

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).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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* <b>GENERAL ELECTRIC CO</b>  (Last) (First) (Middle) <b>41 FARNSWORTH STREET</b>  (Street) <b>BOSTON MA 02210</b>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <b>Baker Hughes a GE Co [ BHGE ]</b>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <b>12/28/2017</b>	
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			
Class B Common Stock	12/28/2017		D		1,769,794	D	(1)	128,119,294	D	
Class B Common Stock	12/28/2017		D		8,001,143	D	(1)	579,220,491	I	See footnote <sup>(2)</sup>
Class B Common Stock	12/29/2017		D		64,397	D	(1)	128,054,898	D	
Class B Common Stock	12/29/2017		D		291,134	D	(1)	578,929,357	I	See footnote <sup>(2)</sup>

**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
Common Unit	(1)	12/28/2017		D		1,769,794		(1)	(1)	Class A common stock	1,769,794	(3)	128,119,294	D	
Common Unit	(1)	12/28/2017		D		8,001,143		(1)	(1)	Class A common stock	8,001,143	(3)	579,220,491	I	See footnote <sup>(2)</sup>
Common Unit	(1)	12/29/2017		D		64,397		(1)	(1)	Class A common stock	64,397	(3)	128,054,898	D	
Common Unit	(1)	12/29/2017		D		291,134		(1)	(1)	Class A common stock	291,134	(3)	578,929,357	I	See footnote <sup>(2)</sup>

**Explanation of Responses:**

- Each share of Class B common stock, together with a Common Unit of Baker Hughes, a GE company, LLC ("BHGE LLC") (collectively, a "Paired Interest"), is exchangeable for a share of Class A common stock. In connection with the Issuer's previously announced open market repurchase program, the Issuer has purchased for cash the Paired Interests reported as disposed of on this Form 4 and the price paid for each such Paired Interest was equal to \$30.9690 for each Paired Interest transacted on December 28, 2017 and \$31.5229 for each Paired Interest transacted on December 29, 2017.
- The Reporting Person holds these securities through wholly-owned subsidiaries.
- The Paired Interests were acquired by the Reporting Person in connection with the transactions described in the prospectus filed by the Issuer on May 30, 2017 pursuant to Rule 424(b)(3).

/s/ Christoph A. Pereira 01/02/2018  
Authorized Signatory

\*\* 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.

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