

Dennis P. Jamouneau  
Assistant General Counsel

Office 202.872.3034  
Fax 202.331.6767  
pepco.com  
djamouneau@pepcoholdings.com

EP1132  
701 Ninth Street NW  
Washington, DC 20068-0001

May 18, 2018

Ms. Brinda Westbrook-Sedgwick  
Commission Secretary  
Public Service Commission  
of the District of Columbia  
1325 G Street N.W., Suite 800  
Washington, DC 20005

**Re: PEPAMIR**

Dear Ms. Westbrook-Sedgwick:

Enclosed please find Potomac Electric Power Company's ("Pepco") Responses to the District of Columbia Public Service Commission Staff's Follow-up Data Request 1 in the above referenced proceeding.

Please feel free to contact me if you have any questions regarding this matter.

Sincerely,



Dennis P. Jamouneau

Enclosures:

cc: All Parties of Record

POTOMAC ELECTRIC POWER COMPANY  
DISTRICT OF COLUMBIA FORMAL CASE NO. PEPAMIR  
RESPONSE TO STAFF FOLLOW-UP DATA REQUEST NO. 1

QUESTION NO. 1

How many AMI meters have been replaced in the District of Columbia during 2013, 2014, 2015, 2016, 2017, and 2018 to date? Please provide a break-out by reason.

Reference Pepco's responses to Data Request No. 14, Question Nos. 1-2 in Formal Case No. 1056.

PEPCO'S RESPONSE:

Meters are replaced on a routine basis as a normal course of business for many reasons such as meter tampering, damaged meters, service heavy ups, rate changes, regulatory required in-service testing, and maintenance work.

<b>Meter Exchange Reason</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018 YTD</b>	<b>Total</b>
Miscellaneous reasons	1,396	2,296	1,490	3,076	4,051	544	12,853
Communication	146	111	119	1429	1771	321	3,897
Testing	6	42	122	723	360	50	1,303
Green Power (Net Meters)	8	447	736	965	820	286	3,262
Emergency-Trouble-Hazards	11	32	152	344	251	78	868
Rate Changes	30	45	32	106	24	25	262
Service Upgrades	22	59	224	338	141	34	818
Tampering		8	12	9	29	39	97
Damaged-Demolition	56	70	178	203	251	95	853
<b>Total</b>	<b>1,675</b>	<b>3,110</b>	<b>3,065</b>	<b>7,193</b>	<b>7,698</b>	<b>1,472</b>	<b>24,213</b>

FOLLOW-UP REQUEST:

- A. Provide a breakdown of the category "Miscellaneous Reasons." This category represents for over one half of the total reported. Please include a line for "unknown reasons" in the breakdown.
- B. Explain "Green Power (Net Meters)." When a customer switches to Net Metering status, is an exchange of the physical AMI meter required or can the software be updated over the air? How many new Net Metering customers have had their AMI meter updated over the air to date?
- C. Of the 24,213 AMI meters that have been replaced, how many have been (1) refurbished and re-installed at another premise, (2) scrapped or (3) otherwise disposed of? Please explain.

PEPCO'S FOLLOW-UP RESPONSE:

A. See below:

**Miscellaneous Exchange Summary**

	2013	2014	2015	2016	2017	2018
1/2 CHANGE DEVICE REMOVED FROM SERVICE	2	1	3	35	30	2
Blank Display		74				
CHG LOAD STUDY		1				
CHG DEM RESET BROK						1
CHG MISCELLANEOUS	123	122	1177	2559	3660	445
CNG MISSING MTR			2			
CHG MTR READER REQ			1		1	
CHG SWITCHED MTR	5				2	
CHG TO INTERVAL		1	41	269	161	19
CHG WRONG MTR TYPE		1	4	7	9	2
DEVICE NOT TAGGED					3	8
Disconnect Removed	70	96		4	1	5
DISTRIBUTION	19	26	6	1	7	4
Distribution Meter - No Tag on Meter	2	3		2	1	
Inquiry	4					
Inspect	13	12				
INTERVAL ISSUES		1	1	5	3	
PROJECT/PILOT/SURVEY			1		15	7
SWITCH ISSUE			1	11	10	1
MISC OTHER	1154	1958	251	173	148	50
Stopped	3		2	9		
Test	1			1		
Unknown Reasons						
<b>Totals</b>	<b>1396</b>	<b>2296</b>	<b>1490</b>	<b>3076</b>	<b>4051</b>	<b>544</b>

B. Green Power (Net Meters) are meter exchanges associated with Net Metering accounts. Meter exchanges are required when a customer switches to Net Metering. However, Pepco is currently in the pilot phase of testing over-the-air meter programming and is selecting a limited number of sites for the program. Currently 33 customers meters have been re-programmed over-the-air to Net Meters as part of the pilot.

C. 14,060 meters were re-installed at another premise and 4,125 were sent to salvage. The 24,213 is the number of exchanges, not the number of individual meter serial numbers, and that total includes some meters that were installed and removed multiple times over a five-year period.

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QUESTION NO. 4

Regarding the “approximately 3,000 meters in the District of Columbia that are not eligible for conversion,” please provide:

- A. A complete break down covering these 3,000 meters.
- B. For any MV-90 interval meters, indicate which customer classes are represented in this category.
- C. For the MV-90 interval meter category, please provide estimates of the share of Pepco’s load and energy in the District of Columbia this category represents.

PEPCO’S RESPONSE:

- A. As of the first quarter of 2018:

<b>Not Considered Eligible for Replacement</b>	
Inactive	1,180
Company Use	329
MV90	612
Comcast	18
Metro	87
<b>Total</b>	<b>2,226</b>

STAFF FOLLOW UP TO QUESTION NO. 4-A:

- 1. Regarding Comcast and Metro, provide a description of the meters currently in service for these customers and Pepco’s rationale for not replacing them with AMI meters in each case.
- 2. Regarding the “inactive” meters, would they become eligible for conversion if they the account became active?

PEPCO'S FOLLOW-UP RESPONSE:

1. Comcast – Almost all meters represented in the table are Comcast legacy meters and are all line amplifier metering points. This was done because these Comcast devices are powered up at a steady state over time. Pepco worked with Comcast to develop usage charge that captures the monthly energy use necessary for billing these locations and thereby eliminates the need to perform meter reads pre-AMI and reduces the need for metering and support costs under AMI. Therefore, there was no need to replace these meters with AMI.

Metro – Pepco is in the process of changing Metro meters. With the help of Metro resources, 95% will be changed to AMI by the end of the second quarter of 2018. While the meters will be replaced by this time, due to the meter locations, the Metro cellular network will still have to be built out for these meters to be on that network and enable communications. Metro is systematically going through their telecommunications network to build out cellular so Pepco can install access points to enable the AMI meter communication along with the back-haul of data from these meters. The goal is to have the entire Metro communications network enabled by 2020. Metro leadership has been essential in enabling Pepco to complete this project.

2. Yes.

SPONSOR: The Company

## **CERTIFICATE OF SERVICE**

I hereby certify that a copy of Potomac Electric Power Company's Responses to the District of Columbia Public Service Commission Staff's Follow-up Data Request 1 was served on May 18, 2018 on all parties in Docket PEPAMIR by electronic mail.

Ms. Brinda Westbrook-Sedgwick  
Commission Secretary  
Public Service Commission  
of the District of Columbia  
1325 G Street N.W. Suite 800  
Washington, DC 20005  
bwestbrook@psc.dc.gov

Sandra Mattavous-Frye, Esq.  
People's Counsel  
Office of the People's Counsel  
1133 15<sup>th</sup> Street, NW  
Washington, DC 20005  
smfrye@opc-dc.gov

Daniel Durbak  
Siemens Power Transmission  
& Distribution, Inc.  
400 State Street  
PO Box 1058  
Schenectady, NY 12301  
daniel.durbak@siemens.com

Herbert Harris, Chairman  
DC Consumer Utility Board  
1133 15<sup>th</sup> Street NW, Suite 500  
Washington, DC 20005  
dccub@msn.com

Brian J. H. Lederer, Esq.  
International Brotherhood of Electric Workers (IBEW)  
Local 1900  
3003 Van Ness Street, NW  
Suite W228  
Washington, DC 20008  
brian.lederer@att.net

Bernice K. McIntyre, Esq.  
Washington Gas Light Company  
101 Constitution Avenue, NW  
Washington, DC 20080  
bmcintyre@washgas.com

Brian Caldwell, Esq.  
Office of the Attorney General  
for the District of Columbia  
441 4<sup>th</sup> Street, NW  
Suite 450 North  
Washington, DC 20001  
brian.caldwell@dc.gov

Christopher Lipscombe, Esq.  
General Counsel  
Public Service Commission  
of the District of Columbia  
1325 G Street N.W. Suite 800  
Washington, DC 20005  
clipscombe@psc.dc.gov



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Dennis P. Jamouneau