

FIRST SOLAR, INC.

Form 4

February 13, 2008

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

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

OMB APPROVAL

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(Print or Type Responses)

1. Name and Address of Reporting Person *
MEYERHOFF JENS

(Last) (First) (Middle)

**C/O FIRST SOLAR, INC., 4050
EAST COTTON CENTER BLVD.**

(Street)

PHOENIX, AZ 85040

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol

FIRST SOLAR, INC. [FSLR]

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

02/12/2008

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____ 10% Owner
____X____ Officer (give title below) ____ Other (specify below)

Chief Financial Officer

6. Individual or Joint/Group Filing(Check
Applicable Line)
____X____ 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	(A) or (D)	Price
Common Stock	02/12/2008		M		3,125	A	\$ 20
					8,125		
Common Stock	02/12/2008		S ⁽¹⁾		3,125	D	\$ 185.5036
					5,000		

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

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(9-02)

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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)	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. Title and Amount of Underlying Securities (Instr. 3 and 4)
Option to Buy	\$ 20	02/12/2008		M	3,125	(2) 11/16/2013	Common Stock	3,125

Reporting Owners

Reporting Owner Name / Address	Relationships
MEYERHOFF JENS C/O FIRST SOLAR, INC. 4050 EAST COTTON CENTER BLVD. PHOENIX, AZ 85040	Director 10% Owner Officer Other Chief Financial Officer

Signatures

/s/ I. Paul Kacir,
Attorney-in-Fact 02/13/2008

__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) The transactions reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.

(2) The option vested with respect to 20% of the underlying shares on June 1, 2007, and will vest ratably for the 48 month period thereafter, subject to Mr. Meyerhoff's continued employment with First Solar, Inc.

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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