

FIRST SOLAR, INC.  
Form 8-K  
January 31, 2007

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549  
FORM 8-K  
CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported): January 25, 2007**

**FIRST SOLAR, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**

**001-33156**

**20-4623678**

(State or other jurisdiction  
of incorporation)

(Commission  
File Number)

(I.R.S. Employer  
Identification No.)

**4050 East Cotton Center Boulevard  
Building 6, Suite 68  
Phoenix, Arizona 85040**

(Address of Principal Executive Offices) (Zip Code)

**Registrant's telephone number, including area code: (602) 414-9300**

Not Applicable

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 8.01. Other Events**

On January 25, 2007, First Solar announced that it will expand production with a new four-line solar module manufacturing plant with an expected minimum annual capacity (or nameplate capacity) of 100MW. The manufacturing plant will be located in Kulim Hi Tech Park located in Kedah, Malaysia.

A copy of the press release announcing the new four-line solar module manufacturing plant is attached hereto as Exhibit 99.1.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits.

99.1 Press Release of First Solar issued on January 25, 2007.

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**Signature**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**FIRST SOLAR, INC.**

Date: January 31, 2007

By: /s/ I. Paul Kacir  
Name: I. Paul Kacir  
Title: Vice President, General Counsel and  
Corporate Secretary