

FORM 4

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

OMB APPROVAL
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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 * Bywater David (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 checked="" type="checkbox"/> Director _____ 10% Owner <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) Chief Executive Officer
3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">5/11/2017</p>		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input 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	5/11/2017		S		201000	D	\$2.84 (1)	655874 (2)	D	
Common Stock	5/12/2017		S		200	D	\$2.80 (3)	655674 (2)	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	Title	Amount or Number of Shares				

Explanation of Responses:

- (1) These shares were disposed of in non-discretionary transactions to cover the reporting person's tax withholding obligations in connection with the settlement of an award of restricted stock units. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$2.80 to \$2.90, inclusive. The reporting person undertakes to provide to Vivint Solar, Inc., any security holder of Vivint Solar, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote (1).
- (2) Includes 359,649 restricted stock units ("RSUs") granted on December 14, 2016 pursuant to the Issuer's 2014 Equity Incentive Plan which can only be settled with shares of common stock. 25% of the RSUs vest on December 6, 2017 and thereafter 6.25% of the RSUs vest in equal quarterly installments beginning March 6, 2018, until the RSUs are fully vested; in each such case subject to the Reporting Person's continued service to the Issuer or any subsidiary of the Issuer through each such date.
- (3) These shares were disposed of in non-discretionary transactions to cover the reporting person's tax withholding obligations in connection with the settlement of an award of restricted stock units.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Bywater David 1800 WEST ASHTON BLVD LEHI, UT 84043	X		Chief Executive Officer	

Signatures

/s/ DANA C. RUSSELL

5/12/2017

** 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.

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