Silverman Lester P Form 4 May 21, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

OMB APPROVAL

Expires:

January 31, 2005

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

See Instruction

Check this box

if no longer

subject to

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Silverman Lester P

2. Issuer Name and Ticker or Trading Symbol

PEPCO HOLDINGS INC [POM]

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

below)

(Last)

(City)

(First)

(Middle)

(Zip)

3. Date of Earliest Transaction

(Month/Day/Year)

05/18/2007

X_ Director 10% Owner Officer (give title Other (specify

PEPCO HOLDINGS INC, 701 9TH STREET NW, SUITE 1300

(Street)

(State)

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

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

WASHINGTON, DC 20068

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Beneficially (D) or Owned Indirect (I) Following (Instr. 4)

Reported (A) Transaction(s) (Instr. 3 and 4)

Common Stock

or Code V Amount (D) Price

> 1,000 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)

Indirect

Beneficial

Ownership

(Instr. 4)

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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (I (Instr. 3, 4, and 5)))	6. Date Exerc Expiration D (Month/Day/	ate	7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Phantom Stock (1)	<u>(2)</u>	05/18/2007		A	133.5559		<u>(2)</u>	<u>(2)</u>	Common Stock	133.5559

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Silverman Lester P PEPCO HOLDINGS INC 701 9TH STREET NW, SUITE 1300 WASHINGTON, DC 20068	X					

Signatures

Lester P. Silverman by Ellen Sheriff Rogers, Attorney-in-Fact

05/21/2007

**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).
- Acquired in consideration for services, with the number of shares of phantom stock calculated by dividing the amount of meeting fees and/or retainer payable (\$2,000 per meeting or that portion of the annual retainer of \$45,000 and, if applicable, Committee Chairman annual retainer of either \$5,000 or \$7,500, which the director elected to receive in phantom stock) by the market price of the Pepco Holdings, Inc. (PHI) shares at the close of business two business days before the meeting or retainer payment date, respectively.
- (2) Phantom stock on a date specified or to be specified by the participant is settled in cash in an amount equal to the market price of the PHI common stock on the settlement date.

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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