2	5.7	7.1	10.2	13.2	16.5	19.8	23.5	27.1	31.0	35.4	39.7
West Parramatta	0.0	0.0	0.0	0.1	0.2	0.3	0.7	1.1	1.8	2.2	3.1	4.0	5.0	6.0	7.0	8.1	9.2	10.5	11.6
West Pennant Hills	0.0	0.1	0.1	0.2	0.5	1.1	1.9	2.9	4.3	5.1	7.3	9.3	11.4	13.6	15.9	18.2	20.5	23.2	25.7
West Wetherill Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
West Wollongong	0.0	0.0	0.0	0.1	0.2	0.5	1.1	2.2	3.8	4.7	6.9	8.9	11.1	13.3	15.8	18.3	20.8	23.8	26.7
Westmead	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.8	1.2	1.5	2.1	2.7	3.3	4.0	4.7	5.4	6.1	6.9	7.7
Wetherill Park	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
Whalan	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.5	2.6	3.2	4.6	5.9	7.3	8.8	10.4	12.0	13.6	15.5	17.4
Wilton	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	1.0	1.3	1.9	2.5	3.1	3.7	4.5	5.2	5.9	6.8	7.7

Table A5.8 Plug-in electric vehicle impact on annual energy – AEMO Step Change (GWh) – continued																			
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Windsor	0.0	0.0	0.0	0.1	0.2	0.5	1.1	2.1	3.7	4.6	6.6	8.6	10.7	12.9	15.3	17.7	20.2	23.2	26.1
Wisemans	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.3	2.2	2.7	4.0	5.1	6.4	7.7	9.1	10.6	12.1	13.8	15.5
Wombarra	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.3	2.2	2.8	4.1	5.3	6.6	7.9	9.4	10.8	12.3	14.1	15.8
Woodpark	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.6	1.9	2.8	3.6	4.4	5.3	6.3	7.2	8.2	9.4	10.5
Yatte Yattah	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.7	2.7	3.2	4.6	5.9	7.3	8.7	10.2	11.8	13.3	15.1	16.9
Yennora	0.0	0.0	0.0	0.1	0.3	0.7	1.6	3.2	5.5	6.9	9.9	12.8	15.9	19.1	22.6	26.2	29.9	34.2	38.4
GRAND TOTAL	**3.5**	**5.9**	**6.7**	**16.3**	**44.9**	**108.1**	**227.8**	**414.8**	**694.6**	**859.3**	**1235.6**	**1597.9**	**1983.5**	**2380.6**	**2813.9**	**3242.9**	**3696.4**	**4217.4**	**4715.5**

Table A5.9 Plug-in electric vehicle impact on summer peak demand – AEMO Step Change (MW)																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Abbotsbury	0.0	0.0	0.0	0.0	0.1	0.4	0.7	1.3	1.8	2.4	3.2	3.9	4.7	5.5	6.4	7.3	8.2	9.1	10.1
Albion Park	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.4	1.9	2.6	3.4	4.2	5.1	6.0	6.9	7.8	8.8	9.8	10.8
Ambarvale	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.4	1.9	2.5	3.1	3.8	4.4	5.1	5.8	6.5	7.3	8.0
Anzac Village	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.2	1.7	2.2	2.8	3.3	3.9	4.5	5.1	5.8	6.4	7.1
Appin	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.3	1.5	1.8	2.1	2.4	2.6	2.9	3.3
Arndell Park	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.6	0.8	1.1	1.4	1.6	1.9	2.2	2.5	2.8	3.1	3.4
Baulkham Hills 11kv	0.0	0.0	0.0	0.1	0.3	0.5	0.9	1.3	1.8	2.4	3.2	3.9	4.7	5.4	6.2	7.0	7.8	8.6	9.5
Bella Vista	0.0	0.0	0.0	0.1	0.2	0.5	0.8	1.3	1.7	2.3	3.0	3.7	4.4	5.1	5.9	6.7	7.4	8.2	9.0
Berrima Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Berry	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.6	0.8	1.0	1.4	1.7	2.0	2.3	2.6	3.0	3.3	3.6	4.0
Blackheath	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.9	3.2	3.5
Blackmans Flat	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.7	0.9	1.2	1.4	1.7	1.9	2.2	2.4	2.7	3.0
Blaxland	0.0	0.0	0.0	0.1	0.2	0.4	0.6	1.0	1.3	1.8	2.3	2.9	3.4	4.0	4.6	5.2	5.8	6.4	7.0
Bolong Road	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9	1.1	1.2
Bomaderry	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.9	1.2	1.7	2.2	2.7	3.3	3.8	4.4	5.0	5.6	6.2	6.8
Bonnyrigg	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.7	2.4	3.2	4.3	5.3	6.4	7.5	8.7	9.9	11.1	12.4	13.7
Bossley Park	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.5	2.0	2.6	3.2	3.9	4.6	5.3	6.0	6.8	7.6	8.4
Bow Bowing	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.6	3.0	3.4	3.8	4.1
Bowral	0.0	0.0	0.1	0.2	0.4	0.6	0.9	1.3	1.7	2.2	2.8	3.5	4.1	4.8	5.5	6.1	6.8	7.4	8.1
Bringelly	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.8	1.0	1.4	1.7	2.0	2.4	2.8	3.1	3.5	3.9	4.3
Bulli	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.3	1.9	2.5	3.3	4.1	4.9	5.8	6.7	7.6	8.5	9.4	10.4
Bylong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
Cabramatta	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.4	1.8	2.3	2.7	3.2	3.7	4.3	4.8	5.3	5.9
Cambridge Park	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.2	1.6	2.2	2.9	3.7	4.4	5.2	6.0	6.8	7.6	8.5	9.3
Campbelltown	0.0	0.0	0.0	0.0	0.1	0.3	0.5	1.0	1.3	1.8	2.4	3.0	3.6	4.2	4.8	5.5	6.2	6.9	7.6
Canley Vale	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.7	2.4	3.2	4.3	5.4	6.4	7.6	8.8	10.0	11.2	12.5	13.8
Carramar	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.5	2.1	2.7	3.4	4.1	4.8	5.6	6.4	7.2	8.0	8.8
Castle Hill	0.0	0.0	0.1	0.2	0.4	0.7	1.2	1.8	2.4	3.2	4.2	5.2	6.2	7.2	8.3	9.3	10.3	11.4	12.5

Table A5.9 Plug-in electric vehicle impact on summer peak demand – AEMO Step Change (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Casula	0.0	0.0	0.0	0.0	0.1	0.4	0.8	1.4	2.0	2.7	3.5	4.4	5.3	6.2	7.2	8.2	9.2	10.2	11.3
Cattai	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.2	1.6	1.9	2.2	2.5	2.9	3.2	3.6	3.9
Cawdor	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.8	1.1	1.5	2.0	2.4	2.9	3.4	4.0	4.5	5.1	5.6	6.2
Cheriton Avenue	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.7	2.3	2.8	3.3	3.9	4.4	5.0	5.5	6.1	6.7
Chipping Norton	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.1	3.4	3.8
Claremont Meadows	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.5	2.0	2.7	3.3	4.0	4.7	5.4	6.2	6.9	7.7	8.5
Corrimal	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.1	1.6	2.1	2.8	3.5	4.2	4.9	5.6	6.4	7.2	7.9	8.8
Cranebrook	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.2	1.6	2.2	2.7	3.3	3.8	4.5	5.1	5.7	6.3	7.0
Culburra	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.9	1.2	1.6	2.0	2.4	2.8	3.2	3.7	4.1	4.6	5.0
Dapto	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.6	2.2	2.9	3.9	4.8	5.8	6.8	7.9	8.9	10.0	11.1	12.3
Darkes Forest	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8	0.9	1.0
Doonside	0.0	0.0	0.0	0.1	0.3	0.7	1.4	2.2	3.1	4.2	5.5	6.9	8.2	9.6	11.1	12.5	14.0	15.6	17.1
Dundas	0.0	0.0	0.1	0.2	0.4	0.7	1.3	2.1	2.8	3.8	5.0	6.2	7.4	8.6	9.9	11.2	12.5	13.8	15.2
East Richmond	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.9	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.2	4.7	5.2
Eastern Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
Edmondson Park	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.8	1.1	1.4	1.7	2.1	2.5	2.9	3.2	3.6	4.0	4.5
Emu Plains	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.9	1.2	1.6	2.2	2.7	3.2	3.7	4.3	4.9	5.5	6.1	6.7
Fairfield	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.4	1.8	2.3	2.7	3.2	3.7	4.2	4.7	5.3	5.9
Figtree	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.3	1.9	2.5	3.3	4.1	5.0	5.8	6.7	7.6	8.5	9.4	10.4
Gerringong	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.3	1.4	1.5	1.7
Glenmore Park	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.2	1.6	2.1	2.7	3.2	3.8	4.4	5.0	5.6	6.2	6.8
Glenorie	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3
Glossodia	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.8	1.1	1.5	1.8	2.2	2.6	3.0	3.4	3.8	4.3	4.7
Granville 132kv	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.9	1.3	1.7	2.3	2.8	3.4	3.9	4.5	5.1	5.7	6.3	7.0
Greystanes	0.0	0.0	0.0	0.1	0.1	0.3	0.6	1.0	1.5	1.9	2.6	3.2	3.8	4.5	5.2	5.9	6.6	7.3	8.1
Hartley Vale	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3
Hazelbrook	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	1.0	1.3	1.8	2.2	2.6	3.0	3.5	3.9	4.4	4.8	5.3

Table A5.9 Plug-in electric vehicle impact on summer peak demand – AEMO Step Change (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Helensburgh	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.7	0.9	1.2	1.4	1.7	1.9	2.2	2.4	2.7	3.0
Hinchinbrook	0.0	0.0	0.0	0.1	0.2	0.4	0.9	1.5	2.2	2.9	3.9	4.8	5.8	6.8	7.9	8.9	10.0	11.1	12.3
Holroyd	0.0	0.0	0.1	0.2	0.4	0.9	1.7	2.8	3.9	5.3	7.0	8.6	10.3	12.1	14.0	15.8	17.7	19.6	21.6
Homepride	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.6	2.1	2.8	3.5	4.2	4.9	5.7	6.4	7.2	8.0	8.9
Horsley Park	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2	1.4
Huntingwood	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2	1.4	1.5
Huskisson	0.0	0.0	0.0	0.1	0.2	0.3	0.7	1.1	1.6	2.1	2.8	3.4	4.1	4.9	5.6	6.4	7.2	8.0	8.8
Ilford Hall	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
Inner Harbour	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jamberoo	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.4
Jasper Road	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1	4.5	4.9
Jordan Springs	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.9	1.2	1.6	2.0	2.5	2.9	3.4	3.8	4.3	4.8	5.2
Kandos	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.6	5.1	5.6
Kangaroo Valley	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.5	0.6	0.7	0.8	0.9	1.1	1.2	1.3	1.5
Katoomba	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.8	1.1	1.5	2.0	2.4	2.9	3.4	3.9	4.4	5.0	5.5	6.0
Kellyville	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.7	0.9	1.1	1.4	1.7	1.9	2.2	2.5	2.8	3.0	3.3
Kembla Grange	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.3	2.5	2.8
Kemps Creek	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.3	2.5
Kenny Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
Kenthurst	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.8	1.1	1.4	1.8	2.3	2.7	3.1	3.5	4.0	4.4	4.8	5.3
Kentlyn	0.0	0.0	0.0	0.0	0.2	0.4	0.8	1.4	2.0	2.7	3.5	4.4	5.3	6.2	7.2	8.2	9.2	10.2	11.3
Kiama	0.0	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.1	1.4	1.9	2.3	2.6	3.0	3.4	3.7	4.1	4.4	4.7
Kingswood	0.0	0.0	0.0	0.0	0.2	0.4	0.9	1.6	2.2	3.0	3.9	4.9	5.9	6.9	8.0	9.1	10.2	11.3	12.5
Kurrajong	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.4	1.8	2.3	2.7	3.2	3.7	4.2	4.8	5.3	5.9
Leabons Lane	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.8	1.2	1.6	2.1	2.6	3.1	3.6	4.2	4.7	5.3	5.9	6.5
Lennox	0.0	0.0	0.0	0.1	0.3	0.5	0.8	1.3	1.8	2.4	3.1	3.8	4.6	5.3	6.1	6.9	7.7	8.5	9.3
Lithgow	0.0	0.0	0.0	0.1	0.2	0.3	0.6	1.0	1.4	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.1	6.7	7.4
Liverpool	0.0	0.0	0.0	0.0	0.2	0.4	0.9	1.5	2.1	2.8	3.8	4.7	5.6	6.6	7.7	8.7	9.8	10.9	12.0
Luddenham	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.6	0.8	1.1	1.3	1.6	1.9	2.2	2.5	2.8	3.1	3.4

Table A5.9 Plug-in electric vehicle impact on summer peak demand – AEMO Step Change (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Macquarie Fields	0.0	0.0	0.0	0.0	0.2	0.4	0.9	1.6	2.3	3.1	4.1	5.1	6.1	7.2	8.3	9.5	10.7	11.9	13.1
Maldon	0.0	0.0	0.0	0.1	0.2	0.3	0.7	1.1	1.5	2.1	2.7	3.4	4.1	4.8	5.5	6.2	7.0	7.8	8.6
Mamre	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.4	1.9	2.6	3.2	3.8	4.5	5.2	5.9	6.6	7.3	8.1
Marayong	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.8	1.2	1.6	2.1	2.6	3.1	3.6	4.1	4.7	5.2	5.8	6.4
Marsden Park	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.7	2.1	2.5	3.0	3.4	3.9	4.3	4.8	5.3
Meadow Flat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6
Minto	0.0	0.0	0.0	0.0	0.1	0.4	0.8	1.3	1.9	2.6	3.4	4.2	5.1	6.0	7.0	7.9	8.9	9.9	11.0
Mittagong	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.7	2.1	2.5	2.9	3.4	3.8	4.2	4.7	5.1
Moorebank	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.2	2.6	2.9	3.3	3.7	4.1
Moss Vale	0.0	0.0	0.1	0.1	0.3	0.5	0.8	1.1	1.4	1.9	2.5	3.0	3.6	4.2	4.8	5.3	5.9	6.5	7.1
Mt Ousley	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.8	1.1	1.5	1.9	2.4	2.9	3.4	3.9	4.4	5.0	5.5	6.1
Mungerie Park	0.0	0.0	0.1	0.2	0.5	1.0	1.7	2.6	3.6	4.7	6.2	7.7	9.2	10.7	12.3	13.9	15.5	17.1	18.8
Narellan	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.2	1.7	2.2	2.9	3.7	4.4	5.1	5.9	6.7	7.5	8.3	9.2
Nepean	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.2	1.7	2.3	3.0	3.7	4.5	5.3	6.1	6.9	7.7	8.6	9.4
Newton	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.7	0.9	1.2	1.4	1.6	1.9	2.1	2.4	2.7	2.9
North Eastern Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Leppington	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.2	2.5	2.7
North Parramatta	0.0	0.0	0.1	0.2	0.4	0.7	1.2	1.8	2.5	3.3	4.3	5.3	6.3	7.3	8.4	9.4	10.5	11.5	12.6
North Richmond	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.8	1.0	1.4	1.7	2.0	2.4	2.8	3.2	3.6	4.0	4.4
North Rocks	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.9	1.2	1.6	2.1	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.1
North Warragamba	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.9	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.2	4.7	5.2
North Wollongong	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.6	0.8	1.1	1.4	1.6	1.9	2.2	2.5	2.8	3.1	3.4
Northmead	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.1	1.5	2.0	2.6	3.2	3.8	4.5	5.1	5.8	6.4	7.1	7.8
Nowra	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.4	1.9	2.5	3.1	3.7	4.3	5.0	5.7	6.4	7.1	7.9

Table A5.9 Plug-in electric vehicle impact on summer peak demand – AEMO Step Change (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Oakdale	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.3	1.5	1.6	1.8	2.0
Oran Park	0.0	0.0	0.0	0.1	0.3	0.5	1.0	1.6	2.2	2.9	3.8	4.8	5.7	6.6	7.7	8.6	9.7	10.7	11.8
Parklea	0.0	0.0	0.0	0.1	0.3	0.7	1.2	1.9	2.7	3.6	4.7	5.8	7.0	8.1	9.4	10.6	11.9	13.1	14.5
Penrith 11kv	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.9	1.2	1.5	1.9	2.3	2.7	3.1	3.5	4.0	4.4	4.9
Plumpton	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.9	2.6	3.4	4.5	5.6	6.7	7.9	9.1	10.3	11.5	12.7	14.0
Port Central	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.8	1.1	1.3	1.6	1.8	2.1	2.4	2.6	2.9	3.2
Port Kembla	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.5	2.0	2.6	3.3	3.9	4.6	5.3	6.1	6.8	7.6	8.4
Portland	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.3
Prestons	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.5	2.0	2.7	3.4	4.1	4.7	5.5	6.2	7.0	7.8	8.6
Prospect	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.8	1.1	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.1	5.6	6.2
Quakers Hill	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.8	2.4	3.3	4.3	5.4	6.4	7.5	8.7	9.8	11.0	12.2	13.4
Quarries	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.1	3.4	3.7
Ringwood	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.2	2.4	2.6
Riverstone	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.8	1.1	1.5	2.0	2.5	2.9	3.4	4.0	4.5	5.0	5.6	6.1
Robertson	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.1	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0
Rooty Hill	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.4	1.9	2.5	3.3	4.1	4.9	5.8	6.7	7.5	8.4	9.3	10.3
Rosehill	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5
Russell Vale	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.5	2.0	2.7	3.3	4.0	4.7	5.4	6.1	6.9	7.6	8.4
Rydalmere	0.1	0.1	0.2	0.5	1.0	1.7	2.5	3.4	4.4	5.8	7.5	9.2	10.9	12.5	14.3	16.0	17.7	19.4	21.1
Schofields	0.0	0.0	0.0	0.1	0.2	0.5	0.8	1.4	1.9	2.5	3.3	4.1	4.9	5.8	6.7	7.5	8.4	9.3	10.2
Seven Hills	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.9	1.2	1.5	1.9	2.3	2.6	3.0	3.4	3.8	4.3	4.7
Shellharbour	0.0	0.0	0.0	0.1	0.2	0.4	0.9	1.5	2.1	2.8	3.7	4.6	5.5	6.5	7.5	8.5	9.5	10.6	11.7
Sherwood	0.0	0.0	0.0	0.1	0.2	0.4	0.9	1.5	2.0	2.7	3.6	4.5	5.4	6.4	7.4	8.3	9.4	10.4	11.5
Smithfield	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.7	2.4	3.2	4.3	5.3	6.4	7.5	8.8	9.9	11.2	12.5	13.8
South Granville	0.0	0.0	0.1	0.1	0.3	0.7	1.2	1.8	2.5	3.4	4.4	5.5	6.6	7.7	8.9	10.0	11.3	12.5	13.8
South Leppington	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.2	1.7	2.2	2.8	3.3	3.9	4.5	5.1	5.8	6.4	7.1
South Marsden Park	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.6	0.8	1.0	1.3	1.5	1.8	2.1	2.4	2.7	2.9	3.2

Table A5.9 Plug-in electric vehicle impact on summer peak demand – AEMO Step Change (MW) – continued																			
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
South Nowra	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.5	1.7	1.8
South Windsor	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.3	1.8	2.4	3.0	3.6	4.2	4.9	5.5	6.2	6.9	7.6
South Wollongong	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1	2.3
Springwood	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.1	1.5	2.0	2.7	3.3	3.9	4.6	5.3	6.0	6.7	7.3	8.1
St Marys	0.0	0.0	0.0	0.0	0.2	0.4	0.8	1.3	1.8	2.4	3.2	4.0	4.9	5.7	6.6	7.5	8.4	9.3	10.3
Sussex Inlet	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.9	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1	4.6	5.1
Tahmoor	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.2	1.7	2.3	3.0	3.7	4.5	5.3	6.1	6.9	7.7	8.6	9.5
The Oaks	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8	2.0	2.3
Tomerong	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.3	2.5	2.8
Ulladulla	0.0	0.0	0.0	0.1	0.2	0.4	0.9	1.5	2.1	2.8	3.7	4.6	5.5	6.5	7.5	8.5	9.5	10.6	11.7
Unanderra	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.1	2.4	2.8	3.1	3.4	3.8
Warilla	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.6	2.2	2.9	3.7	4.4	5.2	6.1	6.9	7.8	8.7	9.6
Wentworth Falls	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.8	1.1	1.4	1.6	1.9	2.2	2.5	2.8	3.1	3.4
Werrington	0.0	0.0	0.0	0.0	0.1	0.4	0.7	1.2	1.7	2.3	3.1	3.8	4.6	5.4	6.2	7.0	7.9	8.8	9.7
West Castle Hill	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.8	1.0	1.3	1.7	2.1	2.5	2.9	3.4	3.8	4.2	4.6	5.0
West Liverpool	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.2	1.7	2.3	3.0	3.7	4.5	5.2	6.1	6.9	7.7	8.6	9.5
West Parramatta	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.6	0.8	1.0	1.2	1.5	1.7	2.0	2.3	2.5	2.8	3.1
West Pennant Hills	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.9	1.2	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1	5.6	6.1
West Wetherill Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
West Wollongong	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.4	1.8	2.2	2.7	3.2	3.7	4.1	4.6	5.1	5.7
Westmead	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6	1.8	2.0
Wetherill Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7
Whalan	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.9	3.2	3.6	3.9
Wilton	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2

Table A5.9 Plug-in electric vehicle impact on summer peak demand – AEMO Step Change (MW) – continued																			
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Windsor	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.9	1.2	1.5	1.9	2.3	2.7	3.2	3.6	4.0	4.5	4.9
Wisemans	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.7	0.9	1.1	1.4	1.6	1.9	2.1	2.4	2.7	2.9
Wombarra	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.6	0.8	1.1	1.3	1.6	1.9	2.2	2.4	2.7	3.0	3.4
Woodpark	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.7	0.9	1.1	1.4	1.6	1.9	2.1	2.4	2.6	2.9
Yatte Yattah	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.6	0.8	1.1	1.4	1.7	2.1	2.4	2.8	3.1	3.5	3.9	4.2
Yennora	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.4	2.0	2.7	3.6	4.4	5.3	6.3	7.3	8.3	9.3	10.4	11.5
GRAND TOTAL	**0.9**	**1.4**	**3.1**	**8.3**	**21.7**	**46.4**	**86.4**	**142.0**	**196.9**	**263.0**	**347.9**	**431.7**	**517.4**	**604.7**	**699.3**	**790.1**	**885.2**	**981.7**	**1081.3**

A6. Energy efficiency scenarios by ZSS

This section presents selected tables for energy efficiency by scenario and Endeavour Energy ZSS from 2021-22 to 2039-40.

NIEIR provided Endeavour Energy with the following indicators for energy efficiency by ZSS:

- residential and business energy efficiency measured in GWh; and
- energy efficiency peak summer demand impacts (MW).

The peak demand impacts are implied from NIEIR's work. AEMO provides no peak demand impacts for energy efficiency.

The AEMO energy efficiency impacts are between 5 and 10 times higher than NIEIR's estimates. Significant energy efficiency gains are already implicit within recorded historical electricity sales data for New South Wales and Endeavour Energy.

Selected energy efficiency tables are provided below. These include tables from the June 2021 NIEIR projections and the AEMO Step Change and Net Zero 2050 scenarios. The tables are the totals for Endeavour Energy. Additional tables covering sectors and other scenarios were provided in Excel spreadsheets to Endeavour Energy to 2039-40 (AEMO PV and Battery scenarios for EE by ZSS final.xlxs; NIEIR PV Battery and EE scenarios for EE by ZSS final.xlxs).

Tables A6.1 and A6.2 show energy efficiency indicators for the NIEIR June 2021 projection.

Tables A6.3 and A6.4 show energy efficiency indicators for the AEMO Step Change scenario.

Tables A6.5 and A6.6 show energy efficiency indicators for the AEMO Net Zero 2050 scenario.

Table A6.1	Total Energy Efficiency energy by ZSS – NIEIR June 2021																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	2	3	3	3	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6
Albion Park	3	3	4	4	4	5	5	5	5	5	6	6	6	6	6	6	7	7	7
Ambarvale	2	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	6	6
Anzac Village	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
Appin	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Arndell Park	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
Baulkham Hills 11kv	2	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6
Bella Vista	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5
Berry	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
Blackheath	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
Blackmans Flat	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Blaxland	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5
Bolong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bomaderry	2	2	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5
Bonnyrigg	3	4	4	4	5	5	5	5	6	6	6	6	6	7	7	7	7	7	8
Bossley Park	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
Bow Bowing	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Bowral	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5
Bringelly	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Bulli	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4
Bylong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cabramatta	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
Cambridge Park	2	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	5	5
Campbelltown	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5
Canley Vale	3	4	4	5	5	5	6	6	6	7	7	7	7	7	8	8	8	8	8
Carramar	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
Castle Hill	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
Casula	3	3	3	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6
Cattai	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Cawdor	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4
Cheriton Avenue	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4

Table A6.1	Total Energy Efficiency energy by ZSS – NIEIR June 2021 (continued)																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Chipping Norton	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
Claremont Meadows	2	2	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5
Corrimal	3	3	3	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6
Cranebrook	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
Culburra	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
Dapto	3	4	4	5	5	5	6	6	6	7	7	7	7	7	8	8	8	8	8
Darkes Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Doonside	4	5	6	6	7	7	7	8	8	8	9	9	9	9	10	10	10	10	11
Dundas	4	5	5	6	6	6	7	7	7	8	8	8	8	8	9	9	9	9	10
East Richmond	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Edmondson Park	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
Emu Plains	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
Fairfield	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
Figtree	2	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6
Gerringong	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Glenmore Park	2	3	3	3	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6
Glenorie	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Glossodia	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Granville	3	3	3	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6
Greystanes	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
Hartley Vale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hazelbrook	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
Helensburgh	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Hinchinbrook	3	4	4	5	5	5	5	6	6	6	6	7	7	7	7	7	8	8	8
Holroyd	4	5	6	6	7	7	7	8	8	8	9	9	9	10	10	10	10	11	11
Homepride	2	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5
Horsley Park	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
Huntingwood	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Huskisson	2	2	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5
Ilford Hall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A6.1	Total Energy Efficiency energy by ZSS – NIEIR June 2021 (continued)																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Jamberoo	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Jasper Rd	3	3	4	4	4	5	5	5	5	5	6	6	6	6	6	7	7	7	7
Jordan Springs	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4
Kandos	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kangaroo Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Katoomba	2	2	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5
Kellyville	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
Kembla Grange	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kemps Creek	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kenny Street	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Kenthurst	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
Kentlyn	3	4	4	5	5	5	6	6	6	6	7	7	7	7	7	8	8	8	8
Kiama	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5
Kingswood	3	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	7	7	8
Kurrajong	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
Leabons Lane	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
Lennox	3	3	3	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	7
Lithgow	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5
Liverpool 11kv	3	4	4	4	5	5	5	5	6	6	6	6	6	7	7	7	7	7	8
Luddenham	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Macquarie Fields	3	3	4	4	4	5	5	5	5	6	6	6	6	6	6	7	7	7	7
Maldon	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
Mamre	2	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	5
Marayong	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4
Marsden Park	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
Meadow Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minto	4	5	5	6	6	6	7	7	7	8	8	8	8	9	9	9	9	10	10
Mittagong	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5
Moorebank	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Moss Vale	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
Mount Ousley	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5
Mungerie Park	5	6	6	7	7	8	8	9	9	9	10	10	10	11	11	11	12	12	12

Table A6.1	Total Energy Efficiency energy by ZSS – NIEIR June 2021 (continued)																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Narellan	4	4	5	5	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9
Nepean 11kv	3	3	3	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6
Newton	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4
North Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Leppington	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
North Parramatta	3	4	4	5	5	5	6	6	6	7	7	7	7	7	8	8	8	8	8
North Richmond	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
North Rocks	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
North Warragamba	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
North Wollongong	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
Northmead	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5
Nowra	2	2	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5
Oakdale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oran Park	3	3	3	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	7
Parklea	4	5	6	6	7	7	7	8	8	8	9	9	9	9	10	10	10	10	11
Penrith 11kv	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
Plumpton	4	4	5	5	5	6	6	6	7	7	7	7	7	8	8	8	8	9	9
Port Central	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Port Kembla	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
Portland	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Prestons	2	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	5	5
Prospect	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5
Quakers Hill	3	4	4	5	5	5	6	6	6	7	7	7	7	7	8	8	8	8	8
Quarries	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
Ringwood	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Riverstone	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
Robertson	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Rooty Hill	2	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6
Rosehill	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
Russell Vale	2	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	5	5

Table A6.1	Total Energy Efficiency energy by ZSS – NIEIR June 2021 (continued)																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Rydalmere	3	4	4	4	5	5	5	5	6	6	6	6	6	7	7	7	7	7	8
Schofields	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6	7	7
Seven Hills	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
Shellharbour	3	3	4	4	5	5	5	5	6	6	6	6	6	6	7	7	7	7	7
Sherwood	3	3	4	4	4	5	5	5	5	5	6	6	6	6	6	7	7	7	7
Smithfield	3	4	4	4	5	5	5	5	6	6	6	6	6	7	7	7	7	7	8
South Granville	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
South Leppington	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4
South Marsden Park	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
South Nowra	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
South Windsor	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5
South Wollongong	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
Springwood	2	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	5	6
St Marys	3	3	3	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6
Sussex Inlet	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
Tahmoor	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4
The Oaks	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tomerong	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
Ulladulla	3	4	4	4	5	5	5	6	6	6	6	6	7	7	7	7	7	8	8
Unanderra	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
Warilla	3	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6	7
Wentworth Falls	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Werrington	2	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6
West Castle Hill	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4
West Liverpool 11kv	2	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6
West Parramatta	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
West Pennant Hills	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4
West Wetherill Park 11kv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A6.1	Total Energy Efficiency energy by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
Westmead	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
Wetherill Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Whalan	2	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	6	6
Wilton	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Windsor	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Wisemans	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Wombarra	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Woodpark	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yatte Yattah	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Yennora	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4
GRAND TOTAL	**272**	**310**	**344**	**374**	**401**	**424**	**446**	**469**	**496**	**511**	**524**	**543**	**558**	**574**	**591**	**607**	**623**	**639**	**655**

Table A6.2	Total Energy Efficiency summer peak demand impacts by ZSS – NIEIR June 2021																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Abbotsbury	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Albion Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ambarvale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anzac Village	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Appin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arndell Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baulkham Hills 11kv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bella Vista	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Berry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blackheath	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blackmans Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blaxland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bolong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bomaderry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bonnyrigg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bossley Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bow Bowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bowral	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bringelly	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bulli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bylong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cabramatta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cambridge Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Campbelltown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canley Vale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Carramar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castle Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Casula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cattai	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cawdor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cheriton Avenue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A6.2	Total Energy Efficiency summer peak demand impacts by ZSS – NIEIR June 2021 (continued)																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Chipping Norton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Claremont Meadows	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corrimal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cranebrook	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Culburra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dapto	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Darkes Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Doonside	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Dundas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
East Richmond	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Edmondson Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emu Plains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fairfield	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Figtree	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gerringong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glenmore Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glenorie	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glossodia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Granville	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Greystanes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hartley Vale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hazelbrook	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helensburgh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hinchinbrook	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holroyd	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Homepride	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Horsley Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Huntingwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Huskisson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ilford Hall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A6.2	Total Energy Efficiency summer peak demand impacts by ZSS – NIEIR June 2021 (continued)																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Jamberoo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jasper Rd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jordan Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kandos	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kangaroo Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Katoomba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kellyville	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kembla Grange	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kemps Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kenny Street	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kenthurst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentlyn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Kiama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kingswood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kurrajong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leabons Lane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lennox	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lithgow	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liverpool 11kv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Luddenham	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macquarie Fields	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maldon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mamre	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marayong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marsden Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meadow Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minto	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
Mittagong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Moorebank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Moss Vale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mount Ousley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mungerie Park	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1

Table A6.2	Total Energy Efficiency summer peak demand impacts by ZSS – NIEIR June 2021 (continued)																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Narellan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Nepean 11kv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Newton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Leppington	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Parramatta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
North Richmond	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Rocks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Warragamba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Wollongong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northmead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nowra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oakdale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oran Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parklea	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Penrith 11kv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plumpton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Port Central	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Port Kembla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Portland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prestons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prospect	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Quakers Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Quarries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ringwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Riverstone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robertson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rooty Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosehill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Russell Vale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A6.2	Total Energy Efficiency summer peak demand impacts by ZSS – NIEIR June 2021 (continued)																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Rydalmere	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schofields	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Seven Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shellharbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sherwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Smithfield	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Granville	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Leppington	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Marsden Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Nowra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Windsor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Wollongong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Springwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St Marys	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sussex Inlet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tahmoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
The Oaks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomerong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ulladulla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unanderra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warilla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wentworth Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Werrington	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Castle Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Liverpool 11kv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Parramatta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Pennant Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Wetherill Park 11kv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A6.2	Total Energy Efficiency summer peak demand impacts by ZSS – NIEIR June 2021 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westmead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wetherill Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Whalan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wilton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Windsor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisemans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wombarra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Woodpark	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yatte Yattah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yennora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	**12**	**14**	**16**	**18**	**19**	**21**	**23**	**24**	**26**	**28**	**29**	**31**	**32**	**33**	**35**	**36**	**38**	**39**	**41**

Table A6.3	Total Energy Efficiency energy by ZSS – AEMO Step Change																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	5	7	10	12	14	16	18	20	23	25	27	29	31	33	35	36	38	40	41
Albion Park	6	9	11	14	16	19	21	24	27	30	32	34	37	39	41	43	44	46	48
Ambarvale	5	7	9	11	13	15	17	19	22	24	26	28	30	31	33	34	36	38	39
Anzac Village	4	5	7	8	10	11	13	14	16	18	19	21	22	24	25	26	27	28	29
Appin	1	1	2	2	2	3	3	4	4	4	5	5	5	6	6	6	7	7	7
Arndell Park	3	4	5	7	8	9	10	11	13	14	15	16	17	18	19	20	21	22	23
Baulkham Hills 11kv	5	7	9	12	14	15	18	20	22	25	27	29	30	32	34	35	37	39	40
Bella Vista	4	6	8	10	12	13	15	17	19	21	23	24	26	27	29	30	32	33	34
Berry	2	3	4	4	5	6	7	7	8	9	10	11	11	12	13	13	14	15	15
Blackheath	2	3	4	5	6	7	8	9	10	11	12	13	13	14	15	16	16	17	18
Blackmans Flat	1	1	2	2	2	2	3	3	4	4	4	5	5	5	5	6	6	6	6
Blaxland	4	6	8	9	11	13	14	16	18	20	22	23	25	26	28	29	30	32	33
Bolong	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3
Bomaderry	4	6	8	10	12	13	15	17	19	21	23	25	26	28	29	31	32	33	34
Bonnyrigg	7	9	12	15	18	20	23	26	29	32	34	37	39	42	44	46	48	50	52
Bossley Park	4	6	7	9	10	12	13	15	17	19	20	22	23	24	26	27	28	29	30
Bow Bowing	2	3	4	5	6	6	7	8	9	10	11	12	13	13	14	15	15	16	17
Bowral	4	6	7	9	11	12	14	15	17	19	21	22	24	25	26	28	29	30	31
Bringelly	1	2	2	3	3	4	4	5	6	6	7	7	8	8	9	9	9	10	10
Bulli	4	5	7	8	9	11	12	14	16	17	18	20	21	22	23	25	26	27	28
Bylong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cabramatta	3	4	5	7	8	9	10	11	13	14	15	16	17	18	19	20	21	22	23
Cambridge Park	5	7	9	11	13	15	16	19	21	23	25	27	29	30	32	33	35	36	38
Campbelltown	4	6	8	9	11	13	14	16	18	20	22	23	25	26	28	29	30	31	33
Canley Vale	7	11	14	17	20	23	25	29	33	36	39	42	44	47	49	51	54	56	58
Carramar	4	5	7	8	10	11	13	14	16	18	19	21	22	23	25	26	27	28	29
Castle Hill	3	4	5	7	8	9	10	11	13	14	15	16	18	19	20	20	21	22	23
Casula	5	8	10	12	14	16	19	21	24	26	28	30	32	34	36	38	39	41	43
Cattai	2	2	3	4	4	5	6	6	7	8	8	9	10	10	11	11	12	12	13
Cawdor	3	5	6	7	9	10	11	13	14	16	17	18	19	20	21	22	23	24	25
Cheriton Avenue	3	5	6	8	9	10	12	13	15	17	18	19	21	22	23	24	25	26	27

Table A6.3	Total Energy Efficiency energy by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	16	17	17	18
Claremont Meadows	5	7	9	11	12	14	16	18	20	22	24	26	28	29	31	32	34	35	36
Corrimal	5	8	10	12	15	17	19	21	24	26	29	31	33	35	36	38	40	42	43
Cranebrook	3	4	6	7	8	9	10	12	13	14	16	17	18	19	20	21	22	23	23
Culburra	4	5	7	9	10	12	13	15	17	18	20	21	23	24	25	26	27	29	30
Dapto	7	11	14	17	20	23	26	29	33	36	39	42	44	47	49	52	54	56	58
Darkes Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Doonside	9	13	17	21	25	29	32	37	41	45	49	53	56	59	62	65	68	71	74
Dundas	9	12	16	19	23	26	29	33	37	41	44	48	51	54	57	59	62	65	67
East Richmond	3	4	5	6	7	9	10	11	12	14	15	16	17	18	19	20	20	21	22
Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Edmondson Park	1	2	3	3	4	4	5	6	6	7	8	8	9	9	10	10	11	11	11
Emu Plains	4	5	7	9	10	12	13	15	17	18	20	21	23	24	25	27	28	29	30
Fairfield	4	6	7	9	10	12	13	15	17	19	20	22	23	25	26	27	28	30	31
Figtree	5	7	9	12	14	16	18	20	22	25	27	29	31	32	34	36	37	39	40
Gerringong	2	2	3	4	5	5	6	7	8	8	9	10	10	11	12	12	13	13	14
Glenmore Park	5	8	10	12	14	16	18	21	23	25	28	30	32	33	35	37	38	40	41
Glenorie	1	1	1	2	2	2	3	3	3	4	4	4	4	5	5	5	5	6	6
Glossodia	2	3	4	5	6	7	7	8	9	10	11	12	13	14	14	15	16	16	17
Granville	6	8	10	13	15	17	19	22	24	27	29	31	33	35	37	39	40	42	44
Greystanes	4	5	7	8	10	11	12	14	16	17	19	20	22	23	24	25	26	27	28
Hartley Vale	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Hazelbrook	3	4	5	6	8	9	10	11	13	14	15	16	17	18	19	20	21	22	22
Helensburgh	2	2	3	4	4	5	5	6	7	8	8	9	10	10	11	11	12	12	13
Hinchinbrook	7	10	13	16	19	21	24	27	31	34	37	39	42	44	47	49	51	53	55
Holroyd	10	14	18	22	25	29	33	37	42	46	50	54	57	60	63	66	69	72	75
Homepride	5	7	9	11	13	14	16	18	21	23	25	27	28	30	32	33	35	36	37
Horsley Park	1	1	1	1	1	2	2	2	2	3	3	3	3	3	4	4	4	4	4
Huntingwood	1	1	1	1	1	2	2	2	2	3	3	3	3	3	4	4	4	4	4
Huskisson	5	7	8	10	12	14	16	18	20	22	24	26	28	29	31	32	33	35	36
Ilford Hall	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A6.3	Total Energy Efficiency energy by ZSS – AEMO Step Change (continued)																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Jamberoo	1	1	1	1	1	2	2	2	2	3	3	3	3	3	4	4	4	4	4
Jasper Rd	6	9	11	14	16	19	21	24	27	30	32	35	37	39	41	43	45	47	49
Jordan Springs	3	5	6	7	9	10	11	12	14	15	17	18	19	20	21	22	23	24	25
Kandos	1	2	2	3	3	3	4	4	5	5	6	6	7	7	8	8	8	9	9
Kangaroo Valley	0	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	4	4	4
Katoomba	4	6	8	10	12	14	15	17	20	22	23	25	27	28	30	31	32	34	35
Kellyville	3	4	5	6	7	8	9	10	12	13	14	15	16	17	18	19	19	20	21
Kembla Grange	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	9	10
Kemps Creek	1	1	2	2	3	3	4	4	5	5	5	6	6	6	7	7	7	8	8
Kenny Street	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	4	5	5
Kenthurst	2	3	4	5	6	7	8	9	10	11	12	12	13	14	15	15	16	17	17
Kentlyn	7	10	13	16	19	22	25	28	31	34	37	40	43	45	47	50	52	54	56
Kiama	4	6	7	9	11	12	14	16	18	19	21	23	24	25	27	28	29	31	32
Kingswood	7	10	12	15	18	20	23	26	30	32	35	38	40	43	45	47	49	51	53
Kurrajong	2	3	4	5	6	7	8	9	10	11	12	12	13	14	15	15	16	17	17
Leabons Lane	4	6	7	9	10	12	14	15	17	19	21	22	24	25	26	27	29	30	31
Lennox	6	8	11	13	15	18	20	23	26	28	30	33	35	37	39	40	42	44	46
Lithgow	4	6	8	10	12	13	15	17	19	21	23	24	26	27	29	30	31	33	34
Liverpool 11kv	7	10	12	15	18	20	23	26	29	32	35	37	40	42	44	46	48	51	52
Luddenham	1	1	1	1	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
Macquarie Fields	6	9	11	14	16	19	21	24	27	30	32	35	37	39	41	43	45	47	49
Maldon	3	4	5	6	7	8	9	10	11	13	14	15	16	16	17	18	19	20	20
Mamre	5	7	9	11	12	14	16	18	21	23	24	26	28	30	31	32	34	35	37
Marayong	3	5	6	8	9	10	12	13	15	17	18	19	21	22	23	24	25	26	27
Marsden Park	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	19	20
Meadow Flat	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Minto	9	12	16	20	23	26	30	33	38	42	45	48	52	55	57	60	63	65	68
Mittagong	4	6	7	9	11	12	14	16	18	19	21	23	24	25	27	28	29	30	32
Moorebank	2	3	4	5	6	6	7	8	9	10	11	12	12	13	14	14	15	16	16
Moss Vale	4	5	7	8	10	11	13	14	16	18	19	21	22	23	25	26	27	28	29
Mount Ousley	4	6	7	9	11	12	14	16	18	20	21	23	24	26	27	28	29	31	32
Mungerie Park	11	15	20	24	28	32	37	42	47	52	56	60	64	68	71	74	78	81	84

Table A6.3	Total Energy Efficiency energy by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	8	11	15	18	21	24	27	31	35	38	41	44	47	50	53	55	57	60	62
Nepean 11kv	6	8	10	13	15	17	19	22	25	27	29	31	33	35	37	39	40	42	44
Newton	3	5	6	7	9	10	11	13	14	16	17	18	20	21	22	23	24	25	26
North Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Leppington	1	1	1	2	2	2	3	3	4	4	4	5	5	5	5	6	6	6	6
North Parramatta	7	11	14	17	20	23	25	29	33	36	39	42	44	47	49	51	54	56	58
North Richmond	2	3	4	4	5	6	7	7	8	9	10	11	11	12	13	13	14	14	15
North Rocks	3	4	5	7	8	9	10	12	13	14	15	17	18	19	20	21	22	22	23
North Warragamba	2	2	3	4	4	5	6	6	7	8	8	9	10	10	11	11	12	12	13
North Wollongong	4	5	7	8	10	11	13	14	16	18	19	21	22	23	25	26	27	28	29
Northmead	4	6	7	9	11	12	14	16	18	19	21	23	24	25	27	28	29	30	32
Nowra	5	7	8	10	12	14	16	18	20	22	24	26	27	29	30	32	33	35	36
Oakdale	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3
Oran Park	6	8	11	13	15	18	20	23	26	28	30	33	35	37	39	40	42	44	46
Parklea	9	13	17	21	25	28	32	36	41	45	49	53	56	59	62	65	68	71	74
Penrith 11kv	3	4	5	7	8	9	10	11	13	14	15	16	17	18	19	20	21	22	23
Plumpton	8	11	14	18	20	23	27	30	34	37	40	43	46	49	51	54	56	58	61
Port Central	2	2	3	4	4	5	6	6	7	8	9	9	10	10	11	11	12	12	13
Port Kembla	4	5	7	9	10	12	13	15	17	18	20	21	23	24	25	27	28	29	30
Portland	1	1	1	2	2	2	2	3	3	3	4	4	4	5	5	5	5	5	6
Prestons	5	7	9	11	13	15	17	19	21	23	25	27	29	31	32	34	35	37	38
Prospect	4	6	8	10	11	13	15	17	19	21	22	24	26	27	29	30	31	33	34
Quakers Hill	7	11	14	17	20	23	26	29	33	36	39	42	44	47	49	52	54	56	58
Quarries	2	3	3	4	5	5	6	7	8	9	9	10	11	11	12	12	13	14	14
Ringwood	2	2	3	4	5	5	6	7	8	8	9	10	10	11	11	12	12	13	13
Riverstone	3	4	5	6	7	8	9	11	12	13	14	15	16	17	18	19	20	21	21
Robertson	1	1	2	2	3	3	3	4	4	5	5	6	6	6	7	7	7	8	8
Rooty Hill	5	7	10	12	14	16	18	20	23	25	27	29	31	33	35	36	38	39	41
Rosehill	1	2	3	3	4	5	5	6	7	7	8	8	9	9	10	10	11	11	12
Russell Vale	5	7	9	11	13	15	16	19	21	23	25	27	29	30	32	33	35	36	38

Table A6.3	Total Energy Efficiency energy by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	7	9	12	15	18	20	23	26	29	32	35	37	40	42	44	46	48	50	52
Schofields	6	8	11	13	16	18	20	23	26	28	31	33	35	37	39	41	43	44	46
Seven Hills	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	17	18	19	20
Shellharbour	6	9	12	15	17	20	22	25	29	31	34	36	39	41	43	45	47	49	51
Sherwood	6	9	11	14	16	19	21	24	27	30	32	35	37	39	41	43	45	47	48
Smithfield	7	9	12	15	18	20	23	26	29	32	34	37	39	42	44	46	48	50	52
South Granville	4	6	7	9	10	12	14	15	17	19	21	22	24	25	26	27	29	30	31
South Leppington	3	5	6	7	8	10	11	12	14	15	16	18	19	20	21	22	23	24	25
South Marsden Park	1	1	2	2	2	2	3	3	4	4	4	5	5	5	5	6	6	6	6
South Nowra	1	1	2	2	2	3	3	4	4	4	5	5	6	6	6	6	7	7	7
South Windsor	4	6	8	9	11	12	14	16	18	20	21	23	25	26	27	29	30	31	32
South Wollongong	3	4	5	6	7	8	9	11	12	13	14	15	16	17	18	19	20	21	21
Springwood	5	7	9	11	13	15	17	19	22	24	26	27	29	31	33	34	36	37	38
St Marys	6	8	10	13	15	17	19	22	25	27	29	31	33	35	37	39	40	42	44
Sussex Inlet	2	3	4	5	5	6	7	8	9	10	10	11	12	13	13	14	14	15	16
Tahmoor	4	5	7	8	10	11	12	14	16	17	19	20	21	23	24	25	26	27	28
The Oaks	1	2	2	3	3	3	4	4	5	5	6	6	7	7	7	8	8	8	9
Tomerong	3	4	5	7	8	9	10	11	13	14	15	17	18	19	20	21	21	22	23
Ulladulla	7	10	13	16	18	21	24	27	30	33	36	39	41	44	46	48	50	52	54
Unanderra	1	2	3	3	4	4	5	5	6	7	7	8	8	9	9	10	10	10	11
Warilla	6	8	11	13	15	18	20	22	25	28	30	32	34	36	38	40	42	44	45
Wentworth Falls	2	3	4	5	5	6	7	8	9	10	11	12	12	13	14	14	15	16	16
Werrington	5	7	9	12	14	16	18	20	23	25	27	29	31	32	34	36	37	39	40
West Castle Hill	3	5	6	7	8	10	11	12	14	15	17	18	19	20	21	22	23	24	25
West Liverpool 11kv	5	7	9	12	14	15	18	20	22	25	27	29	30	32	34	35	37	39	40
West Parramatta	1	2	2	3	3	4	4	5	6	6	7	7	8	8	8	9	9	10	10
West Pennant Hills	3	5	6	8	9	10	12	13	15	17	18	19	21	22	23	24	25	26	27
West Wetherill Park 11kv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A6.3	Total Energy Efficiency energy by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	4	5	7	8	10	11	13	14	16	18	19	21	22	23	24	26	27	28	29
Westmead	2	3	4	5	6	7	8	9	11	12	13	13	14	15	16	17	17	18	19
Wetherill Park	0	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	4
Whalan	5	7	9	11	13	15	17	19	22	24	26	28	30	31	33	35	36	38	39
Wilton	1	1	1	2	2	2	3	3	3	4	4	4	4	5	5	5	5	6	6
Windsor	2	3	4	5	6	6	7	8	9	10	11	12	12	13	14	14	15	16	16
Wisemans	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	4	5	5
Wombarra	2	2	3	4	5	5	6	7	8	8	9	10	10	11	11	12	12	13	13
Woodpark	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
Yatte Yattah	1	2	2	3	3	4	4	5	6	6	7	7	8	8	8	9	9	10	10
Yennora	3	5	6	7	8	10	11	12	14	15	17	18	19	20	21	22	23	24	25
GRAND TOTAL	**575**	**824**	**1062**	**1309**	**1530**	**1750**	**1980**	**2237**	**2533**	**2777**	**3005**	**3229**	**3443**	**3641**	**3824**	**4001**	**4178**	**4363**	**4521**

Table A6.4	Total Energy Efficiency summer peak demand impacts by ZSS – AEMO Step Change																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Abbotsbury	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3
Albion Park	0	0	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3
Ambarvale	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3
Anzac Village	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Appin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arndell Park	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Baulkham Hills 11kv	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3
Bella Vista	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Berry	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Blackheath	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Blackmans Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blaxland	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Bolong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bomaderry	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Bonnyrigg	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3
Bossley Park	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Bow Bowing	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Bowral	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Bringelly	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Bulli	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
Bylong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cabramatta	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Cambridge Park	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Campbelltown	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Canley Vale	0	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	4	4	4
Carramar	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Castle Hill	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Casula	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3
Cattai	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
Cawdor	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
Cheriton Avenue	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2

Table A6.4	Total Energy Efficiency summer peak demand impacts by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Claremont Meadows	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Corrimal	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3
Cranebrook	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Culburra	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Dapto	0	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	4	4	4
Darkes Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Doonside	0	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	4	5	5
Dundas	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	4	4
East Richmond	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Edmondson Park	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Emu Plains	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Fairfield	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Figtree	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3
Gerringong	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Glenmore Park	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3
Glenorie	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glossodia	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Granville	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3
Greystanes	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Hartley Vale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hazelbrook	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Helensburgh	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
Hinchinbrook	0	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	4
Holroyd	0	1	1	1	2	2	2	2	3	3	3	4	4	4	4	4	5	5	5
Homepride	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Horsley Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Huntingwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Huskisson	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Ilford Hall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A6.4	Total Energy Efficiency summer peak demand impacts by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jasper Rd	0	0	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3
Jordan Springs	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
Kandos	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Kangaroo Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Katoomba	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Kellyville	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kembla Grange	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
Kemps Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Kenny Street	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kenthurst	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Kentlyn	0	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	4	4
Kiama	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Kingswood	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3
Kurrajong	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Leabons Lane	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Lennox	0	0	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3
Lithgow	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Liverpool 11kv	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3
Luddenham	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macquarie Fields	0	0	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3
Maldon	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Mamre	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Marayong	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
Marsden Park	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Meadow Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minto	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	4	4
Mittagong	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Moorebank	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Moss Vale	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Mount Ousley	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Mungerie Park	1	1	1	1	2	2	2	3	3	3	4	4	4	4	5	5	5	5	5

Table A6.4	Total Energy Efficiency summer peak demand impacts by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	0	1	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4
Nepean 11kv	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3
Newton	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
North Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Leppington	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Parramatta	0	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	4	4	4
North Richmond	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
North Rocks	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2
North Warragamba	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
North Wollongong	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Northmead	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Nowra	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Oakdale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oran Park	0	0	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3
Parklea	0	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	4	5	5
Penrith 11kv	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Plumpton	0	1	1	1	1	1	2	2	2	2	3	3	3	3	3	4	4	4	4
Port Central	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
Port Kembla	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Portland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prestons	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
Prospect	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Quakers Hill	0	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	4	4	4
Quarries	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Ringwood	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
Riverstone	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Robertson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rooty Hill	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3
Rosehill	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
Russell Vale	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2

Table A6.4	Total Energy Efficiency summer peak demand impacts by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3
Schofields	0	0	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3
Seven Hills	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Shellharbour	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3
Sherwood	0	0	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3
Smithfield	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3
South Granville	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
South Leppington	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
South Marsden Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Nowra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Windsor	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
South Wollongong	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Springwood	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3
St Marys	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3
Sussex Inlet	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Tahmoor	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
The Oaks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Tomerong	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Ulladulla	0	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	4
Unanderra	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Warilla	0	0	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3
Wentworth Falls	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Werrington	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3
West Castle Hill	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
West Liverpool 11kv	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3
West Parramatta	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
West Pennant Hills	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
West Wetherill Park 11kv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A6.4	Total Energy Efficiency summer peak demand impacts by ZSS – AEMO Step Change (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Westmead	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Wetherill Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Whalan	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3
Wilton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Windsor	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Wisemans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wombarra	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
Woodpark	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yatte Yattah	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
Yennora	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
GRAND TOTAL	**28**	**45**	**61**	**78**	**94**	**111**	**128**	**146**	**166**	**182**	**198**	**213**	**227**	**240**	**251**	**262**	**273**	**285**	**294**

Table A6.5	Total Energy Efficiency energy by ZSS – AEMO Net Zero 2050																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	3	4	6	8	9	11	13	15	17	19	20	22	23	25	26	27	29	30	31
Albion Park	3	5	7	9	11	13	15	17	20	22	24	26	27	29	31	32	34	35	37
Ambarvale	2	4	6	7	9	10	12	14	16	18	19	21	22	23	25	26	27	29	30
Anzac Village	2	3	4	6	7	8	9	10	12	13	14	16	17	18	19	20	21	22	22
Appin	0	1	1	1	2	2	2	3	3	3	4	4	4	4	5	5	5	5	5
Arndell Park	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	16	17	18
Baulkham Hills 11kv	3	4	6	8	9	11	12	14	16	18	20	21	23	24	25	27	28	29	31
Bella Vista	2	4	5	7	8	9	10	12	14	15	17	18	19	21	22	23	24	25	26
Berry	1	2	2	3	3	4	5	5	6	7	7	8	9	9	10	10	11	11	12
Blackheath	1	2	3	3	4	5	5	6	7	8	9	9	10	11	11	12	12	13	14
Blackmans Flat	0	1	1	1	1	2	2	2	3	3	3	3	4	4	4	4	5	5	5
Blaxland	2	3	5	6	8	9	10	12	13	15	16	17	19	20	21	22	23	24	25
Bolong	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3
Bomaderry	2	4	5	7	8	9	11	12	14	16	17	18	20	21	22	23	24	25	26
Bonnyrigg	3	5	8	10	12	14	16	18	21	24	26	28	29	31	33	35	36	38	40
Bossley Park	2	3	4	6	7	8	9	11	12	14	15	16	17	18	19	20	21	22	23
Bow Bowing	1	2	2	3	4	4	5	6	7	8	8	9	9	10	11	11	12	12	13
Bowral	2	3	5	6	7	8	10	11	13	14	15	17	18	19	20	21	22	23	24
Bringelly	1	1	2	2	2	3	3	4	4	5	5	5	6	6	6	7	7	7	8
Bulli	2	3	4	5	6	7	9	10	11	13	14	15	16	17	18	19	19	20	21
Bylong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cabramatta	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	15	16	17	17
Cambridge Park	2	4	6	7	9	10	12	13	15	17	19	20	21	23	24	25	26	28	29
Campbelltown	2	3	5	6	7	9	10	12	13	15	16	17	18	20	21	22	23	24	25
Canley Vale	4	6	9	11	13	16	18	21	24	26	29	31	33	35	37	39	41	43	45
Carramar	2	3	4	6	7	8	9	10	12	13	14	15	16	17	18	19	20	21	22
Castle Hill	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	16	17	18
Casula	3	4	6	8	10	11	13	15	17	19	21	23	24	26	27	28	30	31	33
Cattai	1	1	2	2	3	3	4	4	5	6	6	7	7	8	8	8	9	9	10
Cawdor	2	3	4	5	6	7	8	9	10	12	13	13	14	15	16	17	18	19	19
Cheriton Avenue	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21

Table A6.5	Total Energy Efficiency energy by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	1	2	3	3	4	5	6	6	7	8	9	10	10	11	12	12	13	13	14
Claremont Meadows	2	4	5	7	8	10	11	13	15	17	18	19	21	22	23	24	25	27	28
Corrimal	3	4	6	8	10	12	13	15	18	20	21	23	25	26	27	29	30	32	33
Cranebrook	2	2	3	5	5	6	7	8	10	11	12	12	13	14	15	16	16	17	18
Culburra	2	3	4	6	7	8	9	11	12	13	15	16	17	18	19	20	21	22	23
Dapto	4	6	9	11	13	16	18	21	24	26	29	31	33	35	37	39	41	43	45
Darkes Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Doonside	5	8	11	14	17	20	23	26	30	34	36	39	42	45	47	49	52	54	57
Dundas	4	7	10	13	15	18	20	24	27	30	33	36	38	40	42	45	47	49	51
East Richmond	1	2	3	4	5	6	7	8	9	10	11	12	13	13	14	15	15	16	17
Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Edmondson Park	1	1	2	2	3	3	3	4	5	5	6	6	6	7	7	8	8	8	9
Emu Plains	2	3	4	6	7	8	9	11	12	14	15	16	17	18	19	20	21	22	23
Fairfield	2	3	5	6	7	8	9	11	13	14	15	16	17	18	19	20	21	23	23
Figtree	3	4	6	8	9	11	12	14	16	18	20	21	23	24	26	27	28	29	31
Gerringong	1	1	2	3	3	4	4	5	6	6	7	7	8	8	9	9	10	10	10
Glenmore Park	3	4	6	8	10	11	13	15	17	19	20	22	24	25	26	28	29	30	32
Glenorie	0	1	1	1	1	2	2	2	2	3	3	3	3	3	4	4	4	4	4
Glossodia	1	2	3	3	4	5	5	6	7	8	8	9	10	10	11	11	12	12	13
Granville	3	5	6	8	10	12	13	15	18	20	21	23	25	26	28	29	30	32	33
Greystanes	2	3	4	5	7	8	9	10	12	13	14	15	16	17	18	19	20	21	22
Hartley Vale	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
Hazelbrook	1	2	3	4	5	6	7	8	9	10	11	12	13	13	14	15	16	16	17
Helensburgh	1	1	2	2	3	3	4	4	5	6	6	7	7	8	8	8	9	9	10
Hinchinbrook	4	6	8	11	13	15	17	20	23	25	27	29	31	33	35	37	39	40	42
Holroyd	5	8	11	14	17	20	23	27	31	34	37	40	43	45	48	50	52	55	57
Homepride	2	4	6	7	9	10	11	13	15	17	18	20	21	23	24	25	26	27	29
Horsley Park	0	0	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3
Huntingwood	0	0	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3
Huskisson	2	4	5	7	8	10	11	13	15	16	18	19	21	22	23	24	25	27	28
Ilford Hall	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A6.5	Total Energy Efficiency energy by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	0	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3
Jasper Rd	3	5	7	9	11	13	15	17	20	22	24	26	28	29	31	32	34	36	37
Jordan Springs	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	19
Kandos	1	1	1	2	2	2	3	3	4	4	4	5	5	5	6	6	6	7	7
Kangaroo Valley	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3
Katoomba	2	4	5	7	8	9	11	12	14	16	17	19	20	21	22	23	25	26	27
Kellyville	1	2	3	4	5	6	6	7	9	10	10	11	12	13	13	14	15	15	16
Kembla Grange	1	1	1	2	2	3	3	3	4	4	5	5	6	6	6	7	7	7	7
Kemps Creek	1	1	1	2	2	2	2	3	3	4	4	4	5	5	5	5	6	6	6
Kenny Street	0	0	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	4
Kenthurst	1	2	3	3	4	5	5	6	7	8	9	9	10	10	11	12	12	13	13
Kentlyn	4	6	8	11	13	15	17	20	23	25	28	30	32	34	36	37	39	41	43
Kiama	2	3	5	6	7	8	10	11	13	14	16	17	18	19	20	21	22	23	24
Kingswood	3	5	8	10	12	14	16	19	22	24	26	28	30	32	34	35	37	39	40
Kurrajong	1	2	3	3	4	5	5	6	7	8	9	9	10	10	11	12	12	13	13
Leabons Lane	2	3	5	6	7	8	9	11	13	14	15	16	18	19	20	21	22	23	24
Lennox	3	5	7	9	11	12	14	16	19	21	23	24	26	28	29	30	32	34	35
Lithgow	2	4	5	7	8	9	10	12	14	15	17	18	19	20	22	23	24	25	26
Liverpool 11kv	3	5	8	10	12	14	16	19	22	24	26	28	30	32	33	35	37	38	40
Luddenham	0	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	4	4	4
Macquarie Fields	3	5	7	9	11	13	15	17	20	22	24	26	28	29	31	33	34	36	37
Maldon	1	2	3	4	5	5	6	7	8	9	10	11	12	12	13	14	14	15	16
Mamre	2	4	5	7	8	10	11	13	15	17	18	20	21	22	23	25	26	27	28
Marayong	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21
Marsden Park	1	2	3	4	5	5	6	7	8	9	10	11	11	12	13	13	14	15	15
Meadow Flat	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2
Minto	4	7	10	13	16	18	21	24	28	31	33	36	38	41	43	45	47	50	52
Mittagong	2	3	5	6	7	8	10	11	13	14	16	17	18	19	20	21	22	23	24
Moorebank	1	2	2	3	4	4	5	6	7	7	8	9	9	10	10	11	11	12	13
Moss Vale	2	3	4	6	7	8	9	10	12	13	14	15	16	17	18	19	20	21	22
Mount Ousley	2	3	5	6	7	8	10	11	13	14	16	17	18	19	20	21	22	23	24
Mungerie Park	5	9	12	16	19	22	26	30	34	38	41	45	48	51	53	56	59	62	64

Table A6.5	Total Energy Efficiency energy by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Narellan	4	6	9	12	14	17	19	22	26	28	31	33	35	37	39	41	43	46	47
Nepean 11kv	3	5	7	8	10	12	13	16	18	20	22	23	25	26	28	29	31	32	34
Newton	2	3	4	5	6	7	8	9	11	12	13	14	15	16	16	17	18	19	20
North Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Leppington	0	1	1	1	1	2	2	2	3	3	3	3	4	4	4	4	4	5	5
North Parramatta	4	6	9	11	13	16	18	21	24	26	29	31	33	35	37	39	41	43	44
North Richmond	1	2	2	3	3	4	5	5	6	7	7	8	8	9	9	10	10	11	11
North Rocks	1	2	3	4	5	6	7	8	10	11	12	12	13	14	15	16	16	17	18
North Warragamba	1	1	2	2	3	3	4	5	5	6	6	7	7	8	8	8	9	9	10
North Wollongong	2	3	4	6	7	8	9	10	12	13	14	15	17	18	18	19	20	21	22
Northmead	2	3	5	6	7	8	10	11	13	14	16	17	18	19	20	21	22	23	24
Nowra	2	4	5	7	8	10	11	13	15	16	18	19	20	22	23	24	25	26	27
Oakdale	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3
Oran Park	3	5	7	9	10	12	14	16	19	21	23	24	26	28	29	30	32	34	35
Parklea	5	8	11	14	17	20	23	26	30	33	36	39	42	44	47	49	52	54	56
Penrith 11kv	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	16	17	18
Plumpton	4	6	9	12	14	16	19	21	25	27	30	32	34	37	38	40	42	44	46
Port Central	1	1	2	2	3	3	4	5	5	6	6	7	7	8	8	9	9	9	10
Port Kembla	2	3	4	6	7	8	9	11	12	14	15	16	17	18	19	20	21	22	23
Portland	0	1	1	1	1	2	2	2	2	3	3	3	3	3	4	4	4	4	4
Prestons	2	4	6	7	9	10	12	13	16	17	19	20	22	23	24	25	27	28	29
Prospect	2	3	5	6	8	9	10	12	14	15	17	18	19	20	21	23	24	25	26
Quakers Hill	4	6	9	11	13	16	18	21	24	26	29	31	33	35	37	39	41	43	45
Quarries	1	1	2	3	3	4	4	5	6	6	7	8	8	9	9	9	10	10	11
Ringwood	1	1	2	3	3	4	4	5	6	6	7	7	8	8	9	9	9	10	10
Riverstone	1	2	3	4	5	6	7	8	9	10	10	11	12	13	14	14	15	16	16
Robertson	1	1	1	2	2	2	2	3	3	4	4	4	5	5	5	5	6	6	6
Rooty Hill	3	4	6	8	9	11	13	14	17	19	20	22	23	25	26	27	29	30	31
Rosehill	1	1	2	2	3	3	4	4	5	5	6	6	7	7	7	8	8	9	9
Russell Vale	2	4	6	7	9	10	12	13	15	17	19	20	21	23	24	25	26	28	29

Table A6.5	Total Energy Efficiency energy by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	3	5	8	10	12	14	16	18	21	24	26	28	30	31	33	35	36	38	40
Schofields	3	5	7	9	11	12	14	16	19	21	23	24	26	28	29	31	32	34	35
Seven Hills	1	2	3	4	5	5	6	7	8	9	10	10	11	12	12	13	14	14	15
Shellharbour	3	5	8	10	12	14	16	18	21	23	25	27	29	31	32	34	36	37	39
Sherwood	3	5	7	9	11	13	15	17	20	22	24	26	28	29	31	32	34	36	37
Smithfield	3	5	8	10	12	14	16	18	21	24	26	28	29	31	33	35	36	38	40
South Granville	2	3	5	6	7	8	10	11	13	14	15	16	18	19	20	21	22	23	24
South Leppington	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	17	18	19
South Marsden Park	0	1	1	1	1	2	2	2	3	3	3	3	4	4	4	4	4	5	5
South Nowra	0	1	1	1	2	2	2	3	3	3	4	4	4	4	5	5	5	5	6
South Windsor	2	3	5	6	7	9	10	11	13	15	16	17	18	19	20	22	23	24	25
South Wollongong	1	2	3	4	5	6	7	8	9	10	11	11	12	13	14	14	15	16	16
Springwood	2	4	6	7	9	10	12	14	16	17	19	20	22	23	24	26	27	28	29
St Marys	3	5	6	8	10	12	13	16	18	20	22	23	25	26	28	29	31	32	33
Sussex Inlet	1	2	2	3	4	4	5	6	6	7	8	8	9	9	10	10	11	12	12
Tahmoor	2	3	4	5	6	8	9	10	12	13	14	15	16	17	18	19	20	21	22
The Oaks	1	1	1	2	2	2	3	3	4	4	4	5	5	5	6	6	6	6	7
Tomerong	1	2	3	4	5	6	7	8	10	11	11	12	13	14	15	16	16	17	18
Ulladulla	3	6	8	10	12	14	17	19	22	25	27	29	31	33	34	36	38	40	41
Unanderra	1	1	2	2	2	3	3	4	4	5	5	6	6	7	7	7	8	8	8
Warilla	3	5	7	9	10	12	14	16	19	21	22	24	26	27	29	30	32	33	35
Wentworth Falls	1	2	2	3	4	4	5	6	7	7	8	9	9	10	10	11	11	12	12
Werrington	3	4	6	8	9	11	12	14	17	18	20	21	23	24	26	27	28	30	31
West Castle Hill	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	17	18	19
West Liverpool 11kv	3	4	6	8	9	11	12	14	16	18	20	21	23	24	25	27	28	29	31
West Parramatta	1	1	1	2	2	3	3	4	4	5	5	5	6	6	6	7	7	7	8
West Pennant Hills	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21
West Wetherill Park 11kv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A6.5	Total Energy Efficiency energy by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	2	3	4	6	7	8	9	10	12	13	14	15	16	17	18	19	20	21	22
Westmead	1	2	3	4	4	5	6	7	8	9	9	10	11	11	12	13	13	14	14
Wetherill Park	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3
Whalan	2	4	6	7	9	10	12	14	16	18	19	21	22	24	25	26	27	29	30
Wilton	0	1	1	1	1	2	2	2	2	3	3	3	3	3	4	4	4	4	4
Windsor	1	2	2	3	4	4	5	6	7	7	8	9	9	10	10	11	11	12	12
Wisemans	0	0	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	4
Wombarra	1	1	2	3	3	4	4	5	6	6	7	7	8	8	9	9	9	10	10
Woodpark	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Yatte Yattah	1	1	1	2	2	3	3	4	4	5	5	5	6	6	6	7	7	7	8
Yennora	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	17	18	19
GRAND TOTAL	**290**	**469**	**671**	**868**	**1040**	**1207**	**1386**	**1605**	**1858**	**2051**	**2232**	**2404**	**2570**	**2727**	**2875**	**3019**	**3165**	**3323**	**3458**

Table A6.6	Total Energy Efficiency summer peak demand impacts by ZSS – AEMO Net Zero 2050																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Abbotsbury	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Albion Park	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Ambarvale	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Anzac Village	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Appin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arndell Park	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Baulkham Hills 11kv	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Bella Vista	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2
Berry	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Blackheath	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
Blackmans Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blaxland	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2
Bolong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bomaderry	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2
Bonnyrigg	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3
Bossley Park	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2
Bow Bowing	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
Bowral	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Bringelly	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Bulli	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Bylong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cabramatta	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Cambridge Park	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
Campbelltown	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2
Canley Vale	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3
Carramar	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Castle Hill	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Casula	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Cattai	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
Cawdor	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Cheriton Avenue	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1

Table A6.6	Total Energy Efficiency summer peak demand impacts by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Chipping Norton	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
Claremont Meadows	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2
Corrimal	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Cranebrook	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Culburra	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Dapto	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3
Darkes Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Doonside	0	0	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	4	4
Dundas	0	0	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3
East Richmond	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Edmondson Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Emu Plains	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Fairfield	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Figtree	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Gerringong	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Glenmore Park	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Glenorie	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glossodia	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
Granville	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Greystanes	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Hartley Vale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hazelbrook	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Helensburgh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
Hinchinbrook	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3
Holroyd	0	0	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	4	4
Homepride	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
Horsley Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Huntingwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Huskisson	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2
Ilford Hall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inner Harbour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A6.6	Total Energy Efficiency summer peak demand impacts by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Jamberoo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jasper Rd	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Jordan Springs	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Kandos	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kangaroo Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Katoomba	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2
Kellyville	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Kembla Grange	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kemps Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kenny Street	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kenthurst	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
Kentlyn	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3
Kiama	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2
Kingswood	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3
Kurrajong	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
Leabons Lane	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Lennox	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Lithgow	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2
Liverpool 11kv	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3
Luddenham	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macquarie Fields	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Maldon	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Mamre	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2
Marayong	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Marsden Park	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Meadow Flat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minto	0	0	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3
Mittagong	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2
Moorebank	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
Moss Vale	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Mount Ousley	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2
Mungerie Park	0	0	1	1	1	1	2	2	2	2	3	3	3	3	3	4	4	4	4

Table A6.6	Total Energy Efficiency summer peak demand impacts by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Narellan	0	0	0	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3
Nepean 11kv	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Newton	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
North Eastern Creek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Leppington	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Parramatta	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3
North Richmond	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
North Rocks	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
North Warragamba	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
North Wollongong	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Northmead	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2
Nowra	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2
Oakdale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oran Park	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Parklea	0	0	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	4	4
Penrith 11kv	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Plumpton	0	0	0	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3
Port Central	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
Port Kembla	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Portland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prestons	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
Prospect	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2
Quakers Hill	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3
Quarries	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Ringwood	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
Riverstone	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Robertson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rooty Hill	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Rosehill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Russell Vale	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2

Table A6.6	Total Energy Efficiency summer peak demand impacts by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Rydalmere	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3
Schofields	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Seven Hills	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Shellharbour	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3
Sherwood	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Smithfield	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3
South Granville	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2
South Leppington	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
South Marsden Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Nowra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Windsor	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2
South Wollongong	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Springwood	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
St Marys	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Sussex Inlet	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
Tahmoor	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
The Oaks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tomerong	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Ulladulla	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3
Unanderra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Warilla	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Wentworth Falls	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
Werrington	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
West Castle Hill	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
West Liverpool 11kv	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
West Parramatta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
West Pennant Hills	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
West Wetherill Park 11kv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A6.6	Total Energy Efficiency summer peak demand impacts by ZSS – AEMO Net Zero 2050 (continued)																		
ZSS	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
West Wollongong	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
Westmead	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Wetherill Park	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Whalan	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Wilton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Windsor	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
Wisemans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wombarra	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Woodpark	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yatte Yattah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yennora	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
GRAND TOTAL	**13**	**23**	**36**	**49**	**61**	**74**	**87**	**103**	**120**	**133**	**146**	**157**	**168**	**178**	**188**	**197**	**206**	**217**	**225**

A7. Maximum demands and air conditioning in Endeavour Energy

This section provides further detail on air conditioner penetration in NSW and the Endeavour Energy network over the previous 10 years.

Air conditioner use over the previous ten years is inferred from NIEIR's PeakSim model for maximum demand. The PeakSim model uses half-hourly demand and temperature data. Each half-hourly period during the day is modelled separately to capture the intra-daily dynamics between demand and temperature. The PeakSim model generates probability distributions of peak demand from synthetically generated distributions of temperature and demand. This contrasts with more deterministic models that conditions peak demand forecasts on given temperature levels.

The maximum demand modelling presented in this report is based on an intuitive conceptual framework. Maximum demand is segmented into two parts:

- temperature insensitive demand; and
- temperature sensitive demand.

Temperature insensitive demand (or base load) is the part of demand that would occur irrespective of the weather conditions. The level of temperature insensitive demand is approximately the level of demand on a mild temperature day (all other factors held constant). Temperature sensitive demand is the part of demand that occurs due to prevailing weather conditions. This part of demand mostly reflects the intensity of heating/cooling equipment use.

The level of temperature sensitive demand can vary significantly depending on the prevailing weather conditions.

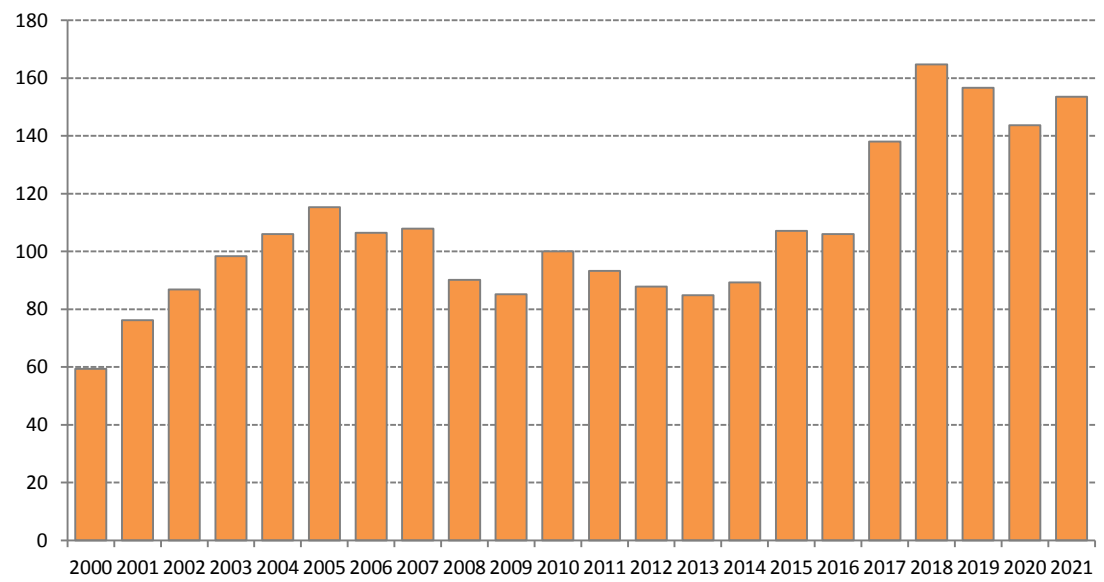
A7.1 Air conditioners

Air conditioner use makes up a significant proportion of the load at the time of maximum demand. NIEIR estimates that around 50 per cent of electricity use at Endeavour Energy total network maximum demand is from air conditioner use (and other temperature sensitive equipment).

A7.1.1 NSW air conditioner sales

Air conditioner sales in NSW are now around 40 to 60 per cent higher over 2018 to 2021 than what they were ten years ago. However, despite the high annual increases in sales over the most recent few years, this has not fully translated into increased temperature load. There has been an increase in temperature load as shown in Figure A7.1, but not as much as suggest by recent air conditioner sales. One major factor is the increasing number of air conditioners going towards replacement of existing stock.

Figure A7.1: NSW Air conditioner sales 2000 to 2021 (index 2010=100)



A7.1.2 MEPS

Minimum energy performance standards have been in place for residential air conditioners since 2004 and for three phase air conditioners since 2001 (commercial/ industrial use). The most significant schedule of improvement to regulated energy efficiency for air conditioners occurred over 2004 to 2011. Since this time, there has been no significant increase to the highest selling categories of air conditioners, rather energy efficiency continues to improve with market and technology alone.

This means that it has now been around 10 years since a significant change to MEPS for air conditioners. Therefore network impacts (MW/GWh) as a result of regulatory changes should already be factored into historical data series.

On this basis NIEIR has not provided a large post-modelling adjustment for air conditioners, but has provided a small adjustment for portable air conditioners, which had not been subject to MEPS until recently.

> *"Each GEMS determination for air conditioners contains a minimum Coefficient of Performance (COP) and Energy Efficiency Ratio (EER) that models sold into Australia are required to exceed. This removes the least efficient models from the market, and prevents dumping of cheap, inefficient models into Australia.* ***Since 2011 there has not been any substantial change in MEPS to the main categories of air conditioner****, rather newer GEMS determinations have sought to broaden the scope of MEPS into classes of air conditioners that have not been adequately covered in the past. These regulations have been introduced to lesser sold categories."*
>
> (Section 7.2, Post-modelling adjustments of energy and peak demand forecasts for Endeavour Energy's demand forecasts)

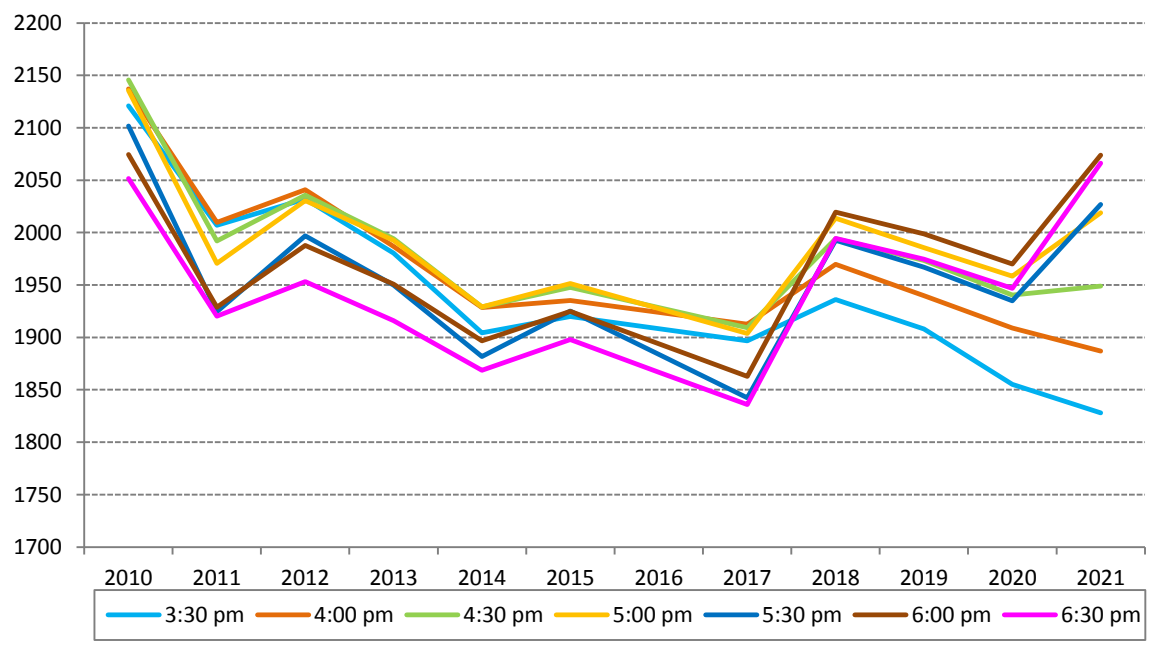
A7.2 Air conditioner use at maximum demand

A7.2.1 Base load

Base load has been estimated for the Endeavour Energy network total system demand with select intervals shown in Figure A7.2. This is the portion of demand that is not directly influenced by temperature conditions, but would exist on a mild temperature day.

Historically, base load has been the highest around 4:00pm to 5:00pm. But in recent years this relationship has changed, with the later intervals having a higher base load than the mid-afternoon intervals. This is partly the influence of PV on maximum demand. The impact of PV has been to reduce base load demand for all intervals over the previous 10 years. But the impact is greater during the middle of the day, than it is during the evening, which is demonstrated in the profile in Figure A7.2.

Figure A7.2: Base load – Endeavour Energy total network (MW)



Note: Temperature variable is weighted between minimum, maximum and half-hourly temperature and then 18 degrees is subtracted from the weighted variable. A moving average has been applied to smooth the series.

A7.2.2 Temperature sensitivity and temperature load

Figure A7.3 shows the temperature sensitivity of the total Endeavour Energy network across half hourly intervals from 3:30pm to 6:30pm. Temperature sensitivity is measured in MW per degree, where average temperatures are measured in cooling degree terms. The main driver behind increasing temperature sensitivity is increasing air conditioner use within the network. This could be driven either by increasing penetrations of air conditioners into the existing building stock, or by air conditioners in new developments, such as housing estates on the outskirts of Sydney.

In the ten years from 2012 to 2021, average growth in temperature sensitivity was around 2.6 per cent per annum. This includes a period of particularly strong growth around 2017 to 2019, which coincides with strong air conditioner sales into NSW.

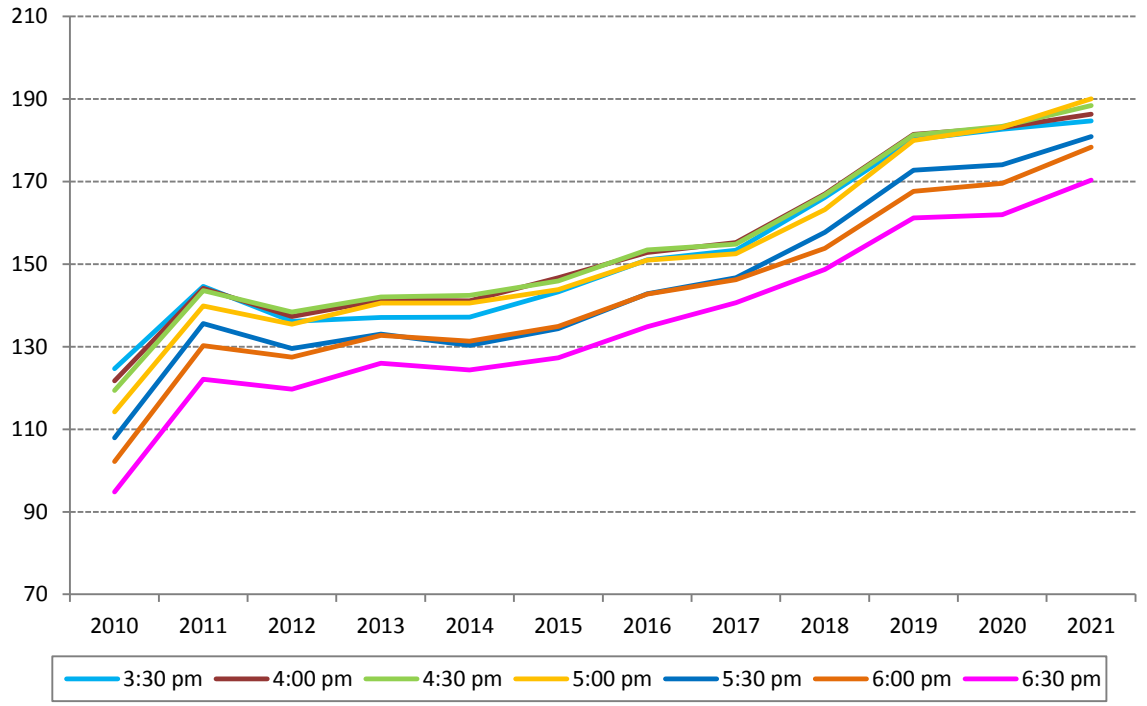
Temperature sensitivity usually peaks around 3:30pm to 4:30pm in the afternoon, when temperatures are usually at their hottest. This is a large factor driving the timing of peak demand in Endeavour Energy. Temperature sensitivity falls away during the evening as temperatures decrease. However, as the uptake of small-scale PV has increased over the previous ten years, this has trimmed demands during the afternoon. The timing of Endeavour Energy summer peak demand is increasingly likely to be observed during later intervals during the afternoon/early evening when there is slightly less temperature load. Any further shift of the peak time into the evening is restricted by temperature sensitivity falling, and a decreasing impact from PV as it gets darker (without considering battery or EV).

Figure A7.4 shows the estimated total temperature sensitive load during a summer season POE 10 peak demand event at 5:30pm. As of 2021, temperature sensitive load contributes 2,381 MW toward POE 10 maximum demand.

A7.2.3 Historical network total demand

Figure A7.5 shows the total estimated distribution of summer peak demand for the Endeavour Energy total network at the 10, 50 and 90 probability of exceedance levels. Since around 2015, underlying summer maximum demand has been growing for the Endeavour Energy network total.

Figure A7.3: Temperature sensitivity – Endeavour Energy total network (MW per degree)



Note: Temperature variable is weighted between minimum, maximum and half-hourly temperature and then 18 degrees is subtracted from the weighted variable. A moving average has been applied to smooth the series.

Figure A7.4: Air conditioner load at 5:30pm for POE 10 demand (MW)

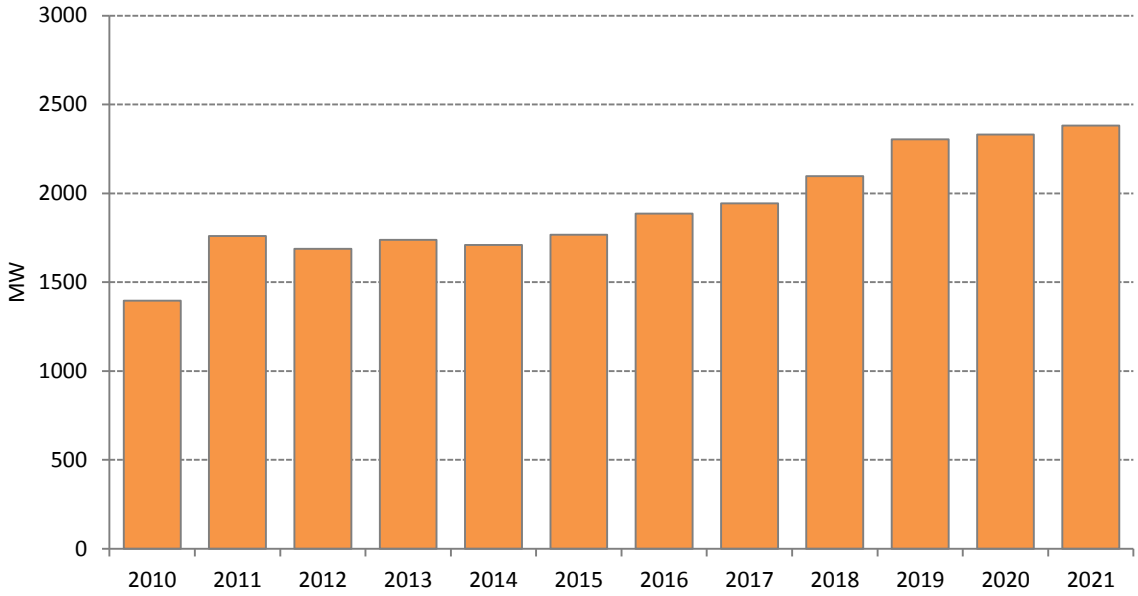
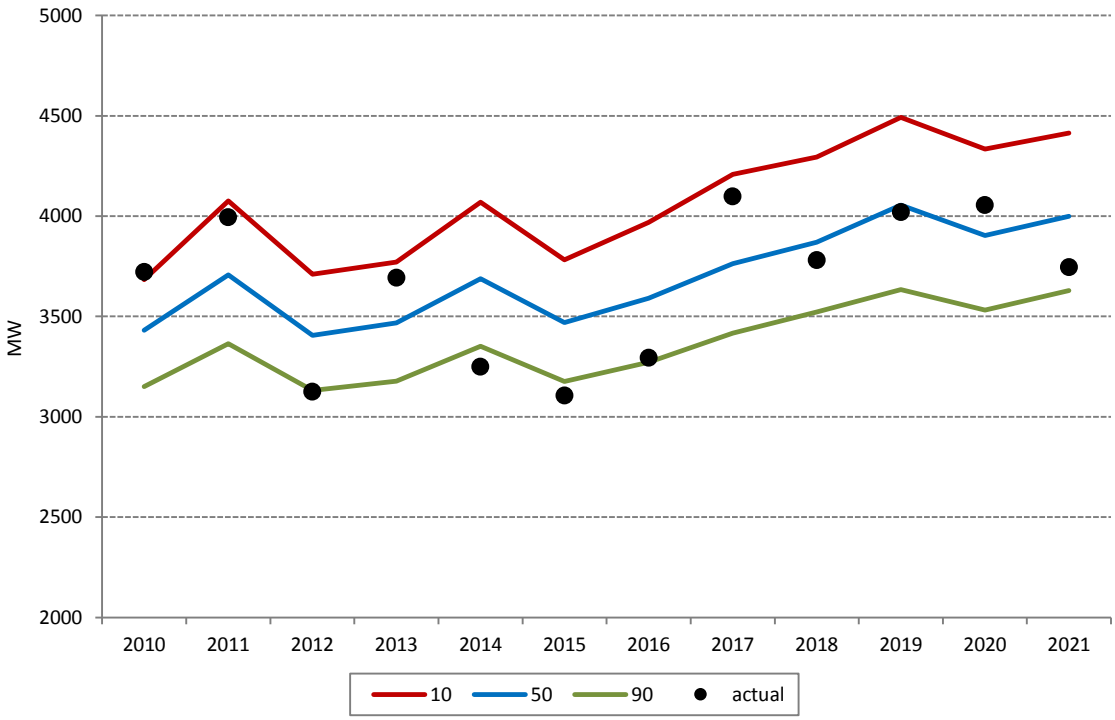


Figure A7.5: PeakSim historical demand distributions – Endeavour Energy total network (MW)



A8. Weather standards for Endeavour Energy

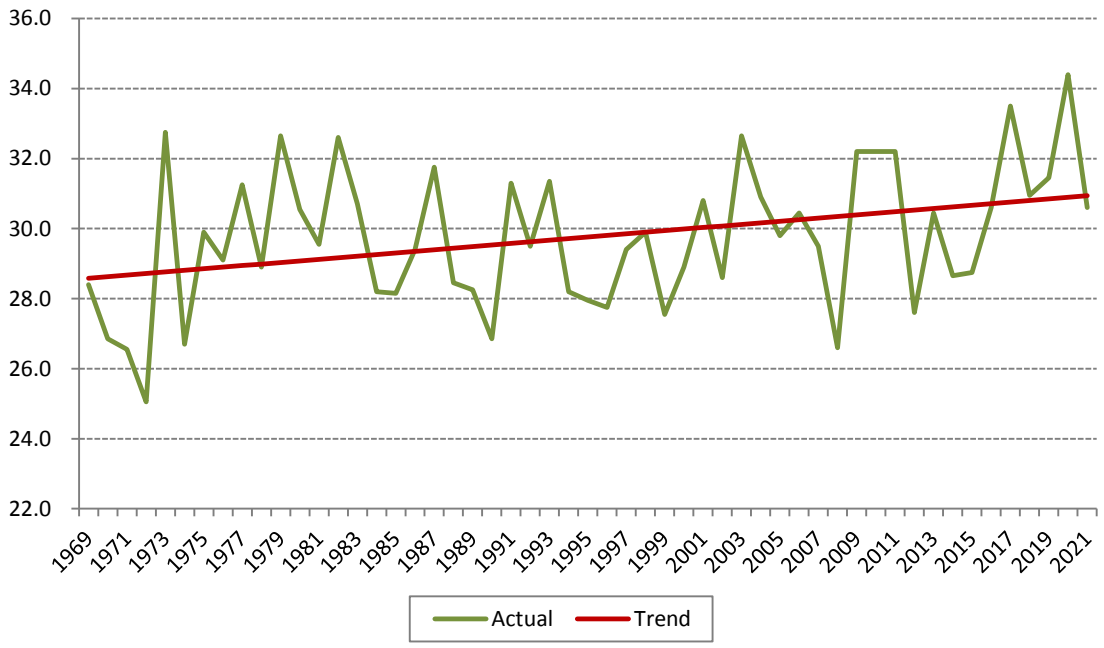
A8.1 Long-term trends in weather

The purpose of this section is to demonstrate the impacts of climate change on local weather patterns within the Endeavour Energy distribution network. This is done by looking at trends in extreme temperatures over time at select weather stations within the network region. If average temperatures have been increasing over time, and there is evidence that these long-term trends will continue, this will increase electricity demands associated with temperature load as air conditioners and related equipment as used more intensively.

Long-term trends in the highest daily average temperature are shown in Figure A8.1 for the Bankstown Airport weather station. The figure shows both the actual highest daily average temperature and the underlying warming trend over 1969 to 2021. Highest daily average temperatures have been increasing at a rate of 0.05 degrees each summer.

The variation is historical average temperatures are used to estimate standards at the 10, 50, and 90 probability of exceedance levels.

Figure A8.1: Highest daily average temperature 1969 to 2021 – Bankstown Airport



The variation maximum demands for summer and winter principally depend upon:

- the ambient maximum temperature for a specific day(s); and
- the ambient minimum temperature overnight or in the previous day(s).

NIEIR's approach was to calculate the probabilities associated with different average daily temperatures. The average temperature was defined as the arithmetic average of the overnight minimum and the daily maximum. These probabilities are based on both weekday and weekend temperatures. The summer season was defined to November to March but exclude public holidays and 20 December to 20 January in each year. The most recent summer season POE levels are estimated by retrieving the percentile values from the actual series, with the underlying warming trend removed.

Table A8.1 shows the probability of exceedance standards for the Endeavour Energy distribution region for select weather stations. Typically, standardised temperatures are cooler in the Southern coastal area than the Sydney area of Endeavour Energy.

Table A8.1 Summer highest average temperature POE – 2021				
	POE 10	POE 50	POE 90	Period
Albion Park Wollongong Airport	30.9	29.6	27.0	2000 to 2021
Bankstown Airport AWS	33.4	30.8	28.8	1969 to 2021
Penrith Lakes AWS	34.0	31.4	28.8	1996 to 2021
Parramatta North Masons Drive	33.1	30.6	28.3	1968 to 2021

Weather standards will change over longer time periods as average temperatures increase. The POE 10, 50 and 90 weather standards have been forecast out to 2040 by applying the long-term trend increase at each respective weather station. Albion Park (Wollongong Airport) has been forecast using the average trend in itself and three adjacent weather stations. This has been done because of the shorter time period of data available. All active weather stations in the Wollongong area only have around 20 years of observations.

Table A8.2 Weather standards for Endeavour Energy region – 2021 to 2040

Weather station	POE	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Albion Park Wollongong Airport	10	30.9	31.0	31.1	31.2	31.3	31.4	31.5	31.5	31.6	31.7
	50	29.6	29.7	29.8	29.9	30.0	30.1	30.2	30.2	30.3	30.4
	90	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.8
Bankstown Airport AWS	10	33.4	33.5	33.5	33.6	33.6	33.7	33.7	33.7	33.8	33.8
	50	30.8	30.9	30.9	31.0	31.0	31.1	31.1	31.1	31.2	31.2
	90	28.8	28.9	28.9	29.0	29.0	29.0	29.1	29.1	29.2	29.2
Penrith Lakes AWS	10	34.0	34.0	34.1	34.1	34.2	34.2	34.3	34.3	34.4	34.4
	50	31.4	31.4	31.5	31.5	31.6	31.6	31.7	31.7	31.8	31.8
	90	28.8	28.8	28.9	28.9	29.0	29.0	29.1	29.1	29.2	29.2
Parramatta North Masons Drive	10	33.1	33.1	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.4
	50	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.8	30.8
	90	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.5	28.5	28.5
Weather station	**POE**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**
Albion Park Wollongong Airport	10	31.7	31.8	31.9	32.0	32.1	32.2	32.3	32.3	32.4	32.5
	50	30.4	30.5	30.6	30.7	30.8	30.9	31.0	31.0	31.1	31.2
	90	27.8	27.9	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.6
Bankstown Airport AWS	10	33.8	33.9	33.9	34.0	34.0	34.1	34.1	34.2	34.2	34.2
	50	31.2	31.3	31.3	31.4	31.4	31.5	31.5	31.6	31.6	31.6
	90	29.2	29.3	29.3	29.4	29.4	29.5	29.5	29.5	29.6	29.6
Penrith Lakes AWS	10	34.4	34.5	34.5	34.6	34.6	34.7	34.7	34.8	34.8	34.9
	50	31.8	31.9	31.9	32.0	32.0	32.1	32.1	32.2	32.2	32.3
	90	29.2	29.3	29.3	29.4	29.4	29.5	29.5	29.6	29.6	29.7
Parramatta North Masons Drive	10	33.4	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.6	33.6
	50	30.8	30.8	30.9	30.9	30.9	30.9	31.0	31.0	31.0	31.0
	90	28.5	28.5	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.8

A8.2 Demand impact from climate change

As average standard temperatures rise, there will be a corresponding increase in electricity demand within the Endeavour Energy network. The following table shows the demand impact out to 2040 from increasing temperatures evaluated at the Bankstown Airport weather station. This table applies the weather standards in Table A8.2 to the temperature sensitivity at 5:30pm as estimated through the PeakSim model. Temperature sensitivity has been trend forward out to 2040 at a rate of around 1.2 per cent per annum. Demand impacts are presented as cumulative from 2022. Each year represents an additional load of 8 to 10MW on the total Endeavour Energy network as a result of warming temperatures.

Table A8.3 Climate change impact on summer peak demand (MW)

Interval	2022	2023	2024	2025	2026	2027	2028	2029	2030
3:30 pm	8.3	16.7	25.1	33.7	42.4	51.2	60.1	69.1	78.2
4:00 pm	8.4	16.8	25.4	34.0	42.8	51.7	60.6	69.7	78.9
4:30 pm	8.4	17.0	25.7	34.4	43.3	52.2	61.3	70.5	79.8
5:00 pm	8.5	17.2	25.9	34.7	43.7	52.7	61.9	71.1	80.5
5:30 pm	8.1	16.3	24.6	33.0	41.5	50.1	58.8	67.7	76.6
6:00 pm	8.0	16.1	24.3	32.6	40.9	49.4	58.0	66.7	75.5
6:30 pm	7.6	15.4	23.2	31.1	39.1	47.2	55.4	63.7	72.1

Interval	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
3:30 pm	87.4	96.8	106.2	115.8	125.4	135.2	145.1	155.2	165.3	175.6
4:00 pm	88.2	97.6	107.1	116.8	126.5	136.4	146.4	156.5	166.7	177.1
4:30 pm	89.2	98.7	108.4	118.1	128.0	138.0	148.1	158.3	168.6	179.1
5:00 pm	90.0	99.6	109.3	119.2	129.1	139.2	149.4	159.7	170.1	180.7
5:30 pm	85.6	94.7	104.0	113.3	122.8	132.4	142.1	151.9	161.8	171.9
6:00 pm	84.4	93.4	102.5	111.7	121.1	130.5	140.1	149.7	159.5	169.4
6:30 pm	80.6	89.2	97.9	106.7	115.6	124.6	133.7	143.0	152.3	161.8