Gustafsson Mary Elizabeth Form 4 April 29, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * Gustafsson Mary Elizabeth

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

FIRST SOLAR, INC. [FSLR]

(Last) (First) 3. Date of Earliest Transaction (Month/Day/Year)

04/27/2013

Director 10% Owner Other (specify X_ Officer (give title

EVP, General Counsel, Secty.

(Check all applicable)

C/O FIRST SOLAR, INC, 350 WEST WASHINGTON STREET, SUITE 600

(Street)

(State)

(Middle)

(Zip)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

below)

TEMPE, AZ 85281

(City)

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. Transactic Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	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	Reported Transaction(s) (Instr. 3 and 4)	(IIIsti. +)	(III3ti. +)	
Common Stock	04/27/2013		M	3,076 (1)	A	\$ 0	29,361	D		
Common Stock	04/27/2013		F	1,567 (2)	D	\$ 44.08	27,794	D		

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

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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)	Execution Date, if any (Month/Day/Year)	Code	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)		Underlying Securities		8. Pr Deriv Secu (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	<u>(3)</u>	04/27/2013		M	3,076	<u>(4)</u>	<u>(4)</u>	Common Stock	3,076	\$

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Gustafsson Mary Elizabeth C/O FIRST SOLAR, INC 350 WEST WASHINGTON STREET, SUITE 600 TEMPE, AZ 85281

EVP, General Counsel, Secty.

Signatures

/s/ Peter C. Bartolino, Attorney-in-fact 04/29/2013

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- (1) Represents shares of common stock issued upon vesting of 40% of the restricted stock units granted on April 27, 2009.
- (2) Represents shares of common stock withheld by the Issuer to satisfy certain tax withholding obligations associated with the vesting of the restricted stock units.
- (3) Each restricted stock unit represents the right to receive, upon vesting, one share of the Issuer's common stock in accordance with the Issuer's Amended and Restated 2006 Omnibus Incentive Compensation Plan.
- (4) The restricted stock units were granted on April 27, 2009 and are fully vested.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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