

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**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <b>KALETA PAUL J</b>  (Last) (First) (Middle) <b>C/O FIRST SOLAR, INC.</b> <b>350 WEST WASHINGTON ST., SUITE 600</b>  (Street) <b>TEMPE AZ 85281-1244</b>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <b>FIRST SOLAR, INC. [ FSLR ]</b>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <b>EVP, Genl Counsel &amp; Secretary</b>
	3. Date of Earliest Transaction (Month/Day/Year) <b>03/05/2018</b>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**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	03/05/2018		M		2,591 <sup>(1)</sup>	A	\$0	10,413	D	
Common Stock	03/05/2018		F		764 <sup>(2)</sup>	D	\$66.05	9,649	D	

**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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Restricted Stock Units	(3)	03/05/2018		M		2,591		(4)	(4)	Common Stock	2,591	\$0	2,591	D	
Restricted Stock Units	(5)	03/06/2018		A		8,896		(6)	(6)	Common Stock	8,896	\$0	8,896	D	

**Explanation of Responses:**

- Represents shares of common stock issued upon vesting of 25% of the restricted stock units granted on March 5, 2015.
- Represents shares of common stock withheld by the Issuer to satisfy certain tax withholding obligations with the vesting of the restricted stock units.
- 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 2010 Omnibus Incentive Compensation Plan.
- The restricted stock units were granted on March 5, 2015 as part of the Issuer's annual equity grant to executive officers. These units are scheduled to vest annually at a rate of 25% on each anniversary of the grant date, commencing on the first anniversary of the grant date.
- 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 2015 Omnibus Incentive Compensation Plan.
- The restricted stock units were granted on March 6, 2018 as part of the Issuer's annual equity grant to executive officers. These units are scheduled to vest annually at a rate of 25% on each anniversary of the grant date, commencing on the first anniversary of the grant date.

/s/ Jason E. Dymbort, attorney-in-fact 03/07/2018

\*\* Signature of Reporting Person Date

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

\* 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).

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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