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File #: 140066

May 16, 2013

VIA HAND DELIVERY

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

RECEIVED
2013 MAY 16 PM 3:36
PA PUC
SECRETARY'S BUREAU

Re: Letter of Notification of PPL Electric Utilities Corporation, Filed Pursuant to 52 Pa. Code Chapter 57 Subchapter G, With Respect to the Re-termination of the Clinton - Lycoming #2 138/69 kV Transmission Tie Line into a New Bay at the Existing 230-69 kV Clinton Substation in Clinton Township, Lycoming County, Pennsylvania - Docket No. A-2013-

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 Letter of Notification and attachments.

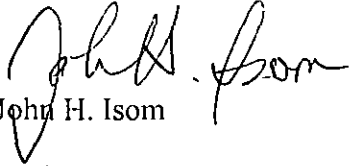
As indicated on the certificate of service, copies of the Letter of Notification and accompanying exhibits and appendices are being served by certified mail, return receipt requested upon the involved governmental agencies and municipalities.

The project is scheduled to commence as soon as practical following approval by the Pennsylvania Public Utility Commission.

If you have any questions concerning this matter, please contact me at the address or telephone numbers provided above.

Rosemary Chiavetta, Secretary
May 16, 2013
Page 2

Respectfully submitted,



John H. Isom

JHI/jl

Enclosures

cc: Certificate of Service
Robert F. Young
Paul T. Diskin
Nicholas Okoro
Kimberly Hafner

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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 :
Respect To The Re-termination of the : Docket No. A-2013-_____
Clinton – Lycoming #2 138/69 kV :
Transmission Tie Line Into A New Bay At :
The Existing 230-69 kV Clinton Substation :
in Clinton Township, Lycoming County. :
Pennsylvania :

LETTER OF NOTIFICATION

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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 re-termination of the existing 16.4-mile long Clinton – Lycoming #2 138/69 kV Transmission Tie Line (“Clinton - Lycoming Line”) into a new bay at the existing 230-69 kV Clinton Substation in Clinton Township, Lycoming County, Pennsylvania (the “Project”). The Clinton - Lycoming Line is currently tied to the 4.0-mile long Lycoming #2 – Muncy 138/69 kV Transmission Tie Line (“Lycoming-Muncy Line”). The two lines terminate together via a single, joint tie line into one bay in the 230-69 kV Clinton Substation (“Clinton Substation”). With Commission approval, the Clinton-Lycoming Line will be detached from the existing Lycoming – Muncy Line and re-terminated into the Clinton Substation via a 1,200 foot segment of new transmission line into a new bay also at the Clinton Substation (“Project”). The

Project will resolve an issue which results from the fact that the Clinton - Lycoming Line and the Lycoming – Muncy Line are operated in a network configuration. Specifically, any outage on either Line interrupts service to all customers served by both lines. The result is an increased number of outages on these lines. Service on these Lines has been interrupted to residential customers as well as certain large industrial customers served from the Lycoming – Muncy Line who require a high level of reliable service to sustain their operations.

The Project will be constructed entirely on land already owned in fee by PPL Electric. PPL Electric has reviewed the proposed Project with representatives of Clinton Township and Lycoming County, and they had no objection to it.

Transmission line construction on the Project is scheduled to commence as soon as practical after Commission approval so that PPL Electric can improve the reliability of service to customers served from the Clinton – Lycoming and the Lycoming – Muncy Lines at the earliest feasible date. For this reason, PPL Electric is requesting expedited review of this Letter of Notification.

In support of this Letter of Notification, PPL Electric states as follows:

I. INTRODUCTION

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:

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

5. PPL Electric owns approximately 5,000 miles of transmission lines operating at 69 kV (kilovolts) or higher, approximately 375 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. Accompanying this Letter of Notification is a separately bound volume containing Attachments 1-7, which provide additional information about the proposed Project:

- 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 Magnetic Field Management Program
- Attachment 6 List of Owners of Property within the Right-of-Way
- Attachment 7 List of Involved Governmental Agencies, Municipalities, and Other Public Entities

7. 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).

II. THE PROJECT

8. The Necessity Statement for the proposed re-termination of the Clinton – Lycoming Line is provided as Attachment 1 to this Letter of Notification.

9. The existing transmission Lines that are the subject of this filing are the 16.4-mile long Clinton – Lycoming Line and the 4.0-mile long Lycoming – Muncy Line. Presently, from a three terminal junction near the Clinton Substation, a single tap line about 1,200 feet in length connects both the Clinton-Lycoming Line and the Lycoming – Muncy Line jointly into a single bay at the Clinton Substation. Thus, the Clinton – Lycoming Line and the Lycoming – Muncy Line currently operate in a networked configuration.

10. These Lines are supplied by the 230-69 kV Clinton Substation and the Lycoming 230-69 kV Substation (“Lycoming Substation”). Electrical power normally flows from both the Clinton and Lycoming Substations along these lines to PPL Electric’s Faxon, Kenmar, Montoursville, Hughesville, and Muncy 69-12 kV distribution substations, which serve local customer loads, and to the substation owned by Atlantic Refining, a customer who receives service at transmission level voltage. In total, approximately 17,118 customers are served from the substations supplied by the Clinton-Lycoming and the Lycoming – Muncy Lines. PPL Electric’s load forecast projects that, for the summer of 2013, the Clinton – Lycoming and the Lycoming – Muncy Lines will be supplying approximately 50 MW of customer load.

11. The existing transmission system in the area is shown in Figure 1 near the end of Attachment 1 to this Letter of Notification.

12. Currently the Clinton – Lycoming and the Lycoming – Muncy Lines are both connected to the same bay in the Clinton substation via a short joint tap line. As presently configured, because they operate in a network configuration, an outage on either of these transmission lines will also interrupt service on the other transmission line. For example, a lightning strike on the 16.4- mile long Clinton – Lycoming Line will also interrupt service on the 4.0-mile long Lycoming - Muncy Line.

13. The network configuration of the Lines has resulted in an increased number of service interruptions. According to PPL Electric’s Reliability Principles and Practices (“RP&P”), outages on a load serving line should not exceed 2 outages per year per 20-mile circuit for both momentary and permanent outages.¹ This is equivalent to 2.04 interruptions per year for the 20.4 mile long Clinton – Lycoming and Lycoming – Muncy Lines. In recent years,

¹ A momentary outage is defined as an interruption that is less than 5 minutes in duration. A permanent outage is defined as an interruption that is equal or greater than 5 minutes.

outage rates of the Clinton – Lycoming and Lycoming – Muncy Lines have exceeded the line performance standards set by PPL Electric’s RP&P with 4 outages in 2011, 7 outages in 2012, and 3 outages to date in 2013.

14. These outages have not only interrupted service to small customers, including residential customers, but also have disrupted plant operations at Kellogg’s, ADS’ and Charlotte Pipe’s facilities. Such interruptions have been a concern to these industrial customers who require a high level of service reliability to sustain their businesses. Even momentary interruptions can disrupt operations of these large industrial customers.

15. The Project proposed herein will produce significant improvement in service reliability. PPL Electric proposes to reduce the line mileage exposure for each of the two lines. PPL Electric proposes to implement the reduction by separating the existing Clinton – Lycoming Line from the existing Lycoming – Muncy Line and re-terminate the Clinton – Lycoming Line into a new bay at the Clinton Substation. Separating the two Lines will mean that they no longer will be operated in a networked configuration, so interruptions on the Clinton – Lycoming Line will no longer affect service on the Lycoming – Muncy Line and vice-versa. Detaching the Clinton – Lycoming Line from the Lycoming – Muncy Line and re-terminating it into a new bay at the Clinton Substation will reduce the total transmission line mileage exposure of each line, thereby reducing customer exposure to interruptions. The 4.0-mile long Lycoming – Muncy Line that already terminates into the Clinton Substation will not be modified.

16. The proposed transmission system in the area is shown in Figure 2 at the end of Attachment 1 to this Letter of Notification.

17. *The tracts of land on which the Project will be constructed are located in Clinton Township, Lycoming County.*

18. The total estimated cost of the proposed Project is approximately \$3.0 million. This amount includes both the transmission line work and the substation work.

19. The new section of the Clinton – Lycoming Line will consist of three 795.0 kcmil,² 30/19 stranding ACSR³ power conductors and two 3/8 inch diameter Overhead Ground Wires that will provide lightning protection. The conductors and overhead ground wires will be supported by single or double shaft weathering steel monopoles equipped with upswept weathering steel arms. The new steel structures will average 76 feet in height, and the average span length for the new section of line will be 203 feet.

20. The transmission line work for the Project is scheduled to begin as soon as practical upon Commission approval of the work so that customers will begin to experience more reliable service at the earliest practical date.

III. HEALTH AND SAFETY

21. The re-termination of the Clinton - Lycoming Line will not create any unreasonable danger to the public health or safety.

22. The proposed Project will be designed, constructed, operated, and maintained in a manner that meets or surpasses all applicable National Electric Safe Code (“NESC”) minimum standards and meets all applicable legal requirements. Descriptions of NESC standards, PPL Electric’s design criteria, and PPL Electric’s safety practices are provided in Attachment 4.

23. PPL Electric does not believe that the current scientific evidence demonstrates that magnetic fields cause any adverse health effects or pose a health or safety danger to the public. Nevertheless, PPL Electric has determined, as a matter of policy, to design its new and

² Kcmil stands for thousand circular mils. Kcmil wire size is the equivalent cross section area in thousands of circular mils. A circular ml is the area of a circle with a diameter one thousandth (0.001) of an inch.

³ ACSR stands for aluminum conductor steel reinforced.

rebuilt transmission lines to reduce magnetic fields when that can be done at low or no cost and does not interfere with functional requirements.

24. *Attachment 5 accompanying this Letter of Notification explains PPL Electric's standards for Magnetic Field Management. PPL Electric's Magnetic Field Management Program has been developed to implement the Company's policy decision. To reduce magnetic field levels, the program generally prescribes ground clearances at least five feet greater than NESC minimum standards and reverse phasing of new double-circuit lines where it is feasible to do so at low or no cost and will not interfere with functional requirements.*

25. Consistent with the program, PPL Electric will construct the new overhead line with *ground clearances at least five feet greater than NESC standards to reduce magnetic field exposures.*

26. Because only one circuit will be initially installed on the new section of the Clinton – Lycoming Line, reverse phasing is not possible. Reverse phasing will be considered in the future when a second circuit is added.

IV. ENVIRONMENTAL EVALUATION

27. The proposed Project was reviewed with representatives of Clinton Township and Lycoming County, and neither the County nor the Township had any objection to the Project.

A. LAND USE

28. *The proposed re-termination of the Clinton - Lycoming Line will result in little, if any, environmental or social impacts as the new line section will be constructed entirely on property owned in fee by PPL Electric that already hosts substantial other electric transmission facilities. The new line section will be constructed adjacent to five existing transmission lines, including a double circuit 230 kV transmission line, the Clinton – Milton 138/69 kV*

Transmission Line, and the Clinton – Lycoming #1 138/69 kV Transmission Line, the Clinton – Muncy 138/69 kV Transmission Line and the Lycoming #2 – Muncy 138/69 kV Transmission Line.

29. The entire Project area is substantially cleared of large mature trees and is crisscrossed with unpaved access roads. The Project area is primarily surrounded by undeveloped wooded parcels. Due to the transmission facilities already existing in the area and the limited size of this Project, the incremental visual impacts of the Project will be minimal.

30. No nearby communication towers, pipelines, or other utilities will be affected by the proposed Project.

31. No airports are located within 2 miles of the Project area. The nearest airport is the Hackenburg - Penny Hill Airport, a private airport, which is located approximately 2.9 miles southwest of the Project site. Impacts to this airport are not expected due to the distance from the airport, the layout of the approach path and the presence of similar and larger sized structures already present at the site. Nonetheless, PPL Electric will file the appropriate documentation with the Federal Aviation Administration and the PennDOT Bureau of Aviation to confirm that the new line will not be a hazard to the airport's flight operations.

B. CULTURAL RESOURCES

32. The Project will have little, if any, impact on cultural resources in the area. The Project was submitted to the Pennsylvania Historical and Museum Commission (“PHMC”) to request identification of potential impacts to both historic and archaeological resources. A response from PHMC has not yet been received. PPL Electric anticipates, however, that no historical or archaeological resources are located at the Project site. PPL Electric already has constructed substantial facilities at the Project site and no historic or archaeological resources

have been discovered. Should PHMC identify the potential for historic or archaeological resources, however, PPL Electric will work with PHMC to resolve any issues prior to the initiation of construction.

C. NATURAL FEATURES

33. The Project will not affect any unique geological, scenic, or natural areas. The recreational area located closest to the Project site is Tiadaghton State Forest, which is located approximately 0.5 miles to the north. The western portion of the existing Clinton – Lycoming Transmission Line located to the west of the Project site runs through Tiadaghton State Forest. There are no anticipated impacts to this area due to the relatively small size of the Project compared to the existing electrical facilities already located adjacent to and near the Project area, the distance from these features to the Project area and the existing mature forests surrounding the Project area which provide a vegetative buffer.

34. It is not anticipated that significant tree clearing or brush removal will be required as part of this Project since the Project area is located on property that already has been substantially cleared of mature trees and is traversed by multiple transmission lines. However, some minor tree clearing and brush removal will be required. PPL Electric will apply its “Specifications for Initial Clearing and Control of Vegetation on or Adjacent to Electric Right-of-Way Through Use of Herbicides, Mechanical, and Hand Clearing Techniques” while performing the tree clearing to minimize impacts from vegetation clearing.

35. The proposed transmission tap will not cross any wetlands or areas designated as “Waters of the U.S.” or “Waters of the Commonwealth.” It is anticipated that less than one acre of soil will be disturbed during the completion of this Project. As such, soil erosion and sedimentation permits will not be required. However, PPL Electric will prepare and abide by a

site specific soil erosion and sedimentation control plan that will be submitted to the County Conservation District.

D. THREATENED AND ENDANGERED SPECIES

36. PPL Electric has coordinated with various state and federal agencies to obtain information regarding threatened and endangered species in close proximity to the Project area. A review of the Pennsylvania Natural Diversity Inventory (PNDI) records indicates that there are no anticipated impacts to threatened and endangered species and/or special concern species and resources (PNDI Search ID: 20130508403309).

V. RIGHTS-OF-WAY STATUS

37. The entire Project will be constructed on land already owned in fee by PPL Electric. No further land rights are required for this Project.

VI. NOTICE

38. The proposed re-termination of the Clinton – Lycoming Line into a new bay at the Clinton Substation was reviewed with representatives of Clinton Township and Lycoming County, and they had no objection to the Project

39. 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). As indicated in Attachment 6, the only owner of land that will host the new transmission line is PPL Electric.

VII. LETTER OF NOTIFICATION

40. 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

re-termination of the Clinton – Lycoming Line into a new bay at the Clinton Substation qualifies for use of a Letter of Notification because the length of the Line will be only 1,200 feet in length. New transmission lines qualify for use of a Letter of Notification if they are 2 miles or less in length. 52 Pa. Code § 57.72(d)(1)(vi). In addition, the Project will be located entirely on tracts of land already owned in fee by PPL Electric, and the construction of the new transmission line will not substantially alter the tracts of land due to the substantial transmission facilities that already occupy the tracts of land. Therefore, the Project qualifies for a Letter of Notification for this additional reason. 52 Pa. Code § 57.72(d)(1)(iii).

41. This Letter of Notification is being filed on the date set forth below.

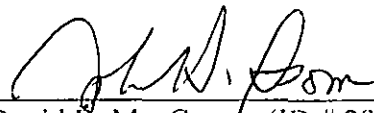
42. As provided in 52 Pa. Code § 57.72(d)(5), the Commission will review and, by order, approve or disapprove this Letter of Notification. If the Commission approves this Letter of Notification, the proposed re-termination of the Clinton – Lycoming Line into a new bay at the Clinton Substation will be completed as proposed herein without the formal application process set forth at 52 Pa. Code §§ 57.71, *et seq.* As further provided in 52 Pa. Code § 57.72(d)(5), if the Commission does not approve this Letter of Notification, PPL Electric will comply with the application process set forth in 52 Pa. Code Chapter 57, Subchapter G.

II. CONCLUSION

WHEREFORE, PPL Electric Utilities Corporation respectfully requests that the Pennsylvania Public Utility Commission approve the proposed re-termination of the Clinton - Lycoming #2 138/69 kV Transmission Tie Line into a new bay at the existing 230-69 kV Clinton Substation in Clinton Township, Lycoming County, Pennsylvania, that is explained above and in the Attachments hereto.

Respectfully submitted,

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Of Counsel:

Post & Schell, P.C.

Date: May 16, 2013

Attorneys for PPL Electric Utilities Corporation

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VERIFICATION

I, Stephanie Raymond, being the Transmission & Substations Vice President 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: 5/16/13

Stephanie Raymond

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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 52 Pa. Code § 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 17120-0053
Attn: Mr. Douglas C. McLearen, Chief

Honorable Barry Schoch, P.E., Secretary
Pennsylvania Department of Transportation
C/O Office of Chief Counsel
Commonwealth Keystone Building
400 North Street, 9th Floor
Harrisburg, PA 17120
Attn: William J. Cressler

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

Bureau of Investigation & Enforcement
PO Box 3265
Commonwealth Keystone Building
400 North Street, 2nd Floor West
Harrisburg, PA 17105-3265

Office of Consumer Advocate
555 Walnut Street
Forum Place, 5th Floor
Harrisburg, PA 17101-1923

Office of Small Business Advocate
300 North Second Street, Suite 1102
Harrisburg, PA 17101

Lycoming County Commissioners
48 West Third Street
Williamsport, PA 17701
Attn: Jeff C. Wheeland, Chairman

Lycoming County Planning Commission
48 West Third Street
Williamsport, PA 17701
Attn: George Logue, Jr., Chairman

Clinton Township Board of Supervisors
2106 State Route 54
Montgomery, PA 17752
Attn: Ed Shrimp, Chairman

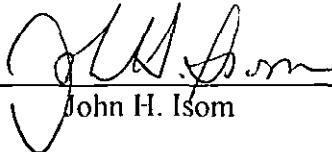
Clinton Township Planning Commission
2106 State Route 54
Montgomery, PA 17752
Attn: Chris Miller, Chairman

Date: May 16, 2013

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John H. Isom