

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*			2. Issuer Name and Ticker or Trading Symbol			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
Lando Zvi			SolarEdge Technologies Inc [SEDG]			Director 10% Owner		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)			X Officer (give title below) Other (specify below)		
1 HAMADA STREET			08/03/2017			Vice President, Global Sales		
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line)		
HERZILIYA L3 4673335						X Form filed by One Reporting Person		
(City)	(State)	(Zip)				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	08/03/2017		M		15,000	A	\$1.5	63,333	D	
Common Stock	08/03/2017		S		15,000	D	\$27.334 ⁽¹⁾	48,333	D	
Common Stock	08/04/2017		M		10,000	A	\$1.5	58,333	D	
Common Stock	08/04/2017		S		10,000	D	\$28.356 ⁽²⁾	48,333	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		Date Exercisable	Expiration Date						Title
Employee stock option (right to buy)	\$1.5	08/03/2017		M		15,000	(3)	05/28/2019	Common Stock	15,000	\$0.00	58,333	D	
Employee stock option (right to buy)	\$1.5	08/03/2017		M		10,000	(3)	05/28/2019	Common Stock	10,000	\$0.00	48,333	D	

Explanation of Responses:

1. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$25.85 to \$27.75, inclusive, on August 3, 2017. 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).

2. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$28 to \$28.5, inclusive, on August 4, 2017. 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 (2) 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).

3. The Employee Stock Options were granted on May 28, 2009 and one-quarter of the initial grant vested on June 1, 2010 and thereafter vested in equal monthly installments over the next three years.

/s/ Rachel Prishkolnik, Power of Attorney 08/07/2017

** 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.