

Andrea H. Harper  
Associate General Counsel

EP9628  
701 Ninth Street NW  
Washington, DC 20068-0001

Office 202.331.6649  
Fax 202.331.6767  
pepco.com  
ahharper.pepcoholdings.com

February 7, 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

**PUBLIC**

**Re: Formal Case No. 1145**

Dear Ms. Westbrook-Sedgwick:

Pursuant to Paragraphs 141, 188 and 273 of Order No. 19167, enclosed, please find the public portions of the District Department of Transportation and Potomac Electric Power Company's Ninety-Day Compliance Filing in the above-referenced proceeding. Contained in the Ninety-Day Compliance Filing are the estimated start and end dates for the selected feeders required in D.C. Code §34- 1313.08(b). Confidential portions of the filing are being provided under separate cover.

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

Sincerely,

A handwritten signature in blue ink that reads "Andrea H. Harper". The signature is fluid and cursive, with the first name "Andrea" and last name "Harper" clearly legible.

Andrea H. Harper

Enclosures

**BEFORE THE  
PUBLIC SERVICE COMMISSION  
OF THE DISTRICT OF COLUMBIA**

**IN THE MATTER OF  
APPLICATIONS FOR APPROVAL  
OF BIENNIAL UNDERGROUND  
INFRASTRUCTURE IMPROVEMENT  
PROJECTS PLANS AND FINANCING  
ORDERS**

)  
)  
)  
)  
)  
)

**Formal Case No. 1145**

**JOINT APPLICATION OF POTOMAC ELECTRIC  
POWER COMPANY AND THE DISTRICT  
DEPARTMENT OF TRANSPORTATION FOR  
APPROVAL OF BIENNIAL UNDERGROUND  
INFRASTRUCTURE IMPROVEMENT  
PROJECTS PLAN AND FINANCING ORDERS**

**NINETY-DAY COMPLIANCE FILING**

**February 7, 2018**



An Exelon Company



## **Table of Contents**

<b>I.</b>	<b>BACKGROUND .....</b>	<b>3</b>
<b>II.</b>	<b>BENNING AREA RELIABILITY PLAN UPDATE .....</b>	<b>5</b>
<b>III.</b>	<b>FEEDER 308 CURRENT DESIGN .....</b>	<b>5</b>
<b>IV.</b>	<b>ADDITIONAL UNDERGROUNDING PLANS.....</b>	<b>6</b>
<b>V.</b>	<b>COORDINATION AND COMMUNICATION.....</b>	<b>7</b>
<b>VI.</b>	<b>DEFERRED COSTS .....</b>	<b>8</b>
<b>VII.</b>	<b>RECONCILIATION OF SPENDING FROM FIRST BIENNIAL PLAN .....</b>	<b>9</b>
<b>VIII.</b>	<b>CIVIL CONSTRUCTION COSTS FOR FEEDER 14900 .....</b>	<b>9</b>
<b>IX.</b>	<b>ESTIMATED REVENUE REQUIREMENT .....</b>	<b>10</b>
<b>X.</b>	<b>STATUS OF DESIGN OF ALL SIX FEEDERS .....</b>	<b>10</b>

## **NINETY-DAY COMPLIANCE FILING**

Pursuant to Paragraphs 141, 188 and 273 of Order No. 19167, the District Department of Transportation (“DDOT”) and Potomac Electric Power Company (“Pepco”) (collectively, “Joint Applicants”) hereby submit to the Public Service Commission of the District of Columbia (“Commission”) their Ninety-Day Compliance Filing. Contained in the Ninety-Day Compliance Filing are the estimated start and end dates for the selected feeders required in D.C. Code §34-1313.08(b).

### **I. BACKGROUND**

On May 17, 2017, the Mayor signed into law the *Electric Company Infrastructure Improvement Financing Emergency Amendment Act of 2017* (D.C. Act 22-56), amending the *Electric Company Infrastructure Improvement Financing Act of 2014* (D.C. Law 20-102) (the “Original Act”), and subsequently, on May 19, 2017, signed identical permanent legislation, the *Electric Company Infrastructure Improvement Financing Emergency Amendment Act of 2017* (D.C. Law 22-05) (the “Amendment Act”), which became effective July 11, 2017 (the Original Act, as amended by the Amendment Act, the “Undergrounding Act”).<sup>1</sup> Section 308(b), codified as D.C. Code §34-1313.08(b), required that “[w]ithin 90 days after the biennial Underground Infrastructure Improvements Projects Plan is approved by the Commission, the electric company and DDOT shall identify the estimated start date and projected end date for each project

---

<sup>1</sup> To the extent there is any ambiguity, the term “Undergrounding Act” means the Original Act as it may be amended from time to time, including by the Electric Company Infrastructure Improvement Financing Amendment Act of 2015, Title II, Subtitle K of D.C. Law 21-36, effective October 22, 2015.

approved in the plan.” On November 9, 2017, the Commission issued Order No. 19167,<sup>2</sup> as clarified on January 18, 2018 by Order No. 19237,<sup>3</sup> approving the Joint Applicants First Biennial Plan, the Underground Project Charge, the imposition of the DDOT Charge on Pepco, and the Underground Rider. In Order No. 19167, the Commission required the Joint Applicants to file a Ninety-Day Compliance Filing on February 7, 2018 containing:

- A report on the status of all design work for the six feeders, both civil drawings and electrical schematics;
- An explanation of the changes in the designs for Feeder 308 made since the First Triennial Plan;
- A report on plans for undergrounding any portion of any parallel feeder, including details of any additional costs;
- A schedule of formal utility coordination meetings, the Joint Applicants' plan for communicating updates to other utilities when there is a change in DC PLUG work or schedule, and an explanation of their strategy for overcoming challenges with telecom coordination;
- Estimated annual revenue requirements, including details of any applicable District property taxes, for the First Biennial Plan through the conclusion of construction;
- An itemization of "Amortization of Deferred Costs;"
- A reconciliation of \$60 million total First Biennial Plan DDOT Charge and the total DDOT construction spending planned for the first Biennial Plan;
- A report explaining how much of the civil construction costs for Feeder 14900 will be counted towards the \$62.5 million District capital budget portion of the overall DC PLUG financing identified in the New Act;
- A report on the progress of the Benning Area Reliability Plan, including Feeders 15705 and 15707; and
- Submit estimated start and end dates for each project included in the First Biennial Plan.

The Joint Applicants provide herein the information directed in Order No. 19167 and D.C. Code §34-1313.08(b).

---

<sup>2</sup> Formal Case No. 1145, Order No. 19167 (November 9, 2017)

<sup>3</sup> Formal Case No. 1145, Order No. 19237 ( January 18, 2018)

## **II. PROGRESS REPORT ON THE BENNING AREA RELIABILITY PLAN**

Pepco filed its first update on the Benning Area Reliability Plan on December 11, 2017. This status report updates the Commission on the status of Feeders 15705 and 15707 since the last report. Feeder 15705 is a part of Phase 1 in the system reconfiguration work, which is currently out for bid and will be constructed once awarded. Feeder 15707, which is a part of Phase 2, currently has the plan developed which involves the on-going efforts to improve the feeder's reliability and will move through formal engineering and design upon completion of the initial phase of the project.

## **III. DETAILED EXPLANATION OF THE CHANGES IN THE DESIGN FOR FEEDER 308 BETWEEN THE TRIENNIAL PLAN AND THE BIENNIAL PLAN**

The Triennial Plan Preliminary Design was based on the 2014 overhead footprint of the existing path of Feeder 308. The 2017 Biennial Plan Preliminary Design is a culmination of the more detailed and refined designs based on extensive field work and the completed Feeder 308 Civil Engineering Drawing package. General changes include use of single-phase conductor loop design, alternative routing and leaving some portions overhead.

Additional detailed changes from the Triennial Plan to the Biennial Plan preliminary designs show:

1. Added undergrounding of Feeder 308 on Brandywine Street from Western Ave to 49<sup>th</sup> Street per actual feeder configuration.
2. Installed a new switch at Brandywine Street and 49<sup>th</sup> Street.
3. Changed route of undergrounding work on Asbury Place from Chesapeake Street to Brandywine Street.

4. Reduced the amount of undergrounding on 48<sup>th</sup> Street from Brandywine Street to Chesapeake Street.
5. Reduced the amount of undergrounding on 47<sup>th</sup> Street from Brandywine Street to Chesapeake Street.
6. Placed additional sections underground along Chesapeake Street from 48<sup>th</sup> Street to 46<sup>th</sup> Street.
7. Installed a new switch at 46<sup>th</sup> Street and Davenport Street.
8. Installed a new switch at 44<sup>th</sup> Street and Garrison Street.
9. Left overhead facilities in place along River Road North and South of 45<sup>th</sup> Street.
10. Eliminated the undergrounding on 45<sup>th</sup> Street from Faraday Street to Garrison Street.
11. Eliminated the undergrounding on Faraday Place West of 44<sup>th</sup> Street. Leaving overhead facilities in place.
12. Extended undergrounding on 45<sup>th</sup> Street, north of Garrison Street to Harrison Street due to feeder configuration.
13. Eliminated approximately half of the undergrounding on 44<sup>th</sup> Street North of Harrison Street. Existing overhead facilities to bus depot will remain.
14. Installed sixteen new Tapholes for single-phase loop design.
15. Eliminated three-phase construction where it was not required in the design.

#### **IV. REPORT ON PLANS FOR PLACING UNDERGROUND ANY PORTION OF THE IDENTIFIED PARALLEL FEEDERS, INCLUDING DETAILS OF ANY ADDITIONAL COSTS**

The decision to place parallel feeders underground will be made on a case-by-case basis as further engineering design is completed. At this point, Pepco has identified the parallel feeders that run along the same route as the existing overhead of the six DC PLUG feeders. The

parallel feeders associated with each DC PLUG feeder were identified in Appendix B of the First Biennial Plan. As routes are finalized in the design process, the parallel feeders that will be placed underground will also be finalized. Feeder routes will be finalized during civil engineering design after field surveys have been completed. Upon design finalization, cost estimates will be developed for those parallel feeders that will be placed underground.

DC PLUG has final civil designs for Feeders 308 and 14900 and, thus, has made a final determination on parallel feeders that will be placed underground with these feeders as shown in Attachment A.

**Feeder: 14900**

For Feeder 14900, there are no parallel feeders that follow the same route of the approximately 1.7 mile portion of the feeder that is being placed underground as part of DDOT roadway reconstruction project.

**Feeder: 308**

For Feeder 308, the plan includes placing approximately 1,550 feet of the mainline underground for Feeders 144 and 394. Feeders 144 and 394 run in parallel with the route of Feeder 308 which travels east on Brandywine from Western Avenue to 49<sup>th</sup> Street.

**Differential Cost Estimate: \$165,000**

**V. SCHEDULE OF FORMAL UTILITY COORDINATION MEETINGS, PLAN FOR COMMUNICATING ONGOING UPDATES WHEN THERE IS A CHANGE IN DC PLUG INITIATIVE WORK OR SCHEDULE, AND STRATEGY TO OVERCOME THE CHALLENGES WITH TELECOM COORDINATION**

DDOT will continue to hold monthly utility coordination meetings on the final Tuesday of each month, excluding the months of August and December. During the meetings, a DC PLUG team representative provides a status report on the DC PLUG initiative. Information

provided in the DC PLUG initiative update may include feeder design status, feeder construction schedule estimates, potential opportunity projects, and other high-level information.

Any change in DC PLUG initiative work or schedules requiring immediate attention will be conveyed to the affected parties via telephone call and/or email notification.

In an effort to overcome the challenges with telecom coordination, the telecom companies will be provided with plans to review at various stages throughout the design process, which is standard with all DDOT infrastructure projects.

Although there may not be a need to remove any poles, Pepco will continue its telecom coordination for pole attachment transfers in the National Joint Use Notification System (“NJUNS”), which is a database notification system that allows users to update their transfer status individually. Once a new pole is set and all work has been completed, a ticket is created in NJUNS. The ticket lists the companies that are holding or attached to the old pole in order of their attachment transfer placement, with the company that has the highest attachment being the first to transfer. Once a company’s attachment transfer is completed and the ticket is updated in NJUNS, a notice is sent to the next company to transfer its attachment until all attachments are transferred, and the pole is clear. Once this occurs, Pepco receives a notice to remove the pole and restore the area. The ticket is then completed, and the process for the pole is closed.

## **VI. ITEMIZATION OF THE AMORTIZATION OF DEFERRED COSTS THAT AMOUNTED TO \$2,761,432 IN 2017**

For a description of the type of expenses that are included in the deferred costs category, please refer the response to question seven of Company Witness Janocha’s Direct Testimony, in PEPCO(C) and on page 3 of the First Biennial Plan. A detailed itemized breakdown of the \$2,761,432 can be found in Attachment B.

**VII. RECONCILIATION OF THE \$60 MILLION FIRST BIENNIAL PLAN DDOT CHARGE AND THE TOTAL DDOT CONSTRUCTION SPENDING PLANNED FOR THE FIRST BIENNIAL PLAN**

The PSC approved \$60 million over the next 2 years, broken down in \$2.5 million increments per month. The District is prohibited by law from making an obligation or authorizing any expenditure without available funds; thus, DDOT must receive all required funding for each solicitation prior to issuing a request for proposal. Based on this requirement, DDOT's current overall spend plan for the First Biennial Plan is estimated at \$72.35M. Please see the detailed schedule in the Confidential Attachment C. DDOT will continue to provide updates of actual spend for prior months in the semi-annual meetings and annual reports.

**VIII. REPORT EXPLAINING HOW MUCH OF THE CIVIL CONSTRUCTION COSTS FOR FEEDER 14900 WILL BE COUNTED TOWARDS THE \$62.5 MILLION DISTRICT CAPITAL BUDGET PORTION OF THE DC PLUG FINANCING**

The 1.7 - mile section of Feeder 14900 that is being placed underground is an opportunity project that is part of a larger DDOT project that was scheduled as part of DDOT's FY2015-2021 Statewide Transportation Improvement Program.

The DDOT cost from the itemized feeder cost estimate in the First Biennial Plan Application Appendix H will be the civil construction costs for Feeder 14900 which will be counted towards the \$62.5M District capital budget portion of the DC PLUG financing (see the yellow highlighted cell in the Confidential Attachment D). The design of the larger project does not allow for exact determination of the small portion that constitutes the DC PLUG initiative opportunity project. However, DDOT will provide closer estimates of the actual costs in semi-annual meetings and annual report once construction is completed.

**IX. ESTIMATED REVENUE REQUIREMENT FOR THE FIRST BIENNIAL PLAN THROUGH COMPLETION OF CONSTRUCTION, INCLUDING APPLICABLE DISTRICT TAXES**

Attachment E contains the forecasted expenditures revised to reflect known and measureable changes, including changes to the design and construction procurement schedules to nine months and the federal tax reduction. The attached revenue requirement update is informational only. No rates have been updated. The revenue requirements and rates will be updated through the annual adjustment to the Underground Project Charges.

**X. REPORT ON STATUS OF DESIGN OF ALL SIX FEEDERS**

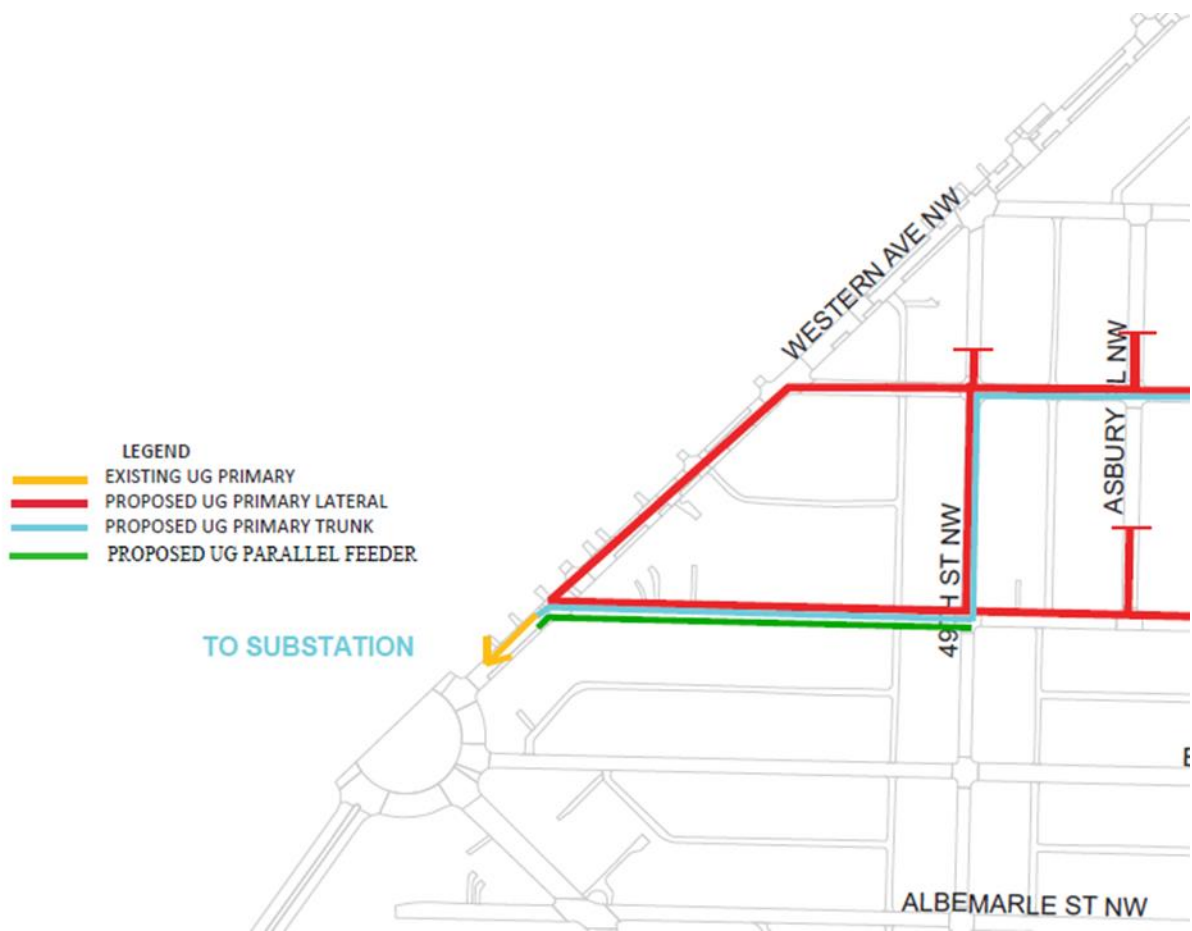
Attachment F contains the projects plan outline and Attachment G contains the detailed schedules for all six feeders, fulfilling both the statutory requirement under D.C. Code §34-1313.08(b) and the regulatory requirement under Paragraph 239 of Order No. 19167. The Joint Applicants have shared the schedules with the members of the DDOT coordination meetings and will continue to work with the other utilities. Please see the table below for the projects schedule start and end dates.

<b>District of Columbia Ward</b>	<b>Feeder</b>	<b>Estimated Start Date</b>	<b>Projected End Date</b>
3	308	11/2018	1/2020
4	14900	3/2019	7/2021
7	368	12/2020	6/2022
5	14007	1/2021	12/2022
8	14758	3/2021	12/2022
4	15009	3/2021	1/2023

The detailed civil design for Feeders 308 and 14900 are complete and are being submitted concurrently to the Commission and OPC for informal review. Pepco proposed schematics for Feeders 14007 and 368 have been updated and are ready for DDOT to use for civil design services procurement. See Attachment G for the scheduled completion date of the Pepco proposed schematics for Feeders 15009 and 14758 as well as the electrical detailed design for all the feeders.

# **ATTACHMENT A**

## **PARALLEL FEEDERS**



## **ATTACHMENT B**

### **DEFERRED COSTS**

Year	Description	Amount	Notes:
2015	Contractor-Other Services	\$ 117,172	Communications Customer Education Plan
2015	General-Fees and Licenses	\$ 70,000	DC Treasurer - Order No. 17959
2015	General-Fees and Licenses	\$ 67,941	DC Treasurer - Order No. 17978
2015	General-Fees and Licenses	\$ 40,200	DC Treasurer - Order No. 18047
2015	General-Fees and Licenses	\$ 338,960	OPC Review Order 17581
2015	General-Fees and Licenses	\$ 41,205	OPC Review Order 17831
2016	Contractor-Other Services	\$ 11,189	Communications Customer Education Plan
2016	General-Fees and Licenses	\$ 102,650	OPC Review Order 17693
2016	General-Fees and Licenses	\$ 250,000	Commission Review Order 17473
2016	General-Fees and Licenses	\$ (240,781)	Commission Refund FC 1116
2016	General-Fees and Licenses	\$ 20,000	DC Treasurer - Order No. 18620
<b>Total</b>		<b>\$ 818,536</b>	

Description of Work	DC PLUG In-House Engineering Expenses	DC PLUG Engineering Contractor Expenses	DC PLUG Engineering Expenses Per Feeder
FEEDER 15021 - WARD 4	\$ 30,950	\$ -	\$ 30,950
FEEDER 467 - WARD 3	\$ 17,760	\$ -	\$ 17,760
FEEDER 15707 - WARD 7	\$ 57,531	\$ 2,188	\$ 59,719
FEEDER 14136 - WARD 3	\$ 1,042	\$ -	\$ 1,042
FEEDER 15130 - WARD 7	\$ 14,324	\$ -	\$ 14,324
FEEDER 15166 - WARD 8	\$ 11,876	\$ -	\$ 11,876
FEEDER 14261 - WARD 7	\$ 678,652	\$ 996,425	\$ 1,675,077
FEEDER 75 - WARD 3	\$ 36,469	\$ -	\$ 36,469
FEEDER 14093 - WARD 5	\$ 9,229	\$ -	\$ 9,229
FEEDER 14008 - WARD 5	\$ 12,628	\$ -	\$ 12,628
FEEDER 15001 - WARD 4	\$ 27,987	\$ -	\$ 27,987
FEEDER 15177 - WARD 8	\$ 45,835	\$ -	\$ 45,835
<b>Total Engineering Expenses</b>	<b>\$ 944,283</b>	<b>\$ 998,613</b>	<b>\$ 1,942,896</b>
<b>Total Deferred Expenses</b>			<b>\$ 2,761,432</b>

**CONFIDENTIAL  
ATTACHMENT C**

**RECONCILIATION OF  
SPENDING FROM FIRST  
BIENNIAL PLAN**

CONFIDENTIAL ATTACHMENT C PROVIDED  
UNDER SEPARATE COVER

**CONFIDENTIAL  
ATTACHMENT D**

**CIVIL CONSTRUCTION COSTS  
FOR FEEDER 14900**

CONFIDENTIAL ATTACHMENT D PROVIDED  
UNDER SEPARATE COVER

**ATTACHMENT E**

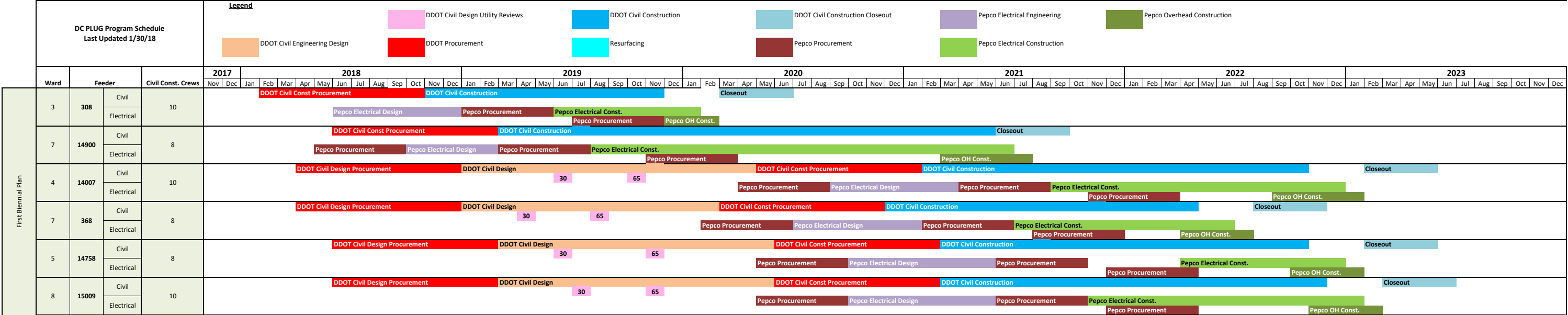
**ESTIMATED**

**REVENUE REQUIREMENT**

Potomac Electric Power Company - District of Columbia						
Distribution System Undergrounding Projects		(ESTIMATED)	(ESTIMATED)	(ESTIMATED)	(ESTIMATED)	(ESTIMATED)
First Biennial Plan	2018	2019	2020	2021	2022	2023
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Rate Base:						
Gross Plant	\$ -	\$ 5,075,020	\$ 11,287,530	\$ 17,084,160	\$ 52,837,898	\$ 60,235,033
Accumulated Depreciation	\$ -	\$ 27,669	\$ 257,580	\$ 530,518	\$ 1,234,985	\$ 2,548,591
Deferred Tax Asset	\$ -	\$ (10,142)	\$ (33,424)	\$ (80,274)	\$ (195,458)	\$ (364,117)
Deferred Tax Liability	\$ -	\$ 42,821	\$ 141,120	\$ 338,926	\$ 825,241	\$ 1,537,338
Net Rate Base	\$ -	\$ 5,014,672	\$ 10,922,254	\$ 16,294,991	\$ 50,973,130	\$ 56,513,221
Operating Income:						
Operation & Maintenance	\$ 1,229,278	\$ 906,028	\$ 273,000	\$ 1,026,028.00	\$ 901,028.00	\$ 0
Amortization of deferred costs	\$ 2,761,432	\$ -	\$ -	\$ -	\$ -	\$ -
Depreciation	\$ -	\$ 27,669	\$ 229,911	\$ 272,938	\$ 704,467	\$ 1,313,606
Subtotal	\$ 3,990,710	\$ 933,697	\$ 502,911	\$ 1,298,966	\$ 1,605,495	\$ 1,313,606
SIT-Current	\$ (101,415)	\$ (95,498)	\$ (88,851)	\$ (197,310)	\$ (355,086)	\$ (444,970)
FIT-Current	\$ (236,851)	\$ (223,031)	\$ (207,508)	\$ (460,809)	\$ (829,286)	\$ (1,039,207)
Deferred Taxes	\$ (759,877)	\$ 42,821	\$ 98,299	\$ 197,806	\$ 486,315	\$ 712,097
Required Operating Income	\$ 2,892,566	\$ 657,989	\$ 304,851	\$ 838,652	\$ 907,438	\$ 541,526
Return Required	\$ -	\$ 187,047	\$ 594,447	\$ 1,015,203	\$ 2,509,101	\$ 4,009,241
Revenue Requirement	\$ 3,990,710	\$ 1,165,848	\$ 1,240,710	\$ 2,557,659	\$ 4,713,606	\$ 6,278,435

# **ATTACHMENT F**

## **PROJECTS PLAN OUTLINE**



# **ATTACHMENT G**

## **DETAILED SCHEDULES**

[illegible]



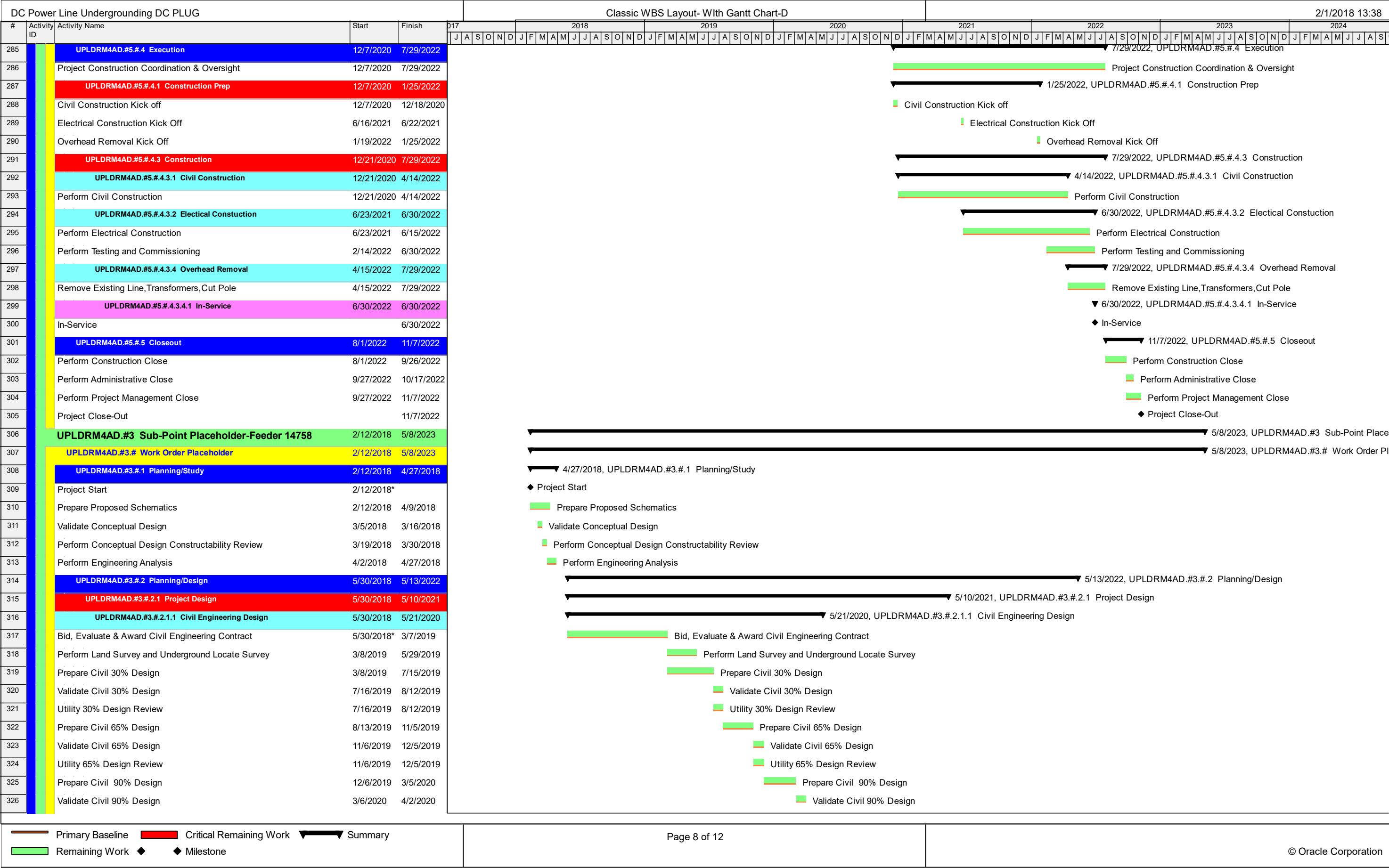


[illegible]

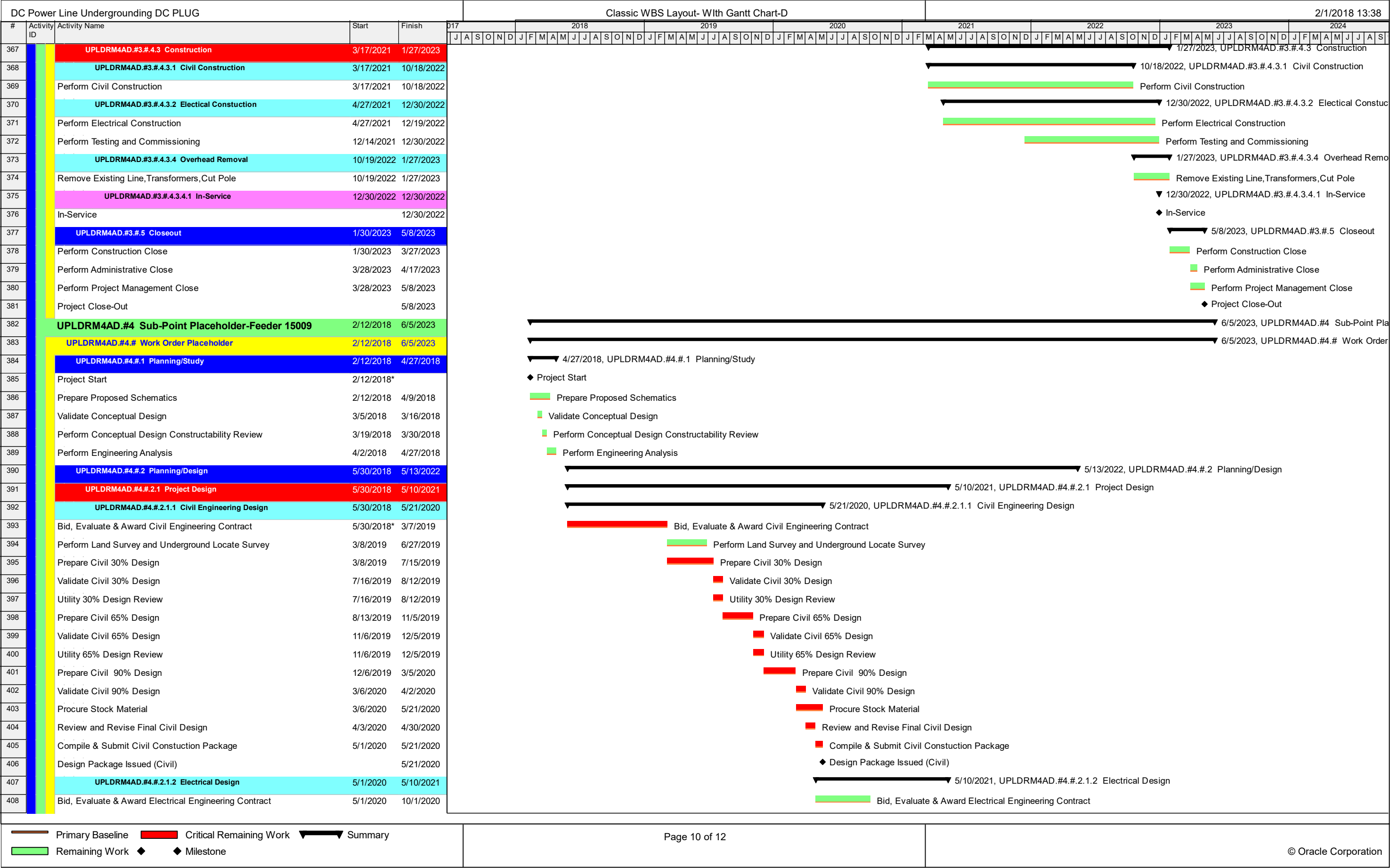
[illegible]

DC Power Line Undergrounding DC PLUG					Classic WBS Layout- With Gantt Chart-D												2/1/2018 13:38																																																					
#	Activity ID	Activity Name	Start	Finish																																																																		
					2017				2018				2019				2020				2021				2022				2023				2024																																					
					J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
204		Provide Project Management and Pepco's Acceptance of Work Plan to DC PSC		4/14/2020	◆ Provide Project Management and Pepco's Acceptance of Work Plan to DC PSC																																																																	
205		Informal Review Meeting of Civil Design and Construction Drawings with DC PSC and OPC Complete		4/24/2020	◆ Informal Review Meeting of Civil Design and Construction Drawings with DC PSC and OPC Complete																																																																	
206		Provide Final Design and Construction Drawings of Electrical Facilities to DC PSC and OPC		2/10/2021	◆ Provide Final Design and Construction Drawings of Electrical Facilities to DC PSC and OPC																																																																	
207		Provide Electrical Bill of Materials to DC PSC		2/10/2021	◆ Provide Electrical Bill of Materials to DC PSC																																																																	
208		Informal Review Meeting of Electrical Design and Construction Drawings with DC PSC and OPC Complete		3/11/2021	◆ Informal Review Meeting of Electrical Design and Construction Drawings with DC PSC and OPC Complete																																																																	
209		UPLDRM4AD.#1.#.4 Execution	1/22/2021	1/23/2023	1/23/2023, UPLDRM4AD.#1.#.4 Execution																																																																	
210		Project Construction Coordination & Oversight	1/22/2021	1/23/2023	Project Construction Coordination & Oversight																																																																	
211		UPLDRM4AD.#1.#.4.1 Construction Prep	1/22/2021	4/13/2022	4/13/2022, UPLDRM4AD.#1.#.4.1 Construction Prep																																																																	
212		Civil Construction Kick Off	1/22/2021	2/4/2021	Civil Construction Kick Off																																																																	
213		Electrical Construction Kick Off	9/2/2021	9/9/2021	Electrical Construction Kick Off																																																																	
214		Overhead Removal Kick Off	4/7/2022	4/13/2022	Overhead Removal Kick Off																																																																	
215		UPLDRM4AD.#1.#.4.3 Construction	2/5/2021	1/23/2023	1/23/2023, UPLDRM4AD.#1.#.4.3 Construction																																																																	
216		UPLDRM4AD.#1.#.4.3.1 Civil Construction	2/5/2021	10/5/2022	10/5/2022, UPLDRM4AD.#1.#.4.3.1 Civil Construction																																																																	
217		Perform Civil Construction	2/5/2021	10/5/2022	Perform Civil Construction																																																																	
218		UPLDRM4AD.#1.#.4.3.2 Electical Constuction	9/10/2021	12/20/2022	12/20/2022, UPLDRM4AD.#1.#.4.3.2 Electical Constuction																																																																	
219		Perform Electrical Construction	9/10/2021	12/7/2022	Perform Electrical Construction																																																																	
220		Perform Testing and Commissioning	5/3/2022	12/20/2022	Perform Testing and Commissioning																																																																	
221		UPLDRM4AD.#1.#.4.3.4 Overhead Removal	8/31/2022	1/23/2023	1/23/2023, UPLDRM4AD.#1.#.4.3.4 Overhead Removal																																																																	
222		Remove Existing Line,Transformers,Cut Pole	8/31/2022	1/23/2023	Remove Existing Line,Transformers,Cut Pole																																																																	
223		UPLDRM4AD.#1.#.4.3.4.1 In-Service	12/20/2022	12/20/2022	12/20/2022, UPLDRM4AD.#1.#.4.3.4.1 In-Service																																																																	
224		In-Service- Entire Feeder Completed		12/20/2022	◆ In-Service- Entire Feeder Completed																																																																	
225		UPLDRM4AD.#1.#.5 Closeout	1/24/2023	5/2/2023	5/2/2023, UPLDRM4AD.#1.#.5 Closeout																																																																	
226		Perform Construction Close	1/24/2023	3/21/2023	Perform Construction Close																																																																	
227		Perform Administrative Close	3/22/2023	4/11/2023	Perform Administrative Close																																																																	
228		Perform Project Management Close	3/22/2023	5/2/2023	Perform Project Management Close																																																																	
229		Project Close-Out		5/2/2023	◆ Project Close-Out																																																																	
230		UPLDRM4AD.#5 Sub-Point Placeholder-Feeder 368	1/2/2018	11/7/2022	11/7/2022, UPLDRM4AD.#5 Sub-Point Placeholder-Feeder 368																																																																	
231		UPLDRM4AD.#5.# Work Order Placeholder	1/2/2018	11/7/2022	11/7/2022, UPLDRM4AD.#5.# Work Order Placeholder																																																																	
232		UPLDRM4AD.#5.#.1 Planning/Study	1/2/2018	3/20/2018	3/20/2018, UPLDRM4AD.#5.#.1 Planning/Study																																																																	
233		Project Start	1/2/2018*		◆ Project Start																																																																	
234		Prepare Proposed Schematics	1/2/2018	2/28/2018	Prepare Proposed Schematics																																																																	
235		Validate Conceptual Design	1/23/2018	2/5/2018	Validate Conceptual Design																																																																	
236		Perform Conceptual Design Constructability Review	2/6/2018	2/20/2018	Perform Conceptual Design Constructability Review																																																																	
237		Perform Engineering Analysis	2/21/2018	3/20/2018	Perform Engineering Analysis																																																																	
238		UPLDRM4AD.#5.#.2 Planning/Design	4/20/2018	1/18/2022	1/18/2022, UPLDRM4AD.#5.#.2 Planning/Design																																																																	
239		UPLDRM4AD.#5.#.2.1 Project Design	4/20/2018	1/12/2021	1/12/2021, UPLDRM4AD.#5.#.2.1 Project Design																																																																	
240		UPLDRM4AD.#5.#.2.1.1 Civil Engineering Design	4/20/2018	3/3/2020	3/3/2020, UPLDRM4AD.#5.#.2.1.1 Civil Engineering Design																																																																	
241		Bid, Evaluate & Award Civil Engineering Contract	4/20/2018*	1/28/2019	Bid, Evaluate & Award Civil Engineering Contract																																																																	
242		Perform Land Survey and Underground Locate Survey	1/29/2019	4/8/2019	Perform Land Survey and Underground Locate Survey																																																																	
243		Prepare Civil 30% Design	1/29/2019	4/23/2019	Prepare Civil 30% Design																																																																	
244		Validate Civil 30% Design	4/24/2019	5/21/2019	Validate Civil 30% Design																																																																	
<div><div></div> Primary Baseline</div> <div><div></div> Remaining Work</div> <div><div></div> Critical Remaining Work</div> <div><div></div> Milestone</div> <div><div></div> Summary</div>					Page 6 of 12												© Oracle Corporation																																																					

DC Power Line Undergrounding DC PLUG					Classic WBS Layout- With Gantt Chart-D																																												2/1/2018 13:38																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
#	Activity ID	Activity Name	Start	Finish	2017											2018											2019											2020											2021											2022											2023											2024																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S







DC Power Line Undergrounding DC PLUG

#	Activity ID	Activity Name	Start	Finish
409		Perform Existing Overhead Survey	10/2/2020	12/7/2020
410		Prepare 60% Existing Electrical and Overhead Removal Design	10/2/2020	1/22/2021
411		Perform GIS/ GWD QA/QC Analysis	1/25/2021	3/8/2021
412		Validate 60% Design	1/25/2021	2/5/2021
413		Prepare 100% Design Existing Electrical and Overhead Removal Design	2/8/2021	3/22/2021
414		Procure Stock Material	2/8/2021	3/22/2021
415		Review and Revise Final Electrical Design and Overhead Removal Design	3/23/2021	5/3/2021
416		Compile & Submit Electrical Constuction Package	5/4/2021	5/10/2021
417		UPLDRM4AD.#4.#.2.2 Permitting & Licensing	5/1/2020	5/3/2021
418		UPLDRM4AD.#4.#.2.2.2 Environmental Permits	5/1/2020	5/29/2020
419		Prepare & Submit State Permit Applications	5/1/2020	5/29/2020
420		UPLDRM4AD.#4.#.2.2.4 Local Approvals	5/1/2020	5/3/2021
421		Obtain DDOT (District Department of Transportation) Permits-Civil	5/1/2020	7/27/2020
422		Obtain Outage Permit(s)	2/8/2021	5/3/2021
423		Obtain DDOT (District Department of Transportation) Permits-Electrical	2/8/2021	5/3/2021
424		UPLDRM4AD.#4.#.2.3 Procure	5/22/2020	5/13/2022
425		UPLDRM4AD.#4.#.2.3.2 Design and Construction Contractors	5/22/2020	5/13/2022
426		Bid, Evaluate & Award Civil Construction Contract and Inspection Contracts	5/22/2020	3/2/2021
427		Bid, Evaluate & Award Electrical Construction and Inspection Contract	5/11/2021	10/11/2021
428		Bid, Evaluate & Award Overhead Removal Contract	12/9/2021	5/13/2022
429		UPLDRM4AD.#4.#.2.4 Regulatory Review	4/30/2020	4/19/2021
430		Provide Final Design and Const. Drawings for Utility Civil Facilities and Traffic Control Plan (MOT) to DC PSC and OPC		4/30/2020
431		Provide Civil Bill of Materials to DC PSC		5/21/2020
432		Provide Project Management and Pepco's Acceptance of Work Plan to DC PSC		5/21/2020
433		Informal Review Meeting of Civil Design and Construction Drawings with DC PSC and OPC Complete		6/3/2020
434		Provide Final Design and Construction Drawings of Electrical Facilities to DC PSC and OPC		3/22/2021
435		Provide Electrical Bill of Materials to DC PSC		3/22/2021
436		Informal Review Meeting of Electrical Design and Construction Drawings with DC PSC and OPC Complete		4/19/2021
437		UPLDRM4AD.#4.#.4 Execution	3/3/2021	2/24/2023
438		Project Construction Coordination & Oversight	3/3/2021	2/24/2023
439		UPLDRM4AD.#4.#.4.1 Construction Prep	3/3/2021	11/16/2022
440		Civil Construction Kick off	3/3/2021	3/16/2021
441		Electrical Construction Kick Off	10/12/2021	10/18/2021
442		Overhead Removal Kick Off	11/10/2022	11/16/2022
443		UPLDRM4AD.#4.#.4.3 Construction	3/17/2021	2/24/2023
444		UPLDRM4AD.#4.#.4.3.1 Civil Construction	3/17/2021	11/17/2022
445		Perform Civil Construction	3/17/2021	11/17/2022
446		UPLDRM4AD.#4.#.4.3.2 Electical Constuction	10/19/2021	1/31/2023
447		Perform Electrical Construction	10/19/2021	1/19/2023
448		Perform Testing and Commissioning	6/10/2022	1/31/2023

Classic WBS Layout- With Gantt Chart-D

2017

2018

2019

2020

2021

2022

2023

2024

Perform Existing Overhead Survey

Prepare 60% Existing Electrical and Overhead Removal Design

Perform GIS/ GWD QA/QC Analysis

Validate 60% Design

Prepare 100% Design Existing Electrical and Overhead Removal Design

Procure Stock Material

Review and Revise Final Electrical Design and Overhead Removal Design

Compile & Submit Electrical Constuction Package

5/3/2021, UPLDRM4AD.#4.#.2.2 Permitting & Licensing

5/29/2020, UPLDRM4AD.#4.#.2.2.2 Environmental Permits

Prepare & Submit State Permit Applications

5/3/2021, UPLDRM4AD.#4.#.2.2.4 Local Approvals

Obtain DDOT (District Department of Transportation) Permits-Civil

Obtain Outage Permit(s)

Obtain DDOT (District Department of Transportation) Permits-Electrical

5/13/2022, UPLDRM4AD.#4.#.2.3 Procure

5/13/2022, UPLDRM4AD.#4.#.2.3.2 Design and Construction Contractors

Bid, Evaluate & Award Civil Construction Contract and Inspection Contracts

Bid, Evaluate & Award Electrical Construction and Inspection Contract

Bid, Evaluate & Award Overhead Removal Contract

4/19/2021, UPLDRM4AD.#4.#.2.4 Regulatory Review

Provide Final Design and Const. Drawings for Utility Civil Facilities and Traffic Control Plan (MOT) to DC PSC and OPC

Provide Civil Bill of Materials to DC PSC

Provide Project Management and Pepco's Acceptance of Work Plan to DC PSC

Informal Review Meeting of Civil Design and Construction Drawings with DC PSC and OPC Complete

Provide Final Design and Construction Drawings of Electrical Facilities to DC PSC and OPC

Provide Electrical Bill of Materials to DC PSC

Informal Review Meeting of Electrical Design and Construction Drawings with DC PSC and OPC Complete

2/24/2023, UPLDRM4AD.#4.#.4 Execution

Project Construction Coordination & Oversight

11/16/2022, UPLDRM4AD.#4.#.4.1 Construction Prep

Civil Construction Kick off

Electrical Construction Kick Off

Overhead Removal Kick Off

2/24/2023, UPLDRM4AD.#4.#.4.3 Construction

11/17/2022, UPLDRM4AD.#4.#.4.3.1 Civil Construction

Perform Civil Construction

1/31/2023, UPLDRM4AD.#4.#.4.3.2 Electical Constuction

Perform Electrical Construction

Perform Testing and Commissioning

Primary Baseline

Critical Remaining Work

Summary

Remaining Work


Milestone

Page 11 of 12

© Oracle Corporation



Respectfully submitted,

POTOMAC ELECTRIC POWER COMPANY	DISTRICT DEPARTMENT OF TRANSPORTATION
By: 	By: Karl A. Racine
Andrea H. Harper	Attorney General for the District of Columbia
Assistant General Counsel	
	/s/ _____
	Robyn Bender, D.C. Bar No. 465117
Wendy E. Stark, D.C. Bar No. 1011577	Deputy Attorney General
Kim F. Hassan, D.C. Bar No. 489367	Public Advocacy Division
Andrea H. Harper, D.C. Bar No. 483246	Catherine A. Jackson, D.C. Bar No. 1005415
Dennis P. Jamouneau, D.C. Bar No. 983375	Chief, Public Integrity Section
701 Ninth Street, N.W.	
9th Floor	/s/ _____
Washington, D.C. 20068	Brian Caldwell, D.C. Bar No. 979680
	Assistant Attorney General
Counsel For Potomac Electric Power Company	/s/ _____
	Cheri Hance Staples, D.C. Bar No. 1044838
	Assistant General Counsel Office of the General Counsel District Department of Transportation 55 M Street, S.E. Suite 700 Washington, D.C. 20003 (202) 671-3237 (office) (202) 497-7173 (cell) Cheri.Staples@dc.gov
	<i>Attorneys for the District Department of Transportation</i>

Washington, D.C.  
February 7, 2018

## CERTIFICATE OF SERVICE

I hereby certify that a copy of the public portions of the District Department of Transportation and Potomac Electric Power Company's Ninety-Day Compliance Filing was sent to the recipients listed below on February 7, 2018 by electronic mail, first-class, postage prepaid, or hand delivery.

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 People's Counsel  
1133 15<sup>th</sup> Street, N.W.  
Suite 500  
Washington, DC 20005  
smfrye@opc-dc.gov

Christopher Lipscombe  
Public Service Commission of DC  
1325 G Street NW, Suite 800  
Washington, DC 20005  
clipscombe@psc.dc.gov

Brian R. Caldwell  
The District of Columbia Government  
441 4<sup>th</sup> Street NW  
Suite 600-S  
Washington, DC 20001  
brian.caldwell@dc.gov

Cheri Hance Staples  
Assistant Attorney General  
Office of General Counsel  
District Department of Transportation  
55 M Street, SE Suite 700  
Washington, DC 20003  
Cheri.staples@dc.gov

Frann G. Francis, Esq  
Senior Vice President and General  
Counsel  
Apartment and Office Building  
Association of Metropolitan  
Washington  
1025 Connecticut Ave N.W. Suite 1005  
Washington, DC 20036  
ffrancis@aoba-metro.org

Cathy Thurston-Seignious  
Washington Gas Light Company  
101 Constitution Ave. N.W. Suite 300  
cthurston-seignious@washgas.com

Richard Butterworth  
U.S General Services Administration  
1800 F Street N.W.  
Washington, D.C. 20405  
Richard.butterworth@gsa.gov

  
Andrea H. Harper