

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

OMB APPROVAL	
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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

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

<b>1. Name and Address of Reporting Person*</b> <u>HIGHTOWER JACK</u>  (Last) (First) (Middle) <u>421 W. 3RD STREET, SUITE 1000</u>  (Street) <u>FORT WORTH TX 76102</u>  (City) (State) (Zip)	<b>2. Issuer Name and Ticker or Trading Symbol</b> <u>HighPeak Energy, Inc. [ HPK ]</u>	<b>5. Relationship of Reporting Person(s) to Issuer</b> (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <u>Chief Executive Officer</u>
	<b>3. Date of Earliest Transaction (Month/Day/Year)</b> <u>11/08/2024</u>	
<b>4. If Amendment, Date of Original Filed (Month/Day/Year)</b>		

**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			
Common Stock, par value \$0.0001 per share	11/08/2024		P		17,262	A	\$14.03 <sup>(1)</sup>	4,976,517	D	
Common Stock, par value \$0.0001 per share								81,239,054	I	See Footnotes <sup>(2)(3)</sup>
Common Stock, par value \$0.0001 per share								2,336	I	By Wife

**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)
						Date Exercisable	Expiration Date					

**Explanation of Responses:**

- The price reported in Column 4 is a weighted average price. These shares of common stock were purchased in multiple transactions at prices from \$13.95 to \$14.10, inclusive. The reporting person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares of common stock purchased at each separate price within the ranges set forth in footnote (1) to this Form 4.
- Represents shares of Common Stock received by (i) HighPeak Pure Acquisition, LLC, a Delaware limited liability company ("Pure Sponsor"), (ii) HighPeak Energy, LP, a Delaware limited partnership ("HighPeak I"), (iii) HighPeak Energy II, LP, a Delaware limited partnership ("HighPeak II" and, together with Pure Sponsor, HighPeak I, and HighPeak Energy III, LP, a Delaware limited partnership, the "Record Holders") in connection with the business combination transaction between the Issuer and Pure Acquisition Corp., a Delaware corporation.
- The Reporting Person directly (whether through ownership or position) or indirectly through one or more intermediaries, may be deemed for purposes of Section 16 of the Exchange Act to be the indirect beneficial owner of the Common Stock owned by the Record Holders. The Reporting Person disclaims beneficial ownership of the Common Stock held by each of the Record Holders except to the extent of his pecuniary interest in each of the Record Holders, and this report shall not be deemed an admission that he is the beneficial owner of such securities for purposes of Section 16 or for any other purpose.

/s/ Jack Hightower 11/12/2024  
 \*\* 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.