

OMB APPROVAL	
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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

1. Name and Address of Reporting Person * <u>NPEH, LLC</u> (Last) (First) (Middle) <u>406 BLACKWELL STREET, 4TH FLOOR</u> (Street) <u>DURHAM NC 27701</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>06/08/2023</u>	3. Issuer Name and Ticker or Trading Symbol <u>NET Power Inc. [NPWR]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person 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)
Class B Common Stock	30,005,300 ⁽¹⁾	D	

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			
Class A Units of NET Power Operations LLC	(1)	(1)	Class A Common Stock	30,005,300	(1)	D	

Explanation of Responses:

1. For each Class A Unit of Net Power Operations LLC, the reporting person owns a corresponding share of Class B Common Stock of the Issuer. The Class A Units of NET Power Operations LLC (together with the corresponding shares of the Issuer's Class B Common Stock) are exchangeable into shares of the Issuer's Class A Common Stock or, at the issuer's election, cash, on a one-for-one basis and have no expiration date.

/s/ Cameron Hosie, Chief
Executive Officer of 8 Rivers 06/20/2023
Capital, LLC, its Manager

** 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.