SUNPOWER CORP Form SD May 31, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Form SD

Specialized Disclosure Report

SunPower Corporation (Exact name of registrant as specified in its charter)

001-34166 (Commission File Number)

Delaware94-3008969(State or other jurisdiction(I.R.S. Employerof incorporation)Identification No.)

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

Lisa Bodensteiner Executive Vice President and General Counsel (408) 240-5500 (Name and telephone number, including area code, of the person to contact in connection with this report)

Check the appropriate box to indicate the rule pursuant to which this form is being filed, and provide the period to which the information in this form applies:

xRule 13p-1 under the Securities Exchange Act (17 CFR 240.13p-1) for the reporting period from January 1 to December 31, 2015

Section 1 – Conflict Minerals Disclosure Item 1.01 Conflict Minerals Disclosure and Report

As required by the Conflict Minerals Rule, a Conflict Minerals Report is provided as an Exhibit to this Form SD and is available on our website at http://investors.sunpower.com/. The information contained on our website is not incorporated by reference into this Form SD or our Conflict Minerals Report and should not be considered part of this Form SD or the Conflict Minerals Report.

Information concerning conflict minerals from recycled or scrap sources that may be contained in our in-scope products is included in the Conflict Minerals Report and is incorporated in this Form SD by reference.

Item 1.02 Exhibit

The Conflict Minerals Report required by Item 1.01 is filed as Exhibit 1.01 to this Form SD.

Section 2 – Exhibits Item 2.01 Exhibits Exhibit No.Description 1.01 Conflict Minerals Report for the calendar year ended December 31, 2015.

## 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

Dated: May 31, 2016 By: /S/ CHARLES D. BOYNTON Name: Charles D. Boynton Title: Executive Vice President and Chief Financial Officer

## EXHIBIT INDEX

Exhibit No. Description

1.01 Conflict Minerals Report for the calendar year ended December 31, 2015.