

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>WERNER THOMAS H</u>  (Last) (First) (Middle) <u>C/O SUNPOWER CORPORATION</u> <u>77 RIO ROBLES</u>  (Street) <u>SAN JOSE</u> <u>CA</u> <u>95134</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>SUNPOWER CORP [ SPWRA ]</u>  3. Date of Earliest Transaction (Month/Day/Year) <u>06/15/2011</u>  4. If Amendment, Date of Original Filed (Month/Day/Year) <u>06/17/2011</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  <input checked="" type="checkbox"/> Director 10% Owner  <input checked="" type="checkbox"/> Officer (give title below) Other (specify below)  <u>Director, Pres and CEO</u>  6. Individual or Joint/Group Filing (Check Applicable Line)  <input checked="" type="checkbox"/> Form filed by One Reporting Person  Form filed by More than One Reporting Person
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Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Class A Common Stock	06/15/2011		U		610,027 <sup>(1)</sup>	D	\$23.25	39,543 <sup>(1)</sup>	D	
Class A Common Stock	06/15/2011		U		9,391 <sup>(1)</sup>	D	\$23.25	609 <sup>(1)</sup>	I	Held in Trust <sup>(2)</sup>
Class A Common Stock	06/15/2011		U		9,391 <sup>(1)</sup>	D	\$23.25	609 <sup>(1)</sup>	I	Held in Trust <sup>(3)</sup>

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. Amount has been amended from the estimate dated June 17, 2011 due to actual shares tendered under guaranteed delivery and pro rata acceptance by Total Gas & Power USA, SAS.
2. 609 shares held of record by The Suzanne M. Werner 2010 Grantor Retained Annuity Trust (the "SMW Trust"), of which Mr. Werner and his wife are co-trustees and Mrs. Werner is the beneficiary of the SMW Trust. Mrs. Werner has been delegated single control and voting power over the SMW Trust.
3. 609 shares held of record by the The Thomas H. Werner 2010 Grantor Retained Annuity Trust (the "THW Trust"), of which Mr. Werner and his wife are co-trustees and Mr. Werner is the beneficiary of the THW Trust. Mr. Werner has been delegated single control and voting power over the THW Trust.

Remarks:

Karla Rogers, as attorney-in-  
fact for Thomas H. Werner  
06/24/2011  
Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.