

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

OMB APPROVAL	
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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* <u>Handelsman Lior</u> <hr/> (Last) (First) (Middle) <u>1 HAMADA STREET</u> <hr/> (Street) <u>HERZILYA L3 4673335</u> <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>03/25/2015</u>	3. Issuer Name and Ticker or Trading Symbol <u>SolarEdge Technologies Inc [ SEDG ]</u>	
		4. 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>VP, Markng and Prod Strategy</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) <hr/> 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 Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
<u>Common Stock, par value \$0.0001 per share</u>	<u>433,333</u>	<u>D</u>	

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
<u>Options</u>	<u>07/01/2013</u>	<u>07/01/2019</u>	<u>Common Stock</u>	<u>73,333</u>	<u>1.5</u>	<u>D</u>
<u>Options</u>	<u>(1)</u>	<u>01/26/2022</u>	<u>Common Stock</u>	<u>76,667</u>	<u>2.46</u>	<u>D</u>
<u>Options</u>	<u>(2)</u>	<u>10/29/2024</u>	<u>Common Stock</u>	<u>66,666</u>	<u>5.01</u>	<u>D</u>

**Explanation of Responses:**

- 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.

/s/ Rachel Prishkolnik, as attorney-in-fact for Lior Handelsman 03/25/2015

\*\* 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 5 (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.

**LIMITED POWER OF ATTORNEY - SECURITIES LAW COMPLIANCE**

The undersigned, being a person or entity subject to the reporting obligations of the Securities Exchange Act of 1934, as amended (the "Act"), due to or with respect to his, her or its ownership of securities of SolarEdge Technologies, Inc. (the "Corporation"), hereby constitutes and appoints each of Guy Sella, Ronen Faier and Rachel Prishkolnik and their respective designees, as the undersigned's true and lawful attorney-in-fact and agent to complete and execute in the undersigned's name and on the undersigned's behalf any and all documents, forms and filings as such attorneys shall in their discretion determine to be required or advisable pursuant to the Act, other state or federal laws, the rules and regulations promulgated thereunder, or any successor laws and regulations, as a consequence of the undersigned's ownership, acquisition or disposition of securities of the Corporation, and to take all actions necessary or appropriate to obtain any codes, identifications and passwords required in order to file such forms with the Securities and Exchange Commission, any governmental office or agency, any securities exchange or national association, or any other person or agency as such attorney shall deem appropriate. The undersigned hereby ratifies and confirms all that said attorneys-in-fact and agents shall do or cause to be done by virtue hereof.

The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Corporation assuming, any of the undersigned's responsibilities to comply with Section 16 of the Act.

This Limited Power of Attorney shall remain in full force and effect until the undersigned is no longer required to make any filings with respect to the undersigned's holdings of and transactions in securities issued by the Corporation unless earlier revoked by the undersigned in a writing delivered to the foregoing attorneys-in-fact.

This Limited Power of Attorney is executed as of the date set forth below.

/s/ Lior Handelsman

Signature

03/18/2015

Date

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