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, El-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

	NTIFICATION DATA	_				
1.1 Res	spondent Identification	Complete (a) thro	ough (d) only	if label is inco	orrect	
		(a) Company Nai	me:			
		(b) Street Addres	ss:			
		(c) City:				
		(d) State and Zip				
4 0 D	. Called the control of the conditional territory of the control o	, ,				
1.2 Pro	vide the name, title, and telephone number of a person in y	our company to whom	questions m	nay be addres	sed regarding t	this submission.
(a) N	Name:	(c) Telephone:	Area Code	Nur	nber	_
(b) T	Fitle:		7 lica dode	1101	ilbei	
2.0 MA	NUFACTURING STATUS (Please refer to the "Definitions"	section in the instructi	ions for key v	words.)		
2.1 Dur	ing the current reporting period, did your company:		-	(Mark as ap	ronriate)	
(a) N	Manufacture and ship solar thermal collectors?			□ Yes	□ No	
	Cease manufacturing but continue to ship solar thermal colle	ectors?		□ Yes	□ No	
(c) lı	mport and ship solar thermal collectors?			□ Yes	□ No	
(d) N	Manufacture and export solar thermal collectors?			□ Yes	□ No	
2.2 If yo	ou answered "No" to <i>all</i> parts of question 2.1, do you plan to	o manufacture,				
imp	ort, export, and ship solar thermal collectors in the future?	If yes, when?	(year)	□ Yes	□ No	
Note: If y	you answered "Yes" to any part of question 2.1, please complete the	e remainder of this form.				
If you ar	nswered "No" to all parts of question 2.1, please complete question 7	7.0 and return this form in	the enclosed	envelope or to t	he address speci	fied in the instruction
3.0 MA	NUFACTURER AND MARKETING DATA					
	rk the appropriate box or boxes to indicate all the solar-relat	ted activities in which y	our compan	y was engage	ed during the su	ırvey year.
(a)	Collector or system design Protety no collector development					
(b)	□ Prototype collector development					
(c) (d)	□ Prototype systems development□ Wholesale distribution					
` '	□ Retail distribution					
(e) (f)	☐ Installation					
(g)	 Manufacture of system-components other than those up 	read for collector asset	mhly			
(b)	☐ Other (describe):					
3.2 If yo	ou are planning to introduce a new solar-related product in t	the next calendar year	, please che	ck the approp	riate box.	
(a)	□ Low-Temperature Collector					
(b)	□ Medium-Temperature Collector					
(c)	☐ High-Temperature Collector					
(d)	□ Noncollector Solar System Components					
(e)	□ Other (describe):					
3 3 Dla	ase enter the number of person-years expended in your cor	mnany in solar-related	activities du	ring the surve	v vear	
	person-years (For clarification of "person-year" see		dollvillos da	ing the surve	y your.	
3.4 Wh	at percentage of your company's total sales volume do sola	ar-related activities cor	npose?			
	□ 90 - 100%					
(a) (b)	□ 50 - 100% □ 50 - 89%					
(c)	□ 10 - 49%					
(4)	☐ Less than 10%					

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

	COLLECTOR TYPE								
	Low Temperature			High Temperature	Other	T			
	(Liquid and Air)	iquid and Air) Air			juid		remperature	(Specify)	Total
	Metallic and Nonmetallic	All Medium Temperature	Integral Collector Storage/ Thermosiphon	Flat Plate (pumped)	Concentrator	Evacuated Tube	Parabolic Dish/ Trough		
ITEM	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
4.1 Total Collector Shipments (square feet)									
4.2 Total Value of Collector Shipments in 4.1 (dollars)									
4.3 Market Sector (square feet)									
(1) Residential									
(2) Commercial									
(3) Industrial									
(4) Utility									_
(5) Other (describe)									
(6) Total market sector*									
4.4 End Use (square feet)									
(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).			(a)	(%)		(%)		(%
		(9	%)	(%)		(%)		(%

		Squar	e feet				
		(From	4.1 (i))				
(a) Ex	porters						
. , .	•						
(b) vvr	nolesale Distributors						
(c) Re	tail Distributors						
(d) Ins	tallers						
(e) Fn	d-Users						
` ,	er (describe)						
()	(
<u>TOT</u>	<u>AL</u>						
	TEMS DATA						_
5.1 Of th	ne total collector shipments	reported in question 4	1.1 (i), how many co	omplete systems were ship	ope	d(number of systems)	?
5.2 Of the	ne collector shipments repor	rted in question 4.1 (i)	, enter the square f	footage that was sold as p	art (of complete systems	(square
,	at was the value of complete	a systems shipped in s	vuostion E 1	(dol	lo ro'	10	
.o vviia	it was the value of complete	s systems shipped in t	Juestion 5.1	(doi	ais,) !	
	OGRAPHIC DATA	o ototo in which you m	anufactured. If yo	u imported collectors also	mai	the "Imported" (Code 00) have	Then repor
6.1 Ple the	ease check the box for each e percentage (%) of your co	mpany's collectors ma	anufactured/import	ed. Report the percentage	e (%	k the "Imported" (Code 00) box. b) of your company's collectors mease indicate the percentage und	anufactured
6.1 Ple the the Sta	ease check the box for each e percentage (%) of your co	empany's collectors ma Code 01-53. If some conted	anufactured/import collectors were import % Collector or Man	ed. Report the percentage	e (% /, pl	b) of your company's collectors may	anufactured
Sta Co	ease check the box for each e percentage (%) of your co e State listed below under C	ompany's collectors ma Code 01-53. If some of orted d State Code	anufactured/import collectors were import % Collector or Man in the	ed. Report the percentage orted from another country ors Imported sufactured State Code	e (% /, pl e e	6) of your company's collectors mease indicate the percentage und % Collectors Imported or Manufactured in the State	anufactured er Code 00
Sta Co	ease check the box for each e percentage (%) of your co e State listed below under C	ompany's collectors ma Code 01-53. If some of orted d State Code	anufactured/import collectors were import % Collector or Man in the	ed. Report the percentage orted from another country ors Imported sufactured State Code	e (% /, pl e e	6) of your company's collectors mease indicate the percentage und % Collectors Imported or Manufactured in the State Ohio	anufactured er Code 00
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.1 Ple the the the co	ease check the box for each e percentage (%) of your co e State listed below under Comments or Manufacture of the state of	mpany's collectors mode 01-53. If some of corted and State Code	anufactured/import collectors were import % Collector from Man in the Kentucky Louisiana Maine Maryland_ Massachusetts_ Michigan_ Minnesota_ Mississippi Missouri_	ed. Report the percentage orted from another country ors Imported state State Code 36 37 38 39 40 41 42 43 44	e (% e e e = = = = = = = = = = = = = = = = =	of your company's collectors mease indicate the percentage und % Collectors Imported or Manufactured in the State OhioOklahomaOregonPennsylvaniaPuerto RicoRhode IslandSouth CarolinaSouth DakotaTennessee	anufactured er Code 00
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Sta Co 00	ease check the box for each e percentage (%) of your co e State listed below under Comments or Manufacture of Manufacture in the State of Manu	mpany's collectors may be code 01-53. If some of conted and State Code	anufactured/import collectors were import % Collector or Man in the Kentucky Louisiana Maine Maryland Massachusetts Michigan_ Minnesota_ Mississippi Missouri_ Montana Nebraska	ed. Report the percentage orted from another country ors Imported sufactured State Code 36 37 38 39 40 41 42 43 44 45 45	e (% pl	of your company's collectors mease indicate the percentage und % Collectors Imported or Manufactured in the State Ohio	anufacture er Code 00
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Sta Co Sta Co 00	ease check the box for each e percentage (%) of your co e State listed below under Comments or Manufacture of Manufacture in the State of Manu	mpany's collectors may be collected and state Code	anufactured/import collectors were import collectors collec	ed. Report the percentage orted from another country ors Imported sufactured State Code 36 37 38 39 40 41 42 43 44 45 45 46 47 48	e (%/, pl	of your company's collectors mease indicate the percentage und % Collectors Imported or Manufactured in the State Ohio	anufacture er Code 00
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6.1 Ple the the the the cool	ease check the box for each e percentage (%) of your co e State listed below under Comment of Manufacture of Manufacture in the State of Manuf	mpany's collectors may code 01-53. If some of conted and State Code 18	anufactured/import collectors were import collectors were imported for Man in the following for Man in the following for Manal for Massachusetts for Michigan for Michigan for Michigan for Mississippi for Missouri for Montana for Nebraska for New Hampshire for New Jersey for New York for Montan for Michigan for Missouri for Missouri for Missouri for Montana for Missouri fo	ed. Report the percentage orted from another country ors Imported sufactured State Code 36 37 38 39 40 41 42 43 44 45 45 46 46 47 48 49 50 50 51 52	e (%, pl	of your company's collectors mease indicate the percentage und % Collectors Imported or Manufactured in the State Ohio	anufacture er Code 00

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 repercentage (%) of your company's collector's shipped/exported. Report the percentage (%) of your company's collectors likely to have shipped to the States listed below under Code 01-53, this indicates shipments to the State of manufacture.						
		% Collectors Exported			% Collectors Exported		% Collectors Exported
	Sta		or Shipped	State	or Shipped	State	or Shipped
	Со	de	to the State	Code	to the State	Code	to the State
00	П	Evported		10 □	Kontuoky	26 □	Ohio
01					Louisiana		Oklahoma
02						3/ 🗆	Oregon
02					Maryland		
03					Massachusetts		
06							Rhode Island
07					MinnesotaMississippi		
08							South Dakota Tennessee
09							Texas
10					Nebraska		Utah
11						40 □	Vermont
12							Virgin Islands (U.S.)
13					New Jersey	40 □	Virginia
14					New Mexico	49 □	Washington
15							
16					North Carolina		Wisconsin
							Wyoming
''	_	ransas		33 _	North Bakota	55 🗀	vvyoninig
				Total Perce	entage% (should a	amount to 100	%)
7.0 P	UB	LICATION D	ATA				
7.1 Do you want the name and address of your company to appear in the appendix of the next "Renewable Energy Annual" report?						next	□ Yes □ No
7.2 Do you want to receive a free copy of the next "Renewable Energy Annual" report?							□ Yes □ No