

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

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

(Print or Type Responses)

1. Name and Address of Reporting Person Derham Kyle (Last) (First) (Middle) 4444 WESTHEIMER ROAD, SUITE G450 (Street) HOUSTON, TX 77027 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol Archaea Energy Inc. [LFG] 3. Date of Earliest Transaction (Month/Day/Year) 05/11/2022 4. If Amendment, Date Original Filed (Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)
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		

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			
Class A Common Stock	05/11/2022		J(1)		2,500	D	\$ 0 (1)	0	I	By Rice Acquisition Sponsor LLC (2)
Class B Common Stock	05/11/2022		J(1)		5,532,287	D	\$ 0 (1)	0	I	By Rice Acquisition Sponsor LLC (2)
Class B Common Stock	05/11/2022		J(3)		1,035,688	A	\$ 0 (3)	1,035,688	D	
Class A Common Stock								38,715 (4)	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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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 Underlying Securities (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		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Class A Units of LFG Acquisition Holdings LLC	(5)	05/11/2022		J(1)		5,532,287	(5)	(5)	Class A Common Stock	5,532,287	\$ 0 (1)	0	I	By Rice Acquisition Sponsor LLC (2)
Class A Units of LFG Acquisition Holdings LLC	(5)	05/11/2022		J(3)		1,035,688	(5)	(5)	Class A Common Stock	1,035,688	\$ 0 (3)	1,035,688	D	
Warrants	\$ 11.5	05/11/2022		J(1)		6,093,900	10/26/2021	09/15/2026	Class A Common Stock	6,093,900	\$ 0 (1)	0	I	By Rice Acquisition Sponsor LLC (2)
Warrants	\$ 11.5	05/11/2022		J(3)		1,490,899	10/26/2021	09/15/2026	Class A Common Stock	1,490,899	\$ 0 (3)	1,490,899	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Derham Kyle 4444 WESTHEIMER ROAD, SUITE G450 HOUSTON, TX 77027	X			

Signatures

/s/ Chad Belah as Attorney-in-Fact		05/13/2022
Signature of Reporting Person		Date

Explanation of Responses:

* 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).

(1) Represents the pro rata distribution of the securities of the issuer held by Rice Acquisition Sponsor LLC ("Sponsor") to all of its members. Prior to such distribution, and as of the date hereof, no such securities have been disposed of for cash by either Sponsor or its members.

(2) These securities were previously held by Sponsor. Prior to the distribution of these securities, the reporting person was previously a managing member of Sponsor. As such, the reporting person may have been deemed to have beneficial ownership of the securities held of record by Sponsor. The reporting person disclaims and previously disclaimed any beneficial ownership of the securities previously held by Sponsor other than to the extent of any pecuniary interest he may have therein, directly or indirectly.

(3) Represents receipt of the reporting person's pro rata distribution of the securities of the issuer held by Sponsor.

(4) Includes 6,838 restricted stock units, which vests in a single installment on January 1, 2023. Each restricted stock unit represents a contingent right to receive one share of the issuer's Class A common stock.

(5) The Class A Units of LFG Acquisition Holdings 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 on a one-for-one basis and have no expiration date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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