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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

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Washington, D.C. 20549  
**Form 8-K/A**  
**Amendment No. 1**

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**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 9, 2013**

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**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):

- ☐ 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 2.05. Costs Associated with Exit or Disposal Activities.**

On October 12, 2012, SunPower Corporation (“SunPower”) announced a reorganization to accelerate operating cost reduction and improve overall operating efficiency. Due to an increase in the expected amount of severance charges to be incurred under the previously announced restructuring plan, SunPower is filing this Amendment No. 1 to Current Report on Form 8-K to update the range of expected restructuring charges. As of January 9, 2013, SunPower expects to record restructuring charges totaling \$33.0 million to \$40.0 million, composed of severance benefits, lease and related termination costs, and other associated costs, the majority of which will likely be recorded in the fourth quarter of fiscal 2012. SunPower expects greater than 90% of these charges to be cash.

**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**

Date: January 11, 2013

By: /s/ CHARLES D. BOYNTON

Name: **Charles D. Boynton**

Title: **Executive Vice President and  
Chief Financial Officer**