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): November 14, 2014

SunPower Corporation

(Exact name of registrant as specified in its charter)

001-34166 (Commission File Number)

Delaware

(State or other jurisdiction of incorporation)

94-3008969

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

77 Rio Robles, San Jose, California 95134 (Address of principal executive offices, with zip code)

(408) 240-5500

(Registrant's telephone number, including area code)

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 (see General Instruction A.2. below):

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

Item 2.05. Costs Associated with Exit or Disposal Activities.

On November 14, 2014, SunPower Corporation ("SunPower") announced a reorganization plan aimed towards realigning resources consistently with SunPower's global strategy and improving its overall operating efficiency and cost structure. In connection with this plan, which is expected to be completed by the end of fiscal 2015, SunPower expects approximately 85 to 115 employees to be affected, primarily in Europe, representing approximately 1% to 2% of SunPower's global workforce. SunPower expects to incur restructuring charges totaling approximately \$15 million to \$25 million, principally composed of severance benefits, lease and related termination costs, and other associated costs. A substantial portion of such charges are expected to be incurred in the fourth quarter of fiscal 2014, and SunPower expects more than 90% of total charges to be cash. The actual timing and costs of the plan may differ from SunPower's current expectations and estimates due to a number of factors, including uncertainties related to required consultations with employee representatives as well as other local labor law requirements and mandatory processes in the relevant jurisdictions.

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.

SUNPOWER CORPORATION

November 19, 2014 By: /s/ CHARLES D. BOYNTON

Name: Charles D. Boynton

Title: Executive Vice President and Chief Financial Officer