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): July 13, 2006

SUNPOWER CORPORATION

(Exact Name of Registrant as Specified in Charter)

Delaware (State or Other Jurisdiction 000-51593 (Commission File No.) 94-3008969 (I.R.S. Employer

Identification No.)

of Incorporation)

3939 North First Street, San Jose, California 95134

(Address of Principal Executive Offices) (Zip Code)

Registrant s telephone number, including area code:

(408) 240-5500

N/A

(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))

Item 8.01. Other Events.

On July 13, 2006, SunPower issued a press release announcing its purchase of a 40,000 square meter facility in the Philippines which is expected to house ten solar cell manufacturing lines. SunPower had previously disclosed that it was planning to construct a new solar cell manufacturing facility adjacent to its existing facility in the Philippines.

A copy of the press release is attached to this report as Exhibit 99.1, and is incorporated by reference herein. The information set forth in this Item 8.01 shall not be deemed an admission as to the materiality of any information in this report on Form 8-K.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.

DescriptionPress Release dated July 13, 2006 99.1

SIGNATURES

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.

Date: July 14, 2006

SunPower Corporation

By: /s/ Emmanuel Hernandez Name: Emmanuel Hernandez Title: Chief Financial Officer

Exhibit No. Description

99.1 Press Release dated July 13, 2006