

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

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 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 -* Plagemann Thomas G. (Last) (First) (Middle) 1800 WEST ASHTON BLVD (Street) LEHI, UT 84043 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol Vivint Solar, Inc. [VSLR]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> X Officer (give title below) <input type="checkbox"/> Other (specify below) CCO; EVP, Capital Markets
3. Date of Earliest Transaction (MM/DD/YYYY) 10/2/2017		6. Individual or Joint/Group Filing (Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person
4. If Amendment, Date Original Filed (MM/DD/YYYY)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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	10/2/2017		A		57971 (1)	A	\$0.00	257297	D	

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		(A)	(D)	Date Exercisable	Expiration Date				
Stock Option (Right to Buy)	\$3.45	10/2/2017		A		64655	(2)	10/2/2027	Common Stock	64655	\$0.00	64655	D	

Explanation of Responses:

- (1) Represents restricted stock units ("RSUs") granted pursuant to the 2014 Equity Incentive Plan, which can only be settled with shares of Common Stock. 25% of the shares subject to this award will vest on September 6, 2018, and 1/16th of the shares subject to this award will vest on each quarterly vesting date thereafter. The term "quarterly vesting date" shall mean the sixth day of March, June, September and December of any fiscal year, as applicable.
- (2) 25% of the shares subject to this award will vest on September 6, 2018, and 1/16th of the shares subject to this award will vest on each quarterly vesting date thereafter. The term "quarterly vesting date" shall mean the sixth day of March, June, September and December of any fiscal year, as applicable.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Plagemann Thomas G. 1800 WEST ASHTON BLVD LEHI, UT 84043			CCO; EVP, Capital Markets	

Signatures

/s/ Dana C. Russell, attorney-in-fact

10/4/2017

**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 control

number.

POWER OF ATTORNEY

The undersigned, as a Section 16 reporting person of Vivint Solar, Inc. (the "Company"), hereby constitutes and appoints C. Dan Black, Dana Russell, David Bywater and Melissa Bannister 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 14th day of July 2016.

*Signature: /s/ Thomas G. Plagemann
Thomas G. Plagemann
Executive Vice President, Capital Markets*