

---

## FOREIGN PRODUCERS'/EXPORTERS' QUESTIONNAIRE

### CERTAIN CRYSTALLINE SILICON PHOTOVOLTAIC PRODUCTS FROM CHINA AND TAIWAN

---

This questionnaire must be received by the Commission by no later than **October 14, 2014**

*See the last page of this questionnaire for filing instructions.*

The information called for in this questionnaire is for use by the United States International Trade Commission in connection with its antidumping and countervailing duty investigations concerning certain crystalline silicon photovoltaic products from China and Taiwan (Inv. No. 701-TA-511 & 731-TA-1246-1247 (Final)). The information requested in the questionnaire is requested under the authority of the Tariff Act of 1930, title VII.

**Name of firm** \_\_\_\_\_

**Address** \_\_\_\_\_

**Website address** \_\_\_\_\_

Has your firm produced or exported **crystalline silicon photovoltaic products ("CSPV products")** (as defined on the next page) at any time since January 1, 2011?

**NO** (Sign the certification below and promptly return only this page of the questionnaire to the Commission)

**YES** (Complete all parts of the questionnaire, and return the entire questionnaire to the Commission. Firms operating more than one establishment in a single country should combine the data for all establishments into a single report).

Data reported in this questionnaire relate to (Check one):

**China**                       **Taiwan**

**Return questionnaire via the U.S. International Trade Commission *Drop Box* by clicking on the following link: <https://dropbox.usitc.gov/oinv/>. (use the following PIN: **SUN2**)**

#### CERTIFICATION

*I certify that the information herein supplied in response to this questionnaire is complete and correct to the best of my knowledge and belief and understand that the information submitted is subject to audit and verification by the Commission.*

*By means of this certification I also grant consent for the Commission, and its employees and contract personnel, to use the information provided in this questionnaire and throughout this proceeding in any other import-injury proceedings conducted by the Commission on the same or similar merchandise.*

*I acknowledge that information submitted in this questionnaire response and throughout this proceeding may be used by the Commission, its employees, and contract personnel who are acting in the capacity of Commission employees, for developing or maintaining the records of this proceeding or related proceedings for which this information is submitted, or in internal audits and proceedings relating to the programs and operations of the Commission pursuant to 5 U.S.C. Appendix 3. I understand that all contract personnel will sign non-disclosure agreements.*

Name of Authorized Official	Title of Authorized Official	Date
Signature	Phone: _____	Email address
	Fax: _____	

**PART I.—GENERAL INFORMATION**

**Background.**

This proceeding was instituted in response to petitions filed December 31, 2013 by Solar World Industries America, Hillsboro, OR.

Antidumping and/or countervailing duties may be assessed on the subject imports as a result of these proceedings if the Commission makes an affirmative determination of injury, threat, or material retardation, and if the U.S. Department of Commerce makes an affirmative determination of dumping and/or countervailable subsidies.

**Merchandise covered by the scope of these investigations.**

**“Certain crystalline silicon photovoltaic products,” “CSPV products” or “subject product”:** The merchandise covered by these investigations is crystalline silicon photovoltaic cells, and modules, laminates and/or panels consisting of crystalline silicon photovoltaic cells, whether or not partially or fully assembled into other products, including building integrated materials.

For purposes of these investigations, subject merchandise also includes modules, laminates and/or panels assembled in the subject country consisting of crystalline silicon photovoltaic cells that are completed or partially manufactured within a customs territory other than that subject country, using ingots that are manufactured in the subject country, wafers that are manufactured in the subject country, or cells where the manufacturing process begins in the subject country and is completed in a non-subject country.

Subject merchandise includes crystalline silicon photovoltaic cells of thickness equal to or greater than 20 micrometers, having a p/n junction formed by any means, whether or not the cell has undergone other processing, including, but not limited to, cleaning, etching, coating, and/or addition of materials (including, but not limited to, metallization and conductor patterns) to collect and forward the electricity that is generated by the cell.

Merchandise covered by these investigations is currently classified in the Harmonized Tariff Schedule of the United States (HTSUS) under subheadings 8501.61.0000, 8507.20.8030, 8507.20.8040, 8507.20.8060, 8507.20.8090, 8541.40.6020, 8541.40.6030 and 8501.31.8000. These HTSUS subheadings are provided for convenience and customs purposes; the written description of the scope of these investigations is dispositive.

**Exclusions from the scope of these investigations:**

(1) Excluded from the scope of these investigations are thin film photovoltaic products produced from amorphous silicon (a-Si), cadmium telluride (CdTe), or copper indium gallium selenide (CIGS).

(2) Also excluded from the scope of these investigations are any products covered by the existing antidumping and countervailing duty orders on crystalline silicon photovoltaic cells, whether or not assembled into modules, from the People’s Republic of China. See Crystalline Silicon Photovoltaic Cells, Whether or Not Assembled Into Modules, From the People’s Republic of China: Amended Final Determination of Sales at Less Than Fair Value, and Antidumping Duty Order, 77 FR 73018 (December 7, 2012); Crystalline Silicon Photovoltaic Cells, Whether or Not Assembled Into Modules, From the People’s Republic of China: Countervailing Duty Order, 77 FR 73017 (December 7, 2012).

(3) Also excluded from the scope of these investigations are crystalline silicon photovoltaic cells, not exceeding 10,000 mm<sup>2</sup> in surface area, that are permanently integrated into a consumer good whose

function is other than power generation and that consumes the electricity generated by the integrated crystalline silicon photovoltaic cell. Where more than one cell is permanently integrated into a consumer good, the surface area for purposes of this exclusion shall be the total combined surface area of all cells that are integrated into the consumer good.

**Service of questionnaire response(s).**--In the event that your firm is a party to this proceeding, you are required to serve a copy of the questionnaire(s), once completed, on parties to the proceeding that are subject to administrative protective order (see 19 CFR § 207.7). A list of such parties is maintained by the Commission's Secretary and may be obtained by calling 202-205-1803. A certificate of service must accompany the copy of the completed questionnaire(s) you submit (see 19 CFR § 207.7).

**Confidentiality.**--The commercial and financial data furnished in response to the enclosed questionnaire(s) that reveal the individual operations of your firm will be treated as confidential by the Commission to the extent that such data are not otherwise available to the public and will not be disclosed except as may be required by law (see 19 U.S.C. § 1677f). Such confidential information will not be published in a manner that will reveal the individual operations of your firm; however, general characterizations of numerical business proprietary information (such as discussion of trends) will be treated as confidential business information only at the request of the submitter for good cause shown.

**Verification.**--The information submitted in the enclosed questionnaire(s) is subject to audit and verification by the Commission. To facilitate possible verification of data, please keep all of your files, worksheets, and supporting documents used in the preparation of the questionnaire response(s).

**Release of information.**--The information provided by your firm in response to the questionnaire(s), as well as any other business proprietary information submitted by your firm to the Commission in connection with this proceeding, may become subject to, and released under, the administrative protective order provisions of the Tariff Act of 1930 (19 U.S.C. § 1677f) and section 207.7 of the Commission's Rules of Practice and Procedure (19 CFR § 207.7). This means that certain lawyers and other authorized individuals may temporarily be given access to the information for use in connection with this proceeding or other import-injury proceedings conducted by the Commission on the same or similar merchandise; those individuals would be subject to severe penalties if the information were divulged to unauthorized individuals.

- I-1. **OMB statistics.**--Please report below the actual number of hours required and the cost to your firm of preparing the reply to this questionnaire and completing the form. We are also interested in any comments you may have for improving this questionnaire in general or the clarity of specific questions. Please attach such comments to your firm's response or send them to the above address.

Hours	Dollars

The questions in this questionnaire have been reviewed with market participants to ensure that issues of concern are adequately addressed and that data requests are sufficient, meaningful, and as limited as possible. Public reporting burden for this questionnaire is estimated to average 20 hours per response, including the time for reviewing instructions, searching existing data sources, gathering the data needed, and completing and reviewing the questionnaire. Send comments regarding the accuracy of this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Office of Investigations, U.S. International Trade Commission, 500 E Street, SW, Washington, DC 20436.

- I-2. **Establishments covered.**--Provide the name and address of establishment(s) covered by this questionnaire. If your firm is publicly traded, please specify the stock exchange and trading symbol.

***“Establishment”***--Each facility of a firm involved in the production, importation, and/or purchase of the subject product, including auxiliary facilities operated in conjunction with (whether or not physically separate from) such facilities.

---

---

I-3. **U.S. importers.**--Please provide the names, street addresses (not P.O. boxes), contacts, telephone numbers, and e-mail addresses of the **FIVE** largest U.S. importers of your firm's subject product in 2013.

Importer's name	Contact person	Email	Telephone	Street address (not P.O. box), city, state, and zip code	Share of your firm's 2013 U.S. exports (%)
<b>1</b>				Street Address City , State Zip Code	
<b>2</b>				Street Address City , State Zip Code	
<b>3</b>				Street Address City , State Zip Code	
<b>4</b>				Street Address City , State Zip Code	
<b>5</b>				Street Address City , State Zip Code	

I-4. **Related U.S. producers.**--Does your firm or any related firm produce, have the capability to produce, or have any plans to produce the subject product in the United States or other countries?

- No       Yes--Please name the firm(s) and country(ies) below and, if U.S. producer(s), ensure that they complete the Commission's producer questionnaire.

---

I-5. **Related U.S. importers.**--Does your firm or any related firm import or have any plans to import the subject product into the United States?

- No       Yes--Please name the firm(s) below and ensure that they complete the Commission's importer questionnaire

---

**PART II.--TRADE AND RELATED INFORMATION**

Further information on this part of the questionnaire can be obtained from Chris Cassise (202-708-5408, [chris.cassise@usitc.gov](mailto:chris.cassise@usitc.gov)). Supply all data requested on a calendar-year basis.

II-1. **Contact information.**-- Please identify the responsible individual and the manner by which Commission staff may contact that individual regarding the confidential information submitted in part II.

Name	
Title	
Email	
Telephone	
Fax	

II-2. **Changes in operations.**--Please indicate whether your firm has experienced any of the following changes in relation to the production of the subject product since January 1, 2011.

<i>(check as many as appropriate)</i>		<i>(please describe)</i>
<input type="checkbox"/>	plant openings	
<input type="checkbox"/>	plant closings	
<input type="checkbox"/>	relocations	
<input type="checkbox"/>	expansions	
<input type="checkbox"/>	acquisitions	
<input type="checkbox"/>	consolidations	
<input type="checkbox"/>	prolonged shutdowns or production curtailments	
<input type="checkbox"/>	revised labor agreements	
<input type="checkbox"/>	other (e.g., technology)	

II-3. **Anticipated changes in operations.**--Does your firm anticipate any changes in the character of its operations or organization relating to the production of the subject product in the future?

- No                       Yes--Supply details as to the time, nature, and significance of such changes and provide underlying assumptions, along with relevant portions of business plans or other supporting documentation that address this issue.

---



---

II-4. **Product shifting.**—

(i) Is your firm able to switch production between the subject product and other products using the same manufacturing equipment?

No                       Yes-- Please identify other actual or potential products.\_\_\_\_\_

(ii) Please report any changes in the mix of your production that since January 1, 2011 in facilities that produce the subject product and non-scope products. In responding to this question, report: 1) the date(s) such changes occurred; 2) the time involved to make the change; 3) the reason(s) for the change.

II-5. **Inventories in the United States.**--Has your firm, since 2011, maintained any inventories of the subject product in the United States (not including inventories held by firms identified in question I-3)?

No                       Yes--Report the quantity of such end-of-period inventories below.

<b>Inventories held in the United States</b>					
<i>(Quantity in kilowatts)</i>					
Item	2011	2012	2013	January-June	
				2013	2014
Inventory of cells					
Inventory of modules					

II-6. **Third country trade actions.**--Is the subject product exported by your firm subject to any other antidumping, countervailing duty, or safeguard findings, remedies, or proceedings in any country besides the United States?

No                       Yes--List the products(s), countries affected, and the date of such findings/remedies/proceedings.

- II-7. **Share of sales.**--What percentage of your firm's total sales in its most recent fiscal year was represented by sales of CSPV cells and modules?
- (a) Sales of CSPV cells and modules accounted for \_\_\_\_\_ percent of your firm's total sales in your firm's most recent fiscal year.
- II-8. **Share of total production.**--Please estimate what percentage of total production of CSPV cells and modules in the subject country that you indicated on page 1 is accounted for by your firm's total production of CSPV cells and modules in 2013.
- (a) Your firm accounted for \_\_\_\_\_ percent of 2013 total production of CSPV cells in the subject country.
- (b) Your firm accounted for \_\_\_\_\_ percent of 2013 total production of CSPV modules in the subject country.
- II-9. **Share of total exports.**--Please estimate what percentage of total exports to the United States of CSPV cells and modules from the subject country that you indicated on page 1 is accounted for by your firm's total exports of CSPV cells and modules in 2013.
- (a) Your firm accounted for \_\_\_\_\_ percent of total 2013 exports of CSPV cells from the subject country to the United States.
- (b) Your firm accounted for \_\_\_\_\_ percent of total 2013 exports of CSPV modules from the subject country to the United States.

**Definitions**

**"Average production capacity" or "capacity"** is defined as the level of production that your establishment(s) could reasonably have expected to attain during the specified periods. Assume normal operating conditions (i.e., using equipment and machinery in place and ready to operate; normal operating levels (hours per week/weeks per year) and time for downtime, maintenance, repair, and cleanup; and a typical or representative product mix).

**"Production"** is defined as all production in your U.S. establishment(s), including production consumed internally within your firm and production for another firm under a toll agreement.

**"Internal consumption"** is defined as product consumed internally by your firm.

**"Transfers to related firms"** are defined as shipments made to related domestic firms. Such transactions are valued at fair market value.

**"Related firm"** is defined as a firm that your firm solely or jointly owns, manages, or otherwise controls. Such transactions are valued at fair market value.

**"Export shipments"** are defined as shipments to destinations outside the United States, including shipments to related firms.

**"End of period inventories"** is defined as finished goods inventory, not raw materials or work in progress.



II-10. **CHINA: CSPV CELLS.**--Report your firm's production capacity, production, shipments, and inventories related to the production of CSPV cells in your establishment(s) in China during the specified periods. Do not submit data by manufacturing facility if they are in the same country. If your firm has multiple manufacturing establishments within one country, you are required to combine data for those establishments within one foreign producer questionnaire response. Do not submit data on multiple countries combined. The establishments reported here should all be located in the country of the firm's address reported on the certification page. Multinational companies with production in multiple subject countries should submit separate foreign producer questionnaire responses for each subject country.

Note:--CSPV cells completely manufactured in China are currently subject to duties pursuant to the prior 2012 antidumping and countervailing duty investigations on CSPV cells and modules.

Quantity (in kilowatts)							
Item	Actual experience					Projections <sup>1</sup>	
	Calendar year			January-June		2014	2015
	2011	2012	2013	2013	2014		
<b>Average production capacity<sup>2</sup> (A)</b>							
<b>Beginning-of-period inventories (B)</b>							
<b>Production (C)</b>							
<b>Purchases of finished cells from other Chinese producers (D)</b>							
<b>Purchases of finished cells from non-Chinese foreign producers (E)</b>							
Total purchases (F) (Should equal D + E)	0	0	0	0	0	0	0
Total available for shipment (G) (Should equal B + C + D + E)	0	0	0	0	0	0	0
<b>Home market shipments:</b>							
<b>Internal consumption/transfers (H)</b>							
<b>Commercial shipments (I)</b>							
<b>Exports shipments:</b>							
<b>to the United States (J)</b>							
<b>to Taiwan (K)</b>							
<b>to all other markets<sup>3</sup> (L)</b>							
Total exports (M) (should equal J+K+L)	0	0	0	0	0	0	0
Total shipments (N) (should equal H+I+ J+K+L)	0	0	0	0	0	0	0
<b>End-of-period inventories (O)</b>							
<sup>1</sup> Please explain the basis for your firm's projections. _____ <sup>2</sup> The production capacity (see definitions in instruction booklet) reported is based on operating _____ hours per week, _____ weeks per year. Please describe the methodology used to calculate production capacity, and explain any changes in reported capacity. _____ <sup>3</sup> Identify principal other export markets. _____							

II-10. **CHINA: CSPV CELLS.**—*Continued*

**Reconciliation of shipments, inventories, purchases and production.**-- Generally, the data reported for the end-of-period inventories (i.e., line O) should be equal to the beginning-of-period inventories (i.e., line B), plus production (i.e., line C), plus purchases of finished cells (i.e., lines D and E), less total shipments (i.e., lines H, I, J, K, and L). Please ensure that any differences are not due to data entry errors in completing this form, but rather actually reflect your firm's records; and also provide any likely explanations for the differences (e.g., theft, loss, damage, record systems issues, etc.).

Reconciliation Check	Actual experience					Projections <sup>1</sup>	
	Calendar year			January-June		2014	2015
	2011	2012	2013	2013	2014		
Reconciliation should = 0 (if not, either revise data or explain the reason for the discrepancy below)	0	0	0	0	0	0	0

---



---



---

II-11 **Production process.**--

(a) **Description of process.**—Briefly describe your production process from ingot production or purchase to final CSPV cell end product. Also, provide the country of origin of the various raw materials specified below.

---



---



---

Input	Country of origin of inputs			
	China (produced by your firm)	China (purchased from another Chinese firm)	Taiwan	Other <sup>1</sup>
Ingot	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wafer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<sup>1</sup> Identify the other sources, by country and manufacturer: \_\_\_\_\_

II-11 **Production process.**--Continued

(b) **Multi-country conversions.**--Did the cell conversion process (manufacture of the cell post-wafer) occur in more than one country?

- No.  Yes—Identify the countries of manufacture.

---

---

---

II-12 **Source of inputs: INGOTS.**--

(a) **Internally produced ingots.**-- Did your firm produce all of its own ingots in China?

- No.  Yes— Did your firm use these ingots to produce its own wafers which were then used in your firm's production of CSPV cells?
- Yes.--Skip questions 12(b),(c).
- No.--Please explain below

---

---

---

(b) **Country of origin of purchased ingots.**--What was the country of origin of the ingots that your firm used in the production of CSPV cells? (Check all that apply)

- China (purchased from another firm in China)
- Taiwan
- Other (List source: \_\_\_\_\_)

(c) **Source of ingots used in wafers production.**--In the table below, report your firm's total use of ingots in the production of wafers.

Item	2011	2012	2013	January-June	
				2013	2014
<i>(Quantity in kilograms)</i>					
Ingots used in wafer production.-- Internally produced					
Purchased from another firm in China					
Imported from Taiwan					
Imported from other sources <sup>1</sup>					
Total ingots used	0	0	0	0	0
<i>(Quantity in pieces)</i>					
Total wafers production using ingot inputs					
<sup>1</sup> Identify the other sources, by country and manufacturer: _____					

**II-13. Source of inputs: WAFERS:**

(a) **Internally produced ingots.**--Did your firm produce its own wafers in China?

- No.                       Yes--Did your firm use these wafers to produce CSPV cells?
- Yes.--Skip questions 13(b) and (c).
- No.--Please explain below

---



---



---

(b) **Country of origin of purchased wafers.**--What was the country of origin of the wafers that your firm used in the production of CSPV cells?

- China (purchased from another firm in China)
- Taiwan
- Other (List source: \_\_\_\_\_)

II-13. **Source of inputs: WAFERS.--Continued**

(c) **Source of wafers used in cell production.--** In the table below, report your firm's total use of wafers in the production of cells.

Item	2011	2012	2013	January-June	
				2013	2014
<i>(Quantity in pieces)</i>					
<b>Wafers used in cell production.-- Internally produced</b>					
<b>Purchased from another firm in China</b>					
<b>Imported from Taiwan</b>					
<b>Imported from other sources<sup>1</sup></b>					
Total wafers used	0	0	0	0	0
<i>(Quantity in kilowatts)</i>					
<b>Total cell production using wafer inputs</b>					
<sup>1</sup> Identify the other sources, by country and manufacturer: _____					

II-14. **CHINA: CSPV MODULES.**--Report your firm's production capacity, production, shipments, and inventories related to the production of CSPV modules in your establishment(s) in China during the specified periods. Do not submit data by manufacturing facility if they are in the same country. If your firm has multiple manufacturing establishments within one country, you are required to combine data for those establishments within one foreign producer questionnaire response. Do not submit data on multiple countries combined. The establishments reported here should all be located in the country of the firm's address reported on the certification page. Multinational companies with production in multiple subject countries should submit separate foreign producer questionnaire responses for each subject country.

Item	Quantity (in kilowatts)						Projections <sup>1</sup>	
	Actual experience					January-June	2014	2015
	2011	2012	2013	2013	2014			
Average production capacity <sup>2</sup> (A)								
Beginning-of-period inventories (B)								
Purchases of finished modules from other Chinese producers (C)								
Purchases of finished modules from other non-Chinese foreign producers (D)								
Total purchases of finished modules (E) <i>(should be equal to C + D)</i>	0	0	0	0	0	0	0	0
Module production using-- Cells made by your firm in China (F)								
Cells made by another firm in China (G)								
Taiwanese-sourced cells (H)								
Foreign-sourced cells (other than China or Taiwan) with ingots, wafers or partial cells of Chinese origin (I)								
Other foreign-sourced cells (J)								
Total production (K) <i>(should be equal to F + G + H + I + J)</i>	0	0	0	0	0	0	0	0
Total available for shipment (L) <i>(Should equal B + E + K)</i>	0	0	0	0	0	0	0	0
Home market shipments: Internal consumption/transfers (M)								
Commercial shipments (N)								
Exports shipments: to the United States (O)								
to all other markets <sup>3</sup> (P)								
Total exports (Q) <i>(should equal O + P)</i>	0	0	0	0	0	0	0	0
Total shipments (R) <i>(should equal M + N + O + P)</i>	0	0	0	0	0	0	0	0
End-of-period inventories (S)								

<sup>1</sup> Please explain the basis for your firm's projections.

<sup>2</sup> The production capacity (see definitions in instruction booklet) reported is based on operating \_\_\_\_\_ hours per week, \_\_\_\_\_ weeks per year. Please describe the methodology used to calculate production capacity, and explain any changes in reported capacity.

<sup>3</sup> Identify principal other export markets. \_\_\_\_\_

II-14. **CHINA: CSPV MODULES**.--*Continued*

**Reconciliation of shipments, inventories, purchases and production.**-- Generally, the data reported for the end-of-period inventories (i.e., line S) should be equal to the beginning-of-period inventories (i.e., line B), plus production (i.e., lines F, G, H, I and J), plus purchases of finished modules (i.e., lines C and D), less total shipments (i.e., lines M, N,O, and P). Please ensure that any differences are not due to data entry errors in completing this form, but rather actually reflect your firm's records; and also provide any likely explanations for the differences (e.g., theft, loss, damage, record systems issues, etc.).

Reconciliation Check	Actual experience					Projections	
	Calendar year			January-June		2014	2015
	2011	2012	2013	2013	2014		
Reconciliation should = 0 (if not, either revise data or explain the reason for the discrepancy below)	0	0	0	0	0	0	0

---



---



---

II-15. **Production process.**— Briefly describe your production process from CSPV cell production or purchase to final CSPV module end product.

---



---



---

**II-16. Source of inputs: CSPV cells:**

(a) **Origin of cells used in module assembly.**--Report the country of origin of the CSPV cells used in your firm's production of CSPV modules. (check all that apply)

	Cell origin	Ingot and/or wafer origin
1)	<input type="checkbox"/> China <sup>1</sup>	China
2)	<input type="checkbox"/> China <sup>1</sup>	Taiwan <sup>2</sup>
3)	<input type="checkbox"/> China <sup>1</sup>	Third country (Name source country: _____)
4)	<input type="checkbox"/> Taiwan <sup>3</sup>	China <sup>4</sup>
5)	<input type="checkbox"/> Taiwan <sup>3</sup>	Taiwan
6)	<input type="checkbox"/> Taiwan <sup>3</sup>	Third country (Name source country: _____)
7)	<input type="checkbox"/> Other <sup>5</sup>	China <sup>6</sup>
8)	<input type="checkbox"/> Other <sup>5</sup>	Taiwan <sup>7</sup>
9)	<input type="checkbox"/> Other <sup>5</sup>	Third country (Name source country: _____)

<sup>1</sup> Checking here should correspond to lines F or G of question II-14.  
<sup>2</sup> Approximately what share of the data reported in lines F and G of question II-14 does this apply to in 2013? \_\_\_\_\_ percent. (e.g., share of reported production line E for which the ingot/wafer was Taiwanese origin even though the cell your firm purchased/made was manufactured in China).  
<sup>3</sup> Checking here should correspond to line H of question II-14.  
<sup>4</sup> Approximately what share of the data reported in line H of question II-14 does this apply to in 2013? \_\_\_\_\_ percent. (e.g., share of reported production line H for which the ingot/wafer was Chinese origin even though the cell your firm purchased was manufactured in Taiwan).  
<sup>5</sup> Checking here should correspond to lines I or J of question II-14.  
<sup>6</sup> This should be the data reported in line I.  
<sup>7</sup> Approximately what share of the data reported in line J of question II-14 does this apply to in 2013? \_\_\_\_\_ percent. (e.g., share of reported production line J for which the ingot/wafer was Taiwanese origin even though the cell your firm purchased was manufactured in a third country).

(b) **Module production based on certain categories.**--If you checked (4) or (7) then report your firm's total production of CSPV modules (in kilowatts) which used ingots and wafers from the countries specified.

(Quantity in kilowatts)					
Item	2011	2012	2013	January-June	
				2013	2014
Module production.-- Using Taiwanese cells.-- That were produced using ingots, wafers, or partial cells from China					
Using cells of third countries.-- That were produced using ingots, wafers, or partial cells from China					



II-17. **TAIWAN: CSPV CELLS.**--Report your firm's production capacity, production, shipments, and inventories related to the production of CSPV cells in your establishment(s) in Taiwan during the specified periods. Do not submit data by manufacturing facility if they are in the same country. If your firm has multiple manufacturing establishments within one country, you are required to combine data for those establishments within one foreign producer questionnaire response. Do not submit data on multiple countries combined. The establishments reported here should all be located in the country of the firm's address reported on the certification page. Multinational companies with production in multiple subject countries should submit separate foreign producer questionnaire responses for each subject country.

Item	Quantity (in kilowatts)						Projections <sup>1</sup>	
	Actual experience					2014	2015	
	Calendar year			January-June				
	2011	2012	2013	2013	2014	2014	2015	
Average production capacity <sup>2</sup> (A)								
Beginning-of-period inventories <sup>3</sup> (B)								
Production (C)								
Purchases of finished cells from other Taiwanese producers (D)								
Purchases of finished cells from non-Taiwanese foreign producers (E)								
Total purchases (F) (Should equal D + E)	0	0	0	0	0	0	0	
Total available for shipment (G) (Should equal B + C + D + E)	0	0	0	0	0	0	0	
<b>Home market shipments:</b>								
Internal consumption/transfers (H)								
Commercial shipments (I)								
<b>Exports shipments:</b>								
to the United States (J)								
to China (K)								
to all other markets <sup>3</sup> (L)								
Total exports (M) (should equal J+K+L)	0	0	0	0	0	0	0	
Total shipments (N) (should equal H+I+ J+K+L)	0	0	0	0	0	0	0	
End-of-period inventories (O)								
<sup>1</sup> Please explain the basis for your firm's projections. _____ <sup>2</sup> The production capacity (see definitions in instruction booklet) reported is based on operating _____ hours per week, _____ weeks per year. Please describe the methodology used to calculate production capacity, and explain any changes in reported capacity. _____ <sup>3</sup> Identify principal other export markets. _____								

**II-17. TAIWAN: CSPV CELLS.**—Continued

**Reconciliation of shipments, inventories, purchases and production.**-- Generally, the data reported for the end-of-period inventories (i.e., line O) should be equal to the beginning-of-period inventories (i.e., line B), plus production (i.e., line C), plus purchases of finished cells (i.e., lines D and E), less total shipments (i.e., lines H, I, J, K, and L). Please ensure that any differences are not due to data entry errors in completing this form, but rather actually reflect your firm's records; and also provide any likely explanations for the differences (e.g., theft, loss, damage, record systems issues, etc.).

Reconciliation Check	Actual experience					Projections <sup>1</sup>	
	Calendar year			January-June		2014	2015
	2011	2012	2013	2013	2014		
Reconciliation should = 0 (if not, either revise data or explain the reason for the discrepancy below)	0	0	0	0	0	0	0

---



---



---

**II-18 Production process.**--

(a) **Description of production process.**--Briefly describe your production process from ingot production or purchase to final CSPV cell end product. Also, provide the country of origin of the various raw materials specified below.

---



---



---

Input	Country of origin of inputs			
	Taiwan (produced by your firm)	Taiwan (purchased from another Taiwanese firm)	China	Other <sup>1</sup>
Ingot	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wafer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<sup>1</sup> Identify the other sources, by country and manufacturer: \_\_\_\_\_

II-18 **Production process.**--Continued

(b) **Multi-country conversions.**--Did the cell conversion process (manufacture of the cell post-wafer) occur in more than one country?

- No.  Yes—Identify the countries of manufacture.

---

---

---

II-19. **Source of inputs: INGOTS.**--

(a) **Internally produced ingots.**-- Did your firm produce all of its own ingots in Taiwan?

- No.  Yes--Did your firm use these ingots to produce its own wafers which were then used in your firm's production of CSPV cells?
- Yes.--Skip questions 12(b) and (c).
- No.--Please explain below

---

---

---

(b) **Country of origin of purchased ingots.**--What was the country of origin of the ingots that your firm used in the production of CSPV cells? (Check all that apply)

- China (purchased from another firm in China)
- Taiwan
- Other (List source: \_\_\_\_\_)

(c) **Source of ingots used in wafer production.**--In the table below, report your firm's total use of ingots in the production of wafers.

Item	2011	2012	2013	January-June	
				2013	2014
<i>(Quantity in kilograms)</i>					
Ingots used in wafer production.-- Internally produced					
Purchased from another firm in Taiwan					
Imported from China					
Imported from other sources <sup>1</sup>					
Total ingots used	0	0	0	0	0
<i>(Quantity in pieces)</i>					
<b>Total wafers production using ingot inputs</b>					
<sup>1</sup> Identify the other sources, by country and manufacturer: _____					

II-20. **Source of inputs: WAFERS:**

(a) **Internally produced ingots.**--Did your firm produce its own wafers in Taiwan?

- No.                                       Yes--Did your firm use these wafers to produce CSPV cells?
- Yes.--Skip questions 13(b) and (c).
- No.--Please explain below

---



---



---

(b) **Country of origin of purchased wafers.**--What was the country of origin of the wafers that your firm used in the production of CSPV cells?

- China (purchased from another firm in China)
- Taiwan
- Other (List source: \_\_\_\_\_)

(c) **Source of wafers used cell production.**-- In the table below, report your firm's total use of wafers in the production of cells.

Item	2011	2012	2013	January-June	
				2013	2014
<i>(Quantity in pieces)</i>					
<b>Wafers used in cell production.-- Internally produced</b>					
<b>Purchased from another firm in Taiwan</b>					
<b>Imported from China</b>					
<b>Imported from other sources<sup>1</sup></b>					
Total wafers used	0	0	0	0	0
<i>(Quantity in kilowatts)</i>					
<b>Total cell production using wafer inputs</b>					
<sup>1</sup> Identify the other sources, by country and manufacturer: _____					

II-21. **TAWAIN: CSPV MODULES.**--Report your firm's production capacity, production, shipments, and inventories related to the production of CSPV modules in your establishment(s) in Taiwan during the specified periods. Do not submit data by manufacturing facility if they are in the same country. If your firm has multiple manufacturing establishments within one country, you are required to combine data for those establishments within one foreign producer questionnaire response. Do not submit data on multiple countries combined. The establishments reported here should all be located in the country of the firm's address reported on the certification page. Multinational companies with production in multiple subject countries should submit separate foreign producer questionnaire responses for each subject country.

Item	Quantity (in kilowatts)						Projections <sup>1</sup>	
	Actual experience					January-June	2014	2015
	2011	2012	2013	2013	2014			
Average production capacity <sup>2</sup> (A)								
Beginning-of-period inventories (B)								
Purchases of finished modules from other Taiwanese producers (C)								
Purchases of finished modules from other non-Taiwanese foreign producers (D)								
Total purchases of finished modules (E) (should be equal to C + D)	0	0	0	0	0	0	0	0
Module production using--								
Cells made by your firm in Taiwan (F)								
Cells made by another firm in Taiwan (G)								
Chinese-sourced cells (H)								
Foreign-sourced cells (other than China or Taiwan) with ingots, wafers or partial cells of Taiwanese origin (I)								
Other foreign-sourced cells (J)								
Total production (K) (should be equal to F + G + H + I + J)	0	0	0	0	0	0	0	0
Total available for shipment (L) (Should equal B + E + K)	0	0	0	0	0	0	0	0
Home market shipments:								
Internal consumption/transfers (M)								
Commercial shipments (N)								
Exports shipments:								
to the United States (O)								
to all other markets <sup>3</sup> (P)								
Total exports (Q) (should equal O + P)	0	0	0	0	0	0	0	0
Total shipments (R) (should equal M + N + O + P)	0	0	0	0	0	0	0	0
End-of-period inventories (S)								

<sup>1</sup> Please explain the basis for your firm's projections.

<sup>2</sup> The production capacity (see definitions in instruction booklet) reported is based on operating \_\_\_\_\_ hours per week, \_\_\_\_\_ weeks per year. Please describe the methodology used to calculate production capacity, and explain any changes in reported capacity.

<sup>3</sup> Identify principal other export markets. \_\_\_\_\_

II-21. **TAIWAN: CSPV MODULES**.--Continued

**Reconciliation of shipments, inventories, purchases and production.**-- Generally, the data reported for the end-of-period inventories (i.e., line S) should be equal to the beginning-of-period inventories (i.e., line B), plus production (i.e., lines F, G, H, I and J), plus purchases of finished modules (i.e., lines C and D), less total shipments (i.e., lines M, N,O, and P). Please ensure that any differences are not due to data entry errors in completing this form, but rather actually reflect your firm's records; and also provide any likely explanations for the differences (e.g., theft, loss, damage, record systems issues, etc.).

Reconciliation Check	Actual experience					Projections <sup>1</sup>	
	Calendar year			January-June		2014	2015
	2011	2012	2013	2013	2014		
Reconciliation should = 0 (if not, either revise data or explain the reason for the discrepancy below)	0	0	0	0	0	0	0

---



---



---

II-22. **Production process**.--Briefly describe your production process from CSPV cell production or purchase to final CSPV module end product.

---



---



---

**II-23. Source of inputs: CSPV cells:**

(a) **Origin of cells used in module assembly.**-- Report the country of origin of the CSPV cells used in your firm's production of CSPV modules. (check all that apply)

	Cell origin	Ingot and/or wafer origin
1)	<input type="checkbox"/> China <sup>1</sup>	China
2)	<input type="checkbox"/> China <sup>1</sup>	Taiwan <sup>2</sup>
3)	<input type="checkbox"/> China <sup>1</sup>	Third country (Name source country: _____)
4)	<input type="checkbox"/> Taiwan <sup>3</sup>	China <sup>4</sup>
5)	<input type="checkbox"/> Taiwan <sup>3</sup>	Taiwan
6)	<input type="checkbox"/> Taiwan <sup>3</sup>	Third country (Name source country: _____)
7)	<input type="checkbox"/> Other <sup>5</sup>	China <sup>6</sup>
8)	<input type="checkbox"/> Other <sup>5</sup>	Taiwan <sup>7</sup>
9)	<input type="checkbox"/> Other <sup>5</sup>	Third country (Name source country: _____)

<sup>1</sup> Checking here should correspond to line H of question II-21.  
<sup>2</sup> Approximately what share of the data reported in line I of question II-21 does this apply to in 2013? \_\_\_\_\_ percent. (e.g., share of reported production line I for which the ingot/wafer was Taiwanese origin even though the cell your firm purchased was manufactured in China).  
<sup>3</sup> Checking here should correspond to lines F or G of question II-21.  
<sup>4</sup> Approximately what share of the data reported in line F of question II-21 does this apply to in 2013? \_\_\_\_\_ percent. (e.g., share of reported production lines F and G for which the ingot/wafer was Chinese origin even though the cell your firm purchased was manufactured in Taiwan).  
<sup>5</sup> Checking here should correspond to lines I or J of question II-21.  
<sup>6</sup> Approximately what share of the data reported in line J of question II-21 does this apply to in 2013? \_\_\_\_\_ percent. (e.g., share of reported production line J for which the ingot/wafer was Chinese origin even though the cell your firm purchased was manufactured in a third country).  
<sup>7</sup> This should be the data reported in line I.

(b) **Module production based on certain categories.**--If you checked (2) or (8) then report your firm's total production of CSPV modules (in kilowatts) which used ingots and wafers from the countries specified.

Item	(Quantity in kilowatts)				
	2011	2012	2013	January-June	
				2013	2014
Module production.-- Using Chinese cells.-- That were produced using ingots, wafers, or partial cells from Taiwan					
Using cells of third countries.-- That were produced using ingots, wafers, or partial cells from Taiwan					



## OPTIONS FOR FILING THIS QUESTIONNAIRE RESPONSE WITH THE ITC

This questionnaire is available as a “fillable” form in MS Word format on the Commission’s website at:

[LINK](#)

***Please do not attempt to modify the format or permissions of the questionnaire document.*** Please complete the questionnaire and submit it electronically using one of the methods noted below. If your firm is unable to complete the MS Word questionnaire or cannot use one of the electronic methods of submission, please contact the Commission for further instructions.

- **Upload via Secure Drop Box.**—Upload the completed questionnaire in MS Word format along with a scanned copy of the signed certification page (page 1) through the Commission’s secure upload facility:

**Web address:** <https://dropbox.usitc.gov/oinv/> **Pin:** SUN2

- **E-mail.**—E-mail your questionnaire to the investigator identified on page 4 of this questionnaire; include a scanned copy of the signed certification page (page 1).

*Please note that submitting your questionnaire by e-mail may subject your firm’s business proprietary information to transmission over an unsecure environment and to possible disclosure. If you choose this option, the Commission warns you that any risk involving possible disclosure of such information is assumed by the submitter and not by the Commission.*

- **Compact disc (CD).**—Copy your MS Word questionnaire onto a CD. Also please include a signed certification page (page 1), and mail to the U.S. International Trade Commission, 500 E. Street, SW, Washington, DC 20024. *It is strongly recommended that you use an **overnight mail service**. U.S. mail sent to government offices undergoes additional processing which not only results in substantial delays in delivery but may also damage CDs.*

Note: If you are a party to the proceeding, and service of the questionnaire is required, such service should be made in paper form.

**If you determine that your firm does not produce or export this product**, please complete page 1 of the respective questionnaire by: (1) Filling in your name and address, (2) Checking the “no” box, (3) Signing the bottom of page 1, and (4) Returning page 1 to the Commission using any of the methods listed above.