

**Form EIA-63B, “Annual Photovoltaic Module/Cell
Manufacturers Survey,”
Internet Data Collection (EIA63B-IDC)
User’s Manual**

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1. Overview

The Form EIA-63B Internet Data Collection (EIA63B-IDC) application is used as a web-based front end for the annual renewable survey Form EIA-63B. It provides an efficient and effective method for receiving respondent data via the Internet. Users of the system are classified into a single type of user called IDC Respondents. After entering all appropriate data, the respondent will submit his / her data. On submission, the EIA database will be immediately updated with the respondent's current cycle data. The application performs three types of data editing. The first type of edit is form validation to prevent incorrect or invalid data and data format. The second type of edit is called tier one edits. These edits are performed at the data field level and do not allow the respondent to leave the data field until the data are correct. Data errors are indicated with an informative message describing the type of error that has been made. The third type of error is called tier two edits. These edits are run using the review edits link provided under the "Process Tab", see Figure 16. The results of these edits are viewed using the error log as shown in Figure 17. This submission will not be processed until all edits have been resolved or an explanation is provided. The application allows users to save partially completed forms by selecting the save button located on the right hand corner of each tab once data entry for a tab is complete. The application allows the user to submit their data during the specified time that the survey is open. Also, it gives the user the availability of previewing a printer-friendly version of the on-line submission. When the data are received by EIA, an e-mail notification will be sent to the respondent indicating that his / her submission was successful. It is used by outside users (Survey Respondents) only in collecting and editing survey data from the annual survey Form EIA-63B, "Annual Photovoltaic Module/Cell Manufacturers Survey." It is developed using Oracle PL SQL, Oracle JDeveloper, and Java Developer Tool Kit. It resides on a web application server on the EIA Internet Screen Subnet. This is the second release and version 1.1 of the application.

2. Logon Window

To access the SSO logon window, the following URL should be entered into the web browser address box: <https://signon.eia.doe.gov/ssoserver/login>

In order to use the EIA63B-IDC Web application, the respondent must first register and log on to the EIA SSO application. In order to be able to logon, the respondent must receive two e-mails with the logon credentials as well as the link to the application. These e-mails will be developed after the system is released for production and will be included in this document at that point in time. The following links are found on the logon window:

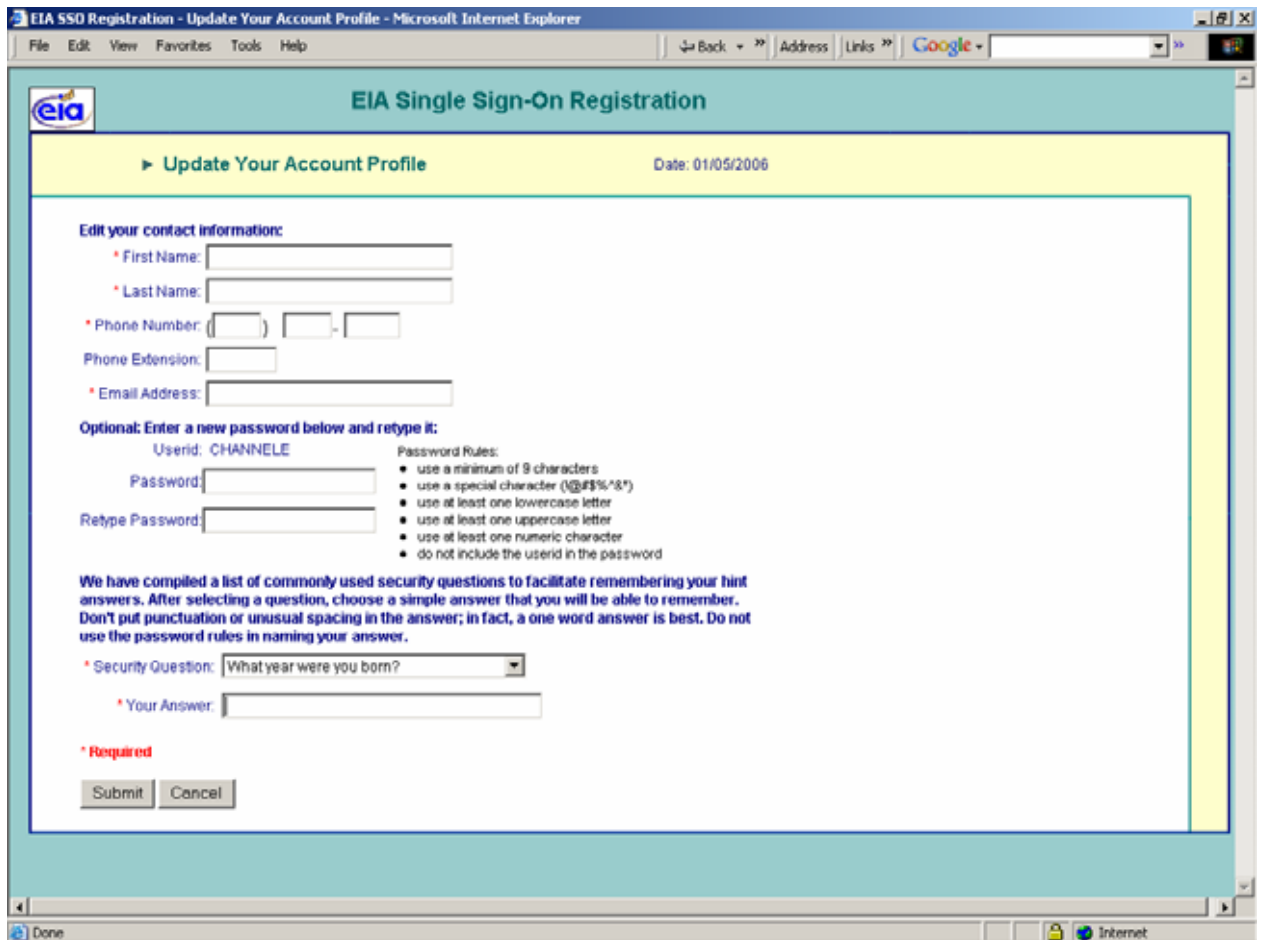
- Register for a Userid
- Forgot the password?
- Frequently Asked Questions
- Security and Privacy Statement
- User Services Center

The screenshot shows a web browser window titled "EIA Single Sign On Login Screen - Microsoft Internet Explorer". The address bar contains the URL "https://signon.eia.doe.gov/ssoserver/login". The main content area displays the "energy information administration" logo in green and blue. Below the logo, it says "Welcome to the EIA Single Sign On Login System". There is a notice for "EIA-412 Respondents" and a red warning about internet data collection applications being unavailable from Saturday at 6:00pm until Sunday at 12:00am. The login form includes "Userid:" and "Password:" labels with corresponding input boxes, and a "Logon" button. Below the form are links for "Register for a Userid", "Forgot your password?", "Frequently Asked Questions", and "Security and Privacy Statement". At the bottom, there is contact information for the "User Services Center" and "CNEAF Help Center". A "User Notification" box at the bottom contains a disclaimer about the federal computer system and privacy expectations.

Figure 1. SSO Login Window

2.1. Register for a Userid

This window is used to gather information, which is used to assign the respondent's Single Sign-on credentials. The user will fill this form out and click the Submit button.



The screenshot shows a web browser window titled "EIA SSO Registration - Update Your Account Profile - Microsoft Internet Explorer". The page header includes the EIA logo and the text "EIA Single Sign-On Registration". Below the header, there is a yellow banner with the text "Update Your Account Profile" and "Date: 01/05/2006".

The main content area contains the following sections:

- Edit your contact information:**
 - * First Name:
 - * Last Name:
 - * Phone Number: () -
 - Phone Extension:
 - * Email Address:
- Optional: Enter a new password below and retype it:**
 - Userid: CHANNELE
 - Password:
 - Retype Password:
 - Password Rules:**
 - use a minimum of 9 characters
 - use a special character (@#%*~&*)
 - use at least one lowercase letter
 - use at least one uppercase letter
 - use at least one numeric character
 - do not include the userid in the password
- We have compiled a list of commonly used security questions to facilitate remembering your hint answers. After selecting a question, choose a simple answer that you will be able to remember. Don't put punctuation or unusual spacing in the answer; in fact, a one word answer is best. Do not use the password rules in naming your answer.**
 - * Security Question:
 - * Your Answer:

At the bottom of the form, there is a red asterisk indicating required fields, and two buttons: "Submit" and "Cancel".

Figure 2. EIA Single Sign-On Registration

2.2. Forgot the password?

This window is used to assign a new password if the original password has been lost or has become unavailable. The user is prompted to answer a secret question that was first determined when he / she was assigned a userid. The user will enter a new password twice following the prescribed formats in the bulleted list below. The user will then click on the Logon button.

EIA Single Sign On Password Help - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Address Links Google

energy information administration

Password Help

Logon Name: CHANNELE

Question: What year were you born?

Answer:

Enter a New Password:

Re-enter New Password:

Password Rules

- Use a minimum of 9 characters.
- Use a special character (!@#%*^&*)
- Use at least one lower case letter.
- Use at least one numeric character.
- Use at least one upper case letter.
- Do not include the userid in the password.

Logon Cancel

Done Internet

Figure 3. Forgot Password window

2.3. Frequently Asked Questions

This window contains frequently asked questions about the EIA web application and provides answers to those questions.

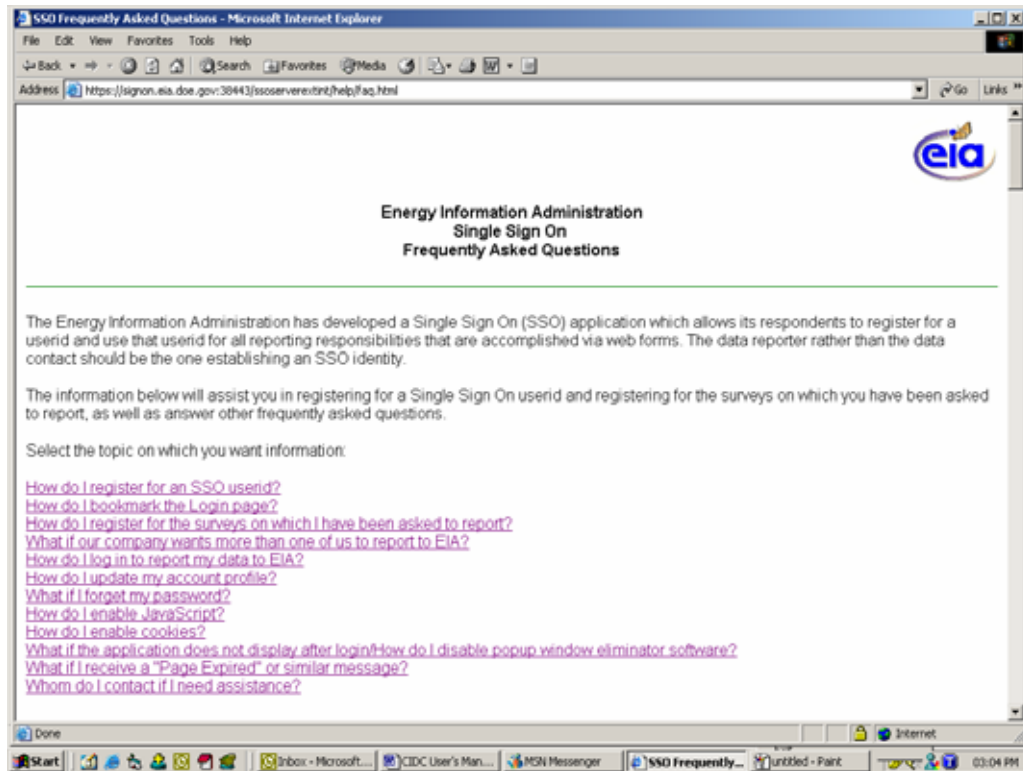


Figure 4. Frequently Asked Questions window

2.4. Security and Privacy Statement

This page contains a security notice and the website privacy policy. We request that the user read all sections to become familiar with security and privacy relating to this website.

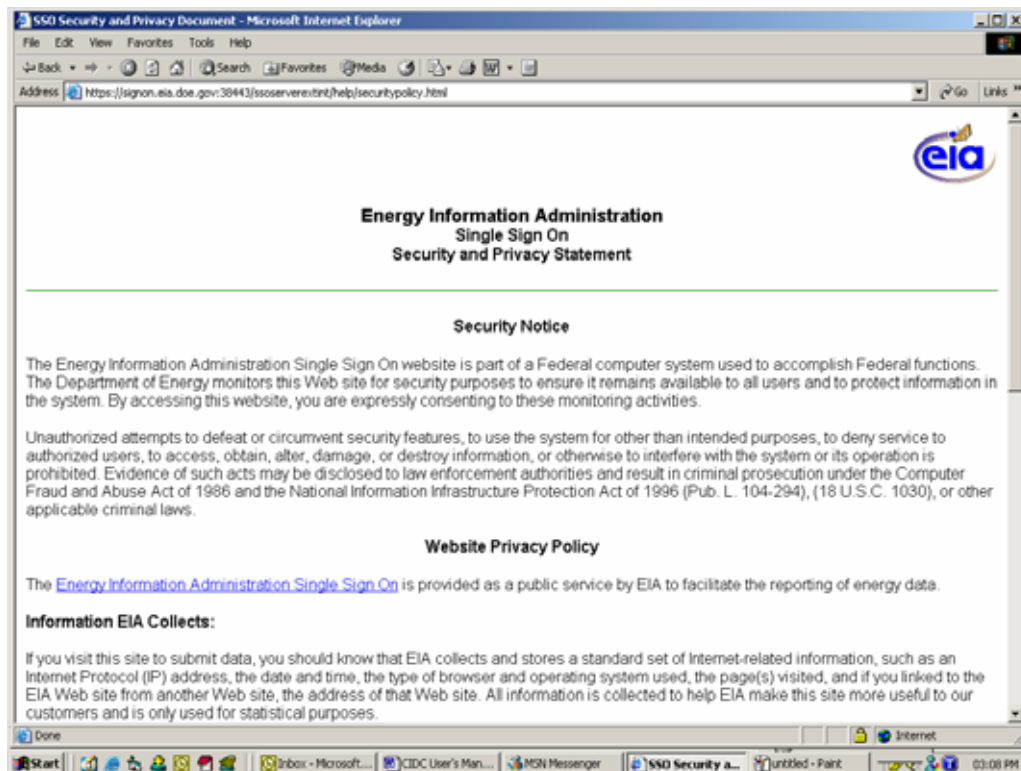


Figure 5. Security and Privacy Statement window

2.5. User Services Center

The respondent will click on this link to send e-mail to the User Services Center. The e-mail subject should be about web-related difficulties or questions and answers not found in the Frequently Asked Questions page. Any other matters not related to the website should not be directed through this e-mail address.

2.6. CNEAF Help Center

The user will click on this link if he / she has specific survey data issues such as a question or problems, including permissions to access specific surveys.

3. Applications Survey Window

The Applications Survey window displays a list of all reports available, including the EIA63B-
IDC application. Also available are links for adding coal, nuclear and other survey reporting
capability, updating the respondent's account profile and changing the respondent's password.

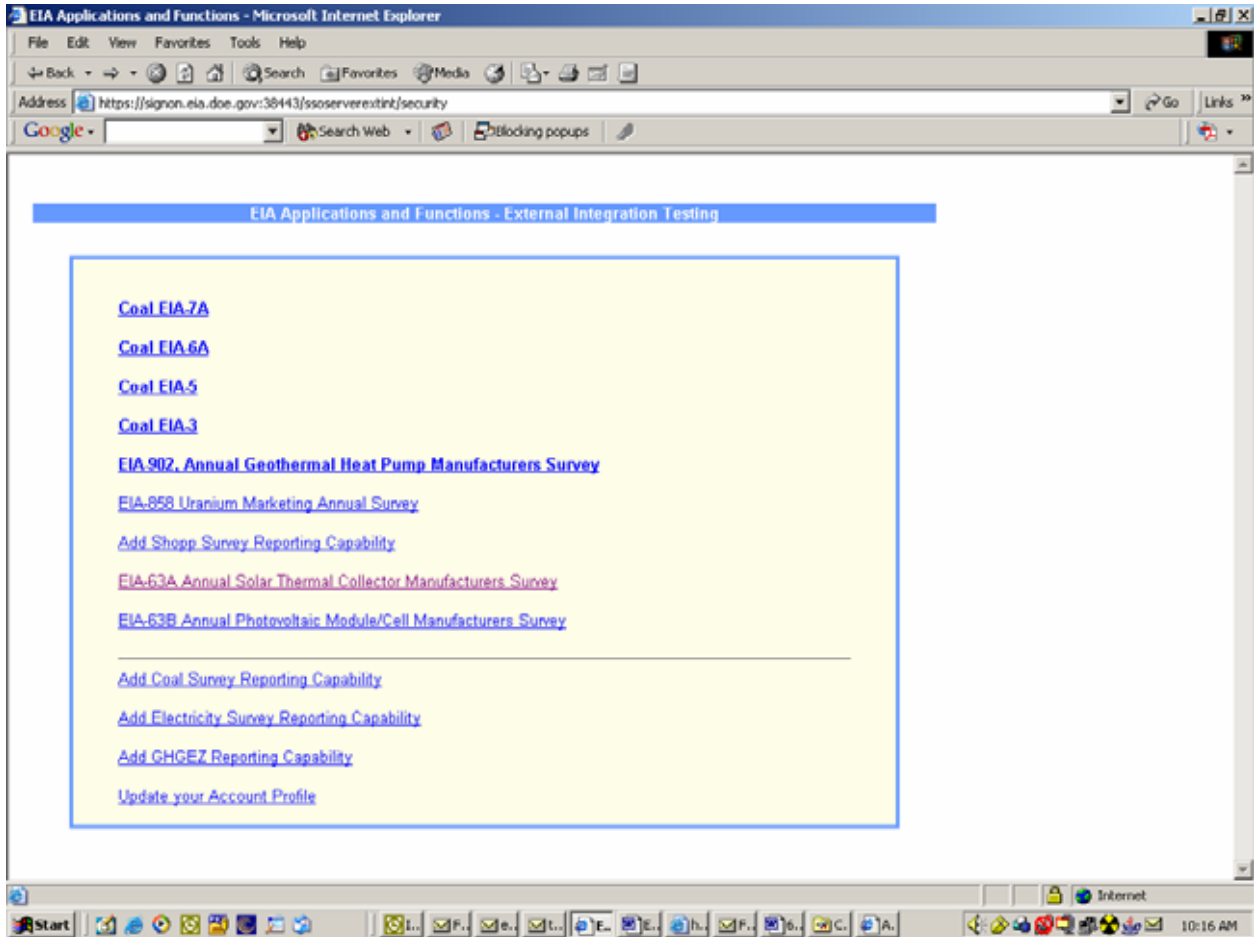


Figure 6. Applications Survey Window

4. Form EIA-63B, Annual Photovoltaic Module/Cell Manufacturers Survey.

The Annual Photovoltaic Module/Cell Manufacturers Survey main window contains several areas that will be explained.

1. There is a popup menu as displayed in Figure 7. To access this popup window, the respondent may use the mouse pointer to move over the report name link (i.e. Select COMPANY) or the picture(s) on the left side of the window to cause the popup menu to appear as in Figure 8. The respondent can then see the Company. The respondent can click on any of the COMPANY links to access the detail of the form.
2. The Division Director's latest notice regarding the renewable surveys can be found in the middle of the page.
3. To read instructions regarding filling out the survey, click the EIA-63B Help link in the lower right corner of the screen. A window will appear containing instructions on filling out the form.
4. To submit feedback regarding the Web site, click the Feedback link at the bottom center of the window. A feedback box will appear allowing the user to submit feedback text.
5. To update the user profile, click the link below the Welcome message.
6. To view a text only version of the Company ID List, click the "Text only Company Id list" link. (Figure 9)



Figure 7. EIA63B Annual Photovoltaic Module/Cell Manufacturers Survey Main Window



Figure 8. EIA63B Annual Photovoltaic Module/Cell Manufacturers Survey Detail Window



Figure 9. EIA63B Company Text Only Detail Window

4.1. Company Detail Window

After clicking on a Company, the Section 1 and 2 Page will appear (see Figure 10). This page contains all the data elements in section 1 and section 2 of the form.

This page contains tabs to access different sections of the form. Figure 10 shows the upper portion of the form. If the respondent's computer screen setting does not allow for a view of the entire form section on a single screen, the respondent can use the scrollbar located on the right side of the window to scroll down to the end of the displayed window. These tabs correspond to the areas found on the printed version of the form. If a certain section is not required for a particular operation, that portion of the form will be read-only and shaded. A glossary is available for keywords in the form. Each keyword is highlighted in blue. To access the glossary, the user will move the mouse over the blue text. The text will turn red and an underline will appear beneath the text. The user will click on the text and a window will appear explaining the meaning. Each page has a link to go back to the main report page and link for form instructions.

4.2. Section 1 and 2 tab

The user will enter all the information pertinent to the company manufacturing status. If the company address information needs to be updated, the user will click on the link indicated. The company address link is available by clicking on the Update Company Info link in the header of each section.

The screenshot displays the 'Annual Photovoltaic Module/Cell Manufacturers Survey' form. At the top, the EIA logo and website URL (www.eia.doe.gov) are visible. The form is titled 'Annual Photovoltaic Module/Cell Manufacturers Survey' and is identified as Form EIA-63B, U.S. Department of Energy, Energy Information Administration. The form is approved by OMB No. 1905-0196 and expires on 11/30/2010. A navigation bar at the top includes tabs for Section 1 & 2, Section 3, Section 4.1-4.7, Section 4.8-4.10, Section 5, Section 6, Comments, and Process. Below the navigation bar, a table shows the current data entry row: Year 2005, Company Id 477, Company Name Matrix Solar Technologies, Attention Bernard Stuart, and a Save button. The main content area is divided into two sections. Section 1, 'Company Identification', contains fields for Company Name (Matrix Solar Technologies), Address (123), City, State (American Samoa), and Zip (00123). A contact email (Peter.Wong@eia.doe.gov) and a Google Toolbar autofill notice are also present. Section 2, 'Manufacturing Status', includes a note about definitions and a set of questions (2.1 and 2.2) with dropdown menus for Yes/No answers. Question 2.1 asks about manufacturing and shipping during the current period, and Question 2.2 asks about future plans. A 'Click the next tab to continue with your submission.' instruction is at the bottom. The footer contains contact information for the Energy Information Administration, including the address 1800 Independence Avenue, SW, Washington, DC 20585.

Figure 10. Section 1 and 2 Tab

4.3. Section 3.

The user will enter or indicate all pertinent manufacturer and marketing data information for the company. See Figure 11 for details.

The screenshot shows the 'Annual Photovoltaic Module/Cell Manufacturers Survey' Form EIA-63B. The header includes the EIA logo, the website 'www.eia.doe.gov', and the title 'Annual Photovoltaic Module/Cell Manufacturers Survey'. It also states 'Form Approved OMB No. 1905-0286 Expires: 11/30/2010' and 'U.S. Department of Energy • Energy Information Administration • Form EIA-63B'. A navigation bar contains tabs for 'Section 1 & 2', 'Section 3', 'Section 4.1 - 4.7', 'Section 4.8 - 4.10', 'Section 5', 'Section 6', 'Comments', and 'Process'. Below the navigation bar is a table with the following data:

Year	Company ID	Company Name	Attention
2005	477	Mann Solar Technologies	Bernard Stuart

A 'Save' button is located to the right of the table. The main content area is titled 'Section 3.0 Manufacturer and Marketing Data'. It contains three sections of questions:

3.1 Check 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. Module or cell manufacturing
- b. Module or system design
- c. Prototype module development
- d. Prototype systems development
- e. Wholesale distribution of modules
- f. Retail distribution of modules
- g. Installation
- h. Manufacture of system components—other than those used for module assembly
- i. 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.

- a. Single-crystal silicon modules/cells
- b. Cast silicon modules/cells
- c. Ribbon silicon modules/cells
- d. Amorphous silicon modules/cells
- e. Other (thin-film)-specify:
- f. Other (flat-plate)-specify:
- g. Other (Concentrator)-specify:
- h. 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. (Please enter person-years, for clarification of "person-year" see the instructions.)

3.4 What percentage of your company's total sales revenue do photovoltaic-related activities compose?

At the bottom of the form, there is contact information for data submission help and the Energy Information Administration, EI 62, 1000 Independence Avenue, SW, Washington, DC 20585. The browser status bar at the bottom shows 'Done', 'Internet', and '100%' zoom.

Figure 11. Section 3 Tab

4.4. Section 4.1 – 4.7 Tab

The respondent will enter all information pertaining to the company’s photovoltaic cell and module as listed in Figure 12. This tab corresponds to Section 4 of the form, questions 4.1 through 4.7. The user will be required to use the scroll bar on the right hand side of the page in order to view and complete the entire section of this form.

Annual Photovoltaic Module/Cell Manufacturers Survey
 Form Approved OMB No. 1905-0196 Expires: 11/30/2010
 U.S. Department of Energy • Energy Information Administration • Form EIA-43B

Section 1 & 2 | Section 3 | **Section 4.1 - 4.7** | Section 4.8 - 4.10 | Section 5 | Section 6 | Comments | Process

Year: 2005 | Company ID: 477 | Company Name: Mantis Solar Technologies | Attention: Bernard Stuart | Save

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 (k)
	Crystalline Silicon			Thin Film		Concentrator (k)	Other (specify) (k)	
	Single Crystal (Monocrystalline) (a)	Cell (b)	Polysilicon (c)	Amorphous Silicon (d)	Other (specify) (e)			
4.1 Total Collector Shipments (in peak kilowatts)								
(1) Total net module shipments	50,000.5	50,000	50,000	50,000	50,000	50,000	50,000	350,000.5
(2) Total net cell shipments	10,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000
(3) Total quantity of shipments	60,000.5	60,000	60,000	60,000	60,000	60,000	60,000	420,000.5
4.2 Value of Shipments (dollars)								
(1) Value of module shipments	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,500,000
(2) Value of cell shipments	100,000	100,000	100,000	100,000	100,000	100,000	100,000	700,000
(3) Total value of shipments	600,000	600,000	600,000	600,000	600,000	600,000	600,000	4,200,000
4.3 Energy Conversion Efficiency (in per peak kilowatts)								
Percent of Name-Plated (Standard Conditions)		89	80.77	88	99.99	45	52.41	
4.4 Domestic Shipments by Sector (in peak kilowatts)								
(1) Residential	10,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000
(2) Commercial	10,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000
(3) Industrial	10,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000
(4) Electric Power	10,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000
(5) Transportation	5,000	5,000	5,000	5,000	5,000	5,000	5,000	35,000
(6) Total domestic shipments by sector*	45,000	45,000	45,000	45,000	45,000	45,000	45,000	315,000
4.5 Domestic Shipments by End Use (in peak kilowatts)								
(1) Health	10,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000
(2) Water Pumping	5,000	5,000	5,000	5,000	5,000	5,000	5,000	35,000
(3) Transportation	5,000	5,000	5,000	5,000	5,000	5,000	5,000	35,000
(4) Communication	5,000	5,000	5,000	5,000	5,000	5,000	5,000	35,000
(5) Consumer goods	5,000	5,000	5,000	5,000	5,000	5,000	5,000	35,000
(6) Electric generation								
(7) Grid Interactive (connected to grid)	5,000	5,000	5,000	5,000	5,000	5,000	5,000	35,000

Figure 12. Section 4.1 – 4.7 Tab

4.5. Section 4.8 – 4.10 Tab

The respondent will enter all pertinent information on solar collectors manufactured by the company, including country(ies) of origin, country(ies) of destination for exports and peak kilowatt hours of cells and modules from Section 4.1 which were shipped. The user will be required to use the scroll bar on the right hand side of the page in order to view and complete the entire section of this form.

The screenshot displays the 'Annual Photovoltaic Module/Cell Manufacturers Survey' form. The header includes the eia logo, the website www.eia.doe.gov, and the U.S. Department of Energy Energy Information Administration Form EIA-63B. The form is currently on the 'Section 4.8 - 4.10' tab. The user information shows Year 2005, Company ID 477, Company Name Mann Solar Technologies, and Attention Bernard Stuart. A 'Save' button is visible.

4.8 List of Country(ies) of Origin of Imports in 4.6 and Shipments (in Peak Kilowatts)

Delist?	Country Name	Shipments (Peak Kilowatts)
<input type="checkbox"/>	Bolivia	70,000.5
<input type="checkbox"/>	Argentina	35,000
Total:		105,000.5

Buttons: Delete, Save, Add, 1

4.9 List of Country(ies) of Destination for Exports in 4.7 and Shipments (in Peak Kilowatts)

Delist?	Country Name	Shipments (Peak Kilowatts)
<input type="checkbox"/>	Belize	35,000
<input type="checkbox"/>	Anguilla	60,000.5
<input type="checkbox"/>	Antigua and Barbuda	10,000
Total:		105,000.5

Buttons: Delete, Save, Add, 1

4.10 Domestic Shipments of Cells and Modules by Customer Type (in peak kilowatts)

	Modules (Peak Kilowatts)	Cells (Peak Kilowatts)
(a) Exporters	50,000	10,000
(b) Module Manufacturers		5,000
(c) Wholesale Distributors	30,000	5,000
(d) Retail Distributors	50,000	5,000
(e) Installers	50,000	5,000

Figure 13. Section 4.8 – 4.10 Tab

4.6. Section 5 Tab

The respondent will enter the data requested on Section 5 of the form for the company as represented by Figure 14.

The screenshot shows a web browser window displaying the 'Annual Photovoltaic Module/Cell Manufacturers Survey' form. The page header includes the EIA logo, the website 'www.eia.doe.gov', and the title 'Annual Photovoltaic Module/Cell Manufacturers Survey'. It also states 'U.S. Department of Energy • Energy Information Administration • Form EIA-63B' and 'Form Approved OMB No. 1905-0196 Expires: 11/30/2010'. A 'Home' link is visible in the top right.

The navigation tabs at the top are: Section 1 & 2, Section 3, Section 4.1 - 4.7, Section 4.8 - 4.10, Section 5 (selected), Section 6, Comments, and Process.

Below the tabs is a table with the following data:

Year	Company Id	Company Name	Attention
2005	477	Manns Solar Technologies	Bernard Stuart

A 'Save' button is located to the right of the 'Attention' field.

The main content area is titled '5.0 Systems Data' and contains three questions with input fields:

- 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)?

At the bottom of the form, there is contact information for data submission help and the Energy Information Administration address: 'Energy Information Administration, EI #2, 1000 Independence Avenue, SW, Washington, DC 20585'. A 'EIA-63B Help' link is also present.

The browser's status bar at the bottom shows 'Internet' and a zoom level of '100%'.

Figure 14. Section 5 Tab

4.7. Section 6

The respondent will enter the data requested on Section 6 of the form for the company as represented by Figure 14. The user may delete, add or save additional lines of geographic information for questions 6.1 and 6.2 using the buttons indicated on the form. For example, the user may add additional lines of geographic data by selecting the add button. Multiple lines can be added by increasing the number of lines to be added in the box next to the add button. The user may delete a line or multiple lines of geographic information by checking the box on the line under the column header delete and selecting the delete button. The user may save changes by selecting the save button. Any additions, deletions or changes to information must be saved prior to exiting the schedule. The user may be required to use the scroll bar on the right hand side of the page in order to view and complete the entire section of this form.

Annual Photovoltaic Module/Cell Manufacturers Survey
 Form Approved OMB No. 1905-0196 Expires: 11/30/2010
 U.S. Department of Energy • Energy Information Administration • Form EIA-610

Section 1 & 2 | Section 3 | Section 4.1 - 4.7 | Section 4.8 - 4.10 | Section 5 | Section 6 | Comments | Process

Year: 2005 | Company ID: 477 | Company Name: Mann Solar Technologies | Attention: Bernard Stuart | Save

6.0 Geographic Data

6.1 Please enter each state U.S. territory in which you manufactured. If you imported collectors also mark the "Imported" (Code 00). Then report square footage of the your company's collectors manufactured imported. Report the square footage of your company's collectors manufactured in the State U.S. Territory or possession listed. If some collectors were imported from another country, please indicate the square footage under "Imported" and report details about the country imported from in question 4.7.

Delete*	State Name	Modules/Cells Imported or Manufactured in the State (Peak Kilowatts)
<input type="checkbox"/>	Federated States of Micronesia	115.000
<input type="checkbox"/>	Northern Mariana Islands	200.000
<input type="checkbox"/>	Imported	105.000.5
Total:		420.000.5

Delete Save Add 1

6.2 Please enter each State U.S. Territory or possession in which you shipped. If you exported collectors also mark the "Exported" (Code 00). Then report the square footage of your company's collector's shipped exported and report details about the country exported to in question 4.8. Report the square footage of your company's collectors likely to have been shipped to the States U.S. Territories or possessions, this indicates shipments to the State U.S. Territory or possession of manufacture.

Delete*	State Name	Modules/Cells Exported or Shipped to a State (Peak Kilowatts)
<input type="checkbox"/>	Guam	115.000
<input type="checkbox"/>	Northern Mariana Islands	200.000
<input type="checkbox"/>	Exported	105.000.5
Total:		420.000.5

Delete Save Add 1

Figure 14. Section 6 Tab

4.8. Comments

The user will enter any comments he / she feels will clarify entries the user has made.

The screenshot displays the 'Comments' tab of the EIA-638 Annual Photovoltaic Module/Cell Manufacturers Survey. The page header includes the EIA logo, the website URL (www.eia.doe.gov), the survey title, and the U.S. Department of Energy logo. The form is for Form EIA-638, approved OMB No. 1905-0196, with an expiration date of 11/30/2010. The navigation menu shows tabs for Section 1 & 2, Section 3, Section 4.1 - 4.7, Section 4.8 - 4.10, Section 5, Section 6, Comments (selected), and Process. The main content area contains a table with the following data:

Year	Company Id	Company Name	Attention
2005	477	Mattis Solar Technologies	Bernard Stuart

Below the table is a large text area labeled 'Comments:' with a vertical scrollbar on the right. A 'Save' button is located to the right of the table. At the bottom of the form, there is a footer with contact information for data submission help and the Energy Information Administration address.

For Data Submission Help:
Peter Wong: 202-586-7874
email: eia-638@eia.doe.gov

Energy Information Administration, EI #2
1000 Independence Avenue, SW
Washington, DC 20088

Figure 15. Comments Tab

4.9. Process Tab

The process tab (Figure 16) is the location where the respondent can submit the final form. There are several sections worth mentioning on this tab. By clicking the Preview link, the respondent can view a printable version of the complete form. After previewing the report, the respondent can print the form by selecting File and then Print from the browser's tool bar. There is also a link for running the tier two edits referenced in the Overview Section of this manual. By clicking on the view edits link a new window is opened, allowing the respondent to view data errors in the submission via an error log. An example error log is shown in Figure 17. The user may be required to use the scroll bar on the right hand side of the page in order to view the complete error log.

To submit the completed report all edits must be resolved as referenced in the Overview Section of this manual. The respondent clicks the Final Submission button on the middle left side of the window. This button will only be available to the user after all edits are resolved.

After submission, the respondent will receive an acknowledgement e-mail from EIA, indicating that the data have been received. The application will then return to the main window. After opening the Company pop up window, the percentage of completion for this form should show 100 percent. The form has been completed and the respondent may exit the application or continue filling out additional forms for other Company Ids.

The screenshot shows the 'Process' tab of the EIA-638 Annual Photovoltaic Module/Cell Manufacturers Survey. The page header includes the EIA logo, the website URL www.eia.doe.gov, and the survey title. It also displays 'Form Approved OMB No. 1905-0196 Expires: 11/30/2010' and a 'Home' link. A navigation menu contains links for Section 1 & 2, Section 3, Section 4.1 - 4.7, Section 4.8 - 4.10, Section 5, Section 6, Comments, and Process. Below the menu is a table with the following data:

Year	Company Id	Company Name	Attention
2005	477	Mann Solar Technologies	Bernard Stuart

Below the table is a 'Save' button. The main content area contains the following text:

[Click Here to review a printable version.](#)

[Click Here to review edits](#)
There are 1 edit in this submission. This submission will not be processed until all edits have been resolved or an explanation is provided.

[Finalize Submission](#)

Send current data to the Energy Information Administration. Only one submission per Company id will be accepted. Please contact Peter Wong, Survey Manager at Peter.Wong@eia.doe.gov or 202-586-7574 for any revisions or questions about this submission.

EIA-638 Help

For Data Submission Help:
Peter Wong: 202-586-7574
email: eia-638@eia.doe.gov

Energy Information Administration, EI 82
1000 Independence Avenue, SW
Washington, DC 20585

Figure 16. Process Tab

The screenshot displays the EIA-63B Edit Report interface. At the top, there is a header with the EIA logo, the website URL www.eia.doe.gov, and the title "Annual Photovoltaic Module/Cell Manufacturers Survey". It also includes the U.S. Department of Energy and Energy Information Administration logos, and the form number EIA-63B. On the right side of the header, it says "Form Approved OMB No. 1905-0196 Expires: 11/30/2010" and a "Close Edit Log" link.

Below the header is a table with the following information:

Year	Company Id	Company Name
2005	477	Matrox Solar Technologies

The main content area is titled "EIA-63B Edit Report" and contains three error messages:

- Edit 1:** Section 3.3 Number of Person-Years in not within 50% of previous year data. **Current Value:** 99.99. Includes a "Click Here" link to go to the error and close the edits window, a checked checkbox to "Click here to override the above edit.", and a text box with "OK" entered.
- Edit 2:** Section 4.10 Total Modules must equal the total in section 4.1(1)(b) minus section 4.7(1)(b). **Current Value:** 180,002. Includes a "Click Here" link to go to the error and close the edits window, and an unchecked checkbox to "Click here to override the above edit."
- Edit 3:** Section 4.10 Wholesale Distributors Modules is not within 50% of previous year data. **Current Value:** 90,000. Includes a "Click Here" link to go to the error and close the edits window, a checked checkbox to "Click here to override the above edit.", and a text box with "OK" entered.

At the bottom of the main content area is a "Submit Changes" button. Below that is a footer with "EIA-63B Help" and contact information for data submission help (Peter Wang) and the Energy Information Administration.

Figure 17. Error Report