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): October 12, 2006

SUNPOWER CORPORATION

(Exact Name of Registrant as Specified in Charter)

000-51593 94-3008969 **Delaware**

(State or Other Jurisdiction of Incorporation) 3939 North First Street, San Jose, California 95134

(Commission File No.)

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

(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 1.01. Entry into a Material Definitive Agreement

On October 12, 2006, SunPower Corporation (SunPower) entered into a 1-year supply contract (the Agreement) with REC SiTech AS (REC SiTech). The Agreement provides the general terms and conditions pursuant to which REC SiTech will supply SunPower with fixed quantities of polysilicon ingots at fixed prices. The aggregate purchase price of the polysilicon ingots to be provided under the Agreement is approximately \$20 million through December 31, 2007.

Item 7.01. Regulation FD Disclosure.

On October 18, 2006, SunPower issued a press release announcing its entry into the Agreement. A copy of the press release is attached to this report as Exhibit 99.1. In accordance with General Instruction B.2 of Form 8-K, the information set forth herein and in the press release is deemed to be furnished and shall not be deemed to be filed for purposes of the Securities Exchange Act of 1934, as amended (the Exchange Act). The information set forth in Item 7.01 of this report shall not be deemed an admission as to the materiality of any information in this report on Form 8-K that is required to be disclosed solely to satisfy the requirements of Regulation FD.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit

No. Description

99.1 Press Release dated October 18, 2006

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: October 18, 2006

SunPower Corporation

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

Exhibit			
No.		Description	
99.1	Press Release dated October 18, 2006		