Huffman John U Form 4 January 31, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287

OMB APPROVAL

Number: January 31,

Expires: 2005

Estimated average burden hours per response... 0.5

5. Relationship of Reporting Person(s) to

if no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box

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)

Huffman John U

(City)

1(b).

See Instruction

Symbol PEPCO HOLDINGS INC [POM] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify PEPCO ENERGY SERVICES 01/27/2011 below) INC. 1300 17TH STREET N -President & CEO - PES **SUITE 1600**

2. Issuer Name and Ticker or Trading

(Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Issuer

ARLINGTON, VA 22209-3807

(State)

(Zip)

1. Name and Address of Reporting Person *

1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Instr. 3, 4 and 5) Ownership (Month/Day/Year) (Instr. 8) Owned Indirect (I) **Following** (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common

22,058 D Stock

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)

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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. Transact Code (Instr. 8)	5. Number iomf 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. P. Derri Section (Ins
				Code V	⁷ (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	(1)	01/27/2011		A	6,648	<u>(1)</u>	<u>(1)</u>	Common Stock	6,648	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Huffman John U PEPCO ENERGY SERVICES INC 1300 17TH STREET N - SUITE 1600 ARLINGTON, VA 22209-3807

President & CEO - PES

Signatures

John U. Huffman by Ellen S. Rogers, Attorney-in-Fact

01/31/2011

**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).

Restricted stock units (RSU) awarded under the Long-Term Incentive Plan are subject to forfeiture if the executive's employment terminates before 1/27/14, except that, unless the Comp/HR Committee of the Board determines otherwise, and subject to a contrary provision in the executive's employment agreement, if any, in the event of the death, disability or retirement of the executive or if the employment of the executive is terminated or the executive terminates employment for "good reason" following a "change in control," the award is prorated to the date of termination. Each RSU not forfeited will be settled by the delivery of one share of PHI common stock. When a dividend is paid on the PHI common stock, the RSU balance is credited with additional RSU equal to the number of shares that could be purchased with the cash amount of the dividend at the then current market price. Dividend credits will vest only to the extent the underlying RSU vest.

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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