

**Table 10.6 Solar Thermal Collector Shipments by End Use, Market Sector, and Type, 2006**  
(Thousand Square Feet)

| End Use                                | Low-Temperature Collectors <sup>1</sup> | Medium-Temperature Collectors <sup>2</sup> | High-Temperature Collectors <sup>3</sup> | Total         |
|--|---|--|--|---------------|
| <b>End-Use Total</b> .....             | <b>15,546</b>                           | <b>1,346</b>                               | <b>3,852</b>                             | <b>20,744</b> |
| Pool Heating .....                     | 15,225                                  | 137  | 0  | 15,362        |
| Water Heating .....                    | 10                                      | 1,126                                      | 0  | 1,136         |
| Space Heating .....                    | 290                                     | 40   | 0  | 330           |
| Space Cooling .....                    | 0                                       | 3  | 0  | 3             |
| Combined Space and Water Heating ..... | 21                                      | 38   | 7  | 66            |
| Process Heating .....                  | 0                                       | 0  | 0  | 0             |
| Electricity Generation .....           | 0                                       | 2  | 3,845                                    | 3,847         |
| Other <sup>4</sup> .....               | 0                                       | 0  | 0  | 0             |
| <b>Market Sector Total</b> .....       | <b>15,546</b>                           | <b>1,346</b>                               | <b>3,852</b>                             | <b>20,744</b> |
| Residential .....                      | 13,906                                  | 1,217                                      | 0  | 15,123        |
| Commercial .....                       | 1,500                                   | 120  | 7  | 1,626         |
| Industrial <sup>5</sup> .....          | 40                                      | 2  | 0  | 42            |
| Electric Utility .....                 | 0                                       | 0  | 3,845                                    | 3,845         |
| Other <sup>6</sup> .....               | 100                                     | 7  | 0  | 107           |

<sup>1</sup> Low-temperature collectors are solar thermal collectors that generally operate at temperatures below 110° F.

<sup>2</sup> 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).

<sup>3</sup> High-temperature collectors are solar thermal collectors that generally operate at temperatures above 180° F. These are parabolic dish/trough collectors used primarily by independent power producers to

generate electricity for the electric grid.

<sup>4</sup> Cooking, water pumping, water purification, desalinization, distillation, and other uses.

<sup>5</sup> Includes all independent power producers.

<sup>6</sup> Other sectors, such as government, including the military but excluding space applications.

Notes: • Data are for domestic and export shipments, and may include imports that subsequently were shipped to domestic or foreign customers. • Totals may not equal sum of components due to independent rounding.

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

Source: Energy Information Administration, *Solar Thermal and Photovoltaic Collector Manufacturing Activities 2006* (October 2007), Table 2.10.