

Spectra Energy Corp.
Form 4
December 20, 2016

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

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 OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
EBEL GREGORY L

(Last) (First) (Middle)
5400 WESTHEIMER COURT
(Street)

HOUSTON, TX 77056-5310

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
Spectra Energy Corp. [SE]

3. Date of Earliest Transaction
(Month/Day/Year)
12/16/2016

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
President and CEO

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 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 or Price		
Common Stock	12/16/2016		M		116,745 A \$ 0	410,757.5	D
Common Stock	12/16/2016		M		159,800 A \$ 0	521,582.5	D
Common Stock	12/16/2016		F		48,975 D \$ 41.79	361,782.5	D
Common Stock	12/16/2016		F		67,037 D \$ 41.79	454,545.5	D
Common Stock						1,572	I By Spouse Retirement Savings

Common Stock	5,963.02	I	Plan Retirement Savings Plan
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

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)	Amount or Number of Shares	
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V	(A)	(D)
Performance Shares Feb 2014	(1)	12/16/2016		M	81,450 (2)	02/18/2017	(3)	Common Stock	81,450
Performance Shares Feb 2015	(1)	12/16/2016		M	79,900 (4)	02/17/2018	(3)	Common Stock	79,900

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
EBEL GREGORY L 5400 WESTHEIMER COURT HOUSTON, TX 77056-5310	X		President and CEO	

Signatures

/s/ Annachiara Jones,
attorney-in-fact

12/20/2016

__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) The number of performance shares that vest is based on the achievement of a specified total shareholder return for Spectra Energy Corp Common Stock.
- (2) Vested with respect to 90% of the performance share award on December 16, 2016. The actual number of shares underlying such award that vest is based on the achievement of a specified total shareholder return for Spectra Energy Corp common stock
- (3) Expiration date not applicable.
- (4) Vested with respect to 85% of the performance share award on December 16, 2016. The actual number of shares underlying such award that vest is based on the achievement of a specified total shareholder return for Spectra Energy Corp common stock.

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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