

GILLETTE ROBERT J  
 Form 4  
 March 24, 2011

**FORM 4**

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

OMB APPROVAL

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**GILLETTE ROBERT J**

(Last) (First) (Middle)

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

(Street)

**TEMPE, AZ 85281-1244**

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**FIRST SOLAR, INC. [FSLR]**

3. Date of Earliest Transaction  
 (Month/Day/Year)  
**03/24/2011**

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**CEO**

6. Individual or Joint/Group Filing(Check Applicable Line)

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

**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 Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	03/24/2011		M	8,008 (1) A \$ 0	29,994	D	
Common Stock	03/24/2011		F	3,136 (2) D \$ 150.18	26,858	D	

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

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 (9-02)

**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 Underlying Securities (Instr. 3 and 4)	8. Price or Value of Underlying Securities (Instr. 3 and 4)
Restricted Stock Units	(3)	03/24/2011		M	8,008	(4) (4)	Common Stock	8,008

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GILLETTE ROBERT J C/O FIRST SOLAR, INC. 350 WEST WASHINGTON STREET, SUITE 600 TEMPE, AZ 85281-1244	X		CEO	

## Signatures

/s/ Peter C. Bartolino,  
Attorney-in-fact

03/24/2011

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 20% of the restricted stock units granted on March 24, 2010.
- (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 Plan.
- (4) The restricted stock units were granted on March 24, 2010 pursuant to the Reporting Person's Employment Agreement, with respect to fiscal year 2009. These units are scheduled to vest annually at a rate of 20% on each of the first three anniversaries of the grant date, with the remaining 40% scheduled to vest on the fourth anniversary of the grant date.

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.