

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* <u>Handelsman Lior</u>  (Last) (First) (Middle) <u>1 HAMADA STREET</u>  (Street) <u>HERZILIYA L3 4673335</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>SolarEdge Technologies Inc [ SEDG ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>VP Marketing&amp;Product Strategy</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>11/30/2015</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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	11/30/2015		M		437	A	\$0.00	350,437	D	
Common Stock	02/22/2016		A		1,400 <sup>(1)</sup>	A	\$0.00	291,837	D	
Common Stock	02/29/2016		M		438	A	\$0.00	292,275	D	
Common Stock	05/31/2016		M		437	A	\$0.00	292,712	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	\$0.00	11/30/2015		M			437	(2)	(2)	Common Stock	437	\$0.00	6,563	D	
Restricted Stock Units	\$0.00	02/29/2016		M			438	(2)	(2)	Common Stock	438	\$0.00	6,125	D	
Restricted Stock Units	\$0.00	05/31/2016		M			437	(2)	(2)	Common Stock	437	\$0.00	5,688	D	

**Explanation of Responses:**

1. Represents performance-based restricted stock units that became subject solely to time based vesting requirements in equal quarterly installments over a four-year period of continued service beginning on August 30, 2015. These restricted stock units may only be settled in shares of common stock.
2. Represents the vesting of restricted stock units subject to time-based vesting in equal quarterly installments over a four-year period of continued service beginning on August 30, 2015.

/s/ Rachel Prishkolnik, as attorney-in-fact 06/30/2016

\*\* 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.