

Table 10.7 Solar Thermal Collector Shipments by Market Sector, End Use, and Type, 2001-2009
(Thousand Square Feet)

Year and Type	By Market Sector					By End Use							Total
	Residential	Commercial ¹	Industrial ²	Electric Power ³	Other ⁴	Pool Heating	Water Heating	Space Heating	Space Cooling	Combined Heating ⁵	Process Heating	Electricity Generation	
Total Shipments⁶													
2001 Total	10,125	1,012	17	1	35	10,797	274	70	0	12	34	2	11,189
Low ⁷	9,885	987	12	0	34	10,782	42	61	0	0	34	0	10,919
Medium ⁸	240	24	5	0	1	16	232	9	0	12	0	0	268
High ⁹	0	1	0	1	0	0	0	0	0	0	0	2	2
2002 Total	11,000	595	62	4	1	11,073	423	146	(s)	17	4	0	11,663
Low ⁷	10,519	524	2	0	0	11,045	1	0	0	0	0	0	11,046
Medium ⁸	481	69	60	4	1	28	422	146	(s)	15	4	0	615
High ⁹	0	2	0	0	0	0	0	0	0	2	0	0	2
2003 Total	10,506	864	71	0	2	10,800	511	76	(s)	23	34	0	11,444
Low ⁷	9,993	813	71	0	0	10,778	0	65	0	0	34	0	10,877
Medium ⁸	513	44	0	0	2	22	511	11	(s)	16	0	0	560
High ⁹	0	7	0	0	0	0	0	0	0	7	0	0	7
2004 Total	12,864	1,178	70	0	3	13,634	452	13	0	16	0	0	14,115
Low ⁷	12,386	1,178	44	0	0	13,600	0	8	0	0	0	0	13,608
Medium ⁸	478	0	26	0	3	33	452	5	0	16	0	0	506
High ⁹	0	0	0	0	0	0	0	0	0	0	0	0	0
2005 Total	14,681	1,160	31	114	56	15,041	640	228	2	16	0	114	16,041
Low ⁷	14,045	1,099	30	0	50	15,022	12	190	0	0	0	0	15,224
Medium ⁸	636	58	1	0	6	20	628	38	0	16	0	0	702
High ⁹	0	2	0	114	0	0	0	0	2	0	0	114	115
2006 Total	15,123	1,626	42	3,845	107	15,362	1,136	330	3	66	0	3,847	20,744
Low ⁷	13,906	1,500	40	0	100	15,225	10	290	0	21	0	0	15,546
Medium ⁸	1,217	120	2	0	7	137	1,126	40	3	38	0	2	1,346
High ⁹	0	7	0	3,845	0	0	0	0	0	7	0	3,845	3,852
Domestic Shipments⁶													
2007 Total	12,799	931	46	1	-	12,076	1,393	189	13	73	27	6	13,777
Low ⁷	11,352	633	-	1	-	11,917	4	63	-	-	-	1	11,986
Medium ⁸	1,447	298	18	-	-	158	1,389	126	13	73	-	5	1,764
High ⁹	-	(s)	27	-	-	-	(s)	-	-	-	27	-	27
2008 Total	13,000	1,294	128	294	-	11,973	1,978	186	18	148	50	361	14,716
Low ⁷	10,983	918	-	-	-	11,880	8	10	-	2	-	-	11,900
Medium ⁸	2,017	376	33	6	-	93	1,971	176	18	141	21	12	2,432
High ⁹	-	-	95	289	-	-	-	-	-	5	29	349	383
2009 Total	10,239	974	634	374	-	8,934	1,992	150	10	137	608	389	12,221
Low ⁷	8,423	526	11	-	-	8,882	7	61	-	9	-	-	8,959
Medium ⁸	1,816	439	29	-	-	52	1,985	89	(s)	128	14	15	2,284
High ⁹	-	10	594	374	-	-	-	-	10	-	594	374	978

¹ Through 2006, data are for the commercial sector, excluding government, which is included in "Other." Beginning in 2007, data are for the commercial sector, including government.

² Through 2006, data are for the industrial sector and independent power producers. Beginning in 2007, data are for the industrial sector only; independent power producers are included in "Electric Power."

³ Through 2006, data are for electric utilities only; independent power producers are included in "Industrial." Beginning in 2007, data are for electric utilities and independent power producers.

⁴ Through 2006, data are for other sectors such as government, including the military, but excluding space applications. Beginning in 2007, data are for the transportation sector.

⁵ Combined space and water heating.

⁶ Through 2006, data are for domestic and export shipments, and may include imports that subsequently were shipped to domestic or foreign customers. Beginning in 2007, data are for domestic shipments only.

⁷ Low-temperature collectors are solar thermal collectors that generally operate at temperatures below 110° F.

⁸ Medium-temperature collectors are solar thermal collectors that generally operate in the temperature

range of 140° F to 180° F, but can also operate at temperatures as low as 110° F. Special collectors are included in this category. Special collectors are evacuated tube collectors or concentrating (focusing) collectors. They operate in the temperature range from just above ambient temperature (low concentration for pool heating) to several hundred degrees Fahrenheit (high concentration for air conditioning and specialized industrial processes).

⁹ High-temperature collectors are solar thermal collectors that generally operate at temperatures above 180° F. These are parabolic dish/trough collectors used primarily by the electric power sector to generate electricity for the electric grid.

- =No data reported. (s)=Less than 0.5 thousand square feet.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: For related information, see <http://www.eia.gov/renewable/>.

Sources: • 2000-2002—U.S. Energy Information Administration (EIA), *Renewable Energy Annual*, annual reports, and Form EIA-63A, "Annual Solar Thermal Collector Manufacturers Survey." • 2003 forward—EIA, *Solar Thermal Collector Manufacturing Activities* (and predecessor reports), annual reports, and Form EIA-63A, "Annual Solar Thermal Collector Manufacturers Survey."