FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL									
OMB Number:	3235-028								
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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).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

					or S	Section	n 30(h)	of the	Ínvestme	ent Co	mpany Act	of 1940							,
1. Name and Address of Reporting Person* GANI MARCEL						2. Issuer Name and Ticker or Trading Symbol SolarEdge Technologies Inc [SEDG]								(Ch	Relationshi eck all app	olicable)	,		
(Last) 142 ALM	ast) (First) (Middle) 42 ALMENDRAL AVE					3. Date of Earliest Transaction (Month/Day/Year) 05/11/2017										er (give title)	Other (specify below)	
(Street) ATHERT (City)			94027 Zip)		4. If	Amen	dment	, Date o	of Origina	al File	d (Month/Da	ay/Year)		Line	e) <mark>X</mark> Forn	n filed by Oi	ne Re	ng (Check A porting Pers an One Rep	son
		Tabl	e I - No	n-Deriv	ative	Sec	uritie	s Ac	quired	l, Dis	sposed o	f, or E	Bene	ficial	ly Own	ed			
1. Title of Security (Instr. 3) 2. Transacting Date (Month/Day/					Execution Date,			3. 4. Securitie Disposed (5) 8)						5. Amor Securiti Benefic Owned Reporte	es ially Following	Forn (D) o	n: Direct or Indirect nstr. 4)	7. Nature of Indirect Beneficial Ownership	
								Code	v	Amount	(A) (D)	or P	rice	Transac (Instr. 3	ction(s)			(Instr. 4)	
Common Stock 05/11/2				2017	017		A		5,618(1)	A	, ,	\$0.00	31,984				See Footnote ⁽²⁾		
		Та									osed of, onvertib				Owned		,		
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)				6. Date Exerci Expiration Da (Month/Day/Yo		te	7. Title and Amount of Securities Underlying Derivative Security (Instrand 4)		r. 3	B. Price of Derivative Security Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	y	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date Exercis	sable	Expiration Date	Title	Numl of Share					ı	

Explanation of Responses:

- 1. Reflects restricted stock units ("RSUs") granted to the reporting person as an annual award for service on the Board of Directors. The RSUs will vest in full on the earlier of (i) the one-year anniversary of the grant date or (ii) the Company's next regular Annual General Meeting of Stockholders, subject to continued board service through the applicable vesting date. The RSUs will vest in full upon the occurrence of a change in control (as defined in the SolarEdge Technologies, Inc. 2015 Global Incentive Plan). These RSUs may be settled solely in shares of common stock.
- 2. Includes 5,555 shares held by ALGA LLC of which Mr. Gani disclaims beneficial ownership and 5,555 shares held by the Marcel Gani 2002 Living Trust.

Code V

/s/ Rachel Prishkolnik by 05/15/2017 Power of Attorney

** 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.

(A) (D)