Eaglesham David J Form 4 April 29, 2011

FORM 4

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

OMB 3235-0287 Number:

OMB APPROVAL

Check this box if no longer subject to Section 16. Form 4 or

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

January 31, Expires: 2005 Estimated average

0.5

Form 5 obligations may continue. See Instruction

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

burden hours per response...

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** Eaglesham David J	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
(Last) (First) (Middle)	FIRST SOLAR, INC. [FSLR] 3. Date of Earliest Transaction	(Check all applicable)			
C/O FIRST SOLAR, INC., 350 WEST WASHINGTON STREET, SUITE 600	(Month/Day/Year) 04/27/2011	Director 10% OwnerX_ Officer (give title Other (specify below) Chief Technology Officer			
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
TEMPE A 7 05001		Form filed by More than One Reporting			

TEMPE, AZ 85281

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

(City)	(State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							y Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Execution Date, if Transaction(A) or Disposed of (D) ny Code (Instr. 3, 4 and 5) Month/Day/Year) (Instr. 8)			d of (D)	Securities Ownership I Beneficially Form: Direct I Owned (D) or		7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	04/27/2011		M	1,724 (1)	A	\$ 0	3,106	D	
Common Stock	04/27/2011		F	724 (2)	D	\$ 138.59	2,382	D	
Common Stock	04/28/2011		M	1,132 (3)	A	\$ 0	3,514	D	
Common Stock	04/28/2011		F	475 (2)	D	\$ 138.39	3,039	D	

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

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SEC 1474 (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. Transactic Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pr Deriv Secu (Inst
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	<u>(4)</u>	04/27/2011		M		1,724	<u>(5)</u>	<u>(5)</u>	Common Stock	1,724	\$
Restricted Stock Units	<u>(4)</u>	04/28/2011		M		1,132	<u>(6)</u>	<u>(6)</u>	Common Stock	1,132	\$

Reporting Owners

Reporting Owner Name / Address	Relationships					
F	Director	10% Owner	Officer	Other		
Eaglesham David J C/O FIRST SOLAR, INC. 350 WEST WASHINGTON STREET, SUITE 600 TEMPE, AZ 85281			Chief Technology Officer			

Signatures

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

**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.

Reporting Owners 2

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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 Compensation Plan.
- The restricted stock units were granted on April 27, 2009. The units are scheduled to vest annually from the grant date 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.
- The restricted stock units were granted on April 28, 2008. The units are scheduled to vest annually from the grant date 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.