

Form EIA-63A  
U.S. DEPARTMENT OF ENERGY  
Energy Information Administration  
**ANNUAL SOLAR THERMAL COLLECTOR MANUFACTURERS SURVEY**

This report is mandatory under FEA Act of 1974 (Public Law 93-275) and the Department of Energy Organization Act (Public Law 95-91). Provisions regarding sanctions are described in Part V, page 1 of the instructions. For the provisions concerning the confidentiality of information submitted on this form, see Part VI of the instructions. *Public reporting burden for this collection of information is estimated to average 3 hours per response* including the time reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Energy Information Administration, Office of Statistical Standards, EI-70, 1000 Independence Ave., SW, Washington, D.C. 20585-0670, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

**THE REPORTING PERIOD FOR THIS SURVEY IS THE CALENDAR YEAR 2003**

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

**1.0 IDENTIFICATION DATA**

**1.1 Respondent Identification**

Complete (a) through (d) only if label is incorrect

(a) Company Name: \_\_\_\_\_

(b) Street Address: \_\_\_\_\_  
\_\_\_\_\_

(c) City: \_\_\_\_\_

(d) State and Zip Code: \_\_\_\_\_

**1.2 Provide the name, title, and telephone number of a person in your company to whom questions may be addressed regarding this submission.**

(a) Name: \_\_\_\_\_ (c) Telephone: \_\_\_\_\_  
Area Code Number

(b) Title: \_\_\_\_\_

**2.0 MANUFACTURING STATUS** (Please refer to the "Definitions" section in the instructions for key words.)

**2.1 During the current reporting period, did your company:**

(Mark as appropriate)

- (a) Manufacture and ship solar thermal collectors?  Yes  No
- (b) Cease manufacturing but continue to ship solar thermal collectors?  Yes  No
- (c) Import and ship solar thermal collectors?  Yes  No
- (d) Manufacture and export solar thermal collectors?  Yes  No

**2.2 If you answered "No" to all parts of question 2.1, do you plan to manufacture, import, export, and ship solar thermal collectors in the future? If yes, when? \_\_\_\_\_(year)**  Yes  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 question 7.0 and return this form in the enclosed envelope or to the address specified in the instructions.*

**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 activities.**

- (a)  Collector or system design
- (b)  Prototype collector development
- (c)  Prototype systems development
- (d)  Wholesale distribution
- (e)  Retail distribution
- (f)  Installation
- (g)  Manufacture of system-components other than those used for collector assembly
- (h)  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 volume do solar-related activities compose?**

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

Company Name:

Reporting Period (Calendar Year 2003)

**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								Total (i)
	Low Temperature	Medium Temperature				High Temperature	Other (Specify) (h)		
	(Liquid and Air)	Air	Liquid						
	Metallic and Nonmetallic (a)	All Medium Temperature (b)	Integral Collector Storage/Thermosiphon (c)	Flat Plate (pumped) (d)	Concentrator (e)	Evacuated Tube (f)	Parabolic Dish/Trough (g)		
4.1 Total Collector Shipments (square feet)									
4.2 Total Value of Collector Shipments in 4.1 (dollars)									
<b>4.3 Market Sector (square feet)</b>									
(1) Residential									
(2) Commercial									
(3) Industrial									
(4) Utility									
(5) Other (describe)									
(6) Total market sector*									
<b>4.4 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) Other (describe)									
(9) Total end use*									
4.5 Imports (square feet of total in 4.1)									
4.6 Exports (square feet of total in 4.1)									
4.7 List Country(ies) of Origin of Imports in 4.5									
4.8 List Country(ies) of Destination for Exports with Percent of Exports in 4.6		( %)		( %)		( %)		( %)	
		( %)		( %)		( %)		( %)	
* Should equal total shipments in Question 4.1(3).		( %)		( %)		( %)		( %)	

4.9 Enter the square footage of collectors from question 4.1 (i) that were shipped to

Square feet

(From 4.1 (i))

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

**5.0 SYSTEMS DATA**

5.1 Of the total 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 in which you manufactured. If you imported collectors also mark the "Imported" (Code 00) box. Then report the percentage (%) of your company's collectors manufactured/imported. Report the percentage (%) of your company's collectors manufactured in the State listed below under Code 01-53. If some collectors were imported from another country, please indicate the percentage under Code 00.

State Code	% Collectors Imported or Manufactured in the State	State Code	% Collectors Imported or Manufactured in the State	State Code	% Collectors Imported or Manufactured in the State
00	<input type="checkbox"/> Imported _____	18	<input type="checkbox"/> Kentucky _____	36	<input type="checkbox"/> Ohio _____
01	<input type="checkbox"/> Alabama _____	19	<input type="checkbox"/> Louisiana _____	37	<input type="checkbox"/> Oklahoma _____
02	<input type="checkbox"/> Alaska _____	20	<input type="checkbox"/> Maine _____	38	<input type="checkbox"/> Oregon _____
03	<input type="checkbox"/> Arizona _____	21	<input type="checkbox"/> Maryland _____	39	<input type="checkbox"/> Pennsylvania _____
04	<input type="checkbox"/> Arkansas _____	22	<input type="checkbox"/> Massachusetts _____	40	<input type="checkbox"/> Puerto Rico _____
05	<input type="checkbox"/> California _____	23	<input type="checkbox"/> Michigan _____	41	<input type="checkbox"/> Rhode Island _____
06	<input type="checkbox"/> Colorado _____	24	<input type="checkbox"/> Minnesota _____	42	<input type="checkbox"/> South Carolina _____
07	<input type="checkbox"/> Connecticut _____	25	<input type="checkbox"/> Mississippi _____	43	<input type="checkbox"/> South Dakota _____
08	<input type="checkbox"/> Delaware _____	26	<input type="checkbox"/> Missouri _____	44	<input type="checkbox"/> Tennessee _____
09	<input type="checkbox"/> D.C. _____	27	<input type="checkbox"/> Montana _____	45	<input type="checkbox"/> Texas _____
10	<input type="checkbox"/> Florida _____	28	<input type="checkbox"/> Nebraska _____	46	<input type="checkbox"/> Utah _____
11	<input type="checkbox"/> Georgia _____	29	<input type="checkbox"/> Nevada _____	47	<input type="checkbox"/> Vermont _____
12	<input type="checkbox"/> Hawaii _____	30	<input type="checkbox"/> New Hampshire _____	48	<input type="checkbox"/> Virgin Islands (U.S.) _____
13	<input type="checkbox"/> Idaho _____	31	<input type="checkbox"/> New Jersey _____	49	<input type="checkbox"/> Virginia _____
14	<input type="checkbox"/> Illinois _____	32	<input type="checkbox"/> New Mexico _____	50	<input type="checkbox"/> Washington _____
15	<input type="checkbox"/> Indiana _____	33	<input type="checkbox"/> New York _____	51	<input type="checkbox"/> West Virginia _____
16	<input type="checkbox"/> Iowa _____	34	<input type="checkbox"/> North Carolina _____	52	<input type="checkbox"/> Wisconsin _____
17	<input type="checkbox"/> Kansas _____	35	<input type="checkbox"/> North Dakota _____	53	<input type="checkbox"/> Wyoming _____

**Total Percentage \_\_\_\_\_ % (should amount to 100%)**

6.2 Please check the box for each State in which you shipped. If you exported collectors also mark the "Exported" (Code 00) box. Then report the percentage (%) of your company's collector's shipped/exported. Report the percentage (%) of your company's collectors likely to have been shipped to the States listed below under Code 01-53, this indicates shipments to the State of manufacture.

State Code	% Collectors Exported or Shipped to the State	State Code	% Collectors Exported or Shipped to the State	State Code	% Collectors Exported or Shipped to the State
00	<input type="checkbox"/> Exported	18	<input type="checkbox"/> Kentucky	36	<input type="checkbox"/> Ohio
01	<input type="checkbox"/> Alabama	19	<input type="checkbox"/> Louisiana	37	<input type="checkbox"/> Oklahoma
02	<input type="checkbox"/> Alaska	20	<input type="checkbox"/> Maine	38	<input type="checkbox"/> Oregon
03	<input type="checkbox"/> Arizona	21	<input type="checkbox"/> Maryland	39	<input type="checkbox"/> Pennsylvania
04	<input type="checkbox"/> Arkansas	22	<input type="checkbox"/> Massachusetts	40	<input type="checkbox"/> Puerto Rico
05	<input type="checkbox"/> California	23	<input type="checkbox"/> Michigan	41	<input type="checkbox"/> Rhode Island
06	<input type="checkbox"/> Colorado	24	<input type="checkbox"/> Minnesota	42	<input type="checkbox"/> South Carolina
07	<input type="checkbox"/> Connecticut	25	<input type="checkbox"/> Mississippi	43	<input type="checkbox"/> South Dakota
08	<input type="checkbox"/> Delaware	26	<input type="checkbox"/> Missouri	44	<input type="checkbox"/> Tennessee
09	<input type="checkbox"/> D.C.	27	<input type="checkbox"/> Montana	45	<input type="checkbox"/> Texas
10	<input type="checkbox"/> Florida	28	<input type="checkbox"/> Nebraska	46	<input type="checkbox"/> Utah
11	<input type="checkbox"/> Georgia	29	<input type="checkbox"/> Nevada	47	<input type="checkbox"/> Vermont
12	<input type="checkbox"/> Hawaii	30	<input type="checkbox"/> New Hampshire	48	<input type="checkbox"/> Virgin Islands (U.S.)
13	<input type="checkbox"/> Idaho	31	<input type="checkbox"/> New Jersey	49	<input type="checkbox"/> Virginia
14	<input type="checkbox"/> Illinois	32	<input type="checkbox"/> New Mexico	50	<input type="checkbox"/> Washington
15	<input type="checkbox"/> Indiana	33	<input type="checkbox"/> New York	51	<input type="checkbox"/> West Virginia
16	<input type="checkbox"/> Iowa	34	<input type="checkbox"/> North Carolina	52	<input type="checkbox"/> Wisconsin
17	<input type="checkbox"/> Kansas	35	<input type="checkbox"/> North Dakota	53	<input type="checkbox"/> Wyoming

**Total Percentage** \_\_\_\_\_ **% (should amount to 100%)**

**7.0 PUBLICATION DATA**

7.1 Do you want the name and address of your company to appear in the appendix of the next "Renewable Energy Annual" report?  Yes  No

7.2 Do you want to receive a free copy of the next "Renewable Energy Annual" report?  Yes  No