

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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><b>Bywater David</b> | 2. Date of Event Requiring Statement (MM/DD/YYYY)<br><b>5/2/2016</b>   | 3. Issuer Name and Ticker or Trading Symbol<br><b>Vivint Solar, Inc. [VSLR]</b>  |
| (Last) (First) (Middle)<br><b>1850 WEST ASHTON BLVD</b>           | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input type="checkbox"/> Director <input type="checkbox"/> 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)<br><b>See Remarks /</b> |  |
| (Street)<br><b>LEHI, UT 84043</b>                                 | 5. If Amendment, Date Original Filed (MM/DD/YYYY)  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person |
| (City) (State) (Zip)  |  |  |

### 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) |
| <b>Common Stock</b>             | <b>12500</b>  | <b>D</b>   |   |

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

| 1. Title of Derivate Security (Instr. 4) | 2. Date Exercisable and Expiration Date (MM/DD/YYYY) |                 | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) |                            | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|----------------------------|--|---|---|
|  | Date Exercisable                                     | Expiration Date | Title   | Amount or Number of Shares |  |   |   |

#### Explanation of Responses:

#### Remarks:

Interim Chief Executive Officer

#### Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                    |       |
|---|---------------|-----------|--------------------|-------|
|   | Director      | 10% Owner | Officer            | Other |
| <b>Bywater David</b><br><b>1850 WEST ASHTON BLVD</b><br><b>LEHI, UT 84043</b> |               |           | <b>See Remarks</b> |       |

#### Signatures

/s/Shawn Lindquist, Attorney-in-fact

5/4/2016

\*\*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 control number.

POWER OF ATTORNEY

The undersigned, as a Section 16 reporting person of Vivint Solar, Inc. (the "Company"), hereby constitutes and appoints Shawn Lindquist, Dana Russell and Garner B. Meads III the undersigned's true and lawful attorneys-in-fact, to:

1. Prepare, execute in the undersigned's name and on the undersigned's behalf, and submit to the Securities and Exchange Commission (the "SEC") a Form ID, including amendments thereto, and any other documents necessary or appropriate to obtain EDGAR codes and passwords enabling the undersigned to make electronic filings with the SEC of reports required by Section 16(a) of the Securities Exchange Act of 1934 or any rule or regulation of the SEC;
2. Complete and execute Forms 3, 4 and 5 and other forms and all amendments thereto as such attorneys-in-fact shall in their discretion determine to be required or advisable pursuant to Section 16 of the Securities Exchange Act of 1934 (as amended) and 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 Company; and
3. Do all acts necessary in order to file such forms with the SEC, any securities exchange or national association, the Company and such other person or agency as the attorneys-in-fact shall deem appropriate.

The undersigned hereby ratifies and confirms all that said attorneys-in-fact and agent 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 Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934 (as amended).

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the Company and the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 3 day of May, 2014.

Signature: /s/ David Bywater

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David Bywater,  
Chief Executive Officer