

Zhu James
Form 4
April 29, 2010

FORM 4

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

OMB APPROVAL

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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 *
Zhu James

(Last) (First) (Middle)

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

(Street)

TEMPE, AZ 85281

(City) (State) (Zip)

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

3. Date of Earliest Transaction
(Month/Day/Year)
04/27/2010

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)
Chief Accounting Officer

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 Beneficial Ownership (Instr. 4)			
			Code	V	Amount or Price					
Common Stock	04/27/2010		M		1,079 ⁽¹⁾	A	\$ 0	3,908	D	
Common Stock	04/27/2010		F		335 ⁽²⁾	D	\$ 128.36	3,573	D	
Common Stock	04/28/2010		M		709 ⁽³⁾	A	\$ 0	4,282	D	
Common Stock	04/28/2010		F		220 ⁽²⁾	D	\$ 128.13	4,062	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)	Amount or Number of Shares
Restricted Stock Units	(4)	04/27/2010		M	1,079	04/27/2010 ⁽⁵⁾	Common Stock	1,079
Restricted Stock Units	(4)	04/28/2010		M	709	04/28/2009 ⁽⁶⁾	Common Stock	709

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Zhu James
C/O FIRST SOLAR, INC.
350 WEST WASHINGTON STREET, SUITE 600
TEMPE, AZ 85281

Chief Accounting Officer

Signatures

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

04/29/2010

**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 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.

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- (3) Represents shares of common stock issued upon vesting of 20% of the restricted stock units granted on April 28, 2008.
- (4) 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.

The restricted stock units were granted on April 27, 2009 as part of the Issuer's annual equity grant to executive officers. These units are

- (5) scheduled to vest annually at a rate of 20% on each of the first three anniversaries of the grant date, and 40% on the fourth anniversary of the grant date.

The restricted stock units were granted on April 28, 2008 as part of the Issuer's annual equity grant to executive officers. These units are

- (6) scheduled to vest annually at a rate of 20% on each of the first three anniversaries of the grant date, and 40% 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.

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