This report is mandatoryunder 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 provisions on

sanctions and the provisions concerning the confidentiality of information in the instructions. **Title 18 U.S.C. 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.**

**SCHEDULE 1: IDENTIFICATION**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Part A: Reporting Company Information** | | |  | |  | |
| 1.A.1 | Reporting Company ID |  |  | |  | |
| 1.A.2 | Reporting Company Name |  |  | |  | |
| 1.A.3 | Reporting Company URL |  |  | |  | |
| 1.A.4 | Reporting Company Street Address |  |  | |  | |
| 1.A.5 | Reporting Company Suite Address |  |  | |  | |
| 1.A.6 | Reporting Company City |  |  | |  | |
| 1.A.7 | Reporting Company State |  |  | |  | |
| 1.A.8 | Reporting Company Zip Code |  |  | |  | |
| 1.A.9 | Reporting Company Official Contact Name |  |  | |  | |
| 1.A.10 | Reporting Company Official Title |  |  | |  | |
| 1.A.11 | Reporting Company Official Phone |  |  | |  | |
| 1.A.12 | Reporting Company Official Fax |  |  | |  | |
| 1.A.13 | Reporting Company Official Email |  |  | |  | |
| **Part B: Survey Contact** | | | **Part C: Supervisor of Contact Person for Survey** | | | |
| 1.B.1 | Survey Contact ID |  | 1.C.1 | Company Supervisor ID | |  |
| 1.B.2 | Survey Contact Name |  | 1.C.2 | Company Supervisor Name | |  |
| 1.B.3 | Survey Contact Title |  | 1.C.3 | Company Supervisor Title | |  |
| 1.B.4 | Survey Contact Company URL |  | 1.C.4 | Company Supervisor Company URL | |  |
| 1.B.5 | Survey Contact Street Address |  | 1.C.5 | Company Supervisor Street Address | |  |
| 1.B.6 | Survey Contact Suite Address |  | 1.C.6 | Company Supervisor Suite Address | |  |
| 1.B.7 | Survey Contact City |  | 1.C.7 | Company Supervisor City | |  |
| 1.B.8 | Survey Contact State |  | 1.C.8 | Company Supervisor State | |  |
| 1.B.9 | Survey Contact Zip Code |  | 1.C.9 | Company Supervisor Zip Code | |  |
| 1.B.10 | Survey Contact Phone |  | 1.C.10 | Company Supervisor Phone | |  |
| 1.B.11 | Survey Contact Fax |  | 1.C.11 | Company Supervisor Fax | |  |
| 1.B.12 | Survey Contact Email |  | 1.C.12 | Company Supervisor Email | |  |

**SCHEDULE 1: IDENTIFICATION (continue)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Part D: Parent Company Information** | | | **Part E: Parent Company Contact Information** | | |
| 1.D.1 | Parent Company ID |  | 1.E.1 | Parent Company Contact ID |  |
| 1.D.2 | Parent Company Name |  | 1.E.2 | Parent Company Contact Name |  |
| 1.D.3 | Parent Company Official Contact Name |  | 1.E.3 | Parent Company Contact Title |  |
| 1.D.4 | Parent Company URL |  | 1.E.4 | Parent Company Contact URL |  |
| 1.D.5 | Parent Company Street Address |  | 1.E.5 | Parent Company Contact Street Address |  |
| 1.D.6 | Parent Company Suite Address |  | 1.E.6 | Parent Company Contact Suite Address |  |
| 1.D.7 | Parent Company City |  | 1.E.7 | Parent Company Contact City |  |
| 1.D.8 | Parent Company State |  | 1.E.8 | Parent Company Contact State |  |
| 1.D.9 | Parent Company Zip Code |  | 1.E.9 | Parent Company Contact Zip Code |  |
| 1.D.10 | Country (if outside U.S.) |  | 1.E.10 | Country (if outside U.S.) |  |
| 1.D.11 | Parent Company International  Phone Number |  | 1.E.11 | Parent Company Contact International Phone Number |  |
| 1.D.12 | Parent Company Official Contact Phone |  | 1.E.12 | Parent Company Contact Phone |  |
| 1.D.13 | Parent Company Official Contact Fax |  | 1.E.13 | Parent Company Contact Fax |  |
| 1.D.14 | Parent Company Official Contact Email |  | 1.E.14 | Parent Company Contact Email |  |

**SCHEDULE 2: COMPANY STATUS (Respondent Business Type)**

**Please mark the appropriate box or boxes to indicate business activities. For glossary and instructions, please refer to the instructions**

**for this form.**

2.1 Manufacturer: □

2.1.1 If your company also manufactures Original Equipment Manufacturer (OEM) brands for brand name manufacturer(s) (private label owner),

please provide brand name owner contact information below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Company Name | Brand Name | Contact Name | Address | Phone | Email |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

2.2 Private Label Owner (Brand Name Manufacturer): □

2.2.1 If your company outsources the manufacturing process to an Original Equipment Manufacturer (OEM) that manufactures the brands for you

as a private label owner, please provide the contact information of the contracting manufacturer(s) below and continue to complete the remaining

schedules.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Contracting Manufacturer Name | Contact Name | Address | Phone | Email |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

2.3 Subsidiary or Business Unit of Overseas Manufacturer: □

2.4 U.S. Registered Publicly Traded Overseas Manufacturer: □

2.5 Importer: □

2.6 Exporter: □

**SCHEDULE 3: INDUSTRY STATUS**

Part A: Mark the appropriate box or boxes to indicate all the photovoltaic-related activities in which your company was engaged during the

reporting year. Mark only those that apply to your photovoltaic-related activities.

1. □ Cell and/or Module manufacturing
2. □ Module and/or system design
3. □ Prototype module development
4. □ Prototype system development
5. □ Wholesale distribution
6. □ Retail distribution
7. □ Installation
8. □ Other (describe)

Part B: 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 cells/modules
2. □ Cast silicon cells/modules
3. □ Ribbon silicon cells/modules
4. □ Amorphous silicon cells/modules
5. □ Other thin-film (describe)
6. □ Concentrator
7. □ Other (describe)

Part C: Please enter the number of full-time equivalent employees in your company engaged in photovoltaic-related activities during the reporting

year.

Part D: What percentage of your company’s total sales revenue is comprised of photovoltaic-related activities?

(a) □ 90 – 100%

(b) □ 50 – 89%

(c) □ 10 – 49%

(d) □ Less than 10%

**SCHEDULE 4: PHOTOVOLTAIC SHIPMENTS STATUS**

**Contracting manufacturer, please DO NOT report shipments for brand name manufacturer (private label owner). Reporting shipments**

**for brand name manufacturer (private label owner) will cause duplicate reporting.**

Part A: Photovoltaic Cell Data

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Photovoltaic Cells | Types | | | | | | Total |
| Crystalline Silicon | | | Thin-Film | | Concentrator |
| Single Crystal | Cast | Ribbon | Amorphous Silicon | Other Specify:**\_\_\_\_** |
| (a) Product Available (Cells Only) | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts |
| (1) Cells in inventory carried forward from last year |  |  |  |  |  |  |  |
| (2) Cells manufactured during reporting year |  |  |  |  |  |  |  |
| (3) Cells imported during reporting year |  |  |  |  |  |  |  |
| (4) Cells purchased from U.S. OEM\* |  |  |  |  |  |  |  |
| (5) Cumulative total available for shipment |  |  |  |  |  |  |  |
| (b) Shipments (Cells Only) | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts |
| (1) Cells assembled into modules |  |  |  |  |  |  |  |
| (2) Sales to U.S. OEM\* for Resale |  |  |  |  |  |  |  |
| (3) Export Shipments (sales overseas) |  |  |  |  |  |  |  |
| (4) Total Shipments |  |  |  |  |  |  |  |
| (c) Revenue (Cells Only) | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars |
| (1) Value of Total Shipments (cells from 4.A.b.4 in whole $) |  |  |  |  |  |  |  |
| (2) Average Value (dollars per Watt) |  |  |  |  |  |  |  |
| (d) Inventory (Cells Only) | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts |
| (1) Inventory at year end (will be brought forward to next year) |  |  |  |  |  |  |  |

\* Original Equipment Manufacturer (OEM) **Contracting manufacturer, please DO NOT report shipments for brand name manufacturer (private label owner). Reporting shipments**

**for brand name manufacturer (private label owner) will cause duplicate reporting.**

Part B: Photovoltaic Module Data

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Photovoltaic Modules | Types | | | | | | | | | | | | Total | |
| Crystalline Silicon | | | | | | Thin-Film | | | | Concentrator | |
| Single Crystal | | Cast | | Ribbon | | Amorphous Silicon | | Other Specify:**\_\_\_\_\_\_** | |
| (a) Product Available (Modules Only) | (kWp) | System | (kWp) | System | (kWp) | System | (kWp) | System | (kWp) | System | (kWp) | System | (kWp) | System |
| (1) Modules in inventory carried forward from last year |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (2) Modules manufactured during reporting year |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (3) Modules imported during reporting year |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (4) Modules purchased from U.S. OEM\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (5) Cumulative total available for shipment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (b) Shipments (Modules Only) | (kWp) | System | (kWp) | System | (kWp) | System | (kWp) | System | (kWp) | System | (kWp) | System | (kWp) | System |
| (1) U.S. Shipments, excluding sales for resale |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (2) Sales to U.S. OEM\* for Resale |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (3) Export Shipments (sales overseas) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (4) Total Shipments |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (c) Revenue (Modules Only) | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars |
| (1) Value of Total Shipments (modules from 4.B.b.4 in whole $) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (2) Value of U.S. Shipments (systems from 4.B.b.1 in whole $) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (3) Average Value of Modules (dollars per peak watt) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (4) Average Value of Complete Systems (dollars per system) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (d) Inventory (Modules Only) | (kWp) |  | (kWp) |  | (kWp) |  | (kWp) |  | (kWp) |  | (kWp) |  | (kWp) |  |
| (1) Inventory at year end (will be brought forward to next year) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (e) Energy Conversion Efficiency | % |  | % |  | % |  | % |  | % |  | % |  |  |  |
| (1) Percent of power converted per peak kilowatt |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* Original Equipment Manufacturer (OEM) **SCHEDULE 5: ORIGIN OF PHOTOVOLTAIC MODULES**

Part A: Modules imported during reporting year, by country

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Photovoltaic Modules | | Types | | | | | | Total  (i) |
| Crystalline Silicon | | | Thin-Film | | Concentrator  (h) |
| Single Crystal  (c) | Cast  (d) | Ribbon  (e) | Amorphous Silicon  (f) | Other Specify:**\_\_\_\_**  (g) |
| Country Name  (a) | Manufacturer Name  (b) | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Sum of Columns (c) through (h) |
|  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |
| TOTAL | |  |  |  |  |  |  |  |

Part B: Modules manufactured in U.S. during reporting year, by state

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Photovoltaic Modules | | Types | | | | | | Total  (i) |
| Crystalline Silicon | | | Thin-Film | | Concentrator  (h) |
| Single Crystal  (c) | Cast  (d) | Ribbon  (e) | Amorphous Silicon  (f) | Other Specify:**\_\_\_\_**  (g) |
| State/Territory Name  (a) | Manufacturer Name  (b) | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Peak Kilowatts | Sum of Columns (c) through (h) |
|  |  |  |  |  |  |  |  |  |
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| TOTAL | |  |  |  |  |  |  |  |

**SCHEDULE 6: DESTINATION OF PHOTOVOLTAIC MODULES**

Part A: Export Shipments (Sales Overseas)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Photovoltaic Modules | | Types | | | | | | Total  (i) |
| Crystalline Silicon | | | Thin-Film | | Concentrator  (h) |
| Single Crystal  (c) | Cast  (d) | Ribbon  (e) | Amorphous Silicon  (f) | Other Specify:**\_\_\_\_\_**  (g) |
| Country Name  (a) | (b) | Peak  Kilowatts | Peak  Kilowatts | Peak  Kilowatts | Peak  Kilowatts | Peak  Kilowatts | Peak  Kilowatts | Sum of Columns (c) through (h) |
|  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |
| TOTAL | |  |  |  |  |  |  |  |

Part B: U.S. Shipments (sales within U.S. excluding sales for resale) by State, Sector, and End Use

**Note:** Please complete 6.B. for each and every state modules are shipped to within the United States. You may want to make copies of the blank 6.B. page

before beginning this section.

**(a) State: Please indicate the final destination of the shipments by entering the two letter U.S. Postal Service abbreviation of the Destination State.**

**Complete a separate Schedule 6, Part B for each State/Territory, and Total (U.S. Shipments).**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Photovoltaic Modules  U.S. Shipments (sales within the U.S. excluding sales for resale) by State, Sector, and End Use | | Types | | | | | | | | | | | | Total  (i) | |
| Crystalline Silicon | | | | | | Thin-Film | | | | Concentrator  (h) | |
| Single Crystal  (c) | | Cast  (d) | | Ribbon  (e) | | Amorphous Silicon  (f) | | Other Specify:**\_\_\_\_\_\_**  (g) | |
| (a) Sector | (b) End Use | (kWp) | System | (kWp) | System | (kWp) | System | (kWp) | System | (kWp) | System | (kWp) | System | (kWp) | System |
| (1)  Residential | (1) Grid-connected Centralized PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (2) Grid-connected Distributed PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (3) Off-grid Domestic PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (4) Off-grid Non-domestic PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (5) Total (1) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (2)  Commercial | (1) Grid-connected Centralized PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (2) Grid-connected Distributed PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (3) Off-grid Domestic PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (4) Off-grid Non-domestic PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (5) Total (2) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (3)  Industrial | (1) Grid-connected Centralized PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (2) Grid-connected Distributed PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (3) Off-grid Domestic PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (4) Off-grid Non-domestic PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (5) Total (3) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (4)  Electric Power | (1) Grid-connected Centralized PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (2) Grid-connected Distributed PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (3) Off-grid Domestic PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (4) Off-grid Non-domestic PV System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (5) Total (4) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (Sum of Totals 1 - 4) | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**SCHEDULE 7: COMMENTS**

Part A: Enter comments regarding this report.