

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)			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		
1800 WEST ASHTON BLVD (Street)			3. Date of Earliest Transaction (MM/DD/YYYY) 3/15/2018			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		
LEHI, UT 84043 (City) (State) (Zip)			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	3/15/2018		A		317460 (1)	A	\$0.00	801516	D	
Common Stock	3/16/2018		S	(2)	17639	D	\$3.25	783877	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				
Stock Option (Right to Buy)	\$3.15	3/15/2018		A		485436		(3)	3/15/2028	Common Stock	485436	\$0.00	485436	D	

Explanation of Responses:

- 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 RSUs become vested on January 1, 2019 and thereafter 6.25% of the RSUs vest in equal quarterly installments beginning April 1, 2019, 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.
- The sales reported by Mr. Bywater were effected pursuant to a Rule 10b5-1 trading plan.
- The shares subject to this option shall vest at the rate of 25% of the total number of shares on January 1, 2019 and thereafter 6.25% of the total shares subject to this option shall vest in equal quarterly installments beginning April 1, 2019, until the option is 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.

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, ATTORNEY-IN-FACT

3/19/2018

** 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.