#### PEPCO HOLDINGS INC

Form 4

August 22, 2006

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

3235-0287

Expires:

Form filed by More than One Reporting

Person

January 31, 2005

0.5

Estimated average

**OMB APPROVAL** 

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

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 See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * WRAASE DENNIS R			2. Issuer Name and Ticker or Trading Symbol PEPCO HOLDINGS INC [POM]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
701 NINTH S	T NW STE	1300	(Month/Day/Year) 08/18/2006	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) Chairman, President & CEO		
	(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		

#### WASHINGTON, DC 20068

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secu	rities Acquir	ed, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	n Date 2A. Deemed Year) Execution Date, if any (Month/Day/Year)		4. Securities Acquired (A) our Disposed of (D) (Instr. 3, 4 and 5)  (A) or Amount (D) Price		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			Code V	Amount	(D)	THE	14,553	I	By 401-k plan
Common Stock	08/18/2006		M	1,000	A	\$ 22.4375	79,521	D	
Common Stock	08/18/2006		S	1,000	D	\$ 24.5	78,521	D	
Common Stock	08/18/2006		M	900	A	\$ 22.4375	79,421	D	
Common Stock	08/18/2006		S	900	D	\$ 24.51	78,521	D	

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Common Stock	08/18/2006	M	1,000	A	\$ 22.4375	79,521	D
Common Stock	08/18/2006	S	1,000	D	\$ 24.52	78,521	D
Common Stock	08/18/2006	M	2,300	A	\$ 22.4375	80,821	D
Common Stock	08/18/2006	S	2,300	D	\$ 24.53	78,521	D
Common Stock	08/18/2006	M	1,300	A	\$ 22.4375	79,821	D
Common Stock	08/18/2006	S	1,300	D	\$ 24.54	78,521	D
Common Stock	08/18/2006	M	2,400	A	\$ 22.4375	80,921	D
Common Stock	08/18/2006	S	2,400	D	\$ 24.55	78,521	D
Common Stock	08/18/2006	M	700	A	\$ 22.4375	79,221	D
Common Stock	08/18/2006	S	700	D	\$ 24.56	78,521	D
Common Stock	08/18/2006	M	400	A	\$ 22.4375	78,921	D
Common Stock	08/18/2006	S	400	D	\$ 24.57	78,521	D
Common Stock	08/18/2006	M	2,600	A	\$ 22.4375	81,121	D
Common Stock	08/18/2006	S	2,600	D	\$ 24.58	78,521	D
Common Stock	08/18/2006	M	12,700	A	\$ 22.4375	91,221	D
Common Stock	08/18/2006	S	12,700	D	\$ 24.59	78,521	D
Common Stock	08/18/2006	M	9,200	A	\$ 22.4375	87,721	D
Common Stock	08/18/2006	S	9,200	D	\$ 24.6	78,521	D
Common Stock	08/18/2006	M	2,500	A	\$ 22.4375	81,021	D
Common Stock	08/18/2006	S	2,500	D	\$ 24.61	78,521	D
	08/18/2006	M	10,100	A		88,621	D

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Common Stock					\$ 22.4375		
Common Stock	08/18/2006	S	10,100	D	\$ 24.62	78,521	D
Common Stock	08/18/2006	M	6,200	A	\$ 22.4375	84,721	D
Common Stock	08/18/2006	S	6,200	D	\$ 24.63	78,521	D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

(9-02)

9. Nu Deriv Secu Bene Own Follo Repo Trans (Insti

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)	4. Transa Code (Instr.	ection	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Secur	int of rlying	8. Price of Derivative Security (Instr. 5)
			Code	V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

## **Reporting Owners**

Reporting Owner Name / Address	Relationships							
reporting owner runner runners	Director	10% Owner	Officer	Other				
WRAASE DENNIS R 701 NINTH ST NW STE 1300 WASHINGTON, DC 20068	X		Chairman, President & CEO					

## **Signatures**

Dennis R. Wraase by Ellen Sheriff Rogers, Attorney-in-Fact 08/22/2006

\*\*Signature of Reporting Person

3 Reporting Owners

Date

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## **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).

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.