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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

**FORM 8-K  
CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of  
The Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): **May 30, 2012**

**PEPCO HOLDINGS, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction  
of incorporation)

**001-31403**

(Commission  
File Number)

**52-2297449**

(IRS Employer  
Identification No.)

**701 Ninth Street, N.W., Washington, DC**

(Address of principal executive offices)

**20068**

(Zip Code)

Registrant's telephone number, including area code

**(202) 872-3526**

**Not Applicable**

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 7.01 Regulation FD Disclosure.**

The information being furnished pursuant to Item 7.01, including Exhibit 99, shall not be deemed to be “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall it be deemed to be incorporated by reference in any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing. The Pepco Holdings, Inc. (PHI) Presentation for the 2012 Citi Power & Gas Conference to be held May 31, 2012, attached hereto as Exhibit 99, is hereby incorporated by reference.

**Item 9.01 Financial Statements and Exhibits.**

(d) <u>Exhibits</u>	<u>Description of Exhibit</u>
<u>Exhibit No.</u>	
99	Pepco Holdings, Inc. Presentation – May 31, 2012 Citi Power & Gas Conference

## SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

PEPCO HOLDINGS, INC.

(Registrant)

Date: May 30, 2012

/s/ FRED BOYLE

Name: Frederick J. Boyle

Title: Senior Vice President  
and Chief Financial Officer

EXHIBIT INDEX

Exhibit Furnished Herewith

<u>Exhibit No.</u>	<u>Description of Exhibit</u>
99	Pepco Holdings, Inc. Presentation – May 31, 2012 Citi Power & Gas Conference