



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

---

Andrew S. Tubbs

atubbs@postschell.com  
717-612-6057 Direct  
717-731-1985 Fax  
File #: 2507/140066

January 19, 2010

BY HAND

James J. McNulty  
Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street, 2nd Floor North  
PO 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 Siegfried-Jackson #1 138 kV Line, the Monroe-Jackson #1 & #2 138 kV Lines in Jackson Township, Monroe County, Pennsylvania - Docket No. A-2010-**

---

Dear Secretary McNulty:

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 exhibits and appendices which are contained in a separately-bound volume.

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

Respectfully Submitted,

Andrew S. Tubbs

AST/jl

Enclosures

cc: Certificate of Service

ALLENTOWN HARRISBURG LANCASTER PHILADELPHIA PITTSBURGH PRINCETON WASHINGTON

A PENNSYLVANIA PROFESSIONAL CORPORATION

6711816v1

RECEIVED  
2010 JAN 19 PM 4:28  
SECRETARY'S BUREAU  
PA PUD

**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-2010-  
Respect To The Siegfried-Jackson #1 138 :  
kV Line, the Monroe-Jackson #1 & #2 138 :  
kV Lines in Jackson Township, Monroe :  
County, Pennsylvania :

**RECEIVED**  
**2010 JAN 19 PM 4:28**  
**PA PUC**  
**SECRETARY'S BUREAU**

**LETTER OF NOTIFICATION**

**TO: THE PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**I. INTRODUCTION**

This Letter of Notification is filed by PPL Electric Utilities Corporation (“PPL Electric”), pursuant to 52 Pa. Code § 57.72(d)(1), to request the Pennsylvania Public Utility Commission’s (“Commission”) approval: (1) to remove the existing 138/69 kV McMichaels Tap<sup>1</sup> from the Jackson-Stroudsburg 138/69 kV Line and terminate the McMichaels Tap into a new 138 kV line bay position at the Jackson 138-69 kV Substation; (2) to re-terminate the existing Monroe-Jackson 138 kV Line to a new line bay position in the expanded Jackson 138 kV yard;<sup>2</sup> and (3) to re-terminate the Jackson-Stroudsburg 138/69 kV<sup>3</sup> Line from its 69 kV line bay position into a new 138 kV line bay position. The creation of this double-circuit 138 kV path will also convert the existing Jackson-Stroudsburg 138/69 kV line from 69 kV to 138 kV operation.<sup>4</sup> The new

---

<sup>1</sup> The McMichaels Tap will be renamed the Siegfried-Jackson #1 138 kV Line.

<sup>2</sup> The Monroe-Jackson 138 kV Line will be renamed the Monroe-Jackson #1 138 kV Line.

<sup>3</sup> The Jackson-Stroudsburg 138/69 kV Line will be renamed the Monroe-Jackson # 2 138 kV Line.

<sup>4</sup> The establishment of the expanded Jackson Regional Substation and the re-termination of the Siegfried-Jackson #1 138 kV Line and the Monroe-Jackson #1 and #2 138 kV Lines and the upgrade of the Jackson-Stroudsburg 138/69 kV line from 69 kV to 138 kV operation are referred to below collectively as the “Project.”

line connections identified above will be approximately 1,210 feet, 440 feet, and 295 feet in length, respectively.

The project is part of PPL Electric's plans to convert the transmission system in the Southern Pocono area from 69 kV to 138 kV operation by November 2010. Converting the existing 69 kV facilities, in this area, to 138 kV operation is part of PPL Electric's overall long-term plan to relieve the heavily loaded transmission system in the Southern Pocono region. Increasing the operating voltage from 69 kV to 138 kV will double the capacity of the existing transmission lines and enable PPL Electric to continue to provide reliable electric service to its customers without establishing additional major transmission corridors. The project is located in Jackson Township, Monroe County, Pennsylvania.

The entire Project will be located on land already owned by PPL Electric. No land will have to be purchased, and no new rights-of-way will be obtained for the Project. Due to the presence of other transmission facilities in the area, it is anticipated that the Project will have minimal impacts on the area. The estimated cost of the transmission line work associated with the Project is approximately \$830,000. Work on this project is scheduled to begin in March, 2010, in order to support the project's in-service dates of November, 2010.

## **II. PROJECT SUMMARY**

1. The Project is located entirely in Jackson Township, Monroe County. An aerial plot plan is provided in the map pocket at the end of Exhibit B to this Letter of Notification. The plot plan depicts the location of the existing and proposed facilities.

2. The proposed Project will re-terminate three single-circuit transmission lines from the 69 kV yard to the 138 kV yard at the existing Jackson Substation. These re-terminations will connect existing transmission lines to 138 kV bay positions at the Jackson 138-69 kV Substation.

- a) Siegfried-Jackson #1 138 kV Transmission Line: A new line section will be constructed to connect the existing McMichaels 138/69 kV Tap to a new 138 kV bay position at the Jackson Substation. This new line section will be approximately 1,210 feet in length and constructed for single-circuit 138 kV operation. Constructing this line will require the installation of approximately five single-shaft steel poles. The poles will average approximately 75 feet in height. The conductors will be 556.5 kcmil (thousand circular mils), 24/7 stranding, ACSR (aluminum conductor steel reinforced). The ground wire will be 3/8-inch diameter high strength steel. This line will be renamed the Siegfried-Jackson #1 138 kV Transmission Line.
- b) Monroe-Jackson #1 138 kV Transmission Line: A second new line section will be constructed to connect the existing Monroe-Jackson 138 kV Transmission Line to a new 138 kV bay position at the Jackson Substation. This new line section will be approximately 440 feet in length and constructed for single-circuit 138 kV operation. Constructing this line will require the installation of one single-shaft steel pole. The pole will be approximately 65 feet in height. The conductors will be 556.5 kcmil, 24/7 stranding, ACSR. The ground wire will be 3/8-inch diameter high strength steel. This line will be renamed the Monroe-Jackson #1 138 kV Transmission Line.
- c) Monroe-Jackson #2 138 kV Transmission Line: The final new line section will be constructed to connect the existing Jackson-Stroudsburg 138/69 kV Transmission Line to an existing 138 kV bay position at the Jackson Substation. This new line section will be approximately 295 feet in length and constructed for single-circuit 138 kV operation. Constructing this line will not require the installation of new transmission poles. The existing steel poles will be utilized to support the line. The conductors will be 556.5

kcml, 24/7 stranding, ACSR. The ground wire will be 3/8-inch diameter high strength steel. This line will be renamed the Monroe-Jackson #2 138 kV Transmission Line.

Creating this double-circuit 138 kV path will also require conversion of the Jackson-Stroudsburg 138/69 kV line from 69 kV to 138 kV operation. The Jackson-Stroudsburg 138/69 kV consists of 556 ACSR conductor. Raising the operating voltage from 69 kV to 138 kV on one 556 ACSR circuit will double its capacity from a winter normal rating of 111 MVA to a winter normal rating of 222 MVA, which will enable the circuit to meet increased electric demand without establishing additional major transmission line corridors.

3. The Project is necessary for two reasons. First, it is required to avoid the interruption of 230 MW of load or approximately 55,000 customers, for extended periods of time, in the event of the loss of the Monroe-Jackson 138 kV Line or the Monroe 230-69 kV Transformer #2 during winter peak load conditions. The occurrence of one of these events would result in an overload of the Siegfried-Jackson 138 kV Line and low voltage on the 69 kV lines served from Jackson Regional Substation which would violate PPL Electric's Reliability Principles and Practices. Second, the Project is necessary as part of PPL Electric's long-term plan to increase reliability and resolve load and low voltage issues in Southern Pocono area by converting the existing 69 kV facilities to 138 kV.

4. The Siegfried-Jackson #1 138 kV Line and the Monroe-Jackson #1 and #2 138 kV Lines will be designed to comply with and will generally surpass the applicable minimum standards in the National Electric Safety Code ("NESC").

5. The estimated cost of the transmission line work, including the design and construction of the Siegfried-Jackson #1 138 kV Line and the Monroe-Jackson #1 and #2 138 kV

Lines is \$830,000. The total project costs approximately \$3.38 million, which includes the costs of the modification to the Jackson 138-69 kV Substation.

6. Construction is scheduled to begin in March 2010 to support the project's in-service date of November, 2010.

7. The Project will be located entirely on land that already is owned by PPL Electric. As a result of this fact, coupled with the short lengths of the connecting lines associated with the Project and the presence of existing transmission facilities, it is anticipated that the Project will have minimal incremental impacts on the area.

8. Accompanying this Letter of Notification is a separately bound volume containing Exhibits A – C and Appendices A – C, which provide additional information about the Project. This Letter of Notification and accompanying Exhibits and Appendices, which are incorporated herein by reference, contain all the information required by 52 Pa. Code § 57.72(d)(4).

### **III. THE APPLICANT**

9. The name and address of the Applicant are:

PPL Electric Utilities Corporation  
Two North Ninth Street  
Allentown, PA 18101

10. PPL Electric is a Pennsylvania corporation, which provides electric transmission, distribution and provider of last resort electric supply services, subject to the Commission's regulatory jurisdiction, to approximately 1.4 million customers in all or portions of twenty-nine counties in eastern and central Pennsylvania.

11. The names, addresses and telephone numbers of PPL Electric's attorneys are:

David B. MacGregor, Esquire  
Post & Schell, P.C.  
Four Penn Center  
1600 John F. Kennedy Boulevard

Philadelphia, PA 19103-2808  
Phone: 215.587.1197  
Fax: 215.587.1444  
E-mail: dmacgregor@postschell.com

John H. Isom, Esquire  
Andrew S. Tubbs, Esquire  
Post & Schell, P.C.  
12th Floor  
17 North Second Street  
Harrisburg, PA 17101-1601  
Phone: 717.612.6032  
Phone: 717.612.6057  
Fax: 717.731.1985  
E-mail: jisom@postschell.com  
E-mail: atubbs@postschell.com

Paul E. Russell, Esquire  
Associate General Counsel  
PPL Services Corporation  
Two North Ninth Street  
Allentown, Pennsylvania 18101  
Phone: 610.774.4254  
Fax: 610.774.6726  
E-mail: perussell@pplweb.com

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

#### **IV. LETTER OF NOTIFICATION**

13. 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 Project qualifies for use of a Letter of Notification because it will be constructed entirely on property that presently is owned by PPL Electric and because the Project will be less than two miles in length.

14. The Necessity Statement for the Project is provided as Exhibit "A" in the Exhibits and Appendices accompanying this Letter of Notification. As explained in greater detail there,

the purpose of the Project is to improve the reliability of service by avoiding conductor overload and low voltage conditions in the Southern Pocono area.

15. In determining the need for the Project, no other reasonably economical functional alternatives were identified that would completely resolve the reliability problems identified above. PPL Electric has determined that the conversion of the transmission system in the Southern Pocono area from 69 kV to 138 kV by November 2010 is required to prevent transmission line overloads and low voltage issues from occurring under certain contingency conditions. PPL Electric's long range plan involves the establishment of a double-circuit 138 kV path from Monroe to Jackson to Siegfried Regional Substations. Raising the operating voltage of the existing Jackson-Stroudsburg 138/69 kV line from 69 kV to 138 kV will double the capacity of the existing transmission lines, thereby enabling it to meet increased electric demand without establishing additional major transmission corridors. This conversion will expand the existing 138 kV system for improved reliability for customers in the Southern Pocono area and increased operating flexibility for the electric facilities connecting the Monroe, Jackson, and Siegfried Regional Substations.

16. The proposed Project will not create any unreasonable risk of danger to the public health or safety. The Project will be designed, constructed, 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 Appendix A hereto.

17. The Engineering Description of the Project is provided in Exhibit "B" in the Exhibits and Appendices accompanying this Letter of Notification.

18. The proposed Project will be located entirely on land that is owned by PPL Electric. Consequently, no additional land or rights-of-way need to be acquired for the Project.

19. Visual impacts of the Project are expected to be minimal and incremental based on the fact that the connecting lines associated with the Project are being re-terminated from a 69 kV bay position to a 138 kV bay position. In addition, the connecting lines will be only between 1,210, 440, and 295 feet in length, and will require a total of six new structures and will be in the vicinity of existing transmission facilities.

20. No communication towers, pipelines or other utilities will be affected by the Project. The nearest airport is approximately 6.9 miles from the Project. PPL Electric will file the appropriate documentation with both the Federal Aviation Administration and the PennDOT Bureau of Aviation to ensure that the proposed Project will not be a hazard to flight operations.

21. This Project was reviewed with the Pennsylvania Historical and Museum Commission (PHMC). The PHMC has determined that, “there are no National Register eligible or listed historic or archaeological properties in the area of this proposed project” (File No. ER 2009-1966-089-A). Therefore, there are no anticipated impacts to these resources and no further investigations are required.

22. The proposed Project will not affect any unique geological, scenic, or natural areas.

23. No national natural landmarks, parks, recreational facilities or natural areas are located near the project area. The Project will not cross any wetlands or other aquatic resources. PPL Electric will employ its “Specification for Soil Erosion and Sedimentation Control on Transmission Line Rights-of-Way” as appropriate.

24. No tree clearing is required for the Project.

25. PPL Electric has coordinated with different state and federal agencies to obtain information regarding endangered and threatened species in close proximity to the project area. A review of the Pennsylvania Natural Diversity Inventory (PNDI) records indicates that there are no potential impacts for species of special concern and resources within, or in close proximity to, the project area.

26. The Project was reviewed with representatives of Jackson Township and Monroe County. The Township and the County have no objection to the Project.

27. Appendix B in the Exhibits and Appendices accompanying this Letter of Notification explains PPL Electric's standards for Magnetic Field Management.

28. Appendix C accompanying this Letter of Notification contains a list of the involved governmental agencies, municipalities and other public entities.

29. Copies of this Letter of Notification are being served on the agencies listed in Appendix C in accordance with 52 Pa. Code § 57.72(d)(3).

30. 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 Project. Such notice will contain: (a) the date this Letter of Notification was filed with the Commission; (b) a brief description of the Project and its location; (c) locations where the complete Letter of Notification may be reviewed by the public; and (d) an instruction that the interested parties should contact, within 15 days, James J. McNulty, Secretary, at the Commission's Harrisburg address.

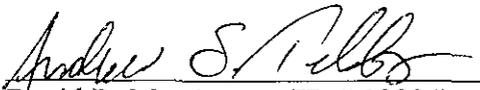
31. This Letter of Notification is filed on the date set forth below. As provided in 52 Pa. Code § 57.72(d)(5), the Commission will review and, by order, approve or disapprove this Letter of Notification. If the Commission approves this Letter of Notification, the proposed Project will

be constructed as proposed herein without the formal application process set forth at 52 Pa. Code §§ 57.71 *et seq.*

V. CONCLUSION

WHEREFORE, PPL Electric Utilities Corporation respectfully requests that the Pennsylvania Public Utility Commission approve the siting and construction of the Siegfried-Jackson #1 138 kV Line and the Monroe-Jackson #1 & #2 138 kV Lines in Jackson Township, Monroe County, Pennsylvania, that is explained above and in the Exhibits and Appendices hereto.

Respectfully submitted,



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

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.com

John H. Isom (ID # 16569)  
Andrew S. Tubbs (ID # 80310)  
Post & Schell, P.C.  
17 North Second Street  
12<sup>th</sup> Floor  
Harrisburg, PA 17101-1601  
Phone: 717-731-1970  
Fax: 717-731-1985  
E-mail: jisom@postschell.com  
E-mail: atubbs@postschell.com

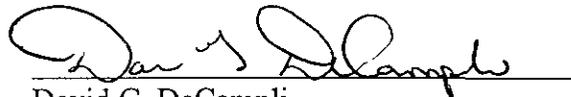
Of Counsel:  
Post & Schell, P.C.

Date: January 19, 2010

Attorneys for PPL Electric Utilities Corporation

## VERIFICATION

I, David G. DeCampli, being the 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.

  
David G. DeCampli

**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, Second Floor  
400 North Street  
Harrisburg, PA 17120-0053  
Attn: Mr. Douglas C. McLearen, Chief

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

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

Monroe County Planning Commission  
1 Quaker Plaza, Room 106  
Stroudsburg, PA 18360  
Attn: John Woodling, Executive Director

Monroe County Commissioners  
1 Quaker Plaza Room 201  
Stroudsburg, PA 18360  
Attn: Suzanne McCool, Chairman

Jackson Township Supervisors  
PO Box 213  
Reeders, PA 18352  
Attn: Jacks Rader, Jr., Chairman

Jackson Township Planning Commission  
PO Box 213  
Reeders, PA 18352  
Attn: Jeff Thomas, Chairman

Date: January 19, 2010

  
Andrew S. Tubbs

RECEIVED  
2010 JAN 19 PM 4:28  
PA PUC  
SECRETARY'S BUREAU