

| OMB APPROVAL | |
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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

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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>10/16/2017</u> | |
| 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 | 09/27/2017 | | M | | 34,600 | A | \$2.01 | 50,000 | D | |
| Common Stock | 09/27/2017 | | S | | 34,600 | D | \$30.232 ⁽¹⁾ | 15,400 | D | |
| Common Stock | 09/27/2017 | | M | | 15,400 | A | \$2.01 | 15,400 | D | |
| Common Stock | 09/27/2017 | | S | | 15,400 | D | \$30.662 ⁽²⁾ | 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 | | Date Exercisable | Expiration Date | | | | | | Title |
| Employee stock option (right to buy) | \$2.01 | 10/16/2017 | | M | | 34,600 | (3) | 01/26/2021 | Common Stock | 34,000 | \$0.00 | 15,400 | D | |
| Employee stock option (right to buy) | \$2.01 | 10/17/2017 | | M | | 15,400 | (3) | 01/26/2021 | Common Stock | 15,400 | \$0.00 | 0 | 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 \$30 to \$30.75, inclusive, on October 16, 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 \$30.3 to \$30.95, inclusive, on October 17, 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 January 26, 2011 and vested over a four year period.

/s/ Rachel Prishkolnik, Power of Attorney 10/18/2017

** 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.