Ables Dorothy M Form 4 March 02, 2010

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average burden hours per

Section 16. Form 4 or Form 5 obligations may continue. See Instruction

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

response... 0.5

1(b).

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person * Ables Dorothy M			2. Issuer Name and Ticker or Trading Symbol Spectra Energy Corp. [SE]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
5400 WESTHEIMER COURT		RT	(Month/Day/Year) 02/26/2010	Director 10% Owner Officer (give title Other (specify below) Chief Administrative Officer			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
HOUSTON, TX 77056			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Table	e I - Non-D	erivative	Secur	rities Acqu	uired, Disposed of	f, or Beneficial	iy Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	ispose 4 and (A) or	d of (D)	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)
Common Stock	02/26/2010		M	5,800	A	\$ 2,180	56,153.5	D	
Common	02/26/2010		F	1,535	D	\$ 21.8	54,618.5	D	

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

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SEC 1474

(9-02)

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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. Transactic Code (Instr. 8)	5. Number 6. Date Exercisable a Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		te	7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pr Deri' Secu (Inst
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Ltip Phantom Stock Grant Feb 2007	<u>(1)</u>	02/26/2010		M	5,800	02/27/2010	(2)	Common Stock	5,800	\$

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Ables Dorothy M 5400 WESTHEIMER COURT

Chief Administrative Officer

Signatures

HOUSTON, TX 77056

By Beverly J. Fite as Attorney-in-Fact for Dorothy M. Ables 03/02/2010

**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) Converts to Common Stock on a 1-for-1 basis.
- (2) Expiration date not applicable.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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