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File #: 2507/140066

March 25, 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

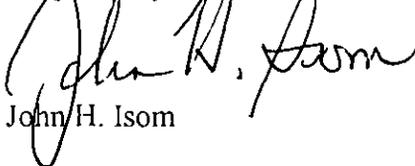
**RE: Letter of Notification of PPL Electric Utilities Corporation, Filed Pursuant to 52 Pa. Code Chapter 57, Subchapter G, With Respect to the Relocation of a Portion of the West Hempfield - Manor #2 230 kV Transmission Line in Manor Township, Lancaster County, Pennsylvania - Docket No. A-2011-**

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 well as a check in the amount of \$350 for the filing fee.

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 MAR 25 PM 4: 04  
SECRETARY'S BUREAU

**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 for Historic Preservation  
Commonwealth Keystone Building  
400 North Street, 2<sup>nd</sup> Floor  
Harrisburg, PA 17120  
Attn: Mr. Douglas C. McLearn, Chief

Lancaster County Planning Commission  
150 North Queen Street, Suite 320  
Lancaster, PA 17603

Manor Township Board of Supervisors  
950 West Fairway Drive  
Lancaster, PA 17603

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

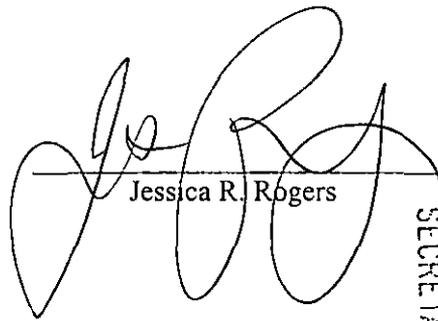
Manor Township Planning Commission  
950 West Fairway Drive  
Lancaster, PA 17603

Lancaster Solid Waste Management Authority  
1299 Harrisburg Pike  
PO Box 4425  
Lancaster, PA 17604

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

Lancaster County Board of Commissioners  
Office of the County Commissioners  
150 North Queen Street, Suite 715  
Lancaster, PA 17603

Date: March 25, 2011



Jessica R. Rogers

PA FUC  
SECRETARY'S BUREAU

2011 MAR 25 PH 4: 04

RECEIVED

**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 Relocation Of A Portion :  
Of The West Hempfield – Manor #2 230 :  
KV Transmission Line In Manor :  
Township, Lancaster County, Pennsylvania :

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**LETTER OF NOTIFICATION**

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RECEIVED  
2011 MAR 25 PM 4:05  
PA. P.U.C.  
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 relocation of a portion of the West Hempfield – Manor #2 230 kV Transmission Line. This line relocation is required to accommodate the proposed soil borrow project at the property owned by the Lancaster County Solid Waste Management Authority (“LCSWMA”) in Manor Township, Lancaster County, Pennsylvania. In support of the relocation, 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)  
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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 Owners of Property
- Attachment 7 List of Involved Governmental Agencies, Municipalities, and Other Public Entities.

7. The LCSWMA plans to expand its existing landfill in Manor Township, Lancaster County. PPL Electric's West Hempfield – Manor #2 230 kV Transmission Line presently runs through the central portion of the landfill. In order for the LCSWMA to expand the landfill, the West Hempfield – Manor Line must be relocated to the western portion of the LCSWMA property. The relocation will not change the functionality of the transmission line.

8. The portion of the West Hempfield – Manor #2 230 kV Transmission Line proposed to be relocated is approximately 1.1 miles in length. The West Hempfield – Manor Transmission Line is a single circuit 230 kV line, and the portion of the Line to be relocated will be reconstructed for one circuit.

9. The section of the West Hempfield – Manor Transmission Line that will be relocated is, and will continue to be, located in Manor Township, Lancaster County. The property which presently hosts the portion of the Line to be relocated is owned in part by PPL Electric and in part by the LCSWMA. The Line will be relocated to land owned by the LCSWMA, which has agreed to convey a suitable right-of-way and easement for the Line to PPL Electric.

10. PPL Electric anticipates that the incremental visual impacts of the project will be minimal because the area is already occupied by a large transmission line and a landfill and because surrounding vegetation and the undulating terrain will screen the facilities.

11. The estimated cost to relocate the transmission line is approximately \$1,500,000. The cost will be borne by the LCSWMA. Construction is scheduled to begin in the fall of 2011 in order to meet a required in-service date in the fall of 2012.

## **II. PROJECT SUMMARY**

12. The portion of the West Hempfield – Manor Transmission Line proposed to be relocated is located in Manor Township, Lancaster County. An aerial plot plan is provided in the Attachment 2 Map Pocket as part of this Letter of Notification. The plot plan depicts the existing and proposed locations of the line.

13. The proposed relocation of the West Hempfield – Manor Transmission Line will involve the reconstruction of a 1.1 mile section of the line that presently runs through property owned by the LCSWMA and PPL Electric. The purpose of the proposed reconstruction is to allow the LCSWMA to expand its landfill facilities.

14. The West Hempfield – Manor Transmission Line is presently supported by lattice towers with an average height of 85 feet. Spans average approximately 1400 feet. The circuit is

constructed for one 230 kV circuit. Figure 1 to Attachment 1 of this Letter of Notification provides a one-line diagram of the existing transmission system configuration.

15. Figure 1 to Attachment 1 of this Letter of Notification also shows a one-line diagram of the proposed 230 kV relocation, which would accommodate the soil borrow project at LCSWMA's property but would not alter the functionality of the Line. The relocated portion of the Line will be designed and constructed for single circuit operation.

16. The proposed relocation of the West Hempfield – Manor Transmission Line will require six new transmission poles and associated spans of transmission conductors. Most structures will utilize single-shaft steel poles equipped with upswept steel arms. All proposed poles will be angle tension structures and will be placed on foundations. Structures with the greatest angle tension may be two-pole structures. The six new structures will have an average height of 115 feet. The average span length will be 1,100 feet.

17. The proposed West Hempfield – Manor Transmission Line will have three power conductors and two overhead ground wires. The power conductors will be 795 kcmil (thousands of circular mils)<sup>1</sup> 30/19 stranding ACSR.<sup>2</sup> The overhead ground wires will be 1/2-inch high strength steel and will provide lightning protection for the relocated line.

18. The West Hempfield – Manor Transmission Line relocation will be designed to comply with, and will generally surpass, the applicable minimum standards in the National Electrical Safety Code (“NESC”).

19. The total estimated cost to design and construct the proposed relocation is approximately \$1,500,000. The cost of the project will be borne entirely by LCSWMA.

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<sup>1</sup> A circular mil is the cross-sectional area of a wire one mil in diameter, where 1 kcmil = 0.5067 mm<sup>2</sup>.

<sup>2</sup> Aluminum conductor steel reinforced.

20. Construction on this project is scheduled to begin in the Fall of 2011, in order to meet the required in service date of Fall 2012.

21. The portion of the Line to be relocated is presently in part on land owned in fee by PPL Electric and in part on land owned in fee by the LCSWMA.

22. The proposed relocation of the West Hempfield – Manor Transmission Line will be constructed entirely within land owned by the LCSWMA, which has agreed to convey to PPL Electric a right-of-way and easement appropriate for the Line. PPL Electric will convey land it owns that hosts part of the portion of the Line to be relocated to the LCSWMA.

23. Because the proposed West Hempfield – Manor Transmission Line relocation will be in an area where there is a landfill and a pre-existing large transmission line, as depicted in the aerial plot plan at the end of Attachment 2 to this Letter of Notification, the proposed construction will have minimal incremental impacts on the area. In addition, the undulating terrain and vegetation will screen the facilities.

24. Accompanying this Letter of Notification is a separately bound volume containing Attachments 1-7, which provide additional information about the proposed relocation of the West Hempfield – Manor #2 230 kV Transmission 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**

25. 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)(1)(vi). The proposed relocation of the West Hempfield – Manor #2 230 kV Transmission Line qualifies for

use of a Letter of Notification because the portion of the West Hempfield – Manor Transmission Line to be relocated is less than 2 miles in length.

26. The Necessity Statement for the proposed relocation of the West Hempfield – Manor Transmission Line is provided as Attachment 1 accompanying this Letter of Notification. As explained therein, the purpose of the proposed relocation of the West Hempfield – Manor Transmission Line is to allow the LCSWMA to expand its landfill.

27. The proposed relocation of the West Hempfield – Manor Transmission Line will not create any unreasonable risk of danger to the public health or safety. The West Hempfield – Manor Transmission Line will be designed, relocated, 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.

28. The Engineering Description of the proposed relocation of the West Hempfield – Manor Transmission Line is provided in Attachment 2 accompanying this Letter of Notification.

29. The West Hempfield – Manor Transmission Line will be relocated entirely within property owned by the LCSWMA.

30. No communication towers, pipelines, or other utilities will be affected by the proposed relocation of the West Hempfield – Manor Transmission Line. The nearest airport is approximately 5 miles from the project area. PPL Electric contacted PennDOT Bureau of Aviation and the Federal Aviation Administration to ensure that the proposed relocation of the West Hempfield – Manor Transmission Line will not be a hazard to flight operations. Both PennDOT Bureau of Aviation and the Federal Aviation Administration confirmed that the project will not be a hazard to flight operations.

31. The proposed relocation of the West Hempfield – Manor Transmission Line was reviewed with the Pennsylvania Historical and Museum Commission (“PHMC”). The PHMC determined that the LCSWMA should conduct a Phase I Archeological Survey in the area prior to the initiation of construction. LCSWMA has agreed to undertake such a survey, and PPL Electric will not initiate work until any issue is fully resolved.

32. The proposed relocation of the West Hempfield – Manor Transmission Line will not affect any unique geological, scenic, or natural areas. Further, the West Hempfield – Manor Transmission Line will not cross any wetlands. The relocated line will cross Manns Run three times. The ARM Group has obtained General Permit No. GP053610113 for these crossings and PPL Electric will comply with all conditions placed on this permit. Additionally, PPL Electric will comply with all applicable conditions erosion and sedimentation specifications within LCSWMA’s major permit modification of is Solid Waste Management Permit No. 101389.

33. Tree clearing is required along approximately three quarters of the proposed relocated line route, however the length of the total area in question will be less than 1 mile. 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 clearing this area. .

34. The ARM Group, on behalf of LCSWMA has consulted with state and federal agencies to obtain information regarding endangered and threatened species in close proximity to the proposed relocation of the West Hempfield – Manor line.<sup>3</sup> A review of the Pennsylvania Natural Diversity Inventory (“PNDI”) records indicated that the project could potentially impact the *Glytemys muhlenbergii* (bog turtle) and the *Psuedemys rubriventris* (red-bellied turtle).

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<sup>3</sup> The PNDI Search ID for this project is 20090609196491.

Based on the potential presence of these species, the LCSWMA had surveys in the project area conducted to identify whether these species are present. The surveys determined that these species are not present in the proposed route.

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

36. The proposed relocation of the West Hempfield – Manor Transmission Line was reviewed with representatives of Manor Township and Lancaster County, and neither the Township nor the County has any objection.

37. 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).

38. 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 in newspapers of general circulation in the area of the proposed relocated portion of the West Hempfield – Manor Transmission Line. Such notice will contain: (a) the date this Letter of Notification was filed with the Commission; (b) a brief description of the proposed project and its location; (c) locations where the complete Letter of Notification may be reviewed by the public; and (d) an instruction that any interested parties should contact the Commission at its Harrisburg address.

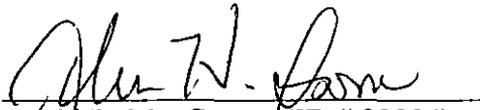
39. This Letter of Notification is filed on the date set forth below. As provided in 52 Pa. Code § 57.72(d)(5), the Commission will review and, by order, approve or disapprove this Letter of Notification. If the Commission approves this Letter of Notification, the proposed

relocation of a portion of the West Hempfield – Manor Transmission Line will be constructed 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 relocation of a portion of the West Hempfield – Manor #2 230 kV Transmission Line in Manor Township, Lancaster County, Pennsylvania, that is explained above and in the Attachments hereto.

Respectfully submitted,



David B. MacGregor (ID # 28804)  
Post & Schell, P.C.

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Of Counsel:  
Post & Schell, P.C.

Date: March 25, 2011

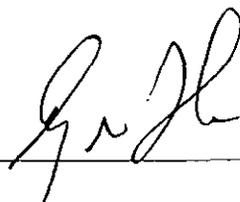
Attorneys for PPL Electric Utilities Corporation

**VERIFICATION**

:

I, Gregory N. Dudkin, being the Senior Vice President – Operations for 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: 3/17/11

  
\_\_\_\_\_