

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

OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person *	2. Date of Event Requiring Statement (Month/Day/Year)	3. Issuer Name and Ticker or Trading Symbol	
<u>Horstman Marc</u>	<u>04/15/2025</u>	<u>NET Power Inc. [NPWR]</u>	
(Last) (First) (Middle)		4. Relationship of Reporting Person(s) to Issuer (Check all applicable)	5. If Amendment, Date of Original Filed (Month/Day/Year)
<u>320 RONEY STREET</u>		Director 10% Owner	
<u>SUITE 200</u>		X Officer (give title below) Other (specify below)	
		<u>Chief Operating Officer</u>	
(Street)			6. Individual or Joint/Group Filing (Check Applicable Line)
<u>DURHAM NC 27701</u>			X Form filed by One Reporting Person
(City) (State) (Zip)			Form filed by More than One Reporting Person

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)
<u>Restricted Stock Units</u>	<u>165,814⁽¹⁾</u>	<u>D</u>	
<u>Class A Common Stock</u>	<u>1,845</u>	<u>D</u>	

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: 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:

1. On August 28, 2023, the Reporting Person recieved a grant of 20,000 restricted stock units ("RSUs") that vest on August 28, 2026, subject to continued employment. On April 2, 2024, the Reporting Person received a grant of 8,442 RSUs, of which 5,527 RSUs are still outstanding and will vest in equal installments on each of April 2, 2026 and April 2, 2027, subject to continued employment. On April 2, 2025, the Reporting Person received a grant of 46,729 RSUs that will vest in equal installments on each of April 2, 2026, April 2, 2027 and April 2, 2028, subejct to continued employment. On April 2, 2025, the Reporting Person also received a grant of 93,458 RSUs that will vest on April 2, 2028, subject to continued employment.

Remarks:

/s/ Marc Horstman 06/03/2025
** 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 Number.