

## Postcode data for small-scale installations

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RET

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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 publicly 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 5 June 2015.

#### Small-scale installations by installation year

There are a total of 2,341,475 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	200,407	3	58,299	258,711
2014	1	178,488	10	56,879	235,378
2015	-	50,431	2	15,073	65,506
Grand total	18	1,416,702	392	924,363	2,341,475

### Small generation unit (SGU) installations

	Installation quantity	Rated output (kW)
Solar photovoltaic (PV) panels	1,416,702	4,242,795
Wind	392	1,390
Hydro	18	38,105
Total SGU installations	1,417,112	4,244,222

### Solar water heater (SWH) installations

	Installation quantity
Air source heat pumps	187,056
Solar water heaters	737,307
Total SWH installations	924,363

### Installation numbers for small-scale systems by state/territory

#### Small generation unit - Hydro (deemed)

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

2013	-	-	-	-	-	2	-	-	2
2014	-	-	1	-	-	-	-	-	1
2015	-	-	-	-	-	-	-	-	-
Total	-	2	1	2	1	6	5	1	18

#### Small generation unit - Solar (deemed)

	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	Total
2001	-	12	6	33	41	-	15	11	118
2002	-	23	8	71	107	1	19	22	251
2003	3	134	10	150	246	9	98	14	664
2004	2	235	22	328	300	17	152	33	1,089
2005	4	291	35	339	380	13	254	90	1,406
2006	10	216	23	195	413	4	200	54	1,115
2007	48	779	26	475	1,037	25	828	262	3,480
2008	278	2,890	88	3,087	3,456	161	2,036	2,068	14,064
2009	803	14,008	215	18,283	8,569	1,452	8,429	11,157	62,916
2010	2,323	69,988	637	48,697	16,705	1,889	35,676	22,293	198,208
2011	6,860	80,272	401	95,303	63,553	2,475	60,214	51,667	360,745
2012	1,522	53,961	513	130,252	41,851	6,364	66,204	42,653	343,320
2013	2,411	33,998	1,024	71,197	29,187	7,658	33,332	21,600	200,407
2014	1,215	36,743	1,021	57,339	15,021	4,182	39,607	23,360	178,488
2015	358	11,944	353	14,644	4,055	635	10,958	7,484	50,431
Total	15,837	305,494	4,382	440,393	184,921	24,885	258,022	182,768	1,416,702

#### Small generation unit - Wind (deemed)

	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	Total
2001	-	-	-	6	11	-	1	-	18
2002	-	-	-	7	3	-	1	-	11
2003	-	-	-	-	11	-	1	1	13
2004	-	1	-	5	7	1	3	-	17
2005	-	3	-	2	5	1	-	-	11
2006	-	1	-	1	2	1	1	-	6
2007	-	3	-	7	1	-	-	1	12
2008	-	16	-	5	11	1	6	4	43
2009	-	16	-	6	7	8	10	11	58
2010	-	92	-	1	4	14	11	14	136
2011	-	35	-	-	1	-	5	3	44
2012	-	2	-	2	-	-	-	4	8
2013	-	-	-	-	-	-	3	-	3
2014	-	1	-	-	-	-	9	-	10
2015	-	-	-	-	-	-	2	-	2
Total	-	170	-	42	63	26	53	38	392

#### Solar Water Heater and Air Source Heat Pump (deemed)

	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	Total
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2001	70	1,966	581	4,004	667	26	554	2,207	10,075
2002	254	4,722	957	7,697	1,886	97	1,398	4,828	21,839
2003	434	7,231	910	8,827	3,533	168	1,475	6,075	28,653
2004	516	7,870	1,144	8,927	3,022	160	1,800	7,552	30,991
2005	448	8,196	1,171	8,919	3,193	218	2,729	9,090	33,964
2006	202	7,648	1,247	9,943	2,416	139	4,728	9,601	35,924
2007	453	8,765	1,414	16,830	2,869	350	9,157	11,139	50,977
2008	1,001	20,203	1,236	23,330	5,103	906	21,208	12,398	85,385
2009	1,974	85,456	1,731	36,659	8,794	2,269	42,120	15,692	194,695
2010	960	38,525	1,303	34,262	6,812	1,433	27,733	16,065	127,093
2011	1,038	25,331	1,267	30,937	5,444	1,725	26,446	12,862	105,050
2012	734	10,810	1,171	18,973	3,473	899	21,594	11,812	69,466
2013	453	9,145	884	13,410	2,983	827	19,608	10,989	58,299
2014	437	9,435	861	13,273	1,862	951	19,489	10,571	56,879
2015	118	2,309	157	3,502	496	187	5,009	3,295	15,073
Total	9,092	247,612	16,034	239,493	55,553	10,355	205,048	144,176	924,363

## Postcode data files

The postcode data files are displayed by month from 2014, with all data aggregated from 2001 to 2013. 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-data-0615](#)

## Archived data

- [RET postcode data for May 2015 \(XLS 1849 KB\)](#)
- [RET postcode data for April 2015 \(XLS 1732 KB\)](#)
- [RET postcode data for March 2015 \(XLS 1732 KB\)](#)
- [RET postcode data for February 2015 \(XLS 1732 KB\)](#)
- [RET postcode data for January 2015 \(XLS 1613 KB\)](#)
- [RET postcode data for December 2014 \(XLS 2060 KB\)](#)
- [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 \(XLS 3445 KB\)](#)

