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Small-scale installations by postcode

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Every month the Clean Energy Regulator publishes small-scale renewable energy installation data files.

These data files provide a list of:

- small generation units (SGU) (small-scale solar panel, wind and hydro systems) and kilowatt (kW) capacity by installed postcode, and
- solar water heaters (SWH) and air source heat pumps by installed postcode.

This data is not publically available via the REC Registry and does not include certificates that are pending registration or have been failed by the Clean Energy Regulator.

Note: A 12 month creation period for registered persons to create small-scale technology certificates applies under the *Renewable Energy (Electricity) Act 2000*. Therefore the 2013 and 2014 figures will continue to rise due to the 12 month creation period.

Summary of postcode data

This data is current as at 6 January 2015.

Small-scale installations by installation year

There are a total of **2,257,534** small-scale installations.

Installation year	Hydro systems (Deemed)	Solar PV panel systems (Deemed)	Wind systems (Deemed)	Solar water heaters (including air source heat pumps)	Grand total
2001	3	118	18	10,075	10,214
2002	-	251	11	21,839	22,101
2003	-	664	13	28,653	29,330
2004	-	1,089	17	30,991	32,097
2005	-	1,406	11	33,964	35,381
2006	-	1,115	6	35,924	37,045
2007	-	3,480	12	50,977	54,469
2008	1	14,064	43	85,385	99,493
2009	5	62,916	58	194,695	257,674
2010	3	198,208	136	127,093	325,440
2011	1	360,745	44	105,050	465,840
2012	2	343,320	8	69,466	412,796
2013	2	200,381	3	58,298	258,708
2014	-	153,597	7	49,513	216,946
Grand total	17	1,341,354	387	901,923	2,257,534

Small generation unit (SGU) installations

	Installation quantity	Rated output (kW)
Solar photovoltaic (PV) panels	1,355,207	3,948,976
Wind	387	1,376
Hydro	17	34.1
Total SGU installations	1,355,611	3,950,387

Solar water heater (SWH) installations

	Installation quantity
Air source heat pumps	183,393
Solar water heaters	718,530
Total SWH installations	901,923

Installation numbers for small-scale systems by state/territory

S.G.U. - Hydro (Deemed)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
NSW	1	-	-	-	-	-	-	-	1	-	-	-	-	-	2
QLD	1	-	-	-	-	-	-	-	-	1	-	-	-	-	2
SA	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
TAS	-	-	-	-	-	-	-	-	1	-	1	2	2	-	6
VIC	1	-	-	-	-	-	-	-	2	2	-	-	-	-	5
WA	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Total	3	-	-	-	-	-	-	1	5	3	1	2	2	-	17

S.G.U. - Solar (Deemed)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
ACT	-	-	3	2	4	10	48	278	803	2,323	6,860	1,522	2,411	984
NSW	13	23	134	236	294	217	782	2,906	14,025	70,080	80,307	53,963	33,998	34,086
NT	6	8	10	22	35	23	26	88	215	637	401	513	1,024	912
QLD	33	78	150	333	341	196	482	3,092	18,289	48,699	95,303	130,254	71,196	54,558
SA	52	110	257	307	385	415	1,038	3,468	8,576	16,709	63,554	41,851	29,186	13,945
TAS	-	1	9	18	14	5	25	162	1,461	1,903	2,476	6,366	7,660	3,976
VIC	17	20	99	155	254	201	828	2,042	8,441	35,689	60,219	66,204	33,335	36,321
WA	11	22	15	33	90	54	263	2,072	11,169	22,307	51,670	42,657	21,600	22,039
Total	139	262	677	1,106	1,417	1,121	3,492	14,108	62,979	198,347	360,790	343,330	200,410	166,821

	Total 2001-2014
ACT	15,248
NSW	291,064
NT	3,920
QLD	423,011
SA	179,853
TAS	24,076
VIC	243,825
WA	174,002

Total	1,354,999
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S.G.U. - Wind (Deemed)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
NSW	-	-	-	1	3	1	3	16	16	92	35	2	-	1	170
QLD	6	7	-	5	2	1	7	5	6	1	-	2	-	-	42
SA	11	3	11	7	5	2	1	11	7	4	1	-	-	-	63
TAS	-	-	-	1	1	1	-	1	8	14	-	-	-	-	26
VIC	1	1	1	3	-	1	-	6	10	11	5	-	3	6	48
WA	-	-	1	-	-	-	1	4	11	14	3	4	-	-	38
Total	18	11	13	17	11	6	12	43	58	136	44	8	3	7	387

Solar Water Heater and Air Source Heat Pump (Deemed)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
ACT	70	254	434	516	448	202	453	1,001	1,974	960	1,038	734	453	371
NSW	1,966	4,722	7,231	7,870	8,196	7,648	8,765	20,203	85,456	38,525	25,331	10,810	9,144	8,433
NT	581	957	910	1,144	1,171	1,247	1,414	1,236	1,731	1,303	1,267	1,171	884	642
QLD	4,004	7,697	8,827	8,927	8,919	9,943	16,830	23,330	36,659	34,262	30,937	18,973	13,410	12,211
SA	667	1,886	3,533	3,022	3,193	2,416	2,869	5,103	8,794	6,812	5,444	3,473	2,983	1,373
TAS	26	97	168	160	218	139	350	906	2,269	1,433	1,725	899	827	776
VIC	554	1,398	1,475	1,800	2,729	4,728	9,157	21,208	42,120	27,733	26,446	21,594	19,608	16,208
WA	2,207	4,828	6,075	7,552	9,090	9,601	11,139	12,398	15,692	16,065	12,862	11,812	10,989	9,499
Total	10,075	21,839	28,653	30,991	33,964	35,924	50,977	85,385	194,695	127,093	105,050	69,466	58,298	49,513

	Total 2001-2014
ACT	8,908
NSW	244,300
NT	15,658
QLD	234,929
SA	51,568
TAS	9,993
VIC	196,758

WA	139,809
Total	901,923

Postcode data files

The postcode data files are displayed by month from 2013, with all data aggregated from 2001 to 2012. The Clean Energy Regulator will not provide any further analysis of the data provided.

The public Register of small-scale technology certificates (STCs) in the [REC Registry](#) allows users to search and view details of small-scale technology certificate creation.

Latest data

- [RET postcode data for December 2014 \(XLS 2060 KB\)](#)

Archived data

- [RET postcode data for November 2014 \(XLS 2060 KB\)](#)
- [RET postcode data for October 2014 \(XLS 2060 KB\)](#)
- [RET postcode data for September 2014 \(XLS 2060 KB\)](#)
- [RET postcode data for August 2014 \(XLS 2060 KB\)](#)
- [RET postcode data for July 2014 \(XLS 2060 KB\)](#)
- [RET postcode data for June 2014 \(XLS 1873 KB\)](#)
- [RET postcode data for May 2014 \(XLS 1873 KB\)](#)
- [RET postcode data for April 2014 \(XLS 1807 KB\)](#)
- [RET postcode data for March 2014 \(XLS 1731 KB\)](#)
- [RET postcode data for February 2014 \(XLS 1657 KB\)](#)
- [RET postcode data for January 2014 \(XLS 1568 KB\)](#)
- [RET postcode data for December 2013 \(XLS 2474 KB\)](#)
- [RET postcode data for November 2013 \(XLS 2400 KB\)](#)
- [RET postcode data for October 2013 \(XLS 2330 KB\)](#)
- [RET postcode data for September 2013 \(XLS 2305 KB\)](#)
- [RET postcode data for August 2013 \(XLSX 1345 KB\)](#)
- [RET postcode data for July 2013 \(XLS 2154 KB\)](#)
- [RET postcode data for June 2013 \(XLSX 1250 KB\)](#)
- [RET postcode data for May 2013 \(XLSX 1204 KB\)](#)
- [RET postcode data for April 2013 \(XLSX 1153 KB\)](#)
- [RET postcode data for March 2013 \(XLSX 1105 KB\)](#)
- [RET postcode data for February 2013 \(XLS 2741 KB\)](#)
- [RET postcode data for December 2012 \(XLS 2598 KB\)](#)
- [RET postcode data for November 2012 \(XLS 3445 KB\)](#)

Date last updated: 09 Jan 2015

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