

Morgan Lewis

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April 14, 2025

VIA ELECTRONIC FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
Harrisburg, PA 17120

**Re: Letter of Notification of PECO Energy Company Filed Pursuant to 52 Pa. Code § 57.71 *et seq.* for Approval of the Siting and Construction of the 220-09 Line Tap Project Located in East Whiteland Township, Chester County, Pennsylvania
Docket No. A-2025-_____**

Dear Secretary Chiavetta:

Enclosed for filing on behalf of PECO Energy Company is a Letter of Notification filed pursuant to 52 Pa. Code Chapter 57, Subchapter G, for approval to construct a new high voltage distribution tap from an existing transmission line and related structures to serve a new customer from PECO's existing Planebrook Substation in East Whiteland Township, Chester County, Pennsylvania. This Letter of Notification is filed pursuant to the Pennsylvania Public Utility Commission's regulations at 52 Pa. Code § 57.72(d)(1).

PECO respectfully requests Commission review and approval of the Letter of Notification on or before the October 1, 2025 Public Meeting in order to allow construction to commence in November 2025.

Copies of the Letter of Notification and accompanying attachments are being served upon the persons as required by 52 Pa. Code § 57.74 and indicated on the enclosed Certificate of Service.

Morgan, Lewis & Bockius LLP

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Philadelphia, PA 19103
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Rosemary Chiavetta
April 14, 2025
Page 2

If you have any questions pertaining to this matter, please contact me directly at 215.963.5384.

Respectfully submitted,



Kenneth M. Kulak
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Philadelphia, PA 19103-2921
(215) 963-5384
ken.kulak@morganlewis.com

Counsel for PECO Energy Company

Enclosure

cc: Certificate of Service

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**Letter of Notification of PECO Energy :
Company Filed Pursuant to 52 Pa. Code §§ :
57.71 et seq. for Approval of the Siting and : Docket No. A-2025-_____
Construction of the 220-09 Line Tap Project :
Located in East Whiteland Township, :
Chester County, Pennsylvania :
:**

**LETTER OF NOTIFICATION OF
PECO ENERGY COMPANY**

TO THE PENNSYLVANIA PUBLIC UTILITY COMMISSION:

PECO Energy Company (“PECO” or the “Company”) hereby files this Letter of Notification, pursuant to 52 Pa. Code §§ 57.72(d), requesting Commission approval to construct a new high voltage distribution tap from an existing transmission line and related structures (the “Project”) to serve a new customer from PECO’s existing Planebrook Substation in East Whiteland Township, Chester County, Pennsylvania. The new customer is proposing to construct a data center (the “Green Fig Data Center”) in PECO’s service territory. PECO respectfully requests Commission review and approval of the Letter of Notification on or before the October 1, 2025 Public Meeting in order to allow construction to commence in November 2025.

In support of the approval requested herein, PECO states as follows:

I. INTRODUCTION AND OVERVIEW

1. This Letter of Notification is filed by PECO, a “public utility,” as defined in 66 Pa.C.S. § 102, that provides electric distribution, transmission, and default service in Pennsylvania subject to the regulatory jurisdiction of the Commission.

2. PECO’s address is as follows:

PECO Energy Company
2301 Market Street
Philadelphia, PA 19103

3. The names and addresses of PECO's attorneys in this matter who are authorized to receive notices and communications on their clients' behalf are:

Anthony E. Gay
PECO Energy Company
Vice President & General Counsel
2301 Market Street
Philadelphia, PA 19103
(267) 533-1964
anthony.gay@exeloncorp.com

Kenneth M. Kulak
Morgan, Lewis & Bockius LLP
2222 Market Street
Philadelphia, PA 19103-2921
(215) 963-5384
ken.kulak@morganlewis.com

4. PECO furnishes electric service to approximately 1.7 million electric customers and also serves over 553,000 natural gas customers throughout its certificated service territory, which encompasses approximately 2,100 square miles in Pennsylvania. PECO owns approximately 1,050 miles of transmission lines, approximately 13,000 miles of aerial distribution facilities, and approximately 9,000 miles of underground distribution facilities. In addition, PECO owns approximately 13,800 miles of natural gas mains and services.

5. The Project facilities to be constructed are necessary for PECO to provide power to the Green Fig Data Center in PECO's service territory near PECO's existing Planebrook Substation and include substation updates to benefit the transmission system.

6. The total estimated cost to design and construct the Project is approximately \$4.8 million. \$800,000 of that cost is attributed to materials (new conductor/hardware, optical ground wire, structures, foundations, substation equipment). The remaining costs are attributable to direct

labor – primary engineering and design, clearance reviews, and electrical/civil construction – and allocated to PECO overhead and management costs. PECO will own, finance and build the proposed Project, with any Project distribution costs charged to the new customer consistent with PECO’s Electric Service Tariff.

7. The Project has a scheduled construction commencement date of November 10, 2025. The Project requires two transmission outages, currently scheduled from December 8 to 12, 2025, and March 2 to 27, 2026. The proposed in-service date of the Project is March 31, 2026.

8. Accompanying this Letter of Notification are the following Attachments that provide additional detailed information regarding the Project:

- Attachment 1 – Plan & Profile Drawings
- Attachment 2 – Letter of Notification Filing Checklist

9. This Letter of Notification, including the accompanying Attachments, which are incorporated herein by reference, contains all of the information required by 52 Pa. Code § 57.72(d)(4).

II. THE PROJECT

A. Need for the Project

10. A new customer is currently planning to construct the Green Fig Data Center on property directly adjacent to the Planebrook Substation within PECO’s service territory and has requested service from PECO. The proposed Project is necessary to allow PECO to provide up to approximately 150 MW service from PECO’s existing Planebrook Substation to the Green Fig Data Center.

11. This Letter of Notification is for a new 230 kV high voltage distribution line tapping into PECO’s existing 220-09 Line near the Planebrook Substation to the proposed location of the Green Fig Data Center. PECO understands that the customer expects the data center’s demand to

increase in the future. The current Project includes a 230 kV high voltage line tap to serve the customer's new 150 MW load. If the projected demand for the Green Fig Data Center continues, PECO intends to seek separate approval for future upgrades.

B. Description of the Proposed Project

12. The Project involves constructing a new 230 kV line of approximately 420 feet tapping into PECO's existing 220-09 Line near Planebrook Substation to serve the Green Fig Data Center. Approximately half of the proposed line tap will be located within existing property owned by PECO with the final approximately 220 feet located on the property of the new customer. The proposed line tap will be supported by three new steel monopole structures and ACSR (aluminum conductor, steel reinforced) conductors located within existing property owned by PECO and use an advanced conductor ACSS/TW (aluminum conductor, steel supported) from the final proposed PECO structure to Green Fig's takeoff structure.

13. The Project does not include the removal of existing structures. The Project involves constructing a high voltage line tap that may require additional upgrades in the future if the customer's data center demand increases. For the current Project, PECO anticipates that the service life of that high voltage line structure and related appurtenances to be over 60 years for the three monopoles being erected as part of this Project.

14. There is currently no pending litigation regarding the right-of-way or environmental matters related to the Project.

III. HEALTH AND SAFETY

15. The proposed Project will not create any unreasonable risk of danger to public health or safety, and will be designed, constructed, operated, and maintained in a manner that meets or surpasses all applicable National Electrical Safety Code ("NESC") minimum standards and all applicable legal requirements. The design, construction and operation of the Project will meet or

exceed the requirements specified in the latest revisions of the NESC and all applicable safety standards established by the Occupational Safety and Health Administration (“OSHA”). All work shall be done in accordance with NESC, OSHA and any applicable local, state, or federal requirements.

16. PECO will construct the Project for ground clearances that meet or exceed requirements of its Engineering Practice EPP-2090 OHT Design Clearances. The clearance requirement in EPP-2090 exceeds the requirements of NESC 2023. With respect to vertical clearances, PECO designs its facilities to meet the NESC rules, plus three additional feet of vertical clearance. Similarly, PECO adds two additional feet of horizontal clearance beyond the NESC horizontal clearance rules.

IV. DESCRIPTION OF THE PROJECT AREA

17. As explained above, the Project will be located in the vicinity of the existing Planebrook Substation, within East Whiteland Township, Chester County, Pennsylvania. Most construction for the Project will take place on PECO’s property for which PECO has existing land rights. PECO will only require a small additional portion of land, approximately 220 feet of right-of-way, which will be obtained from the new customer. *See* Attachment 1 for a map of the proposed Project. PECO anticipates that the Project will have minimal incremental impact on land use in the Project area.

18. Vegetative cover in the project area has been influenced by residential and industrial development and consists of shrubs, vines, and small trees that have regenerated after past land disturbance. The new right-of-way on the customer’s property will be cleared of vegetation as part of construction activities. Once in service, PECO will manage the right-of-way to maintain low growing plant types using the standard vegetation management practices.

19. The closest airport to the Project area is the Brandywine Regional Airport, which is located approximately 3.3 miles from the existing Planebrook Substation. PECO does not anticipate any interference with airport operations because of the distance from the Project area. PECO will file any required documentation with the Federal Aviation Administration and the Pennsylvania Department of Transportation, Bureau of Aviation. PECO will comply with any additional lighting and other visual aids that may be required by these agencies to ensure aviation safety in the region.

20. The Project will not traverse or affect any unique geological or scenic areas.

21. The Project will not affect any state lands, national parks, state parks, local parks, recreational areas, or natural landmarks.

22. The Project will not cross or impact any streams or wetlands and there are no proposed direct or indirect impacts to the environment. The Project is not expected to require a Pennsylvania Department of Environmental Protection permit, and thus a Pennsylvania Natural Diversity Inventory (“PNDI”) is not expected to be required. The Project will disturb less than one (1) acre of soil. The Project lines of disturbance (“LOD”) do not impact any mapped streams or wetlands in the National Wetland Inventory. The nearest stream, Valley Creek, is located approximately 700 feet southwest of the Project LOD.

23. The Project is not expected to have any impacts on communications towers, pipelines, or other utilities.

24. No 100-year floodplains are located within the Project area.

V. NOTICE

25. Copies of this Letter of Notification will be served on the governmental agencies, municipalities, and other public entities in accordance with 52 Pa. Code § 57.72(d)(3).

26. PECO will provide such additional forms of notice as may be directed by the Commission.

VI. LETTER OF NOTIFICATION

27. PECO is proceeding by means of a Letter of Notification, instead of a full Application, pursuant to the Commission's regulations at 52 Pa. Code §§ 57.72(d)(1)(vi).

28. The proposed Project qualifies for use of a Letter of Notification because the new high voltage line will be less than two miles.

29. This Letter of Notification is filed on the date set forth below. As provided in 52 Pa. Code § 57.72(d)(5), the Commission will review and, by order, approve or disapprove this Letter of Notification. If the Commission approves this Letter of Notification the proposed Project will be constructed as proposed herein without the formal application process set forth at 52 Pa. Code §§ 57.71 *et seq.*

VII. CONCLUSION

WHEREFORE, PECO respectfully requests the Commission grant approval to construct a new high voltage line tap and related structures related to the Project within East Whiteland Township, Chester County, Pennsylvania to serve a new customer from PECO's existing Planebrook Substation.

Respectfully submitted,



Kenneth M. Kulak

Morgan, Lewis & Bockius LLP
2222 Market Street
Philadelphia, PA 19103-2921
(215) 963-5384
ken.kulak@morganlewis.com

Dated: April 14, 2025

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**Letter of Notification of PECO Energy :
Company Filed Pursuant to 52 Pa. Code § :
57.71 *et seq.* for Approval of the Siting and : Docket No. A-2025-_____**
**Construction of the 220-09 Line Tap Project :
Located in East Whiteland Township, :
Chester County, Pennsylvania :
:**

CERTIFICATE OF SERVICE

I hereby certify that on this date, the parties listed below that are entitled to receive a copy of the above-captioned Letter of Notification pursuant to 52 Pa. Code § 57.74 were served by certified mail, return receipt requested, a copy of the above-captioned Letter of Notification.

Darryl A. Lawrence, Esq.
Office of Consumer Advocate
555 Walnut Street
Forum Place – 5th Floor
Harrisburg, PA 17101-1921

Allison C. Kaster
Bureau of Investigation and Enforcement
PA Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor West
Harrisburg, PA 17120

NazAarah Sabree, Esq.
Office of Small Business Advocate
Suite 1102, Commerce Building
300 North Second Street
Harrisburg, PA 17101

Chester County Commissioners
313 West Market Street
West Chester, PA 19380
Attn: Josh Maxwell, Chair

Montgomery County Planning Commission
601 Westtown Road, Suite 270
P.O. Box 2747
West Chester, PA 19380-0990
Attn: Matthew Edmon, Executive Director

Colleen Frens, Esq.
Chester County Solicitor
313 W Market Street, Suite 6702
West Chester, PA 19380-0991

East Whiteland Township
209 Conestoga Road
Frazer, PA 19355
Attn: Scott Lambert, Chair

Bernadette A. Kearney, Esq.
East Whiteland Township Solicitor
Hamburg, Rubin, Mullin, Maxwell & Lupin
123 S. Broad Street
Suite 2102
Philadelphia, PA 19109

PA Department of Environmental Protection
Market Street State Office Building
P.O. Box 2063
Harrisburg, PA 17105-2063
Attn: Office of Field Operations

The Department of Environmental Resources
101 S. Second Street
Post Office Box 2357
Harrisburg, Pennsylvania 17120
Attn: Bureau of Environmental Planning

PA Department of Transportation
Commonwealth Keystone Building
400 North Street, 5th Floor
Harrisburg, PA 17120
Attn: Jeffery Spotts, Chief Counsel

PA Historical & Museum Commission
Bureau for Historic Preservation
Commonwealth Keystone Building, 2nd Fl.
400 North Street
Harrisburg, PA 17120-0053
Attn: Douglass C. McLearn, Chief

PA Department of Conservation & Natural
Resources
Rachel Carson State Office Building
400 Market St.
Harrisburg, PA 17105-8767
Attn: Rebecca Bowen, Ecological Services
Section Chief

U.S. Fish and Wildlife Service
Pennsylvania Field Office
110 Radnor Rd, Suite 101
State College, PA 16801-4850
Attn: Lesa Lindsay, Administrative Officer

PA Fish and Boat Commission
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823-9620
Attn: Christopher A. Urban, Chief

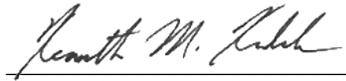
PA Game Commission
2001 Elmerton Avenue
Harrisburg, PA 17110-9797
Attn: Dr. Matthew Schnupp, Director

U.S. Army Corps of Engineers
Baltimore District Corporate Communication
Office
2 Hopkins Plaza
Baltimore, Maryland 21201
Attn: Planning Division

Federal Aviation Administration
Eastern Obstruction Evaluation
10101 Hillwood Parkway
Fort Worth, TX 76177
Attn: Dave Maddox

Montgomery Country Conservation District
674 Unionville Road, Suite 105
Kennett Square, PA 19348
Attn: Christian Strohmaier, District Manager

Dated: April 14, 2025



Kenneth M. Kulak
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ATTACHMENT 1

220-09 LINE GREEN FIG 150MW TAP

GENERAL NOTES:

- ALL WORK DONE BY CONTRACTOR/INSTALLER PURSUANT TO THIS DRAWING SHALL:
 - (A) CONFORM TO THE GOVERNING CONTRACT DOCUMENTS;
 - (B) BE PERFORMED EXCLUSIVELY BY ITS TRAINED, COMPETENT PERSONNEL OR, WHERE PERMITTED, THAT OF ITS SUBCONTRACTOR(S); AND
 - (C) COMPLY WITH ALL APPLICABLE SAFETY LAWS, REGULATIONS, PROGRAMS AND PRACTICES TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING THE CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF ITS SUBCONTRACTOR(S)) PERFORMING THE WORK.
- UNDERGROUND OR EMBEDDED UTILITIES [MAY] EXIST WITHIN THE AREA OF AND ADJACENT TO THE LIMITS OF THE WORK. THE LOCATION OR IDENTIFICATION OF SUCH UTILITIES HAS NOT BEEN VERIFIED BY OWNER OR BY S&L. CONTRACTOR/INSTALLER IS RESPONSIBLE FOR FIELD LOCATING AND IDENTIFYING UNDERGROUND OR EMBEDDED UTILITIES AND ANY OTHER UNDERGROUND OR EMBEDDED UTILITY DIMENSIONS.
- REFERENCES USED HAVE BEEN IDENTIFIED ON EXCAVATION/FOUNDATION/DEMOLITION DRAWINGS AND HAVE BEEN PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING EXISTING UTILITIES AND OTHER POTENTIAL UNDERGROUND OR EMBEDDED INTERFERENCES. THESE REFERENCES ONLY SHOW THE APPROXIMATE LOCATION OF POTENTIAL UNDERGROUND OR EMBEDDED UTILITIES AND MAY NOT INDICATE OR REFLECT ALL EXISTING UNDERGROUND OR EMBEDDED UTILITIES OR THEIR ACTUAL LOCATIONS.
- REFERENCES IDENTIFIED SHALL NOT SUBSTITUTE FOR THE CONTRACTOR'S/INSTALLER'S OBLIGATION TO FIELD LOCATE ANY UNDERGROUND OR EMBEDDED UTILITIES OR INTERFERENCES THAT MAY AFFECT THE WORK.
- DUE CAUTION SHALL BE TAKEN DURING ANY EXCAVATION/FOUNDATION/DEMOLITION WORK WITHIN THE AREA OF AND ADJACENT TO THE LIMITS OF THE WORK DUE TO POSSIBLE INTERFERENCES THAT MAY NOT BE REFLECTED ON THE REFERENCES IDENTIFIED.

DRAWING INDEX:

DRAWING NUMBER	SHEET	DESCRIPTION
C-275857	2	STRUCTURE LIST
C-275857	3	PLAN & PROFILE
C-275857	4	PHASING AND TAP CONNECTIONS
C-275858	1	STRUCTURE 0/1A GEOMETRY & LOADS
C-275858	2	STRUCTURE 0/1A CROSS SECTIONS
C-275858	3	STRUCTURE 0/1B GEOMETRY & LOADS
C-275858	4	STRUCTURE 0/1B CROSS SECTIONS
C-275858	5	STRUCTURE 0/2 GEOMETRY & LOADS
C-275858	6	STRUCTURE 0/2 CROSS SECTIONS
C-275858	7	STEEL DETAILS
C-275858	8	LADDER/WORKING CLIPS
C-275858	9	SLICE DETAILS
C-275858	10	FALL ARREST
C-275859	1	STRUCTURE 0/1A FRAMING
C-275859	2	STRUCTURE 0/1B FRAMING
C-275859	3	STRUCTURE 0/1B FRAMING CONT.
C-275859	4	STRUCTURE 0/2 FRAMING
C-275860	1	BONDING WIRE ASSEMBLY
C-275860	2	OPGW SPLICE ASSEMBLY
C-275860	3	DEADEND CONDUCTOR ASSEMBLIES
C-250860	4	DEADEND STATIC ASSEMBLIES
C-250860	5	POST INSULATOR ASSEMBLIES
C-250860	6	230KV TAP CONNECTIONS
C-250861	TBD	STRINGING CHARTS
C-275862	TBD	STAKING TABLE
C-275862	TBD	FOUNDATION DETAILS
C-275863	1	FIBER COVER SHEET
C-275863	2	FIBER NOTES
C-275863	3	FIBER COVER P&P
C-76497	1	EXISTING 220-09 P&P

0	01/28/2025	ISSUED FOR APPROVAL	WC	MH	MA
REV	DATE	DESCRIPTION	PREPARED	REVIEWED	APPROVED

ANY MODIFICATION OR ADDITION TO THIS DRAWING BY ANY ORGANIZATION OTHER THAN SARGENT & LUNDY IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY

Sargent & Lundy
500 DELAWARE AVE., WILMINGTON, DE. PROJ. No. 13710.178

TABLE OF ADDITIONS & CHANGES USE ONLY PRINTS SHOWING LATEST DATE		REV'D	CHK'D	APP'D
NO.	DATE	DESCRIPTION	S&L	S&L
01	01/28/2025	ISSUED FOR APPROVAL		
28	01/28/2025	EC* 303558 WP* 18156376 SARGENT & LUNDY ADDED THIS DRAWING ISSUED FOR APPROVAL		
25				

CIVIL	275857					
COVER SHEET GREEN FIG 150MW TAP PLANE BROOK TO GREEN FIG						
220-09 LINE PECO Energy Company						
SCALE	DESIGN	CADD	CHECKED	INSPECTED	APPROVED	DATE
NONE	S&L	S&L	S&L			01/28/25
APPROVED	APPROVED					
APPROVED	APPROVED					
APPROVED	APPROVED					
SHEET 1 OF 4		C-275857-A1				

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE HEIGHT (FT)	LINE ANGLE (DEG)	LOAD DRAWING NUMBER	STEEL DETAILS DRAWING NUMBER	FRAMING DRAWING NUMBER	VENDOR	FABRICATION DRAWING NUMBER
0/1A	230KV 2-PHASE DEADEND	55	0.00	275858 SH 1-2	275858 SH 7	275859 SH 1	*	*
0/1B	230KV ELEVATION CHANGE DEADEND	95	-10.41	275858 SH 3-4	275858 SH 7	275859 SH 2-3	*	*
0/2	230KV VERTICAL DEADEND	135	-112.68	275858 SH 5-6	275858 SH 7-10	275859 SH 4	*	*

SEE NOTE 1

HOLD - PENDING FINAL REVISION OF VENDOR DRAWINGS

NOTE:

1. STR 0/2 LINE ANGLE REPRESENTS FINAL ORIENTATION FOR CONNECTION TO PROPOSED BAY 9. STRUCTURE TO BE STAKED USING THIS ORIENTATION.

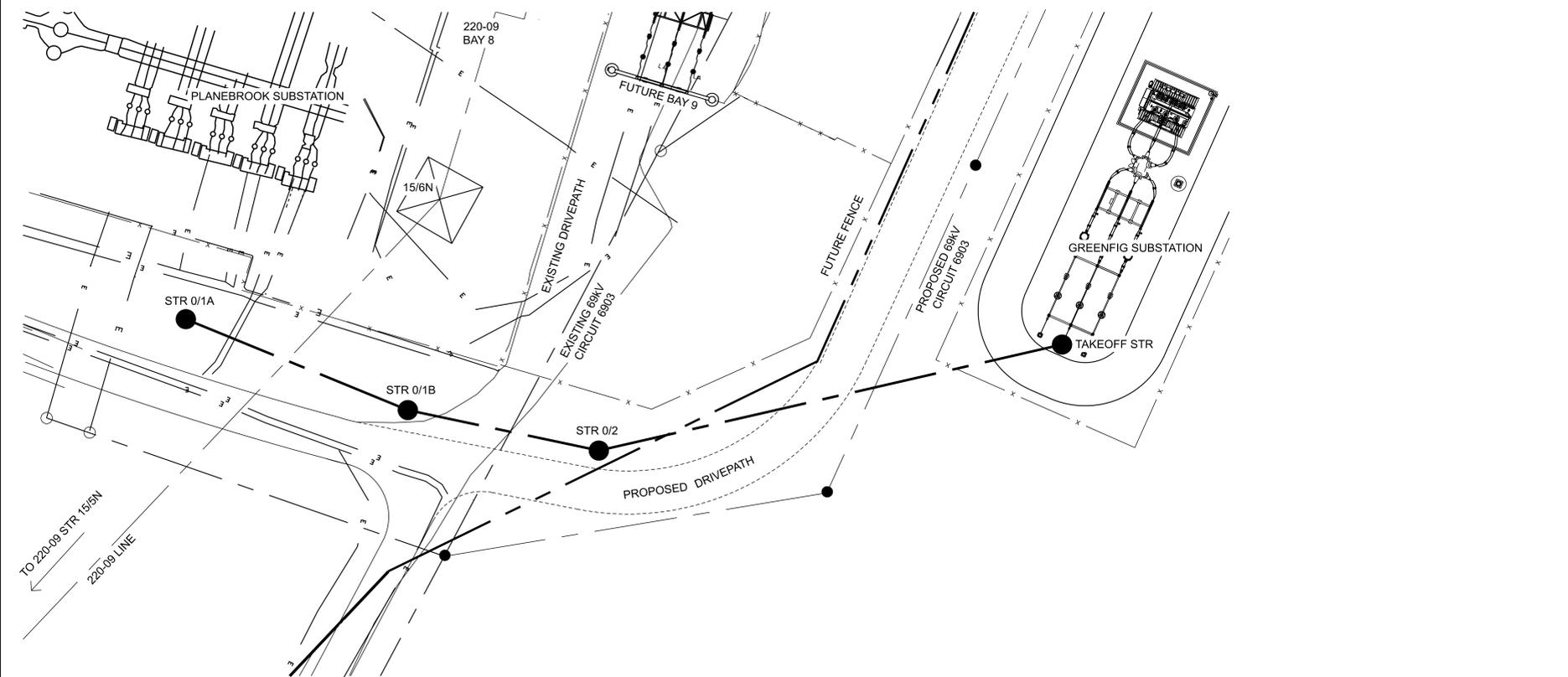
0	01/28/25	ISSUED FOR APPROVAL	WC	MH	MA
REV	DATE	DESCRIPTION	PREPARED	REVIEWED	APPROVED


 500 DELAWARE AVE., WILMINGTON, DE. PROJ. No. 13710.178

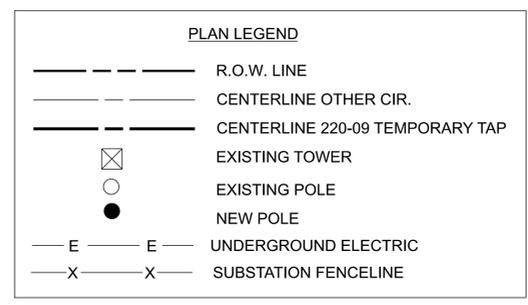
TABLE OF ADDITIONS & CHANGES
USE ONLY PRINTS SHOWING LATEST DATE

NO.	DATE	DESCRIPTION	REV'D	CHK'D	APP'D
A1	01/28/25	EC# 303558 WO# 18158376 SARGENT & LUNDY ADDED THIS DRAWING. ISSUED FOR APPROVAL	S&L	S&L	S&L

CIVIL	275857					
STRUCTURE LIST GREEN FIG 150MW TAP PLANE BROOK TO GREEN FIG						
220-09 LINE PECO Energy Company						
SCALE	DESIGN	CADD	CHECKED	INSPECTED	APPROVED	DATE
NONE	S&L	S&L	S&L			01/28/25
APPROVED	APPROVED		APPROVED		APPROVED	
APPROVED	APPROVED		APPROVED		APPROVED	
APPROVED	APPROVED		APPROVED		APPROVED	
SHEET 2 OF 4			C-275857-A1			



25.0 FT. HORIZ. SCALE
25.0 FT. VERT. SCALE



REFERENCE DRAWINGS:

DRAWING NUMBER	SHEET	DESCRIPTION
C-275857	1	COVER SHEET
C-275857	2	STRUCTURE LIST
C-275857	3	PLAN & PROFILE
C-275857	4	PHASING AND TAP CONNECTIONS
C-275858	1-10	POLE LOADING
C-275859	1-4	FRAMING DETAILS
C-275860	1-6	ASSEMBLY DETAILS
C-275861	TBD	STRINGING CHARTS
C-275862	TBD	FOUNDATION SCHEDULE
C-275863	1-2	FIBER CONNECTION
C-76497	1	220-09 PLAN AND PROFILE

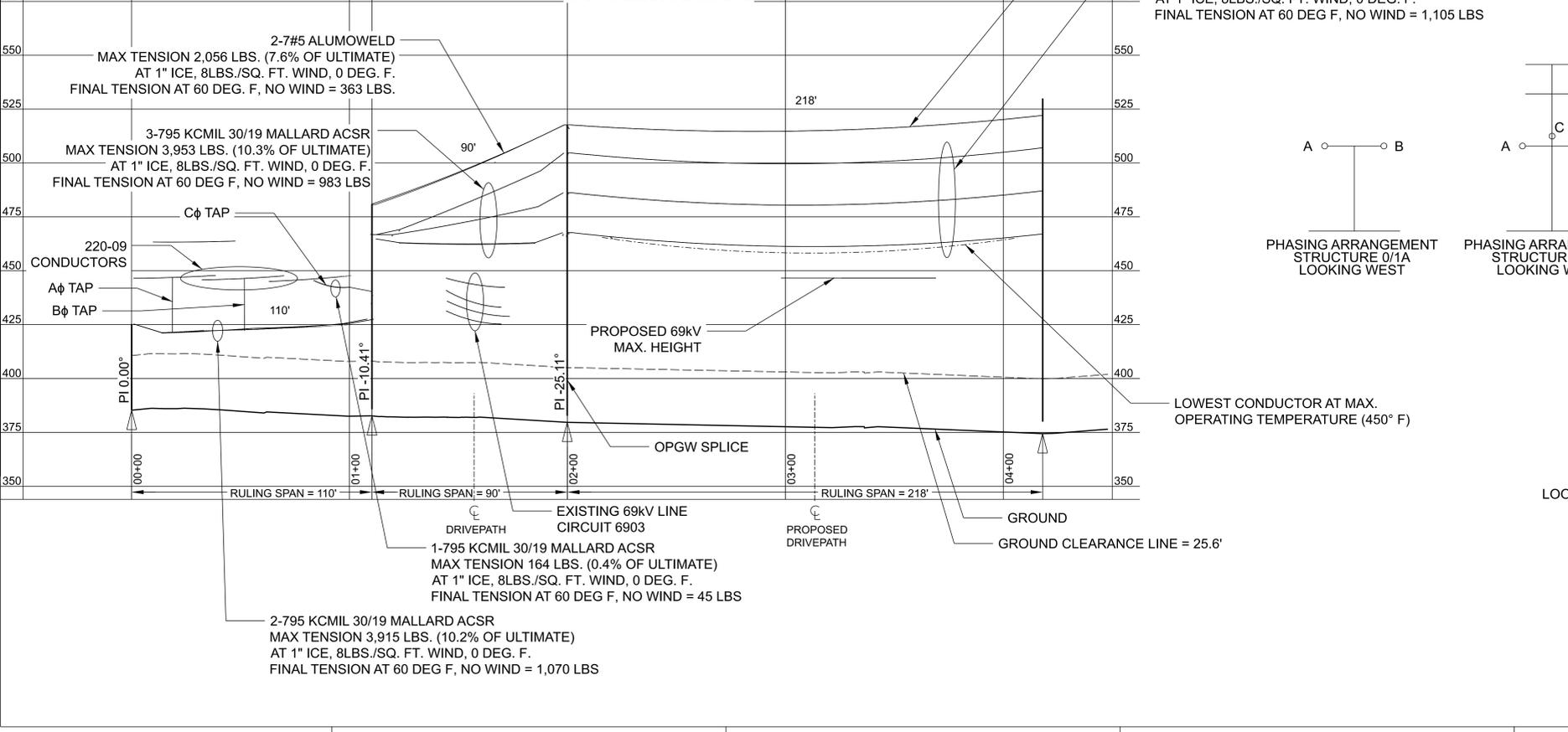
- NOTES:**
- SEE GENERAL NOTES ON SHEET 1 OF THIS DRAWING.
 - ALL WIRES DISPLAYED AT 60° F.
 - CONSTRUCTION TO STRING SPAN 0/1B TO 0/2 PRIOR TO STRINGING SPAN FROM 0/1A TO 0/1B DUE TO TENSION IMBALANCE.
 - MAX OP. TEMP ACSR = 284° F
 - MAX OP. TEMP ACSS = 450° F
 - Aφ, Bφ, AND Cφ TAPS FROM 220-09 TO BE 795 KCMIL 30/10 MALLARD ACSR.

STR 0/1A
STA=0+00
LINE ANGLE= 0.00°
STR. ABOVE GROUND HEIGHT: 40', STR. LENGTH: 55'
230KV TEMP 2PHASE DE
T.O.C. ELEVATION: GROUND ELEVATION 385'
GROUND TO COND: 40'
FRM DWG: 275859 SH. 1
INS. ASSY: S-7310-G1
FND. DWG. NO: 275862 SH. TBD
DIRECT EMBED LENGTH= 15' TOTAL

STR 0/1B
STA= 110.26
LINE ANGLE= -10.41°
STR. HEIGHT: 95'
230KV TEMP. ELEVATION CHANGE DE
T.O.C. ELEVATION: 386'
HT. TO C. TO COND: 42'
FRM DWG: 275859 SH. 2-3
INS. ASSY: S-7310-G1
OHSW ASSY: S7350-G1
FND. DWG. NO: 275862 SH. TBD
FND. REVEAL: 3'

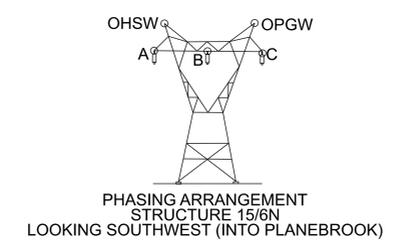
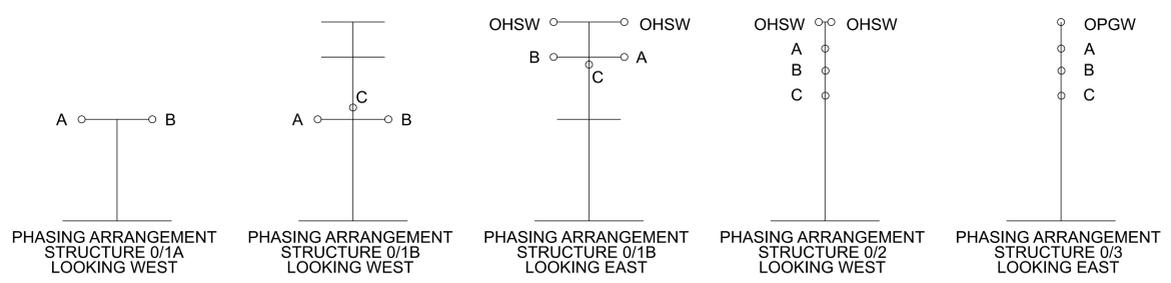
STR 0/2
STA=199.89
LINE ANGLE= -25.11°
STR. HEIGHT: 135'
230KV VERTICAL DE
T.O.C. ELEVATION: 383'
HT. TO C. TO COND: 85'
FRM DWG: 275859 SH. 4
INS. ASSY: S-7310-G1
OHSW ASSY: S7350-G1
FND. DWG. NO: 275862 SH. TBD
FND. REVEAL: 3'

GREEN FIG SUBSTATION TAKEOFF
STA= 418.08
HT= 150.00
BY OTHERS



1-AFL OPGW DNO-8338 AC-92/614
MAX TENSION 3,306 LBS. (12.6% OF ULTIMATE)
AT 1" ICE, 8LBS./SQ. FT. WIND, 0 DEG. F.
FINAL TENSION AT 60 DEG F, NO WIND = 597 LBS

3-900.0 KCMIL CANARY/ACSS/TW/HS (TYPE 13)
MAX TENSION 3,966 LBS. (15.0% OF ULTIMATE)
AT 1" ICE, 8LBS./SQ. FT. WIND, 0 DEG. F.
FINAL TENSION AT 60 DEG F, NO WIND = 1,105 LBS



REV	DATE	DESCRIPTION	WC	MH	MA
0	01/28/2025	ISSUED FOR APPROVAL			

500 DELAWARE AVE., WILMINGTON, DE

PROJ. No. 13710.178

PHASING ARRANGEMENT STRUCTURE 15/6N LOOKING SOUTHWEST (INTO PLANEBROOK)

NO.	DATE	DESCRIPTION	REV'D	CHK'D	APP'D
A1	01/28/2025	EC* 303558 W* 18158376 SARGENT & LUNDY ADDED THIS DRAWING.			

CIVIL 275857

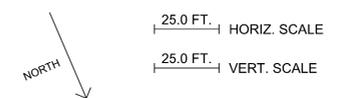
PLAN AND PROFILE
GREEN FIG 150MW TAP
PLANEBROOK TO GREEN FIG

220-09 LINE
PECO Energy Company

SCALE	DESIGN	CADD	CHECKED	INSPECTED	APPROVED	DATE
NONE	S&L	S&L	S&L			01/28/25

APPROVED _____ APPROVED _____
APPROVED _____ APPROVED _____
APPROVED _____ APPROVED _____

SHEET 3 OF 4 C-275857-A1



PLAN LEGEND

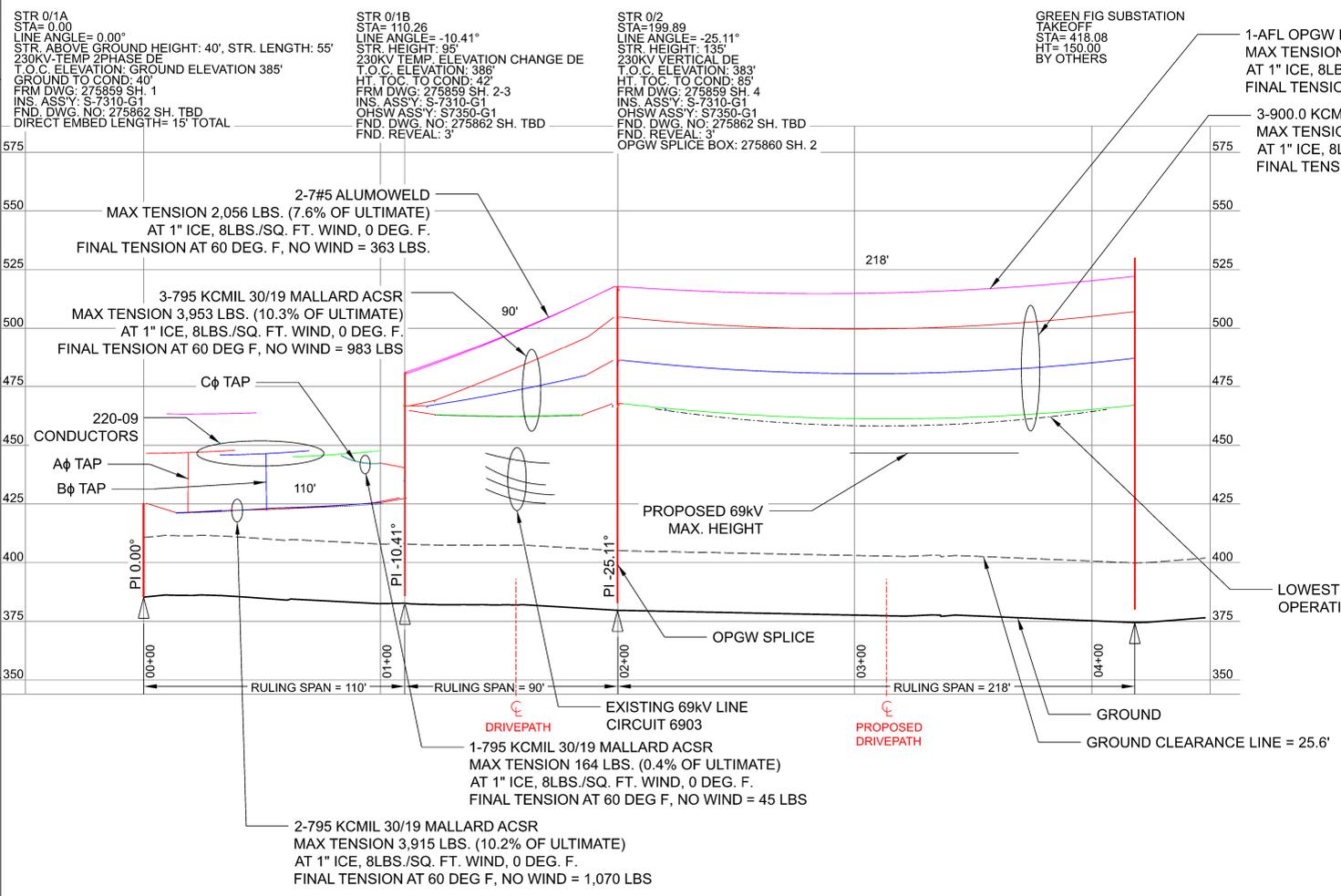
- R.O.W. LINE
- CENTERLINE OTHER CIR.
- CENTERLINE 220-09 TEMPORARY TAP
- EXISTING TOWER
- EXISTING POLE
- NEW POLE
- UNDERGROUND ELECTRIC
- x-x- SUBSTATION FENCELINE

REFERENCE DRAWINGS:

DRAWING NUMBER	SHEET	DESCRIPTION
C-275857	1	COVER SHEET
C-275857	2	STRUCTURE LIST
C-275857	3	PLAN & PROFILE
C-275857	4	PHASING AND TAP CONNECTIONS
C-275858	1-10	POLE LOADING
C-275859	1-4	FRAMING DETAILS
C-275860	1-6	ASSEMBLY DETAILS
C-275861	TBD	STRINGING CHARTS
C-275862	TBD	FOUNDATION SCHEDULE
C-275863	1-2	FIBER CONNECTION
C-76497	1	220-09 PLAN AND PROFILE

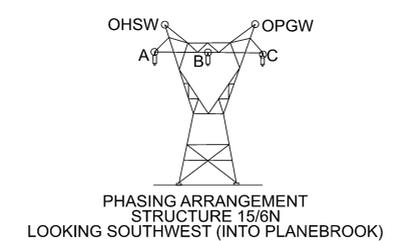
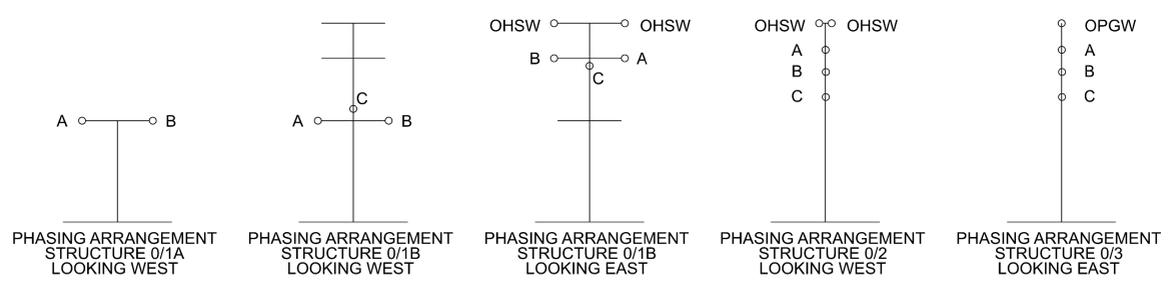
NOTES:

- SEE GENERAL NOTES ON SHEET 1 OF THIS DRAWING.
- ALL WIRES DISPLAYED AT 60° F.
- CONSTRUCTION TO STRING SPAN 0/1B TO 0/2 PRIOR TO STRINGING SPAN FROM 0/1A TO 0/1B DUE TO TENSION IMBALANCE.
- MAX OP. TEMP ACSR = 284°F
- MAX OP. TEMP ACSS = 450°F
- Aφ, Bφ, AND Cφ TAPS FROM 220-09 TO BE 795 KCMIL 30/10 MALLARD ACSR.



1-AFL OPGW DNO-8338 AC-92/614
MAX TENSION 3,306 LBS. (12.6% OF ULTIMATE)
AT 1" ICE, 8LBS./SQ. FT. WIND, 0 DEG. F.
FINAL TENSION AT 60 DEG F, NO WIND = 597 LBS

3-900.0 KCMIL CANARY/ACSS/TW/HS (TYPE 13)
MAX TENSION 3,966 LBS. (15.0% OF ULTIMATE)
AT 1" ICE, 8LBS./SQ. FT. WIND, 0 DEG. F.
FINAL TENSION AT 60 DEG F, NO WIND = 1,105 LBS



REV	DATE	DESCRIPTION	PREPARED	REVIEWED	APPROVED
0	01/28/2025	ISSUED FOR APPROVAL	WC	MH	MA

ANY MODIFICATION OR ADDITION TO THIS DRAWING BY ANY ORGANIZATION OTHER THAN SARGENT & LUNDY IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY

500 DELAWARE AVE., WILMINGTON, DE. PROJ. No. 13710.178

PHASING ARRANGEMENT STRUCTURE 15/6N LOOKING SOUTHWEST (INTO PLANEBROOK)

NO.	DATE	DESCRIPTION	REV'D	CHK'D	APP'D
01	EC* 303558				
28	WP* 18158376				
25	SARGENT & LUNDY	ADDED THIS DRAWING.			

CIVIL	275857					
PLAN AND PROFILE GREEN FIG 150MW TAP PLANEBROOK TO GREEN FIG						
220-09 LINE PECO Energy Company						
SCALE	DESIGN	CADD	CHECKED	INSPECTED	APPROVED	DATE
NONE	S&L	S&L	S&L			01/28/25
APPROVED					APPROVED	
APPROVED					APPROVED	
APPROVED					APPROVED	
SHEET 3 OF 4		C-275857-A1		PLOT SCALE 1:0 FILE SCALE		

ATTACHMENT 2

Letter of Notification Filing Checklist
PECO 220-09 Line Tap Project

In an effort to facilitate the Commission’s review process for a Letter of Notification (“LON”) for the Siting and Construction of Electric Transmission Lines, the following checklist may be consulted by the applicant. The applicable regulatory requirements for a LON application are found in 52 Pa. Code §§ 57.71-77. The checklist is provided to streamline the review process by anticipating requests for additional information that may arise from Commission staff. The checklist does not create additional mandates or regulatory requirements for approval of a LON.

1. Provide the name of the applicant and the address of its principal business office.

PECO Energy Company
 2301 Market Street
 Philadelphia, PA 19103

2. Name, title and business address of the attorney of the applicant and the person authorized to receive notice and communications with respect to the application if other than the attorney or the applicant.

Anthony E. Gay
 PECO Energy Company
 Vice President & General Counsel
 2301 Market Street
 Philadelphia, PA 19103
 (267) 533-1964
anthony.gay@exeloncorp.com

Kenneth M. Kulak
 Morgan, Lewis & Bockius LLP
 2222 Market Street
 Philadelphia, Pennsylvania 19103-2921
 (215) 963-5384
ken.kulak@morganlewis.com

3. General description of the proposed route of the HV line, to include the number of route miles, the right-of-way width and the location of the proposed HV line within each city, borough, town and township traversed. Describe which sections of 52 Pa. Code §57.72(d)(1)(i)-(vi) the applicant believes are applicable.

PECO proposes to construct a new 230 kV high voltage line tap in East Whiteland Township, Chester County, Pennsylvania (the “Project”). The new line will be approximately 420 feet and tap into PECO’s existing 220-09 Line near Planebrook Substation to connect a new customer’s data center. Approximately half of the proposed

line tap will be located within PECO's existing property with the final span of approximately 220 feet extending on the property of the sole customer served by the line. The proposed line tap will be supported by three new steel monopole structures and ACSR (aluminum conductor, steel reinforced) conductors located within existing property owned by PECO and use an advanced conductor ACSS/TW (aluminum conductor, steel supported) from the final proposed PECO structure to Green Fig's takeoff structure.

The Project involves constructing a 230 kV high voltage distribution line tap from the 220-09 Line to connect a data center. For the current Project, PECO anticipates that the service life of that high voltage line structure and related appurtenances to be over 60 years for the three monopoles being erected as part of this Project. PECO understands that the customer expects the data center's demand to increase in the future in which case the proposed line tap may be replaced with a dedicated higher capacity line. If the projected demand for the Green Fig Data Center continues, PECO intends to seek separate approval for future upgrades.

This application is made pursuant to 52 Pa. Code §57.72(d)(1)(vi): An HV line having a proposed route of 2 miles or less. The Project meets this criterion because the new 220-09 Line tap will be approximately 420 feet.

4. Provide a general statement of the need for the proposed HV line in meeting identified present and future demands for service, of how the proposed HV line will meet that need and of the engineering justification for the proposed line.

A new customer is currently planning to construct a data center on the property directly adjacent to the Planebrook Substation within PECO's service territory and has requested service from PECO. The proposed project is necessary to provide service of approximately 150 MW to the new data center from PECO's Planebrook Substation and includes substation updates to benefit the transmission system.

5. Please provide an engineering assessment of the project including information to address the following:

a) Provide an analysis of minimum conductor clearances and conductor thermal ratings.

Conductor clearances for the project meet or exceed the requirements of PECO's Engineering Practice EPP-2090 OHT Design Clearances. The clearance requirement in EPP-2090 exceeds the requirements of NESC 2023. Examples of PECO clearance requirements are provided in subsection b, below.

b) Provide engineering design criteria and parameters such as vertical clearance to ground.

Ground, Farmland	25.4'
Roadways, driveways, parking lots	25.4'
Railroads, above top or rail	33.4'
Area not accessible by vehicles	21.4'

c) Provide an explanation as to how the project will be in compliance with the current NESC and, where applicable, information on how the applicant’s design specifications and safety rules may exceed NESC suggested standards for transmission lines.

The right-of-way width for the proposed Project is governed by the conductor displacement due to wind with the assumption that buildings can be erected on the easement line regardless of local municipality building setback requirements. The right-of-way width provided exceeds the requirements of NESC and PECO’s Engineering Practice EPP-2090, “OHT Design Clearances” and will provide access for line maintenance, repair, and vegetation management.

6. If applicable, provide the current height of the structures expected to be replaced, the proposed height of the new structures to be installed and the height of the structures to remain in place. Provide the number of structures proposed vs. current number of structures. Provide the location and footprint of the current structures compared to the proposed structures.

No structures are being removed or replaced. The heights of the three new steel monopole structures to be constructed between the existing 220-09 Line and the customer’s take-off structure are listed below.

Structure Number	New Structure Height (ft)
0/1A	40 feet
0/1B	95 feet
0/2	135 feet

7. If applicable, state if any properties/easements that did not previously have structures will now have a structure. State if the easement agreement allows for structures on these properties that did not previously have a structure. Explain the Company’s process of informing the property owners that a structure will be placed on the easement to their property.

Approximately half of the proposed Project, including all three of the new high voltage line structures, will be placed entirely on PECO’s property. Approximately 220 feet of the proposed line tap will be located on the property of the new customer that will own

the data center where there are currently no existing high voltage line structures. PECO is negotiating necessary land rights with the new customer for the small portion of the high voltage line that will be located on the customer's data center property.

- 8. If applicable, what is the PJM project ID No. for the proposed project? Has this project been submitted to the PJM Transmission Expansion Advisory Committee (TEAC)? If so, please provide a description of the project as submitted to the TEAC. If this project is part of a larger project, summarize the larger project of which the LON is a part. Please describe how this project may mitigate potential planning criteria violations.**

The Project does not have a PJM project ID No. PECO presented the need for the Project at the November 6, 2024 TEAC meeting with project need number PE-2024-008. PECO presented the solution for the Project at the March 4, 2025 TEAC meeting with the project driver of customer service. PECO presented the Project as necessary to serve a new customer request as existing distribution infrastructure in the area cannot adequately accommodate the request.

The Project is not associated with PJM baseline projects that are ordered by PJM and designated to PECO to address planning criteria violations.

- 9. Provide a breakdown of project costs. Please explain who will own, finance and build the proposed project.**

The total estimated cost to design and construct the Project is approximately \$4.8 million. \$800,000 of that cost is attributed to materials (new conductor/hardware, optical ground wire, structures, foundations, substation equipment). The remaining costs are attributable to direct labor – primary engineering and design, clearance reviews, and electrical/civil construction – and allocated to PECO overhead and management costs. PECO will own, finance and build the proposed Project, with any Project distribution costs charged to the new customer consistent with PECO's Electric Service Tariff.

- 10. If available at the time the LON is filed, please provide a copy of any comments received from state or local officials.**

Not applicable. PECO has met with the East Whiteland Township Manager about the proposed Project and local communities and the Chester County Commissioners have been informed about the Project.

- 11. Please provide the anticipated construction commencement date and the proposed in-service date of the project.**

The anticipated construction commencement date is November 10, 2025, for the high voltage line structures. The Project requires transmission outages, currently scheduled from December 8 to 12, 2025, and March 2 to 27, 2026. The proposed in-service date of the Project is March 31, 2026.

12. Provide evidence to show that the size, character, design and configuration of the proposed HV line will not substantially alter its existing right-of-way, if applicable. Please identify all alterations necessary to the existing right-of-way.

Not applicable. No alterations to PECO's right-of-way are necessary. *See* PECO Attachment 1.

13. A statement identifying the filing date on which the filing of the LON was or is to be made and a statement as found in 57.72(d)(iv) regarding the Commission's review.

This Letter of Notification is being made today, April 14, 2025. PECO understands that, pursuant to 52 Pa. Code §§ 57.72(d)(4)(iv) and 57.72(d)(5), the Commission will review and, by order, approve or disapprove this Letter of Notification. If the Commission approves this Letter of Notification, the Project will be constructed as proposed herein without the application process set forth at 52 Pa. Code §§ 57.71, *et seq.*

14. Provide the number of streams and/or wetlands that will be crossed. Describe how these will be addressed. Will any endangered or threatened species be affected? If a PNDI is required, please provide the results.

The Project will not cross any streams or wetlands. The Project lines of disturbance ("LOD") do not impact any mapped streams or wetlands in the National Wetland Inventory. The nearest stream, Valley Creek, is located approximately 700 feet southwest of the Project LOD. The Project will disturb less than one (1) acre of soil. A Conservation Planning review was conducted through the Pennsylvania Natural Heritage Program Conservation Explorer website. The Conservation Planning review serves as a preliminary assessment of potential impacts to threatened and endangered species. No conservation planning areas of interest were identified in the proposed project location. The Conservation Planning review does not replace the need for a Pennsylvania Natural Diversity Inventory ("PNDI") Environmental Review receipt and/or consultation with agencies, which is required for environmental permitting. The Project is not expected to require a Pennsylvania Department of Environmental Protection permit, and thus a PNDI is not expected to be required.

15. Indicate the number of circuits on the proposed line. Note that if only one is being installed at this time, another LON may be needed when the second circuit is added.

One circuit tapping into the existing 220-09 Line will be installed for the Project.

16. Please provide a copy of the certificate of service.

The certificate of service is attached to the filing.

17. Provide the specific NERC or other regulatory standard criteria which is driving the proposed project (e.g. TPL-004-1, P.2).

Not applicable.

18. Explain why the NERC, or other regulatory standard, violation, is now an issue where it wasn't previously.

Not applicable.

19. Explain whether the proposed project meets NERC or PJM minimum planning criteria or whether it exceeds these criteria to meet transmission owner planning criteria. If the project exceeds either of these minimum planning criteria to meet transmission owner criteria, provide a detailed explanation as to why.

Not applicable. The proposed Project is not driven by NERC or PJM minimum planning criteria. The Project is necessary to provide service to a new customer.

20. Explain whether load growth in the area has led to any change in circumstances as it relates to the need for the proposed project. If so, quantify these load growth impacts.

Not applicable. The Project is necessary to serve the load of one new customer.

21. State the age and anticipated service life and describe the overall health of the transmission line facilities to be replaced. Additionally, include information related to conditions which may have accelerated aging or led to premature failure of the facilities (e.g. corrosive environment).

See response to paragraph 3 of this LON Checklist.

22. Provide information regarding any unplanned outages on the subject transmission facilities over the previous 5 years (or more), including the duration, cause, whether service to customers was interrupted by outages on the subject transmission line(s),

and if so, the number and type of customers which were impacted. Additionally, explain whether the proposed project would mitigate the effects of these outages.

The Project involves the construction of new high voltage distribution facilities as a line tap to the existing 220-09 Line to provide service to a new customer. There have been two unplanned outages on the 220-09 Line within the last ten years which were related to substation equipment failures that resulted in momentary interruptions. There was no direct impact to customers as a result of the unplanned outages on the existing 220-09 Line as it does not currently directly serve customers and, therefore, there was no customer impact due to these outages.

23. Explain whether alternative solutions were considered. If so, provide a brief description of the alternative(s) and provide a detailed explanation of why the chosen solution was selected.

The Project is necessary to serve a new customer and no alternative other than the proposed high voltage line would be practicable due to the close proximity of the new data center to PECO's Planebrook Substation.

Analysis of PECO's existing 34 kV system showed inadequate distribution capacity to meet the new customer's needs. Building a new line tap off of the 220-09 Line was identified as the fastest and most reliable means of providing service for 150 MW load of the new data center.

24. Explain whether any of the loads served by the transmission facilities to be replaced are considered to be critical customers.

Not Applicable. This question inquires about the loads served by existing transmission facilities. No current carrying transmission facilities will be replaced as part of the proposed Project.

25. Quantify the anticipated increase in reliability in terms of customer average interruption duration index, system average interruption duration index, and system average interruption frequency index.

Not applicable. The Project will serve a new customer.

26. If a transmission owner customer requested the proposed project and is not paying the entire cost, explain why the costs will be assumed by other transmission owner customers.

See response to paragraph 9 of this LON Checklist.

27. Provide a detailed description of the methodology used to determine that the subject transmission facilities have reached the end of their useful service life. Additionally, provide any survival curves or utility specific data used in this determination.

Not applicable.

Revised October 2018