

U.S. Department of Energy  
Energy Information Administration  
Form EIA-63A

**ANNUAL SOLAR THERMAL COLLECTOR MANUFACTURERS SURVEY**

This report is **mandatory** under the Federal Energy Administration Act of 1974 (Public Law 93-275). Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For further information concerning sanctions and data protections, see the sanction provision and the provisions concerning the confidentiality of information in the Instructions. **Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction.**

**THE REPORTING PERIOD FOR THIS SURVEY IS THE CALENDAR YEAR \_\_\_\_\_**

For glossary and instructions, please refer to the instructions for this form.

**1.0 IDENTIFICATION DATA**

1.1 Respondent Identification:	<Company Name>	<Company ID>
Current Address of Principal Business Office		Current Address of Preparer's Office (If different than principal address)
(a) Street Address: _____		(a) Street Address: _____
(b) City: _____		(b) City: _____
(c) State/U.S. territory or possession: _____		(c) State/U.S. territory or possession: _____
(d) Zip Code: _____		(d) Zip Code: _____

1.2 Provide the name, title, and contact information for the principal people in your company to whom questions should be addressed regarding this submission.

(a) Preparer's Supervisor Name: _____	(a) Preparer's Name: _____
(b) Title: _____	(b) Title: _____
(c) Telephone: _____	(c) Telephone: _____
(d) Fax: _____	(d) Fax: _____
(e) E-mail: _____	(e) E-mail: _____

**2.0 MANUFACTURING STATUS**

2.1 During the current reporting period, did your company: (Mark as appropriate)

(a) Manufacture and ship solar thermal collectors?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(b) Cease manufacturing but continue to ship solar thermal collectors?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(c) Import and ship solar thermal collectors?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(d) Manufacture and export solar thermal collectors?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

*Note: If you answered "Yes" to any part of question 2.1, please complete the remainder of this form. If you answered "No" to all parts of question 2.1, please complete questions 2.2 & 7.0 and submit this form electronically using EIA's secure Internet Data Collection (IDC) system.*

2.2 If you answered "No" to all parts of question 2.1, do you plan to manufacture, import, export, or ship solar thermal collectors in the future?  
If yes, when? \_\_\_\_\_ (year)  Yes  No

**3.0 MANUFACTURER AND MARKETING DATA**

3.1 Mark the appropriate box or boxes to indicate all the solar-related activities in which your company was engaged during the survey year. Mark only those that apply to your solar-related activities.

- (a)  Collector manufacturing
- (b)  Collector or system design
- (c)  Prototype collector development
- (d)  Prototype systems development
- (e)  Wholesale distribution
- (f)  Retail distribution
- (g)  Installation
- (h)  Manufacture of system-components other than those used for collector assembly
- (i)  Other (describe): \_\_\_\_\_

3.2 If you are planning to introduce a new solar-related product in the next calendar year, please check the appropriate box.

- (a)  Low-Temperature Collector
- (b)  Medium-Temperature Collector
- (c)  High-Temperature Collector
- (d)  Noncollector Solar System Components
- (e)  Other (describe): \_\_\_\_\_

3.3 Please enter the number of person-years expended in your company in solar-related activities during the survey year.  
\_\_\_\_\_ person-years (For clarification of "person-year" see the instructions.)

3.4 What percentage of your company's total sales revenue do solar-related activities compose?

- (a)  90 - 100%
- (b)  50 - 89%
- (c)  10 - 49%
- (d)  Less than 10%

Company Name:

Reporting Period (Calendar Year )

**4.0 SOLAR THERMAL COLLECTOR-DATA.** For each type of collector manufactured or imported, and shipped, enter the data for this reporting period.

ITEM	COLLECTOR TYPE								
	Low Temperature	Medium Temperature					High Temperature	Other (Specify)	Total
	(Liquid and Air)	Air	Liquid			Parabolic Dish/ Trough			
	Metallic and Nonmetallic (a)	All Medium Temperature (b)	Integral Collector Storage/ Thermosiphon (c)	Flat Plate (pumped) (d)	Concentrator (e)		Evacuated Tube (f)	(g)	(h)
4.1 Total Collector Shipments (square feet)									
4.2 Total Value of Collector Shipments in 4.1 (dollars)									
4.3 Average Thermal Performance Rating of Collector in 4.1 (Btu/(ft <sup>2</sup> day)									
<b>4.4 Domestic Shipments by Sector (square feet)</b>									
(1) Residential									
(2) Commercial									
(3) Industrial									
(4) Electric Power									
(5) Transportation									
(6) Total domestic shipments by sector*									
<b>4.5 Domestic Shipments by End Use (square feet)</b>									
(1) Pool heating									
(2) Hot water									
(3) Space heating									
(4) Combined space and water heating									
(5) Space cooling									
(6) Process heating									
(7) Electricity generation									
(8) Total domestic shipments by end use*									
4.6 Imports (square feet of total in 4.1)									
4.7 Exports (square feet of total in 4.1)									

\* Domestic shipments equal to total collector shipments in item 4.1 minus exports in item 4.7.



4.10 Domestic Shipments by Customer Type (square feet).

Square feet  
(Domestic Shipments)

- (a) Exporters \_\_\_\_\_
- (b) Wholesale Distributors \_\_\_\_\_
- (c) Retail Distributors \_\_\_\_\_
- (d) Installers \_\_\_\_\_
- (e) End-Users \_\_\_\_\_
  
- TOTAL** \_\_\_\_\_

5.0 SYSTEMS DATA

- 5.1 Of the collector shipments reported in question 4.1 (i), how many complete systems were shipped \_\_\_\_\_ (number of systems)?
- 5.2 Of the collector shipments reported in question 4.1 (i), enter the square footage that was sold as part of complete systems \_\_\_\_\_ (square feet).
- 5.3 What was the value of complete systems shipped in question 5.1 \_\_\_\_\_ (dollars)?

6.0 GEOGRAPHIC DATA

6.1 Please check the box for each State/U.S. territory or possession in which you manufactured/imported. Report the square footage of your company's collectors manufactured in the State/U.S. territory or possession listed below under Code 01-78, this indicates manufacture from the State/U.S. territory or possession. If some collectors were imported from another country, please indicate under Code 00 the square footage imported and report details about the country of import in question 4.8.

State Code	Collectors Imported or Manufactured in the State (Square Feet)	State Code	Collectors Imported or Manufactured in the State (Square Feet)	State Code	Collectors Imported or Manufactured in the State (Square Feet)
00 <input type="checkbox"/>	Imported _____	22 <input type="checkbox"/>	Louisiana _____	41 <input type="checkbox"/>	Oregon _____
01 <input type="checkbox"/>	Alabama _____	23 <input type="checkbox"/>	Maine _____	42 <input type="checkbox"/>	Pennsylvania _____
02 <input type="checkbox"/>	Alaska _____	24 <input type="checkbox"/>	Maryland _____	44 <input type="checkbox"/>	Rhode Island _____
04 <input type="checkbox"/>	Arizona _____	25 <input type="checkbox"/>	Massachusetts _____	45 <input type="checkbox"/>	South Carolina _____
05 <input type="checkbox"/>	Arkansas _____	26 <input type="checkbox"/>	Michigan _____	46 <input type="checkbox"/>	South Dakota _____
06 <input type="checkbox"/>	California _____	27 <input type="checkbox"/>	Minnesota _____	47 <input type="checkbox"/>	Tennessee _____
08 <input type="checkbox"/>	Colorado _____	28 <input type="checkbox"/>	Mississippi _____	48 <input type="checkbox"/>	Texas _____
09 <input type="checkbox"/>	Connecticut _____	29 <input type="checkbox"/>	Missouri _____	49 <input type="checkbox"/>	Utah _____
10 <input type="checkbox"/>	Delaware _____	30 <input type="checkbox"/>	Montana _____	50 <input type="checkbox"/>	Vermont _____
11 <input type="checkbox"/>	D.C. _____	31 <input type="checkbox"/>	Nebraska _____	51 <input type="checkbox"/>	Virginia _____
12 <input type="checkbox"/>	Florida _____	32 <input type="checkbox"/>	Nevada _____	53 <input type="checkbox"/>	Washington _____
13 <input type="checkbox"/>	Georgia _____	33 <input type="checkbox"/>	New Hampshire _____	54 <input type="checkbox"/>	West Virginia _____
15 <input type="checkbox"/>	Hawaii _____	34 <input type="checkbox"/>	New Jersey _____	55 <input type="checkbox"/>	Wisconsin _____
16 <input type="checkbox"/>	Idaho _____	35 <input type="checkbox"/>	New Mexico _____	56 <input type="checkbox"/>	Wyoming _____
17 <input type="checkbox"/>	Illinois _____	36 <input type="checkbox"/>	New York _____	60 <input type="checkbox"/>	American Samoa _____
18 <input type="checkbox"/>	Indiana _____	37 <input type="checkbox"/>	North Carolina _____	66 <input type="checkbox"/>	Guam _____
19 <input type="checkbox"/>	Iowa _____	38 <input type="checkbox"/>	North Dakota _____	72 <input type="checkbox"/>	Puerto Rico _____
20 <input type="checkbox"/>	Kansas _____	39 <input type="checkbox"/>	Ohio _____	78 <input type="checkbox"/>	Virgin Islands (U.S.) _____
21 <input type="checkbox"/>	Kentucky _____	40 <input type="checkbox"/>	Oklahoma _____	<input type="checkbox"/>	Other U.S. territory or possession (Specify) _____

**Total** \_\_\_\_\_

6.2 Please check the box for each State/U.S. territory or possession to which you shipped/exported. Report the square footage of your company's collectors shipped to the State/U.S. territory or possession listed below under Code 01-78, this indicates shipments to the State/U.S. territory or possession. If some collectors were exported to another country, please indicate under Code 00 the square footage exported and report details about the country of export in question 4.9.

State Code	Collectors Exported or Shipped to a State (Square Feet)	State Code	Collectors Exported or Shipped to a State (Square Feet)	State Code	Collectors Exported or Shipped to a State (Square Feet)
00	<input type="checkbox"/> Exported _____	22	<input type="checkbox"/> Louisiana _____	41	<input type="checkbox"/> Oregon _____
01	<input type="checkbox"/> Alabama _____	23	<input type="checkbox"/> Maine _____	42	<input type="checkbox"/> Pennsylvania _____
02	<input type="checkbox"/> Alaska _____	24	<input type="checkbox"/> Maryland _____	44	<input type="checkbox"/> Rhode Island _____
04	<input type="checkbox"/> Arizona _____	25	<input type="checkbox"/> Massachusetts _____	45	<input type="checkbox"/> South Carolina _____
05	<input type="checkbox"/> Arkansas _____	26	<input type="checkbox"/> Michigan _____	46	<input type="checkbox"/> South Dakota _____
06	<input type="checkbox"/> California _____	27	<input type="checkbox"/> Minnesota _____	47	<input type="checkbox"/> Tennessee _____
08	<input type="checkbox"/> Colorado _____	28	<input type="checkbox"/> Mississippi _____	48	<input type="checkbox"/> Texas _____
09	<input type="checkbox"/> Connecticut _____	29	<input type="checkbox"/> Missouri _____	49	<input type="checkbox"/> Utah _____
10	<input type="checkbox"/> Delaware _____	30	<input type="checkbox"/> Montana _____	50	<input type="checkbox"/> Vermont _____
11	<input type="checkbox"/> D.C. _____	31	<input type="checkbox"/> Nebraska _____	51	<input type="checkbox"/> Virginia _____
12	<input type="checkbox"/> Florida _____	32	<input type="checkbox"/> Nevada _____	53	<input type="checkbox"/> Washington _____
13	<input type="checkbox"/> Georgia _____	33	<input type="checkbox"/> New Hampshire _____	54	<input type="checkbox"/> West Virginia _____
15	<input type="checkbox"/> Hawaii _____	34	<input type="checkbox"/> New Jersey _____	55	<input type="checkbox"/> Wisconsin _____
16	<input type="checkbox"/> Idaho _____	35	<input type="checkbox"/> New Mexico _____	56	<input type="checkbox"/> Wyoming _____
17	<input type="checkbox"/> Illinois _____	36	<input type="checkbox"/> New York _____	60	<input type="checkbox"/> American Samoa _____
18	<input type="checkbox"/> Indiana _____	37	<input type="checkbox"/> North Carolina _____	66	<input type="checkbox"/> Guam _____
19	<input type="checkbox"/> Iowa _____	38	<input type="checkbox"/> North Dakota _____	72	<input type="checkbox"/> Puerto Rico _____
20	<input type="checkbox"/> Kansas _____	39	<input type="checkbox"/> Ohio _____	78	<input type="checkbox"/> Virgin Islands (U.S.) _____
21	<input type="checkbox"/> Kentucky _____	40	<input type="checkbox"/> Oklahoma _____		<input type="checkbox"/> Other U.S. territory or possession (Specify) _____
<b>Total</b> _____					

7.0 **COMMENTS** – Enter comments in the space provided.