

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>Faier Ronen</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) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Financial Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>12/11/2015</u>	
		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> 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	12/11/2015		M		2,100	A	\$2.01	2,100	D	
Common Stock	12/11/2015		S		2,100	D	\$20.01 ⁽¹⁾	0	D	
Common Stock	12/14/2015		M		28,200	A	\$2.01	28,200	D	
Common Stock	12/14/2015		S		28,200	D	\$20.73 ⁽¹⁾	0	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
Employee stock option (right to buy)	\$2.01	12/11/2015		M			2,100	02/28/2015	01/25/2021	Common stock	2,100	\$0	197,900	D	
Employee stock option (right to buy)	\$2.01	12/11/2015		M			28,200	02/28/2015	01/25/2021	Common Stock	28,200	\$0	169,700	D	
Employee stock option (right to buy)	\$2.46							(2)	01/26/2022	Common stock	91,666		91,666	D	
Employee stock option (right to buy)	\$5.01							(3)	10/29/2024	Common Stock	66,667		66,667	D	
Restricted Stock Units	\$0							(4)	(4)	Common Stock	12,000		12,000	D	
Employee stock option (right to buy)	\$25.09							(5)	08/19/2025	Common Stock	19,200		19,200	D	

Explanation of Responses:

- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$20.00 to \$20.02, inclusive, on December 11, 2015 and from \$20.35 to \$21.05, inclusive, on December 14, 2015. The reporting person undertakes to provide to SolarEdge Technologies, Inc., any security holder of SolarEdge Technologies, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in footnote (1) to this Form 4. Transactions reported on this Form 4 were made pursuant to trading instructions adopted by the undersigned that are intended to comply with Rule 10b5-1(c).
- Options become exercisable in 48 equal installments each calendar month beginning January 31, 2012.
- Options become exercisable in 48 equal installments each calendar month beginning October 31, 2014.

4. The restricted stock units vest and will be settled in sixteen equal quarterly installments over a four-year period of continued service beginning on August 19, 2015.
5. The option becomes exercisable and vests in sixteen equal quarterly installments over a four-year period of continued service beginning on August 19, 2015.

/s/ Rachel Prishkolnik, Power
of Attorney

12/15/2015

** 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.