

T&E COMMITTEE #1
February 7, 2011

Briefing

MEMORANDUM

February 3, 2011

TO: Transportation, Infrastructure, Energy and Environment (T&E) Committee
FROM:  Keith Levchenko, Senior Legislative Analyst
SUBJECT: **Briefing: Pepco Reliability Update**

The following officials and staff are expected to attend this briefing:

Pepco

- Tom Graham, President, Pepco Region
- Dave Velazquez, Executive Vice President, Power Delivery

County Government

- Tom Street, Assistant Chief Administrative Officer
- Eric Friedman, Director, Office of Consumer Protection
- Chris Voss, Director, Office of Emergency Management and Homeland Security

On February 7, officials from Pepco will provide an update to the Committee on Pepco's reliability issues. Committee Chairman Roger Berliner sent a list of questions (see letter on ©1-7) to Joseph Rigby, Chairman, Pepco Holdings Inc., in advance of this briefing. Additionally, the Committee may wish to discuss the status and timing of Pepco-related items before the Maryland Public Service Commission and related State legislation under consideration.

The recent storm event on January 26¹, in which over 124,000 Montgomery County Pepco customers lost power (some for as long as 5 days) has led to a number of calls for further regulatory measures by the PSC on electric utilities. Recent letters sent to the PSC and Pepco from Governor Martin O'Malley and from Congressman Chris Van Hollen are attached (see ©21-25).

¹ On Tuesday, February 8 the Council will receive a briefing led by the County's Office of Emergency Management and Homeland Security on the January 26 storm event and the County's and Pepco's response. Additionally, the Maryland Public Service Commission (PSC) has scheduled a hearing on March 3, 2011 to discuss the January 26 storm with both Pepco and BG&E officials.

Background/Timeline

The issue of Pepco's reliability was brought to the forefront last year during the major regional snow event in February 2010 and by a July 2010 severe rain event, both of which resulted in widespread and multiple day power outages in Montgomery County.

Last summer, Pepco disclosed that it ranked in the bottom 25% of utilities for two common measures of day-to-day reliability. Pepco also released a "Reliability Enhancement Plan" (excerpts attached on ©8-20, full document available for download at: http://www.Pepco.com/_res/documents/Pepcoreliabilityplan.pdf).

On August 12, 2010, the Maryland Public Service Commission (PSC) opened an investigation (Case #9240) into the reliability and quality of the electric distribution service of Pepco.² A key element of the investigation is an independent 3rd party (consultant) review of Pepco's system reliability. This review is scheduled to be completed by March 4, 2011. Comments on this consultant report are due May 6.

On October 4, 2010 the County Executive announced the creation of a Pepco Work Group charged with identifying and investigating "the causes for frequent outages and the duration of the outages in the Montgomery County portion of the Pepco service area"; comparing this information to other utilities; reporting these findings; and recommending improvements that would result in "best class" utility service. Work Group information and a list of members is on ©26-27. Staff support is provided by the Office of Consumer Protection, Office of Emergency Management and Homeland Security, the Department of Environmental Protection, and the Office of the Chief Administrative Officer. The group intends to transmit a report to the County Executive in mid-April and brief the Council shortly thereafter. This report will assist the County in developing testimony by the May 6 PSC deadline.

In January, the PSC put forth proposed reliability and service quality standards (Case # RM43). Comments on the proposal are due by February 18. The PSC Staff's analysis of all comments filed together with the Staff's recommendations are due March 11. A rulemaking session is scheduled for March 24. The timing of RM43 is surprising, given that the consultant report in Case #9240 will not be available until March 4 and presumably will greatly influence the discussion.

On February 3, 2011, Montgomery County State Delegate Brian Feldman (along with State Senator Thomas "Mac" Middleton of Charles County) introduced legislation that would require the PSC to adopt enhanced reliability standards by July 2012. Utilities could be fined for poor performance.

Attachments

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² The PSC has several other Pepco-related cases in varying stages of review as well, including:

- Case 9217 (opened on January 15, 2010) related to street lighting tariffs and rates
- Case #9257 (opened on February 1, 2011) related to Pepco's rates as calculated under the bill stabilization adjustment rider
- Order #83832 (opened February 1, 2011) requiring reports from BG&E and PEPCO related to the major storm event of January 26 and attendance at a "legislative-type" hearing on March 3, 2011
- RM43 (opened January 12, 2011) which includes proposed reliability and service quality standards



MONTGOMERY COUNTY COUNCIL
ROCKVILLE, MARYLAND

ROGER BERLINER
COUNCILMEMBER
DISTRICT 1

January 31, 2011

Mr. Joseph Rigby
President
Pepco Holdings, Inc.
791 Ninth Street, NW
Washington, DC 20068

Dear Mr. Rigby,

I deeply regret that you have decided not to appear before our Committee on February 7th. I would urge you to reconsider. All members of the Council have been invited to attend, and I believe will do so.

I sincerely believe you owe the citizens of Montgomery County an apology for your company's unacceptable response to this latest storm; an explanation as to how your company has allowed the system to degrade over many years to the point where our citizens feel compelled to spend tens of thousands of dollars on generators to backstop a fundamental public utility service; why you believe our residents should be satisfied waiting an additional five years to get to average reliability and why that meets either your company's obligations or our citizens legitimate expectations.

I am attaching for your review a selected feedback my office has received in response to your company's performance. I am separately asking my colleagues to do the same. I hope that you personally will take some time to acquaint yourself with these comments. As I shared with your team on a conference call earlier today, I truly believe you and your team are out of touch with the public you serve.

In anticipation of our Committee meeting on the 7th, I would appreciate it if your representatives are prepared to provide responses to the following questions:

I. Latest Storm

Preparation

1. Your representatives have previously stated that you "participated" in the first "mutual assistance" call. Yet, you did not "initiate" that call --- BG&E did. Please explain why when the federal government sent workers home at 4, when road conditions became extremely hazardous by 3:00 pm, and when it was very clear by that point, if not hours earlier, that this storm was a significant event that posed a danger to your weak system, your company did not initiate a mutual assistance request?
2. When the extent of the outages became clear to the company, did the company expand its request for assistance? If so, when, and by how many crews? Is there a limit to the number of crews you can seek? What financial issues, if any, constrain or impact Pepco's willingness to maximize assistance from outside crews?

Performance

1. Does the Company believe that the length of time it has taken to restore power is acceptable? If not, please explain what specific actions could be taken to reduce the length of time it takes to restore power. Please provide the national average for restoration during comparable storms and how long it takes utilities to restore power during a storm that rank in the top quartile nationally.
2. The Company has said that the information provided on its restoration map is as detailed as possible given security concerns. Is it Pepco's position that its restoration map is equal to the "state of art" within the industry today?
3. The Company has consistently defended its communications with customers.
 - a. Are you aware that customers were very frustrated in their ability to reach Pepco? That they received busy signals and long wait times for phones to be answered?
 - b. Are you aware that after reaching Pepco initially, when they called back, there were numerous instances in which the Pepco representative indicated that they had no record of a prior call?
 - c. Do you believe that the map provides information that is helpful to customers who are trying to determine whether they should flee their homes or when they can return?

- d. Are you aware that your representatives have berated residents who have sought additional information as to when their power would be restored ?

II. Historic Performance & Accountability

Reliability

- a. The Company first fell into the lowest quartile in the nation in terms of reliability five years ago. Did the Company highlight this situation in rate case pleadings filed with the Maryland Public Service Commission (MPSC), and if so, would you please provide copies of such pleadings. When did the Company first specifically link its request for funds from the MPSC for reliability enhancements with the poor reliability of the system? Was the Company ever denied funds for projects that were explicitly linked to improvements in the reliability of the system?
- b. The company earns a rate of return on its investment in its system. Given that financial inducement, coupled with the obvious need to upgrade the system that first became apparent more than five years ago, what took the company so many years to request funds to upgrade the system? Was any other company objective, including merger possibilities, considered inconsistent with seeking Commission authorization to upgrade the system? Is there any correlation between the creation of the holding company itself and Pepco's poor performance and the under investment in the system?

Accountability

- a. When was the company's Board of Directors first advised of the company's reliability problems and ratings?
- b. Do you believe it is fair to hold Pepco accountable financially for its poor performance?
- c. Has the Company held any of Pepco's senior officers accountable for its poor performance, and if so, how?
- d. Do you believe executive compensation should be linked to the company's performance?
- e. Do you believe that residents who are forced to expend tens of thousands of dollars to purchase back-up generators to protect their families as a result of your company's unreliable service should be compensated by your company? Do you believe that customers who have suffered repeated power outages should be compensated for lost

wages for workers who work from home, for food stuffs lost to extended outages, for lodging to escape the cold?

III. Reliability Enhancement Plan

Pace of the Plan

- a. Do you believe it is reasonable for residents who have endured very poor reliability for the past five years to wait another five years before reaching "average" reliability?
- b. What constrains the company from improving the system faster?

Scope of the Plan

- c. The company's stated objective is to reach "average" in five more years. Why "average"? Why not top quartile?

IV. MPSC's Proposed Rulemaking

- a. The Commission has recently proposed a rulemaking setting forth standards of reliability taken from the State of Michigan. With respect to the reliability standards set forth in that proposal, where does Pepco performance stand today?
- b. If Pepco were to be meeting those standards today, what quartile of performance nationally would Pepco be in?

Sincerely,



Roger Berliner
Council Vice President
Chair, Transportation,
Infrastructure, Energy &
Environment Committee

Cc: Governor O'Malley
MPSC Chairman Nazarian
Montgomery County State Delegation
Montgomery County Executive Leggett
Montgomery County Councilmembers

**SELECTED QUOTES FROM CONSTITUENT E-MAILS TO
COUNCILMEMBER ROGER BELINER**

“We pay a high rate for our electricity. Because I have oxygen equipment that requires constant electrical power, I had no choice but to add a \$13,000 generator. What portion is Pepco going to pay since this would not be necessary if [Pepco] were doing [its] job.”

“I have worked in the past in the developing world and [Pepco’s] performance reminds me of the third world. The costs to the community are considerable and we are putting people's lives at unnecessary risk. While I understand that Pepco has a five year plan to improve its reliability, these efforts, obviously need to be dramatically accelerated.”

“I heard all kinds of excuses from PEPCO spokespersons, all of which revealed the company's poor management/decision-making and an incomprehensible misunderstanding of public trust.”

“I am writing to you to ask you to consider taking stern actions against PEPCO in light of the recent outage. I moved to Montgomery County in 1978. Prior to then I had lived in Brooklyn, Boston, Chicago, Peoria and Kansas City, for respectively 18 years, 4 years, 3 years, 3 years and 5 years. In the total number of years I lived in all those cities, I do not think I experienced as many power outages as I do in one year in Montgomery County.”

“Essential services must be regulated and held accountable. No power in my home for three days and nights is unacceptable. My mother is 91 and lives alone. I have several neighbors on their own well over 80 years old. Neighbors can and should look out for each other, but the basic services necessary for life and health are the responsibility of all of us, which means the responsibility of government. No power at my doctor's office, no power at major shopping centers, no power at hundreds of traffic lights and no power at over 60 schools for days on end is a complete failure of essential systems.”

“It is inconceivable that a public utility could do this poor a job at restoring power. I don't believe any other major metropolitan area has such a terrible electric utility. Heads at Pepco should roll.”

“While I understand that winter storms can be difficult, I must also state that I have never seen such a failure of corporate management in my 30 plus years living in Montgomery Council. ... This performance is abysmal. Electricity is not a mere convenience but a necessity in the 21st century. Seniors and the disabled, in particular, face life threatening situations when electricity is out for several days. I am not sure whether I live in Montgomery County, one of the most affluent counties in the nation, or in Bagdad, Iraq.”

“It also concerns me that PEPCO does not have adequate communication within their own company. Yesterday, I was told that power would be restored by 11:00 PM on Sunday, January 30th (5 days after it went out). One hour later, I received a call from PEPCO asking me if my power had been restored. My neighbor called PEPCO and was told that her power had been restored... which of course it had not. What kind of company has such difficulty with communication?”

“I think it is past time to talk about what PEPCO should do. The company needs to be taken over and a replaced with a more competent and reliable one. My husband and I will never buy another house in an area serviced by PEPCO.”

"Please, please do something about the reliability of Pepco. We just paid \$500 to stay at a hotel for 2 nights because we could not stay in our house. When we got home we spent over \$150 totally restocking our refrigerator. These are not expenses that are easy for us to manage. Good thing we have a "rainy day" fund. I never thought we would need to save for supplementing Pepco's incompetence."

"Pepco is answering the phone, it's just that they lie through their teeth. We've now received three time estimates all of which were bogus. For the 4th time we are told that it will be by 11 pm tonight. One guy told my neighbor that our block is not a priority."

"PEPCO's outage call-in number now announces with some satisfaction that PEPCO has restored power to a majority of its customers. And it is apparently impossible to speak to a live person at PEPCO. The temperature in my house is 40 degrees and my wife and 6 year old son have been forced to stay with family members in Pennsylvania."

"I ask how they can estimate a fix time without knowing the problem, and they have no response. They need to be fined and/or divested of their assets, with residents allowed to press claims against them for recent consequential losses. Please also advance county tax deductions for solar home installation. I've had it."

"At 6:30 tonight I spoke to PEPCO. They anticipated the power would be on by 11 pm and asked if I would like a call back if it would not be restored by then. I said yes figuring I could then make arrangements to sleep elsewhere. I went out to dinner. No power/heat when I came home. At 10:30 I called again. Again I was told it was anticipated by 11.. so I didn't go to a friends house. It's now about 1:00 am and it's below 45 degrees in my house, PEPCO never called me to say that they weren't going to have the power back on and when I spoke with them just now I was told the new target time is noon on Saturday and that they never call people back to let them know the power won't be on when anticipated. Because I believed (foolish me) them, it is too late for me to sleep elsewhere tonight so I will be in a very cold house for a third night..had the information be accurate this would not be the case. I am cold, tired, frustrated and now angry."

"My grandmother is on 24 hour a day oxygen. She is in Bethesda and is still without power. She too loses power for a significant amount of time during any major storm. We are now at 72+ hours after the storm hit. She is at a stage of health and well being where she would not be able to be moved from her house without the assistance of an ambulance. She is unable to move about on her own and has needed to receive a daily supply of new portable oxygen tanks. We have called Pepco several times with the assurance that it would be fixed by 11pm Friday night. This did not occur."

"I think the biggest problem for my family living on Brigadoon Drive without power is that you can't get any honest assessment from Pepco as to when power is to be restored so making plans in terms of buying kerosene, food, etc is impossible. I called last night at 9:30 PM and was told power would be restored by 11 PM...but then I was told a crew had NOT yet been assigned to my street. When I asked how power would be restored in 1.5 hours if no crew was assigned, I was told they couldn't answer that question. This morning I called and was told a crew had been assigned.. my wife called 30 minutes later and was told a crew had not been assigned yet. Makes planning impossible!"

"My wife and I are expecting our first child in 4 weeks, and we had to evacuate our home so my wife and unborn child could be safe. Tonight my wife, a 1995 graduate of Churchill High

School, and I had a real heart to heart discussion about raising our child in Montgomery County. We have grave concerns over the services the county is providing its citizens, and obviously Pepco is getting most of our attention. We have a tough decision to make. We either are going to have to purchase a backup generator, or leave Montgomery County.”

“If it were possible to get updated information, the wait would be a little less frustrating. The Pepco computer map is not detailed enough, I live on Longwood Drive - which is totally without power. According to the map, there is no outage on Longwood Drive. According to the automated phone system, when one can get through, there is an outage. The phone system message encourages customers to call back frequently, but Pepco can't handle it. Live phone connections, almost impossible to achieve, are no more informative.”



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PEPCO RELIABILITY ENHANCEMENT PLAN SUMMARY

Pepco has announced the development of a six-point reliability plan that advances work on existing programs as well as initiates new activities. These programs are intended to increase substantially the reliability of the distribution system across Maryland by reducing both the frequency and duration of outages for our customers. The total cost of this work over the next five years is estimated to be in excess of a quarter billion dollars and increases our expenditures by \$100 million over the next five years. Improving the reliability of the electric system is critically important to everyone at Pepco. We will continue to improve our performance and work with our customers to address their concerns.

Summary - Pepco Maryland

Data is in millions

	Current Annual	Current Five-Year	Planned Annual	Planned Five-Year
1. Enhanced Vegetation Management	\$4.3	\$21.5	\$7.3	\$36.5
2. Priority Feeders	\$4.5	\$22.5	\$6.5	\$32.5
3. Load Growth	\$12.0	\$60.0	\$12.0	\$60.0
4. Distribution Automation	\$1.2	\$6.0	\$3.0	\$15.0
5. URD Cable Replacement	\$6.3	\$31.5	\$7.5	\$37.5
6. Selective Undergrounding/ Substation Improvements	\$0	\$0	\$15.0	\$75.0
TOTAL	\$28.3	\$141.5	\$51.3	\$256.5

Plan Description

1. Enhanced Vegetation Management

Enhanced vegetation management includes tree trimming along public rights of way to obtain increased clearance between the overhead electric wires and existing trees. In addition to tree trimming, Pepco also will work with counties, communities and homeowners to remove trees that are dead, in poor health or would damage the distribution system if they were to fall.

2. Priority Feeders

Each year Pepco selects feeders across Maryland that we determine are the least performing feeders. We perform detailed investigations to determine the cause of outages and necessary corrective actions to reduce the number of outages. A feeder is one electric distribution line that supplies electric power to up to 1,100 customers within a specific geographic area. We are expanding this program by 45 percent.



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3. Load Growth

Each year Pepco evaluates the need to add or upgrade feeders in order to reliably supply new customers and support increased usage required by existing customers. This program is part of our long-established system planning process that ensures the continued availability of safe and reliable power for our customers.

4. Distribution Automation

Distribution automation involves installing advanced control systems across the distribution system to allow the electric system to identify faults and perform switching automatically. These technologies will automatically isolate the failed pieces of equipment and restore most of the affected customers within minutes of the failure. Pepco was awarded \$10.25 million in Department of Energy Smart Grid Investment Grants to help fund the advancement of this technology in Maryland.

5. Underground Residential Distribution (URD) Cable Replacement

Pepco has a long-standing project to replace cable that generally was installed during the 1970s. This program replaces cable to prevent future failures and increases the reliability of the distribution system for customers supplied from the underground system. Since 2007, Pepco has upgraded more than 1.2 million feet (230 miles) of underground cable across Maryland at a cost of \$27 million. We are planning to expand this program by 20 percent.

6. Selective Undergrounding/Substation Improvements

As Pepco evaluates the performance of individual feeders, the need to perform more aggressive modification to the system is identified. This approach to improving reliability has obtained significant benefits, but, in some cases, still has not achieved the needed level of reliability. In these limited areas that traditional modifications on the overhead system have not produced desired results, we will evaluate the possibility of selectively replacing the overhead system with an underground system. In addition, measures already are being taken to harden the high-voltage substation supply lines to reduce the number of tree-related outages. By increasing the reliability of the supply lines, we increase the reliability of the substation, which also increases the reliability of 12 to 15 individual distribution feeders supplied by each substation.

WHY IS PEPCO IMPLEMENTING THESE PROGRAMS?

- Despite the generally positive results that we have had reducing outage duration times (CAIDI), we have not had the same result reducing the frequency of outages. These programs will further reduce both the frequency and duration of outages.
- While there are state regulations specifically governing tree trimming and removal along public rights of way, we are confident that by working with state, county and community leaders we will obtain the required permission to perform more aggressive trimming and selective removal.
- Pepco applies best-practice engineering and economic principles to siting and line design according to the characteristics of each project situation.
- This plan will result in substantial improvements over the next five years, and we will continue to make adjustments as necessary, as we implement the plan.



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Pepco
Reliability Enhancement Plan
For
Montgomery County, Maryland
Including
Distribution System Overview and Reliability Initiatives

August 2010

1. EXECUTIVE SUMMARY

Pepco is committed to providing safe and reliable service at a reasonable cost. This requires the Company and utility regulators to balance the cost of various system designs and equipment replacement strategies with the increased reliability that these designs will provide so as to demonstrate reasonableness. It also requires balancing the effectiveness of these investments relative to the additional cost to our customers. In support of this business objective, Pepco's goal is to have a "robust" system with adequate systems and practices in place to assure continued reliable performance for a median range of operating conditions and the ability to respond to events that are in excess of the design of the system. For daily operations, Pepco maintains sufficient staffing of utility employees and contractor resources to address routine maintenance and construction activities, and most storm events, on our distribution system. In the event of significant outages, resource requirements may exceed normal staffing levels. For such events, Pepco follows accepted business practices and participates in several state, regional and national mutual assistance groups that pool resources during significant outage events and allocates them, by mutual agreement, for the most effective deployment. Periodically, member utilities meet to review restoration procedures, mutual assistance and operating best practices. This report provides an overview of Pepco's distribution system and the efforts under way or planned to increase reliability of the distribution system, all of which support Pepco's goal to provide safe and reliable service to its customers.

Overhead and Underground Network Configuration

A review of Pepco's overhead and underground infrastructure shows that a significant portion of customers within Montgomery County (County) are currently served by underground circuits. Within the County, there are 398 distribution circuits of which 84 are totally underground construction, 193 have greater than 90% overhead construction and 77 circuits have greater than 25% underground construction. Therefore, many customers supplied from an underground circuit may also have a limited exposure to the overhead system due to circuits containing both overhead and underground facilities. Many studies have been performed to evaluate the potential to underground overhead facilities to improve reliability during storms. However, the cost of undergrounding large portions of the overhead system would place Pepco outside of industry norms from a cost standpoint and would not meet the test of reasonableness to impose additional costs on customers for the return in increased reliability. Instead, Pepco has undertaken a process that will provide the long-term benefits of a targeted Primary Feeder undergrounding strategy, paired with a plan to reduce the vulnerability of its overhead system to environmental hazards. This represents a reasonable approach that is in line with industry best practice as well as regulatory standards, and is directly aligned with improving outages most commonly caused by storm conditions.

System Design

Pepco's practices surrounding placement and maintenance of system design components such as substations, transformers and feeders are well within industry practices; there are, however, some areas of opportunity. Pepco is also taking advantage of current technologies that will support increases in reliability. For instance, Pepco is increasing the number of automatic reclosers on its system and replacing mechanical switching devices with more sophisticated electronic devices. This increase in system flexibility and fault isolation capability will reduce the impact of routine storms on the system and thereby improve reliability. In addition, Pepco is currently in the early stages of building out a new wireless network that will enable the retrieval of network outage information down to the customer meter to significantly improve customer restoration times. This is the rollout of our Advance Metering Infrastructure (AMI) system that was recently approved by the Maryland Public Service Commission. Further, automation enhancements are in the planning/engineering stage and will be tested in the field this year. Pepco anticipates that it will take approximately four years to fully implement the AMI and distribution automation systems.

Load Modeling

Pepco uses the industry best practices of load modeling and forward load forecasting in order to identify loads which are at, or near, limits, and corrects them by the adding or up-rating feeders where required. Pepco's state-of-the-art, software-based process allows the company to model system loading to ensure that the system is not unduly overloaded and that the provision of contingency also does not overload the system.

Pepco Reliability Enhancement Plan - 2010

Locaton	Feeder	Location / Subdivision	Jurisdiction							Status	Timing
				2% Priority Feeder Work	Vegetation Management (Tree Trimming)	Underground Cable Replacement and Upgrade	Substation Supply Hardening	Load Growth	DIET Automation Improvements		
Bethesda	14834	General area between Old Georgetown Rd. and Chelton Rd., and East-West Highway and Cheltenham Dr., Bethesda, MD.	Montgomery County					X		Complete	4th Quarter 2010
Bethesda	14867	Vicinity east of Wisconsin Ave., south of East-West Highway. Also, vicinity between Wisconsin Ave. and Old Georgetown Rd., north of East-West Highway, Bethesda, MD.	Montgomery County					X		Complete	4th Quarter 2010
Bethesda	14869	Bradley Hills, Chevy Chase Terr, Kenwood - The area bounded by Hampden La., Bradley Blvd., Wisconsin Ave., and Arlington Rd., Bethesda, MD	Montgomery County						X	In Construction	1st Quarter 2011
Bethesda	14943	Vicinity of MacArthur Blvd. from Walhounding Rd. to Vendome Dr., Bethesda, MD.	Montgomery County		X					In Progress	4th Quarter 2010
Bethesda	14943	Vicinity of MacArthur Blvd. from Walhounding Rd. to Vendome Dr., Bethesda, MD.	Montgomery County					X		Complete	4th Quarter 2010
Bethesda	14943	The Pallsades, Congressional Country Club ESTS, Cabin John, Glen Echo - Vicinity of MacArthur Blvd. from Walhounding Rd. to Vendome Dr., Bethesda, MD.	Montgomery County						X	In Construction	1st Quarter 2011
Bethesda	14943	Vicinity of MacArthur Blvd. from Walhounding Rd. to Vendome Dr., Bethesda, MD. - Major MC SAIFI contribution	Montgomery County	X						In Engineering	2nd Quarter 2011
Bethesda	14944	Woodburn, Merrimack Park, Kenwood Park - General area of MacArthur Blvd. from Walhounding Rd. to Brickyard Rd., Bethesda, MD	Montgomery County						X	Complete	4th Quarter 2010
Bethesda	14945	Massachusetts Ave. from Avalon Dr. to Duvall Dr. and adjacent streets in Bethesda, MD.	Montgomery County		X					In Construction	1st Quarter 2011
Bethesda	14945	Glen Echo Hgts, Sumner, Westhaven, Westgate, Glen Cove, Brookdale, Westwood Shopping Center - Massachusetts Ave. from Avalon Dr. to Duvall Dr. and adjacent streets in Bethesda, MD.	Montgomery County						X	In Planning	4th Quarter 2011
Bethesda	14948	Pyle Rd. between Goldsboro Rd. and Wilson La., and along Wilson La. from Pyle Rd. and Bradley Blvd. Also, along Bradley Blvd. between Aberdeen Rd. and Brite Rd., Bethesda, MD.	Montgomery County		X					In Progress	4th Quarter 2010
Bethesda	14948	Wilson Knolls, Oakwood Knolls, Locust Ridge, Landon Wood, English VII, Bradley Hills - Pyle Rd. between Goldsboro Rd. and Wilson La., and along Wilson La. from Pyle Rd. and Bradley Blvd. Also, along Bradley Blvd. between Aberdeen Rd. and Brite Rd., Bethesda, MD	Montgomery County						X	Complete	1st Quarter 2011
Bethesda	14949	Springfield - Vicinity of Ridgefield Rd. between River Rd. and Kirkwood Dr. and River Rd. between Brookside Dr. and Western Ave., Bethesda, MD	Montgomery County						X	Complete	4th Quarter 2010
Bethesda	14950	General vicinity of Goldsboro Rd. from Newburn Dr. to Bradley Blvd., Bradley Blvd. from Brite Dr. to Hillandale Rd. and Chevy Chase Blvd. from Hillandale Rd. to Wisconsin Ave., Bethesda, MD.	Montgomery County		X					Planning	1st Quarter 2011
Bethesda	14950	General vicinity of Goldsboro Rd. from Newburn Dr. to Bradley Blvd., Bradley Blvd. from Brite Dr. to Hillandale Rd. and Chevy Chase Blvd. from Hillandale Rd. to Wisconsin Ave., Bethesda, MD. Major MC SAIFI contribution	Montgomery County	X						In Engineering	2nd Quarter 2011
Bethesda	14951	General vicinity of River Rd. from Goldsboro Rd. to Ridgefield Rd. Brookside Dr., Chamberlain Ave. and Dorset Ave., Bethesda, MD.	Montgomery County					X		Complete	4th Quarter 2010

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Pepco Reliability Enhancement Plan - 2010

Locaton	Feeder	Location / Subdivision	Jurisdiction								Status	Timeline
				2% Priority Feeder Work	Vegetation Management (Tree Trimming)	Underground Cable Replacement and Upgrade	Substation Supply Hardening	Load Growth	Dist Automation Improvements			
Bethesda	14951	Westwood, Kenwood - General vicinity of River Rd. from Goldsboro Rd. to Ridgefield Rd. Brookside Dr., Chamberlain Ave. and Dorset Ave., Bethesda, MD	Montgomery County							X	Complete	4th Quarter 2010
Bethesda	14952	Glen Echo Hgts, Potomac Palisade Park, Washington Waldorf - Massachusetts Ave. from Avalon Dr. to Sangamore Dr. and River Rd. between Butler Rd. and Ridgefield Rd., Bethesda, MD.	Montgomery County							X	In Construction	2nd Quarter 2011
Bethesda	15106	General vicinity of Bradley Blvd., Burning Tree Rd., Green Tree Rd. and Beech Tree Rd., Bethesda, MD.	Montgomery County		X						Complete	4th Quarter 2010
Bethesda	15106	Longwood, Bradley Manor, Tuscullun, Bradley Hills Grove, Drumaldry, Green Tree Manor, Stratton Wood, Fernwood, - General vicinity of Bradley Blvd., Burning Tree Rd., Green Tree Rd. and Beech Tree Rd., Bethesda, MD	Montgomery County							X	Complete	4th Quarter 2010
Bethesda	15108	McCauley Park, Kentdale Ests, Bradley Park, West Bethesda Park, Burning Tree Valley, Cohasset - Vicinity of Kentdale Dr. between Bradley Blvd. and Sorrel Ave., Bethesda, MD	Montgomery County							X	Complete	4th Quarter 2010
Bethesda	15110	General vicinity of Arrowood Rd. from Arrowood Ct. to Burdette Rd., Hillmead Rd. from Burdette Rd. to Bradley Blvd., Bradley Blvd. from Hillmead Rd. to Glenwood Rd., Woodhaven Blvd. from Bradley Blvd. to Hawthorne Rd., Bethesda, MD. - Major MC SAIFI contribution	Montgomery County	X							In Engineering	2nd Quarter 2011
Bethesda	15111	Rose Hill Ests, Burning Tree Ests, Stonehurst Center, Seven Locks Hills, Carderrock Springs, Evergreen, Cabin John Park - General vicinity of Seven Locks Rd. between Bradley Blvd. and MacArthur Blvd. and River Rd. between Falls Rd. and Fenway Dr., Bethesda, MD.	Montgomery County							X	Complete	4th Quarter 2010
Bethesda	15115	Wildwood Hills, Knollwood, Windsor Hills, Bells Mill VII, Bells Mill Springs, - General vicinity of Seven Locks Rd., Democracy Blvd., Bells Mill Rd., Bethesda, MD	Montgomery County							X	Complete	4th Quarter 2010
Bethesda	15144	Edgemoor, Bradley Hills - Vicinities of Arlington Rd. between Moorland La. and Elm St., Wilson La. between Cordell Ave. and Aberdeen Rd. and Apple Ridge Rd. at Custer Rd., Bethesda, MD	Montgomery County							X	In Construction	1st Quarter 2011
Bethesda	15145	Vicinity of Auburn, Norfolk, and Rugby Avenues between Georgetown Road and Wisconsin Avenue, and vicinity of Wisconsin Avenue between Rugby Avenue and Pooks Hill Road, Bethesda, MD.	Montgomery County						X		Complete	4th Quarter 2010
Bethesda	15793	Pooks Hill Apartment - Pooks Hill Road	Montgomery County			X					In Construction	4th Quarter 2010
Bethesda	15793	Vicinity of Johnson Ave., Ewing Ave., Willmet Dr. and Beech Ave., between Old Georgetown Road and Pooks Hill Road, Bethesda, MD. - Major MC SAIFI contribution	Montgomery County	X							In Engineering	2nd Quarter 2011
Bethesda	15797	Sacred Heart School - Pooks Hill Road	Montgomery County			X					Complete	4th Quarter 2010
Bethesda	34013	N/A - General Areas Throughout the County	Montgomery County				X				In Planning	1st Quarter 2011
Chevy Chase	14271	Vicinity of Montgomery Hills Park Area - Montgomery Street from Fraser Avenue to Brookville Road	Montgomery County	X							In Construction	1st Quarter 2011

Pepco Reliability Enhancement Plan - 2010

Locaton	Feeder	Location / Subdivision	Jurisdiction								Status	Timeline
				2 nd Priority Feeder Work	Vegetation Management (Tree Trimming)	Underground Cable Replacement and Upgrade	Substation Supply Hardening	Load Growth	Dial Automation Improvements			
Chevy Chase	14271	Vicinity of Lyttonville Rd. between Brookeville Rd. and Grubb Rd. and Grubb Rd. between East-West Highway and Western Ave., Chevy Chase, MD.	Montgomery County						X		In Planning	2nd Quarter 2011
Chevy Chase	14896	Chevy Chase Section 3 - along Connecticut Avenue from Chevy Chase Circle to Bradley Lane	Montgomery County	X							In Construction	1st Quarter 2011
Colesville	14207	Fairview Estates / Randolph Rd E/O New Hampshire Ave	Montgomery County			X					Complete	
Colesville	14489	Paint Branch Estates / Randolph Rd S/O Fairland Rd	Montgomery County			X					Complete	
Colesville	14493	Vicinity of Musgrove Rd. between Columbia Pike and Fairland Rd. and Fairland Rd. between Musgrove Rd. and Tamarack Rd., Fairland, MD.	Montgomery County		X						Complete	4th Quarter 2010
Colesville	14866	General vicinity west of Old Georgetown Rd. between Wilson La. and Singleton Dr., Bethesda, MD. - Major MC SAIFI contribution	Montgomery County	X							In Engineering	2nd Quarter 2011
Colesville	15023	General vicinity of New Hampshire Ave. from Shaw Ave. to Randolph Rd. and Randolph Rd. from Georgia Ave. to New Hampshire Ave., Colesville, MD.	Montgomery County		X						Complete	4th Quarter 2010
Colesville	15023	General vicinity of New Hampshire Ave. from Shaw Ave. to Randolph Rd. and Randolph Rd. from Georgia Ave. to New Hampshire Ave., Colesville, MD. - Major MC SAIFI contribution	Montgomery County	X							In Engineering	2nd Quarter 2011
Colesville	15030	Briggs Road and Camella Drive - General vicinity of Randolph Rd. from New Hampshire Ave. to Middlevale Lane and Briggs Rd. From Middlevale Lane to Hathaway Dr., Wheaton, MD.	Montgomery County	X							Initial mitigation work complete - Long term corrective action In Planning	2nd Quarter 2011
Colesville	15030	General vicinity of Randolph Rd. from New Hampshire Ave. to Middlevale Lane and Briggs Rd. From Middlevale Lane to Hathaway Dr., Wheaton, MD. - Major MC SAIFI contribution	Montgomery County	X							In Engineering	2nd Quarter 2011
Darnestown	15230	Tree Trimming, installation of ACR and switch, and field inspection in the vicinity of Springfield, Popular Hill, Esworthy and White Rock Roads.	Montgomery County	X							In Engineering	1st Quarter 2011
Darnestown	15238	Ancient Oak North / Colton lane. URD cable replacement/curing in the vicinity of Colton Lane.	Montgomery County			X					In Construction	4th Quarter 2010
Darnestown	15238	Ancient Oak North / Colton lane. URD cable replacement/curing in the vicinity of Colton Lane.	Montgomery County	X							In Engineering	2nd Quarter 2011
Darnestown	15286	Tree Trimming and field inspection in the vicinity of Hi Wood Rd. URD cable replacement/curing in the vicinity of Emily Dr.	Montgomery County	X							In Engineering	1st Quarter 2011
Fairland	14492	Countryside / Briggs Chaney Rd W/O Old Columbia Pike	Montgomery County			X					Complete	
Four Corners	14452	Woodside Parkway and Dale Drive - Vicinity of University Blvd. at Indian Spring Dr. and Colesville Rd. between Brewster Ave. and Spring St., Silver Spring, MD.	Montgomery County	X							Initial mitigation work complete - Long term corrective action In Planning	2nd Quarter 2011
Gaithersburg	14063	Vicinity of Quince Orchard Blvd. at Sebastian Blvd. and W. Diamond Ave. at Muddy Branch Rd., Gaithersburg, MD.	Montgomery County						X		Complete	
Gaithersburg	14066	Muddy Branch Rd. north of Fields Rd., Fields Rd. from Muddy Branch Rd. to Shady Grove Rd., and Shady Grove Rd. north of Fields Rd., Gaithersburg, MD.	Montgomery County						X		Complete	
Gaithersburg	14070	General vicinity of Quince Orchard Rd., Pin Oak Dr., Chestnut St., Water St., and Cedar Ave., Gaithersburg, MD.	Montgomery County						X		Complete	

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Pepco Reliability Enhancement Plan - 2010

Locaton	Feeder	Location / Subdivision	Jurisdiction							Status	Timeline
				2% Priority Feeder Work	Vegetation Management (Tree Trimming)	Underground Cable Replacement and Upgrade	Substation Supply Handing	Load Growth	Dist Automation Improvements		
Gaithersburg	14389	Maryland Place / Montgomery Village	Montgomery County			X				In Construction	4th Quarter 2010
Gaithersburg	15067	General vicinity of Research Blvd. from Darnestown Rd. to Shady Grove Rd., Gaithersburg, MD.	Montgomery County					X		In Engineering	2nd Quarter 2011
Gaithersburg	15235	General vicinity of Blackrock Rd., Darnestown Rd., Sugarland Rd. and Partnership Rd., Sugarland, MD.	Montgomery County		X					In Planning	4th Quarter 2010
Gaithersburg	15251	Vicinity of Emory Grove Rd. between Strawberry Knoll RD. and Grover Rd. and Goshen Rd. between Odenhal Ave. and Centerway Rd., Gaithersburg, MD.	Montgomery County		X					Complete	4th Quarter 2010
Gaithersburg	15251	Vicinity of Emory Grove Rd. between Strawberry Knoll RD. and Grover Rd. and Goshen Rd. between Odenhal Ave. and Centerway Rd., Gaithersburg, MD. - Major MC SAIFI contribution	Montgomery County	X						In Engineering	2nd Quarter 2011
Gaithersburg	15256	Vicinity of Laytonsville Rd., Warfield Rd. and Goshen Rd., Gaithersburg, MD.	Montgomery County		X					Complete	4th Quarter 2010
Gaithersburg	15256	Warfield Rd from Woodfield Rd to Addenbrook Way and Goshen Rd from Warfield Rd to Brink Rd	Montgomery County	X						In Engineering	1st Quarter 2011
Gaithersburg	15284	Westleigh / Dufief Mill Rd EO Quince Orchard Rd	Montgomery County			X				In Construction	4th Quarter 2010
Gaithersburg	15834	Muddy Branch Road - Vicinity of Shady Grove Rd. between Research Court and Gaither Rd., Rockville, MD.	Montgomery County	X						Initial mitigation work complete - Long term corrective action In Planning	2nd Quarter 2011
Gaithersburg	15834	Vicinity of Shady Grove Rd. between Research Court and Gaither Rd., Rockville, MD.	Montgomery County					X		Complete	
Germantown	14886	General vicinity of Blunt Rd. from Frederick Rd. to Brink Rd., Gaithersburg, MD.	Montgomery County		X					Complete	4th Quarter 2010
Germantown	15238	Vicinity of Riffelord Rd., Darnestown Rd. and Jones Lane, Gaithersburg, MD. - Major MC SAIFI contribution	Montgomery County	X						In Engineering	2nd Quarter 2011
Glen Echo	14951	Oakland Road and Brookland Drive - General vicinity of River Rd. from Goldsboro Rd. to Ridgefield Rd. Brookeside Dr., Chamberlain Ave. and Dorset Ave., Bethesda, MD.	Montgomery County	X						Initial mitigation work complete - Long term corrective action In Planning	2nd Quarter 2011
Glen Echo	14768 / 14769	Sumner Village / Sentinel Dr E/O Sangamore Rd	Montgomery County			X				Complete	4th Quarter 2010
Norbeck	14264	General vicinity of Brookville Rd. from Stewart Ave. to East-West Highway and Jones Mill Rd. between Jones Bridge Rd. and East-West Highway, Silver Spring, MD. - Major MC SAIFI contribution	Montgomery County	X						In Engineering	2nd Quarter 2011
Norbeck	15120	Bowie Mill Road - Vicinity of Muncaster Mill Rd. between Redland Rd. and Needwood Rd., Bowie Mill Rd. between Muncaster Mill Rd. and Cashell Rd. and Cashell Rd. between Brooke Mill Rd. and Emory La., Norbeck, MD.	Montgomery County	X						Initial mitigation work complete - Long term corrective action In Planning	2nd Quarter 2011
Norbeck	15123	General vicinity of Emory La., Muncaster Mill Rd. and Needwood Rd., Norbeck, MD.	Montgomery County					X		In Planning	2nd Quarter 2011
Norbeck	15126	19000 Block of Georgia Avenue, Patrick Henry Drive - General vicinity of Georgia Ave. from Emory La. to Olney Laytonsville Rd., Brookeville Rd., Olney, MD.	Montgomery County	X						In Construction	2nd Quarter 2011

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Pepco Reliability Enhancement Plan - 2010

Locaton	Feeder	Location / Subdivision	Jurisdiction								Status	Timeline
				2½ Priority Feeder Work	Vegetation Management (Tree Trimming)	Underground Cable Replacement and Upgrade	Substation Supply Hardening	Load Growth	Dist. Automation Improvements			
Norbeck	15127	Dominion Drive, Woodale Drive, Batchellors Forest Road - General vicinity of Georgia Ave., Bachelors Forest Rd., Sandy Spring Rd., Brooke Rd., Olney, MD.	Montgomery County	X							Initial mitigation work complete - Long term corrective action In Planning	2nd Quarter 2011
Norbeck	15128	Vicinity of Georgia Ave. between Batchellor Forest Rd. an Norbeck Rd, Norbeck Rd. between Georgia and Twin Valley Ln., Norwood Road between Twin Valley Ln. and Layhill Road, Ednor Rd. between Norwood Rd. and Woodale Dr., and Layhill Rd. between Norwood R	Montgomery County		X						Complete	4th Quarter 2010
Norbeck	15128	Allenwood / Norbeck Rd E/O Georgia Ave	Montgomery County			X					Complete	
Norbeck	15129	Old Baltimore Road - Vicinity of Georgia Ave. to Old Baltimore Rd., Olney Sandy Spring Rd. to Prince Philip Dr., down to Brook Grove Rd., Olney, MD.	Montgomery County	X							Initial mitigation work complete - Long term corrective action In Planning	2nd Quarter 2011
Norbeck	69079	N/A - General Areas Throughout the County	Montgomery County				X				In Planning	1st Quarter 2011
Norbeck	69082	N/A - General Areas Throughout the County	Montgomery County				X				In Planning	1st Quarter 2011
Olney	15127	General vicinity of Georgia Ave., Bachelors Forest Rd., Sandy Spring Rd., Brooke Rd., Olney, MD.	Montgomery County					X			Complete	
Olney	15129	Vicinity of Georgia Ave. to Old Baltimore Rd., Olney Sandy Spring Rd. to Prince Philip Dr., down to Brook Grove Rd., Olney, MD.	Montgomery County					X			Complete	
Potomac	14967	Williamsburg Gdns, Fawsett Farms, Potomac Ranch - General vicinity bounded by Falls Rd. north to Brickyard Rd. and MacArthur Blvd. and west to River Rd., Potomac, MD	Montgomery County						X		In Construction	1st Quarter 2011
Potomac	14970	Vicinity of Glen Rd. from Falls Rd. to Query Mill Rd., Travilah Rd. from Glen Rd. to Travilah Terr. and Stoney Creek Rd. from Travilah Rd. to Stoney Creek Way, Potomac, MD.	Montgomery County		X						Complete	4th Quarter 2010
Potomac	14970	Potomac Farm Ests, Glen Vista, Glen Mill VII, Justment Woods, Hollinridge, Horizon Hill, Glen, Glen Elm Farm Ests, The Ests at Greenbriar Preserve, Palatine, Beallmount Grove, Hannibal Farms	Montgomery County						X		Complete	4th Quarter 2010
Potomac	14970	Vicinity of Glen Rd. from Falls Rd. to Query Mill Rd., Travilah Rd. from Glen Rd. to Travilah Terr. and Stoney Creek Rd. from Travilah Rd. to Stoney Creek Way, Potomac, MD. - Major MC SAIFI contribution	Montgomery County	X							In Engineering	2nd Quarter 2011
Potomac	14971	General vicinity of River Rd. from Falls Rd. to Bradley Blvd. and Persimmon Tree Rd. from River Rd. to Bradley Blvd, Potomac, MD.	Montgomery County		X						In Progress	4th Quarter 2010
Potomac	14973	The Village / Falls Rd S/O River Rd	Montgomery County			X					In Engineering	2nd Quarter 2011
Potomac	14974	Pine Knolls, East Gate of Potomac, Elberon, Lake Normandy Ests, Old Fiels, Fox Knolls - Vicinity of Bells Mill Rd. between Falls Rd. and Great Arbor Dr. and Falls Rd. between Bells Mill Rd. and Marseille Dr., Potomac, MD	Montgomery County						X		Complete	1st Quarter 2011
Potomac	14976	Williamsburg Ests, Potomac Ranch, Mazza Woods, River Falls, Carderock - Vicinity of Falls Rd. between River Rd. and Brickyard Rd., Brickyard Rd. between Falls Rd. and McArthur Blvd., Potomac, MD.	Montgomery County						X		Complete	1st Quarter 2011

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Pepco Reliability Enhancement Plan - 2010

Locaton	Feeder	Location / Subdivision	Jurisdiction								Status	Timeline
				2% Priority Feeder Work	Vegetation Management (Tree Trimming)	Underground Cable Replacement and Upgrade	Substation Supply Handeling	Load Growth	Dist Automation Improvements			
Potomac	14977	Vicinity of River Road between Bradley Blvd. and Seven Locks Road, and Bradley Blvd. south of River Road.	Montgomery County	X							In Planning	4th Quarter 2010
Potomac	15153	Vicinity of Pepco R/W between Coppola Court and Falls Road, Rockville, MD.	Montgomery County	X							In Progress	4th Quarter 2010
Potomac	15158	General vicinity of Gainsborough Rd. from Regency Rd. to Seven Locks Rd., Regency Estates, Montrose Rd. including Montrose Woods, North Farm, Merrimack Park, Rollins Park, Rockville, MD.	Montgomery County	X							In Progress	4th Quarter 2010
Potomac	15163	Vicinity of Post Oak Rd. between Devilwood Dr. and Seven Locks Rd. and Seven Locks Rd. between Gainsboro Rd and Fortune Terrace, Potomac, MD.	Montgomery County						X		In Planning	2nd Quarter 2011
Potomac	14088 / 14083	Inverness / Tuckerman Rd W/O Seven Locks Rd	Montgomery County			X					Complete	
Quince Orchard	15233	Vicinity of Clopper Road at Steeple Road, Richter Farm Road, and Hopkins Road.	Montgomery County						X		Complete	
Quince Orchard	69061R	N/A - General Areas Throughout the County	Montgomery County				X				In Planning	1st Quarter 2011
Rockville	14081	General vicinity of Tuckerman La. from Westlake Dr. to Old Georgetown Rd., and Old Georgetown Rd. from Lux La. to Executive Boulevard, Bethesda, MD.	Montgomery County	X							In Planning	4th Quarter 2010
Rockville	14086	Vicinity of Old Georgetown Rd. and Rockledge Dr., Bethesda, MD	Montgomery County	X							In Planning	4th Quarter 2010
Rockville	14087	Tuckerman La. between Westlake Dr. and Marcliff Dr. Tilden La. between Old Georgetown Rd. and Old Stage Rd., Bethesda, MD.	Montgomery County	X							In Planning	4th Quarter 2010
Rockville	14862	Owens Court / West Montgomery Ave E/O Nelson St	Montgomery County			X					Complete	
Rockville	14914	Rock Creek Manor / Aspen Hill Rd N/O Viers Mill Rd	Montgomery County			X					Complete	
Rockville	14931	General vicinity of Parklawn Dr., Twinbrook Parkway, Fisher La., Rockville, MD.	Montgomery County						X		Complete	4th Quarter 2010
Rockville	14941	General vicinity of Montrose Rd., Rockville Pike, White Flint Mall, Rockville, MD.	Montgomery County						X		Complete	4th Quarter 2010
Rockville	15164	Green Leaf Avenue / Seven Locks Rd S/O Montrose Rd	Montgomery County			X					Complete	
Rockville	15286	Rockshrie - Emily Drive	Montgomery County			X					In Construction	4th Quarter 2010
Rockville	34977	N/A - General Areas Throughout the County	Montgomery County				X				In Planning	1st Quarter 2011
Rockville	69180	N/A - General Areas Throughout the County	Montgomery County				X				In Planning	1st Quarter 2011
Rockville	69185	N/A - General Areas Throughout the County	Montgomery County				X				In Planning	1st Quarter 2011
Rockville	69195	N/A - General Areas Throughout the County	Montgomery County				X				In Planning	1st Quarter 2011
Rockville	69197	N/A - General Areas Throughout the County	Montgomery County				X				In Planning	1st Quarter 2011
Shady Grove	15853	Vicinity of Muddy Branch Road north of Darnestown Road and Quince Orchard Road.	Montgomery County						X		Complete	
Silver Spring	14263	Rockcreek Stream Valley Park Area - Talbot Ave from Lanier Dr to Montgomery St	Montgomery County	X							In Construction	1st Quarter 2011

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Peppo Reliability Enhancement Plan - 2010

Locaton	Feeder	Location / Subdivision	Jurisdiction								Status	Timeline
				2% Priority Feeder Work	Vegetation Management (Tree Trimming)	Underground Cable Replacement and Upgrade	Substation Supply Hardening	Load Growth	Dist Automation Improvements			
Silver Spring	14264	Silver Spring and Chevy Chase Village. General vicinity of Connecticut Avenue, Brookville Road, East West Hwy., and Jones Mill Road,	Montgomery County		X						Complete	4th Quarter 2010
Silver Spring	14267	General vicinity of Linden Lane and Woodstock Ave. and Stoneybrook Dr. and Hill Rd., Kensington, MD.	Montgomery County		X						In Progress	4th Quarter 2010
Silver Spring	14860	Dale Drive / Area between Colesville Rd and Georgia Ave	Montgomery County			X					Complete	
Silver Spring	15797	Vicinity of Wisconsin Ave. between Cedar Lane and Pooks Hill Rd., Bethesda, MD	Montgomery County		X						In Progress	4th Quarter 2010
Takoma Park	14986	General vicinities of Hilltop Rd. between Maple Ave. and Piney Branch Rd., Flower Ave. from Piney Branch Rd. to Plymouth St., Manchester Rd. from Piney Branch Rd. to Schuyler Rd. and Wayne Ave. between Manchester Rd. and Fenton St., Silver Spring, MD.	Montgomery County		X						Complete	4th Quarter 2010
Takoma Park	14986	General vicinities of Hilltop Rd. between Maple Ave. and Piney Branch Rd., Flower Ave. from Piney Branch Rd. to Plymouth St., Manchester Rd. from Piney Branch Rd. to Schuyler Rd. and Wayne Ave. between Manchester Rd. and Fenton St., Silver Spring, MD. - Major MC SAIFI contribution	Montgomery County	X							In Engineering	2nd Quarter 2011
Takoma Park	14987	General vicinities of Maple Ave. between Philadelphia Ave. and Tulip Ave., Blair Rd. from Chestnut St. to Georgia Ave. and Georgia Ave. from Blair Rd. to Philadelphia Ave., Silver Spring, MD.	Montgomery County		X						In Planning	4th Quarter 2010
Takoma Park	15199	Vicinity of Spring Park Area - Stigo Mill Road from Eastern Ave to approximately 500 ft east of Sheridan Street	Montgomery County	X							In Construction	1st Quarter 2011
Takoma Park	69141	N/A - General Areas Throughout the County	Montgomery County					X			In Planning	1st Quarter 2011
Takoma Park	69142	N/A - General Areas Throughout the County	Montgomery County					X			In Planning	1st Quarter 2011
Takoma Park	69144	N/A - General Areas Throughout the County	Montgomery County					X			In Planning	1st Quarter 2011
Takoma Park	14987	Takoma Park Area - Maple Ave from Tulip Ave to Valley View Ave	Montgomery County	X							In Construction	4th Quarter 2010

NOTE: * Feeders identified as repeat feeders that needs to be addressed per DC PSC Order 16941.

Vegetation Management (Tree Trimming) - Integrated vegetation management includes tree trimming along public rights of way to obtain increased clearance between the overhead electric wires and existing trees. In addition to tree trimming, Pepco also will work with UFA, US Park Service, communities and homeowners to remove trees that are dead, in poor health or would damage the distribution system if they were to fall

Load Growth - Each year Pepco evaluates the need to add or upgrade feeders in order to reliably supply new customers and support increased usage required by existing customers. This program is part of our long-established system planning process that ensures the continued availability of safe and reliable power for our customers.

Pepco Reliability Enhancement Plan - 2010

Locaton	Feeder	Location / Subdivision	Jurisdiction	2% Priority Feeder Work	Vegetation Management (Tree Trimming)	Underground Cable Replacement and Upgrade	Substation Supply Hardening	Load Growth	Dist Automation Improvements	Status	Timeline
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Priority Feeders Work - Each year Pepco selects feeders across Maryland that we determine are the least performing feeders. We perform detailed investigations to determine the cause of outages and necessary corrective actions to reduce the number of outages. A feeder is one electric distribution line that supplies electric power to up to 1,100 customers within a specific geographic area. We are expanding this program by 45 percent.

Substation Hardening / Selective Undergrounding - As Pepco evaluates the performance of individual feeders, the need to perform more aggressive modification to the system is identified. This approach to improving reliability has obtained significant benefits, but, in some cases, still has not achieved the needed level of reliability. In these limited areas that traditional modifications on the overhead system have not produced desired results, we will evaluate the possibility of selectively replacing the overhead system with an underground system. In addition, measures already are being taken to harden the high-voltage substation supply lines to reduce the number of tree-related outages. By increasing the reliability of the supply lines, we increase the reliability of the substation, which also increases the reliability of 12 to 15 individual distribution feeders supplied by each substation.

Distribution Automation - Distribution automation involves installing advanced control systems across the distribution system to allow the electric system to identify faults and perform switching automatically. These technologies will automatically isolate the failed pieces of equipment and restore most of the affected customers within minutes of the failure. Pepco was awarded a \$15 million Department of Energy Smart Grid Investment Grant to help fund the advancement of this technology.

4kV to 13kV Conversion Projects - The 4kV distribution system supplies load throughout various neighborhoods in the District of Columbia. The 4kV system has been an effective and reliable supply to Pepco customers. As load characteristics change or the system reliability decreases and requires more maintenance, portions of the 4kV system have been gradually replaced with a 13kV distribution system. The conversion of 4kV facilities to 13kV is an on-going activity. Conversion projects have been proposed to replace 4kV facilities due to increased load density or where replacement was the best economic alternative. The 13kV system is capable of supplying a greater density of load and generally produces less electrical losses.

Feeder Improvement Work - Pepco has endeavored to address problematic feeder performance at a community level as well. Should a particular feeder exhibit poor performance and that feeder supplies a community, Pepco tries to address the community-based reliability impact by looking at all of the distribution supplies into the community for improvement opportunities. Some recent examples of this are the Crestwood, Shepherd Park, and Palisades communities within the District.

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MARTIN O'MALLEY
GOVERNOR

STATE HOUSE
100 STATE Circle
ANNAPOLIS, MARYLAND 21401-1925
(410) 974-3901
(TOLL FREE) 1-800-811-8336

TTY USERS CALL VIA MD RELAY

January 29, 2011

Douglas R. M. Nazarian, Chairman
Maryland Public Service Commission
6 St. Paul Street
Baltimore, MD 21202

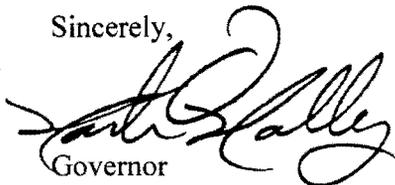
Re: Pepco Power Outages Beginning January 26, 2011

Dear Chairman Nazarian:

Enclosed please find a letter I sent to Mr. Rigby today, expressing my outrage about the ongoing outages in Montgomery and Prince George's Counties. I realize that the Commission currently has an active proceeding regarding Pepco's reliability. However, I suggest that the failings displayed during this storm event require, at the least, that you order the Pepco executives to come to your hearing room and explain to their customers and the Commission why it is taking five days to restore power to many, why the company seemingly delayed on requesting outside assistance, and why their customer communications failed so miserably.

Thank you for your attention to this matter.

Sincerely,


Governor

cc: Joseph Rigby, Chairman, PHI



MARTIN O'MALLEY
GOVERNOR

STATE HOUSE
100 STATE Circle
ANNAPOLIS, MARYLAND 21401-1925
(410) 974-3901
(TOLL FREE) 1-800-811-8336

TTY USERS CALL VIA MD RELAY

January 29, 2011

Joseph Rigby, Chairman
Pepco Holdings Inc.
701 Ninth Street, N.W.
Washington, D.C. 20068

Re: Pepco Power Outages Beginning January 26, 2011

Dear Mr. Rigby:

It is with great frustration and enormous concern for the 26,000 Montgomery County residents and the 1,500 Prince George's County residents that remain without power that I write, yet again, to express my anger that we seem to be back where we started.

Why can't Pepco perform as its fellow utilities do? To date, BGE has restored service to 227,800 of the 233,500, or 98%, of its customers affected by the storm. Pepco still has 27,500 customers in Maryland without electricity, a restoration rate of a dismal 80%. I am also outraged that your customer communication remains unacceptable; the outage map posted to your website crashed yet again, leaving customers seeking information about their outage in the dark.

Finally, the reports of Pepco's slow response in requesting assistance from other jurisdictions is outrageous and demands further inquiry.

Despite earnest promises, numerous press releases, and even a six point plan, families in our State woke up, for the third morning in a row, to a cold, dark house, with Pepco advising them that service should be restored by 11 pm tomorrow night. Five days in the dark is simply not acceptable.

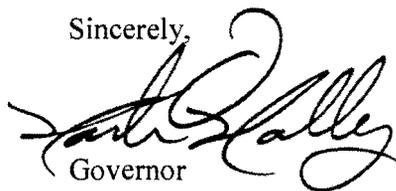
I have asked the Public Service Commission to conduct an immediate hearing regarding these many issues arising from this storm. I also expect the General Assembly to pass legislation that Delegate Feldman and I will introduce, requiring the Commission to adopt enhanced reliability standards and allowing the Commission to fine utilities for poor performance and direct those payments back to the affected ratepayers.

Mr. Joseph Rigby
- Page Two -

I know that the Pepco employees are hard at work, in cold difficult conditions, doing the best work they can. My frustration is directed at you and your leadership team; these elongated outages must end.

Thank you for your attention to this matter.

Sincerely,



Governor

cc: Douglas R. M. Nazarian, Chairman

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CHRIS VAN HOLLEN
8TH DISTRICT, MARYLAND

COMMITTEE ON
WAYS AND MEANS

COMMITTEE ON OVERSIGHT AND
GOVERNMENT REFORM

Congress of the United States
House of Representatives
Washington, DC 20515

February 1, 2011

1707 LONGWORTH HOUSE OFFICE BUILDING
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HYATTSVILLE, MD 20783
(301) 891-6982

www.vanhollen.house.gov

Mr. Joseph M. Rigby
President & Chief Executive Officer
Pepco Holdings, Inc.
701 9th Street, NW
Washington, DC 20001-4572

Dear Mr. Rigby:

"Enough is enough" – that is the collective sentiment of my constituents in Montgomery and Prince George's Counties regarding Pepco's abysmal handling of the recent storm and power outages. I share that sentiment. Simply put, Pepco's performance has been unacceptable. This latest episode is part of a continuing problem. After each episode there are hearings, briefings, reports and promises of improved performance, yet nothing seems to change. It is time to change the leadership at Pepco. Individuals must be held accountable, and shareholders should not be paid dividends until these problems are resolved.

None of this is to diminish the hard work of the staff, and especially the outdoor work crews, who worked tirelessly in cold and icy conditions to restore electricity to homes, businesses, and medical facilities. The problem is not with the crews working around the clock. It is a broader, systemic failure. The problems include the following:

- **Extent of the power outages:** Many of my constituents have lived in numerous other cities, states and countries with far more severe winters, full tree canopies and, in some cases, far less development. Yet they all concur that they have never before experienced either the number of outages or the delays in restoring power that they encounter with Pepco.
- **Delays in fully restoring power:** While the frequency and extent of power outages are significant concerns, the amount of time it takes to fully restore power is equally problematic. This is especially true when, as has been reported in various news outlets, Pepco is compared to other local utilities.
- **Inadequacy of call system:** Numerous residents were unsuccessful when calling Pepco's 1-877-737-2662 hotline to report power outages and downed wires or to obtain a status update. They encountered busy signals, a voicemail system that was full, and dropped calls. When customers called Pepco a second or third time to check on their status, they were often advised that there was no record of their outage as having been previously reported. When these problems were mentioned during the daily briefings of elected officials, Pepco insisted that customers were improperly using the system.
- **Priority for senior living facilities:** Numerous senior living facilities lost their power with many not regaining power until Friday evening. Pepco advised me that it is not possible for Pepco to prioritize power restoration for these facilities, since they are spread throughout the grid. As I have previously urged, it is essential that these facilities have a

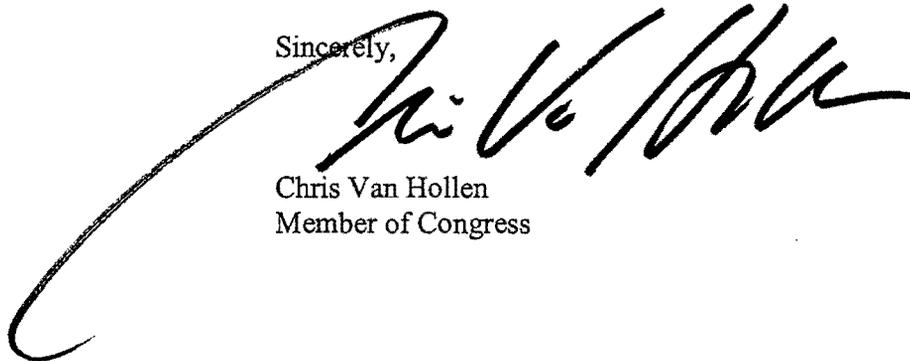
Mr. Joseph M. Rigby
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designated Pepco contact for these types of situations and that they be given priority in power restoration.

- **Outage map on Pepco website:** The map proved to be virtually useless, with information being inaccurate and not adequately geographically specific. Indeed, at one point, the error-filled map was simply taken down by Pepco.
- **Incorrect estimates for power restoration:** Customers were given inaccurate and often differing estimates for when their power would be restored, making it impossible to make plans and to safely care for the elderly, the sick and young children.
- **Priority of downed wires:** Pepco lists "downed live wires or potentially life-threatening situations" as its foremost priority. Yet I received numerous pleas from constituents with downed lines who had been calling Pepco repeatedly with no action taken. As late as four days later, my staff was informed by Pepco that one specific downed wire problem had not yet been assigned to a crew; other constituents with downed wires reported that the problems were still being addressed throughout the weekend.

After each storm, we have the ritualistic gnashing of teeth and calls for investigations from many area politicians. Many of us have tempered our statements in the past to give Pepco the opportunity to make its promised adjustments and changes. Nothing has worked. I strongly support calls for the Public Service Commission to conduct immediate hearings and legislation in Annapolis that would require enhanced reliability standards so as to allow utilities to be fined for poor performance. But in the near-term, it is time for a change of leadership and a complete overhaul of Pepco's management.

Sincerely,



Chris Van Hollen
Member of Congress

CVH/AW



MONTGOMERY COUNTY, MARYLAND

News Release

For Immediate Release: 10/4/2010

Newly Formed Pepco Work Group to Study Causes of and Solutions for Utility's Frequent Outages and Their Duration; Leggett Announces Members of Work Group Headed by Retired Lockheed Martin CEO Norman Augustine

Responding to residents' increasing frustrations with Pepco's response and overall performance during several severe weather emergencies this year and to help assure reliable electricity for the County, Montgomery County Executive Ike Leggett today announced the names of residents selected to serve on the new Pepco Work Group. The group will identify and investigate causes for the frequent electricity outages and their duration.

Leggett said "It is incredibly important that we do not go through again what we experienced in February and July and August. While Pepco may be focused on these individual storms, we can't afford to stop there. We have to figure out why Pepco power outages occur regularly, on even the nicest of days, threatening life, inconveniencing families, and costing our businesses millions."

The group's work plan will consist of four parts:

- 1) Identify and investigate the causes for frequent outages and the duration of the outages in the Montgomery County portion of the Pepco service area;
- 2) Investigate and review Pepco's historic comparative position to other utilities regarding service stability and reliability;
- 3) Report the group's findings; and
- 4) Recommend improvements that will result in "best in class" utility service.

Among the issues to be addressed are:

- 1) Adequacy of Pepco's preventative maintenance and tree trimming programs;
- 2) Pepco's infrastructure and determining its contribution to the frequency of the outages;
- 3) Pepco's contracting and operational procedures and practices for bringing in mutual aid and other contractual resources to bear in emergency situations;
- 4) Adequacy of Pepco's communications systems for notifying and hearing from the public during major emergencies.
- 5) Adequacy of Pepco's staffing to respond to normal maintenance activities, as well as to major emergencies.
- 6) The contribution of non-field causes to unreliable service (e.g., a rate structure that does not incentivize preventative maintenance; the absence of possible rate credits and other reparations to customers for damages caused, the lack of threat of payment of fines to the

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Public Service Commission); and

7) Adequacy of coordinating activities with the County during major emergency conditions.

The group is expected to submit a final report, with recommendations, within the next three to six months.

Leggett said he was “enormously pleased at how many residents were willing to roll up their sleeves and offer their perspectives and time to help assure reliable electricity for our County.”

The Pepco Work Group will be chaired by Norman R. Augustine, retired CEO of Lockheed Martin and Montgomery County resident, whose numerous leadership positions include having served as Under Secretary of the Army, Chairman and Principal Officer of the American Red Cross and President of the Boy Scouts of America. He also received the National Medal of Technology from the President of the United States and is a five-time recipient of the Distinguished Service Medal, the Department of Defense’s highest civilian decoration. Augustine has been cited for his “ability to cut through complex issues quickly” and to be able to “bring diverse groups of people together to focus on getting results.”

“I’m especially pleased that we have someone of Norman Augustine’s caliber heading the group,” Leggett said. “Given his results-oriented background and the credentials of the group as a whole, I know their final report will present some viable options for solutions to the issue at hand.”

Members of the group are:

- Gerald Fitzpatrick, National Institute of Standards and Smart Grid expert who serves on the Federal Smart Grid Task Force.
- Michal Ilana Freedhoff, staff member on the House Energy and Commerce Commission;
- Keith Haller, communications expert;
- Scott Hempling, executive director of the National Regulatory Research Institute;
- Brian Lang, representing the development and property management industries;
- Carmen Larsen, co-chair, Latin American Advisory Group;
- Steve Richter, electric utility industry consultant;
- Debbie Robins of Century Distributors, Inc. representing large employers;
- Arthur Slesinger, representing County civic associations;
- Scott Ullery, Rockville City Manager representing County municipalities; and
- Jim Young of Marriott International representing the hospitality industry.

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