

Form EIA-63B
U.S. DEPARTMENT OF ENERGY
Energy Information Administration
ANNUAL PHOTOVOLTAIC MODULE/CELL 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 photovoltaic modules/cells? Yes No
- (b) Cease manufacturing but continue to ship photovoltaic modules/cells? Yes No
- (c) Import and ship photovoltaic modules/cells? Yes No
- (d) Manufacture and export photovoltaic modules/cells? Yes No

2.2 If you answered "No" to all parts of question 2.1, do you plan to manufacture, import, export, and ship photovoltaic modules/cells 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 6.0 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.

- (1) Cell manufacturing
- (2) Module or system design
- (3) Prototype module development
- (4) Prototype systems development
- (5) Wholesale distribution of modules
- (6) Retail distribution of modules
- (7) Installation
- (8) Manufacture of system components-other than those used for module assembly
- (1) Other (describe): _____

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

- (1) Single-crystal silicon modules/cells
- (2) Cast silicon modules/cells
- (3) Ribbon silicon modules/cells
- (4) Amorphous silicon modules/cells
- (5) Other (thin film)-specify: _____
- (6) Other (flat plate)-specify: _____
- (7) Other (concentrator)-specify: _____
- (8) Nonmodule system components-specify: _____

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

Company Name:

Reporting Period (**Calendar Year 2003**)

4.0 PHOTOVOLTAIC CELL AND MODULE SHIPMENT DATA. For each type of collector manufactured or imported, and shipped, enter the data for this reporting period.

ITEM	MODULE/CELL TYPE							Total (h)
	Crystalline Silicon			Thin Film		Concentrator	Other	
	Single Crystal (Czochralsky) (a)	Cast (b)	Ribbon (c)	Amorphous Silicon (d)	Other (Specify) (e)	(f)	(Specify) (g)	
4.1 Total Collector Shipments (in peak kilowatts)								
(1) Total net module shipments								
(2) Total net cell shipments								
(3) Total quantity of shipments								
4.2 Value of Shipments (dollars)								
(1) Value of module shipments								
(2) Value of cell shipments								
(3) Total value of shipments								
4.3 End Use (in peak kilowatts)								
(1) Health								
(2) Water pumping								
(3) Transportation								
(4) Communication								
(5) Consumer goods								
(6) Electricity generation								
(a) Grid interactive								
(b) Other remote (stand alone)								
(7) To original equipment manufacturers (Non-PV)								
(8) Other users (specify):								
(9) Total end use*								
4.4 Market Sector (in peak kilowatts)								
(1) Government								
(2) Residential								
(3) Commercial								
(4) Industrial								
(5) Utility								
(6) Transportation								
(7) Other sectors (specify):								
(8) Total market sector*								
4.5 Imports (in peak kilowatts)								
(1) Modules								
(2) Cells								
(3) Total imports								
4.6 Exports (in peak kilowatts)								
(1) Modules								
(2) Cells								
(3) Total exports								
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 quantity (in peak kilowatts) of cells and modules reported in 4.1 (i) (h) and 4.1 (2) (h) that were shipped to

	Modules (From 4.1(1)(h))	Cells (From 4.1(2)(h))
(a) Exporters	_____	_____
(b) Module Manufacturers	XXXXXXXXXXXXX XXXXXXXXXXXXX	_____
(c) Wholesale Distributors	_____	_____
(d) Retail Distributors	_____	_____
(e) Installers	_____	_____
(f) End - Users	_____	_____
(g) Other (describe)	_____	_____
TOTAL	_____	_____

5.0 SYSTEMS DATA

5.1 Of the total modules shipped in 4.1 (1) (h), how many complete systems were shipped _____ (number of systems)?

5.2 Of the modules shipped in 4.1 (1) (h), enter the peak kilowatts that were sold as part of complete systems _____ (kilowatts)?

5.3 What was the value of complete systems shipped in question 5.1 _____ (dollars)?

6.0 PUBLICATION DATA

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

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