

Boyle Frederick J
Form 4
April 10, 2012

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 *
Boyle Frederick J

2. Issuer Name and Ticker or Trading Symbol
PEPCO HOLDINGS INC [POM]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
C/O PEPCO HOLDINGS, INC., 701
9TH STREET, NW
(Street)

3. Date of Earliest Transaction
(Month/Day/Year)
04/09/2012

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Sr. Vice President & CFO

WASHINGTON, DC 20068

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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 Ownership (Instr. 4)			
			Code	V	Amount (A) or (D) Price					
Common Stock	04/09/2012		A		8,460 (1)	A	\$ 0 (1)	8,460	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)

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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. 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 Owned Following Transaction (Instr. 5)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Boyle Frederick J C/O PEPCO HOLDINGS, INC. 701 9TH STREET, NW WASHINGTON, DC 20068			Sr. Vice President & CFO	

Signatures

Frederick J. Boyle by Jane K. Storer, Attorney-in-Fact 04/10/2012

**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) Shares represent restricted stock units (RSUs) awarded on April 9, 2012 under the Long-Term Incentive Plan (LTIP) which are subject to forfeiture if the executive's employment terminates before April 9, 2015, except as otherwise provided under the terms of the LTIP. 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 will be credited with additional RSUs equal to the per share amount of the dividend multiplied by the number of RSUs divided by the market price of the common stock on the trading day immediately prior to the dividend payment date. Dividend credits will vest only to the extent the related RSUs 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.