

| 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

|                                                                                                                                                                                                                                                      |                                                                                              |                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Name and Address of Reporting Person*<br><u>Gross Dana Rebecca</u><br><br>(Last) (First) (Middle)<br><u>C/O SOLAREDEGE TECHNOLOGIES INC.</u><br><u>1 HAMADA STREET</u><br><br>(Street)<br><u>HERZILIYA L3 4673335</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>SOLAREDEGE TECHNOLOGIES, INC. [ SEDG ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br>Officer (give title below) Other (specify below) |
|                                                                                                                                                                                                                                                      | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>08/09/2023</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                    | 08/09/2023                           |                                                    | A                              |   | 819 <sup>(1)</sup>                                                | A          | \$0.00 | 819                                                                                           | D                                                        |                                                       |
| Common Stock                    | 08/09/2023                           |                                                    | A                              |   | 969 <sup>(2)</sup>                                                | A          | \$0.00 | 1,788                                                                                         | 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) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------|-----|----------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|
|                                            |                                                        |                                      |                                                    |                                | (A)                                                                                    | (D) | Date Exercisable                                         | Expiration Date |                                                                                   |                                            |                                                                                                    |                                                           |                                                        |

**Explanation of Responses:**

- Represents restricted stock units ("RSUs") granted to the reporting person on August 9, 2023 as an initial award under the SolarEdge Technologies, Inc. 2015 Global Incentive Plan in connection with the reporting person's appointment to the Issuer's Board of Directors. These RSUs will vest in equal annual installments on each of August 9, 2024, August 9, 2025 and August 9, 2026, subject to the reporting person's continued service on the Board of Directors through the applicable vesting date(s). Each RSU represents a contingent right to receive, at settlement, one share of the Issuer's common stock.
- Represents RSUs granted to the reporting person on August 9, 2023 as a pro-rated annual award under the SolarEdge Technologies, Inc. 2015 Global Incentive Plan. These RSUs will vest in full on the earlier of (i) the one-year anniversary of the grant date or (ii) the Issuer's next regular Annual General Meeting of Stockholders, subject to the reporting person's continued service on the Board of Directors through the applicable vesting date. Each RSU represents a contingent right to receive, at settlement, one share of the Issuer's common stock.

/s/ Rachel Prishkolnik, as Attorney-in-Fact 08/11/2023

\*\* 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.