

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 * <u>van Gaalen Johannes Cornelis Maria</u> (Last) (First) (Middle) <u>4360 PARK TERRACE DRIVE, SUITE 100</u> (Street) <u>WESTLAKE VILLAGE CA 91361</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Energy Vault Holdings, Inc. [NRGV]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below) X Chief Financial Officer
	3. Date of Earliest Transaction (Month/Day/Year) <u>01/10/2023</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			

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)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Restricted Stock Units	(1)	01/10/2023		A		250,000		(2)	(1)	Common Stock	250,000	\$0	250,000	D	
Restricted Stock Units	(1)	01/10/2023		A		350,000		(3)	(1)	Common Stock	350,000	\$0	350,000	D	

Explanation of Responses:

- The Reporting Person received Restricted Stock Units ("RSUs") that represent a contingent right to receive one share of Common Stock for each RSU upon the satisfaction of applicable vesting conditions. The RSUs do not expire.
- The RSUs vest as to 25% of the underlying shares on November 30, 2023, and as to the remaining of the underlying shares in 12 substantially similar quarterly installments thereafter.
- The RSUs will vest as to 33% of the underlying shares upon the achievement of each of the Issuer's share price achieving a daily closing trading price at or above \$11.00, \$13.00, and \$15.00 per share for 20 trading days within any 30 trading day period during the period beginning on November 30, 2023 and ending on November 30, 2026.

/s/ Timothy Maloche, Attorney-in-Fact 01/12/2023

** 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.