



17 North Second Street
12th Floor
Harrisburg, PA 17101-1601
717-731-1970 Main
717-731-1985 Fax
www.postschell.com

John H. Isom

jisom@postschell.com
717-612-6032 Direct
717-731-1985 Fax
File #: 2507/140066

April 20, 2011

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
P.O. Box 3265
Harrisburg, PA 17105-3265

RE: Letter of Notification of PPL Electric Utilities Corporation, Filed Pursuant to 52 Pa. Code Chapter 57 Subchapter G, With Respect to the Allentown - Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line in the City of Allentown, Lehigh County, Pennsylvania - Docket No. A-2011-

Dear Secretary Chiavetta:

Enclosed, for filing, are an original and six (6) copies of the Letter of Notification of PPL Electric Utilities Corporation, together with seven (7) copies of the accompanying attachments which are contained in a separately-bound volume in the above-referenced proceeding. Also enclosed is a CD containing copies of the attachments.

As indicated on the certificate of service, copies of the Letter of Notification and accompanying exhibits and appendices are being served by certified mail, return receipt requested upon the property owners and the involved governmental agencies and municipalities. If you have any questions concerning this matter, please contact me at the address or telephone numbers provided above.

Respectfully Submitted,

John H. Isom

JHI/jl

Enclosures

cc: Certificate of Service

RECEIVED
2011 APR 21 PM 3:33
PA PUC
SECRETARY'S BUREAU

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Re: Letter Of Notification Of PPL Electric :
Utilities Corporation, Filed Pursuant To 52 :
Pa. Code Chapter 57 Subchapter G, With : Docket No. A-2011-_____
Respect To The Allentown – Siegfried #1 :
& #2 138 kV Transmission Line and the :
East Allentown #1 & #2 138 kV Tap Line :
in the City of Allentown, Lehigh County, :
Pennsylvania :

LETTER OF NOTIFICATION

RECEIVED
2011 APR 21 PM 3: 34
PA PUC
SECRETARY'S BUREAU

TO THE PENNSYLVANIA PUBLIC UTILITY COMMISSION:

PPL Electric Utilities Corporation (“PPL Electric”), hereby files, pursuant to 52 Pa. Code §57.72(d), this Letter of Notification to request that the Pennsylvania Public Utility Commission (“Commission”) approve the reconstruction of approximately 680 feet of the Allentown – Siegfried #1 & #2 138 kV Transmission Line, and approximately 1220 feet of the East Allentown #1 & #2 138 kV Tap Line, located in the City of Allentown, Lehigh County, Pennsylvania. In support thereof, PPL Electric states as follows:

I. INTRODUCTION AND OVERVIEW

1. This Letter of Notification is filed by PPL Electric, a public utility that provides electric distribution, transmission, and provider of last resort services in Pennsylvania subject to the regulatory jurisdiction of the Commission.

2. PPL Electric’s address is:

Two North Ninth Street
Allentown, Pennsylvania 18101

3. PPL Electric's attorneys are:

David B. MacGregor (Pa. Bar I.D. #28804)
Post & Schell, P.C.
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, PA 19103-2808
Voice: 215.587.1197
Fax: 215.320.4879
E-mail: dmacgregor@postschell.com

John H. Isom (Pa. Bar I.D. # 16569)
Jessica R. Rogers (Pa. Bar I.D. # 309842)
Post & Schell, P.C.
17 North Second Street
12th Floor
Harrisburg, PA 17101-1601
Voice: 717.612.6032
Fax: 717.731.1985
E-mail: jisom@postschell.com
E-mail: jrogers@postschell.com

Paul E. Russell (Pa. Bar I.D. #21643)
Associate General Counsel
PPL Services Corporation
Two North Ninth Street
Allentown, PA 18101
Voice: 610.774.4254
Fax: 610.774.6726
E-mail: perussell@pplweb.com

PPL Electric's attorneys are authorized to receive all notices and communications regarding this Letter of Notification.

4. PPL Electric furnishes electric service to approximately 1.4 million customers throughout its certificated service territory, which includes all or portions of twenty-nine counties and encompasses approximately 10,000 square miles in eastern and central Pennsylvania. PPL Electric is a "public utility" and an "electric distribution company" as

defined in Sections 102 and 2803 of the Pennsylvania Public Utility Code, 66 Pa. C.S. §§ 102, 2803.

5. PPL Electric owns approximately 5,000 miles of transmission lines operating at 69 kV (kilovolts) or higher, approximately 330 substations with a capacity of 10 MVA (megavolt amperes) or more, and approximately 43,000 miles of distribution lines operating at less than 69 kV.

6. This Letter of Notification includes the following accompanying attachments:

- Attachment 1 Necessity Statement.
- Attachment 2 Engineering Description.
- Attachment 3 Environmental Assessment.
- Attachment 4 PPL Electric Design Criteria and Safety Practices.
- Attachment 5 PPL Electric Field Management Program.
- Attachment 6 List of Property Owners.
- Attachment 7 List of Involved Governmental Agencies, Municipalities, and Other Public Entities.

7. The Pennsylvania Department of Transportation (“PennDOT”) plans on constructing the American Parkway Extension Project. A portion of this Project includes building a bridge over the Lehigh River, in order to connect the portions of American Parkway that run on either side of the river, as well as the associated ramps and intersections.

8. In order for PennDOT to make its planned upgrades, it has requested that PPL Electric raise the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line.

9. The proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line will take place on the

centerline of the existing rights-of-way, in the City of Allentown, Lehigh County, Pennsylvania. PPL Electric anticipates that the incremental visual impacts of the Project will be minimal because the reconstruction will take place entirely within the currently maintained rights-of-way.

10. The estimated cost to reconstruct these lines is \$850,000 and will be borne entirely by PennDOT. The Project has a required in-service date of April 2012. In order to meet the in-service date construction must begin by January 2012.

II. PROJECT SUMMARY

11. The proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line will be in the City of Allentown, Lehigh County, Pennsylvania. An aerial plot plan is provided at the end of Attachment 2 of this Letter of Notification. The plot plan depicts the location of the proposed reconstruction route.

12. The proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line will involve the reconstruction of approximately 680 feet of the Allentown – Siegfried #1 & #2 138 kV and approximately 1220 feet of the East Allentown #1 & #2 138 kV Tap Line. The purpose of the proposed reconstruction is to raise the lines to meet PPL Electric’s clearance requirements so that PennDOT can proceed with its planned American Parkway Extension Project.

13. The rebuilt sections of the two lines will be constructed along the present centerlines of the existing rights-of-way. No additional right-of-way is required for this Project. The proposed relocation will not change the functionality of the transmission system. Figure 1 to Attachment 1 of this Letter of Notification provides a one-line diagram of the existing transmission system configuration.

14. The proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line will require the removal of four existing transmission poles, to be replaced by two new transmission poles. The existing poles, which are approximately 85 feet in height, will be replaced with new poles that are approximately 120 feet in height. The average span of the existing poles is approximately 200 feet. After reconstruction, there will be a single span that will be approximately 680 feet in length. The existing conductors and overhead ground wire on this section of the line will be replaced. The power conductors will be 556.5 kcmil (thousands of circular mils)¹ 24/7 strand ACSR.² The overhead ground wire will be 3/8-inch steel and will provide lightning protection for the reconstructed Transmission Line.

15. The proposed reconstruction of the East Allentown #1 & #2 138 kV Tap Line will require the removal of six existing transmission poles, to be replaced by three new transmission poles. The existing poles, which are approximately 80 feet in height, will be replaced with new poles that are approximately 95 feet in height. The average span of the existing poles is approximately 220 feet. After reconstruction, the spans will average approximately 610 feet in length. The existing conductors and overhead ground wire in this section of the East Allentown #1 & #2 138 kV Tap Line will be replaced. There will be three power conductors and one overhead ground wire. The power conductors will be 556.5 kcmil 24/7 strand ACSR. The overhead ground wire will be 3/8-inch steel and will provide lightning protection for the reconstructed Tap Line.

16. The proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line will be designed to comply

¹ A circular mil is the cross-sectional area of a wire one mil in diameter, where 1 kcmil = 0.5067 mm².

² Aluminum conductor steel reinforced.

with, and will generally surpass, the applicable minimum standards in the National Electrical Safety Code (“NESC”).

17. The total estimated cost to design and construct the proposed Project is \$850,000 and will be borne entirely by PennDOT.

18. The proposed reconstruction has a required in-service date of April 2012. In order to meet that date, construction must begin by January of 2012.

19. The proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line will be completed entirely within the existing, maintained right-of-way. No additional right-of-way is required for this Project.

20. Due to the fact that the proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line will be completed entirely within the existing, maintained right-of-way, it is anticipated that the proposed reconstruction will have minimal incremental impacts on the area.

21. Accompanying this Letter of Notification is a separately bound volume containing Attachments 1-7, which provide additional information about the proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line. This Letter of Notification and accompanying Attachments, which are incorporated herein by reference, contain all the information required by 52 Pa. Code § 57.72(d)(4).

III. LETTER OF NOTIFICATION

22. PPL Electric 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). The proposed

reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line qualifies for use of a Letter of Notification because the reconstruction will take place entirely within existing rights-of-way, and will not substantially alter the rights-of-way. In addition, the Project is less than two miles in length.

23. The Necessity Statement for the proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line is provided as Attachment 1 accompanying this Letter of Notification. As explained therein, the purpose of the proposed reconstruction is to raise the lines in order to meet PPL Electric’s minimum ground clearance requirements so that PennDOT can go forward with its planned American Parkway Extension Project.

24. No alternatives were considered in this Project, as the Project is being undertaken at the request of PennDOT in the same location.

25. The proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line will not create any unreasonable risk of danger to the public health or safety. The proposed reconstructed line sections will be designed, reconstructed, operated, and maintained in a manner that meets or surpasses all applicable NESC minimum standards and all applicable legal requirements. Descriptions of NESC standards, PPL Electric’s design criteria, and PPL Electric’s safety practices are provided in Attachment 4 hereto.

26. The Engineering Description of the proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line is provided in Attachment 2 accompanying this Letter of Notification.

27. The proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line will be located within the existing right-of-way maintained by PPL Electric.

28. No communication towers, pipelines, or other utilities will be affected by the proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line. Lehigh Valley Airport is the nearest airport and is located approximately 1.5 miles to the north of the Project site. PPL Electric will contact the PennDOT Bureau of Aviation and the Federal Aviation Administration to ensure that the proposed reconstruction will not be a hazard to flight operations.

29. The proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line was reviewed with the Pennsylvania Historical and Museum Commission (“PHMC”). The PHMC has determined that based on the soil type, topography, aspect and proximity to water there is a high probability for the presence of prehistoric artifact material. As a result, PennDOT entered into a Memorandum of Agreement with PHMC to complete a Phase I Archeological Survey and avoid, minimize impact, and/or mitigate archeological resources if identified prior to the initiation of construction. PPL Electric will not initiate work until this issue is fully resolved.

30. The proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line will not affect any unique geological, scenic, or natural areas. The reconstruction will cross an unnamed tributary of the Lehigh River in the same location where it presently crosses that tributary. No wetlands have been identified within the right-of-way. No tree clearing is required for the proposed Project.

PPL Electric will acquire any required soil erosion and sedimentation control permits and comply with any conditions imposed by such permits.

31. PPL Electric has consulted with state and federal agencies to obtain information regarding endangered and threatened species in close proximity to the proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line.³ A review of the Pennsylvania Natural Diversity Inventory (“PNDI”) records indicates that the Project will have no impact on threatened and endangered species and/or special concern species and resources. The proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line will not create any risk to endangered or threatened species.

32. The proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line was reviewed with representatives of the City of Allentown and Lehigh County, and neither the City nor the County has any objection.

33. Attachment 7 accompanying this Letter of Notification contains a list of the involved governmental agencies, municipalities, and other public entities. Copies of this Letter of Notification are being served on the agencies listed in Attachment 7 in accordance with 52 Pa. Code § 57.72(d)(3).

34. Attachment 5 accompanying this Letter of Notification explains PPL Electric’s standards for Magnetic and Field Management.

35. As soon as practicable after the filing of this Letter of Notification and the assignment by the Commission of a docket number, PPL Electric will publish notice of the filing

³ The PNDI Search IDs for this Project are 20110211282682 and 20110211282680.

in newspapers of general circulation in the area of the proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line. Such notice will contain: (a) the date this Letter of Notification was filed with the Commission; (b) a brief description of the proposed reconstruction Project and its location; (c) locations where the complete Letter of Notification may be reviewed by the public; and (d) an instruction that interested parties should contact Secretary Rosemary Chiavetta, Secretary at the Commission’s Harrisburg address.

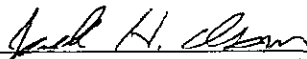
36. This Letter of Notification is filed on the date set forth below. As provided in 52 Pa. Code § 57.72(d)(5), the Commission will review and, by order, approve or disapprove this Letter of Notification. If the Commission approves this Letter of Notification, the proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line will be completed as proposed herein without the formal application process set forth at 52 Pa. Code §§ 57.71, *et seq.*

IV. CONCLUSION

WHEREFORE, PPL Electric Utilities Corporation respectfully requests that the Pennsylvania Public Utility Commission approve the proposed reconstruction of the Allentown – Siegfried #1 & #2 138 kV Transmission Line and the East Allentown #1 & #2 138 kV Tap Line in the City of Allentown, Lehigh County, Pennsylvania, that is explained above and in the Attachments hereto.

Respectfully submitted,

Paul E. Russell (ID # 21643)
Associate General Counsel
PPL Services Corporation
Office of General Counsel
Two North Ninth Street
Allentown, PA 18106
Phone: 610-774-4254
Fax: 610-774-6726
E-mail: perussell@pplweb.com



David B. MacGregor (ID # 28804)
Post & Schell, P.C.
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, PA 19103-2808
Phone: 215-587-1197
Fax: 215-320-4879
E-mail: dmacgregor@postschell.com

Of Counsel:
Post & Schell, P.C.

John H. Isom (ID # 16569)
Jessica R. Rogers (ID # 309842)
Post & Schell, P.C.
17 North Second Street
12th Floor
Harrisburg, PA 17101-1601
Phone: 717-731-1970
Fax: 717-731-1985
E-mail: jisom@postschell.com
E-mail: jrogers@postschell.com

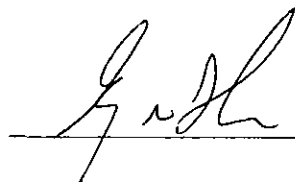
Date: 4/18/2011

Attorneys for PPL Electric Utilities Corporation

VERIFICATION

I, Gregory Dudkin, being the Senior Vice President – Operations of PPL Electric Utilities Corporation, hereby state that the facts above set forth are true and correct to the best of my knowledge, information and belief and that I expect that PPL Electric Utilities Corporation to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. § 4904 relating to unsworn falsification to authorities.

Date: 4/14/11



CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing Letter of Notification has been served upon the following persons, in the manner indicated, in accordance with the requirements of § 1.54 (relating to service by a participant).

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pennsylvania Historical and Museum Commission
Bureau of Historic Preservation
Commonwealth Keystone Building
400 North Street, 2nd Floor
Harrisburg, PA 17120
Attn: Mr. Douglas C. McLearn, Chief

City of Allentown
City Council
435 Hamilton Street
Allentown, PA 18101
Attn: Michael D'Amore, President

Pennsylvania Department of Transportation
Commonwealth Keystone Building
400 North Street, 8th Floor
Harrisburg, PA 17120
Attn: Honorable Allen D. Beihler, P.E., Secretary

City of Allentown
Planning Commission
435 Hamilton Street
Allentown, PA 18101
Attn: Mr. Michael C. Hefele, Director
of Planning

Department of Environmental Protection
Market Street Office Building
PO Box 2063
Harrisburg, PA 17105-2063
Attn: Office of Field Operations

William E. & Robin Carmody
410 Allentown Drive
Allentown, PA 18109

Lehigh County Commissioners
17 S. Seventh Street
Allentown, PA 18101
Attn: Mr. Dean N. Browning, Chairman

City of Allentown
435 W. Hamilton Street
Allentown, PA 18101

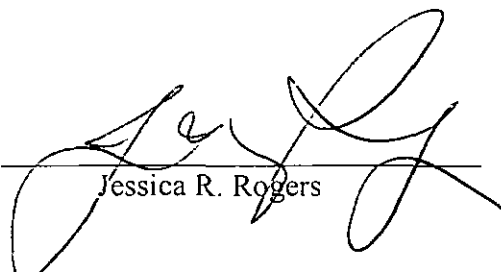
Lehigh Valley Planning Commission
961 Marcon Boulevard, Suite 310
Allentown, PA 18103
Attn: Steven L. Glickman, Chairman

Tiger Den Partners II, LLC
C/O JG Petrucci Co., Inc.
171 Rt. 173, Suite 201
Ashbury, NJ 08802

City of Allentown
Office of The Mayor
435 Hamilton Street
Allentown, PA 18101
Attn: Mr. Ed. Pawlowski, Mayor

Agere Systems, Inc
C/O James Reyes
Rm. 12C-156
1110 American Parkway NE
Allentown, PA 18109

Date: April 20, 2011



Jessica R. Rogers