

**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application Of PPL Electric Utilities :  
Corporation Under 15 Pa.C.S. §1511(c) For A :  
Finding And Determination That The Service :  
To Be Furnished By The Applicant Through : Docket No. A-2014-\_\_\_\_\_  
Its Proposed Exercise Of The Power Of :  
Eminent Domain To Acquire Right-of-Way :  
And Easement Over A Certain Portion Of The :  
Lands Of Paul D. Bias and Michelle Bias In :  
Brecknock Township, Lancaster County, :  
Pennsylvania For Siting And Construction Of :  
Transmission Lines Associated With The :  
Proposed North Lancaster-Honey Brook :  
Project Is Necessary Or Proper For The :  
Service, Accommodation, Convenience Or :  
Safety Of The Public :

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**APPLICATION OF  
PPL ELECTRIC UTILITIES CORPORATION**

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**TO THE PENNSYLVANIA PUBLIC UTILITY COMMISSION:**

PPL Electric Utilities Corporation (“PPL Electric”) herein files this Application, pursuant to 15 Pa.C.S. §1511(c), for a finding and determination that the service to be furnished through its proposed exercise of the power of eminent domain to acquire right-of-way and easement over a certain portion of the lands of Paul D. Bias and Michelle Bias in Brecknock Township, Lancaster County, Pennsylvania for the siting and construction of transmission lines associated with the proposed North Lancaster-Honey Brook Project is necessary or proper for the service, accommodation, convenience, or safety of the public. In support of this Application, PPL Electric states as follows:

**I. INTRODUCTION**

1. This Application 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 as follows:

PPL Electric Utilities Corporation  
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 Application.

4. PPL Electric is a corporation organized and existing under the laws of the Commonwealth of Pennsylvania. It was duly formed by consolidation and merger, having received Letters Patent dated June 4, 1920, from the Governor of the Commonwealth of Pennsylvania. PPL Electric is now subject to the Pennsylvania Business Corporation Law of

1988, P.L. 1444, No. 177, Section 103, *as amended*, 15 Pa.C.S. §§ 1101 *et seq.* (“BCL”). PPL Electric submits this Application pursuant Section 1511 of the BCL, 15 Pa.C.S. § 1511.

5. 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.

6. 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.

7. Upon Commission approval, PPL Electric proposes to construct the North Lancaster-Honey Brook Project to resolve reliability and planning violations and to improve reliability of service for approximately 32,000 customers in Honey Brook and Caernarvon Townships in Chester, Berks, and Lancaster Counties. To accomplish this, PPL Electric proposes to construct the North Lancaster-Honey Brook #1 & #2 138/69 kV Transmission Lines in Lancaster County. The new of new double-circuit 138/69 kV transmission line will extend approximately 8.0 miles between the Lauschtown 500-230-69 kV Substation in Brecknock Township and the South Akron-Morgantown #2 Transmission Line located in Caernarvon Township.

8. Upon completion, the North Lancaster-Honey Brook Project will bring a new alternate source of supply closer to the growing load centers, and reduce the line length and

loading on the existing 138/69 kV lines serving the area. The proposed transmission line also will provide an alternative source of power to the eastern Lancaster County, southwestern Berks County and western Chester County areas in the event that the normal sources are interrupted, which will improve power restoration times and provide operating flexibility and improved reliability for customers in the region. The North Lancaster-Honey Brook Project will reduce the number of customers affected by a single facility outage, as well as the duration of the outage.

9. A certain portion of the selected route for the proposed North Lancaster-Honey Brook Project will traverse a portion of the land owned by Paul D. Bias and Michelle Bias in Brecknock Township, Lancaster County. By this Application, PPL Electric is requesting a finding and determination that the service to be furnished through its proposed exercise of the power of eminent domain to acquire a right-of-way and easement over a certain portion of the lands of Paul D. Bias and Michelle Bias for the construction of transmission lines associated with the North Lancaster-Honey Brook Project is necessary or proper for the service, accommodation, convenience, or safety of the public.

10. Contemporaneously with this Application, PPL Electric is filing the “Application of PPL Electric Utilities Corporation filed Pursuant to 52 Pa. Code Chapter 57, Subchapter G, for Approval of the Siting and Construction of the North Lancaster-Honey Brook #1 & #2 138/69 kV Transmission Lines in Lancaster County, Pennsylvania” (“Siting Application”). Therein, PPL Electric is requesting approval to site and construct the proposed North Lancaster-Honey Brook #1 & #2 138/69 kV Transmission Lines.

11. With the Siting Application, PPL Electric filed Attachments 1 through 16 and PPL Electric Statement Nos. 1 through 5, which provide additional detailed information regarding the North Lancaster-Honey Brook Project.

12. A complete copy of the North Lancaster-Honey Brook Project Siting Application and supporting Attachments and testimony have been served on Paul D. Bias and Michelle Bias. The North Lancaster-Honey Brook Project Siting Application and supporting Attachments and testimony are incorporated herein by reference.

13. Accompanying this Application is PPL Electric Statement No. Bias-1, Direct Testimony of JoMarie Jenkins, together with PPL Electric Exhibit Nos. JJ-Bia-1 through JJ-Bias-5. This testimony and the supporting exhibits describe the proposed North Lancaster-Honey Brook Project, summarize the need for the Project, summarize PPL Electric's process to site the transmission lines associated with the Project, describe the property of Paul D. Bias and Michelle Bias in Brecknock Township, Lancaster County, Pennsylvania, and describe PPL Electric's proposed right-of-way and easement over said property.

## **II. NEED FOR THE PROJECT**

14. All of the local transmission lines that serve the approximately 32,000 customers in Honey Brook and Caernarvon Townships in Chester, Berks, and Lancaster Counties are currently operated at 69 kV. The current configuration of PPL Electric's transmission system in the area consists of long transmission line lengths between regional substations.

15. The source of electric power to the eastern Lancaster County, southwestern Berks County and western Chester County areas currently is provided by a non-BES transmission substations, the South Akron 230-69 kV Substation. Presently, the only transmission sources serving these areas are provided by the South Akron-Morgantown #1, #2, and #3 69 kV Transmission Lines. A description of the existing facilities is provided Attachment 2 to the North Lancaster-Honey Brook Siting Application.

16. There are no other alternate sources of supply to the distribution system serving the eastern Lancaster County, southwestern Berks County and western Chester County areas.

17. Load growth in the in eastern Lancaster County, southwestern Berks County and western Chester County areas has been significant. In addition, this region also is experiencing significant industrial development that could result in an acceleration of load growth and demand on the electrical system serving the area.

18. The long, heavily loaded South Akron-Morgantown #1, #2 & #3 69 kV circuits have a history of extended outages. For each of these events, service to customers could have been restored more quickly if an alternative transmission supply line had been available.

19. The current configuration of PPL Electric's transmission system in the eastern Lancaster County, southwestern Berks County and western Chester County areas consists of long, heavily-loaded transmission lines between regional substations. As a result, it is not practical under emergency situations to restore interrupted load through line transfers between the transmission lines

20. Using its transmission system planning process, PPL Electric projects that a double-circuit outage of the South Akron-Morgantown #2 & #3 69 kV circuits would result in a violation of the system planning and reliability criteria set forth in PPL Electric's Reliability Principles and Practices ("RP&P") if the system serving the eastern Lancaster County, southwestern Berks County and western Chester County areas is not reinforced.

21. This violation is expected because the existing transmission system in the region does not have sufficient capacity to restore load interrupted under contingency situations within acceptable limits as specified within the RP&P guidelines. Given the load growth in the area,

PPL Electric anticipates that the severity of this violation will continue to increase each year if the transmission system serving the region is not reinforced.

22. A further description of PPL Electric's transmission planning process, the identified violations, and the need for the North Lancaster-Honey Brook Project is provided in Attachment 2 to the North Lancaster-Honey Brook Siting Application.

### **III. DESCRIPTION OF THE PROPOSED PROJECT**

23. The North Lancaster-Honey Brook Project is required to reinforce the 69 kV systems serving the eastern Lancaster County, southwestern Berks County and western Chester County areas and resolve the identified reliability criteria violations by bringing a new source of supply closer to the growing load centers. The North Lancaster-Honey Brook Project will reduce the number of customers affected by a single facility outage, as well as the duration of the outage.

24. The Lauschtown 500-230-69 kV Substation will provide a new source of supply to the eastern Lancaster County, southwestern Berks County and western Chester County areas. The Lauschtown 500-230-69 kV Substation is a new substation that is being constructed as part of a separate project required by and approved by PJM to resolve violations of the mandatory federally-approved NERC reliability standards.<sup>1</sup> Use of the new Lauschtown 500-230-69 kV Substation as the source of supply for the proposed North Lancaster-Honey Brook Project avoids the need to locate and construct a separate new substation where one does not presently exist.

25. The proposed North Lancaster-Honey Brook #1 & #2 138/69 kV Transmission Line will extend approximately 4.2 miles southeast from the Lauschtown 500-230-69 kV Substation in Brecknock Township to the existing Brecknock 69-12 kV Substation in Brecknock

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<sup>1</sup> The Lauschtown 500-230-69 kV Substation and associated transmission lines are the subject of a separate filing that will be filed with the Commission in the near future.

Township, where it will interconnect with the existing South Akron – Morgantown #1 69 kV circuit. This segment of the line will be constructed as a double-circuit 138 kV transmission line that initially will operate at 69 kV until load growth in the area makes it appropriate to increase the operating voltage.

26. From the Brecknock 69-12 kV Substation in Brecknock Township, the proposed North Lancaster-Honey Brook #1 & #2 138/69 kV Transmission Line will proceed approximately 3.8 miles southeast to the South Akron-Morgantown #2 Transmission circuit located in Caernarvon Township. This segment of the line will be constructed as a double-circuit 138 kV transmission line, but initially will operate as a single-circuit 69 kV transmission line until load growth in the area makes it appropriate to increase the operating voltage and add the second circuit.

27. An area map depicting the proposed facilities for the North Lancaster-Honey Brook Project is provided in PPL Electric Exhibit JJ-Bias-1.

28. A detailed explanation of the selection of the siting analysis and selection of the preferred routes is provided in Attachment 4 to the North Lancaster-Honey Brook Siting Application.

#### **IV. HEALTH AND SAFETY**

29. The proposed North Lancaster-Honey Brook Project will not create any unreasonable risk of danger to the public health or safety. The above-described transmission work for the North Lancaster-Honey Brook Project 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.

30. The engineering description of the North Lancaster-Honey Brook Project is provided in Attachment 5 to the North Lancaster-Honey Brook Siting Application. Descriptions of the NESC standards, PPL Electric's design criteria, and PPL Electric's safety practices are provided in Attachment 13 to the North Lancaster-Honey Brook Siting Application.

31. Attachment 11 accompanying the North Lancaster-Honey Brook Siting Application explains PPL Electric's standards for Magnetic Field Management. As explained therein, PPL Electric will construct the proposed 138/69 kV transmission line for conductor-to-ground clearances that are a minimum of five feet higher than the required NESC minimum conductor-to-ground clearance for 138/69 kV lines. The implementation of additional modifications will be considered, provided those modifications can be made at low or no cost.

32. The segment of the proposed transmission line extending between the Lauschtown 500-230-69 kV Substation and Brecknock 69-12 kV Substation will be constructed as a double-circuit transmission line. PPL Electric will reverse phase this segment of the North Lancaster-Honey Brook #1 & #2 138/69 kV Transmission Line to minimize the potential for exposure to electric and magnetic fields.

33. From the Brecknock 69-12 kV Substation to the South Akron-Morgantown #2 Transmission circuit, the proposed transmission line will operate as a single-circuit transmission line until load growth in the area makes it appropriate to and add the second circuit. Since this segment of the proposed transmission line initially will operate as a single-circuit, reverse phasing is not feasible at this time. Where it is feasible to do so at low or no cost, PPL Electric will select a phasing arrangement for this segment of the proposed transmission line that lowers the magnetic field. In the future, when a second circuit is added, PPL Electric will select the best

circuit/phase arrangement to reduce the potential exposure to electric magnetic fields where it is feasible to do so at low or no cost.

**V. PROPERTIES FOR WHICH CONDEMNATION IS SOUGHT**

34. A portion of the selected route for the North Lancaster-Honey Brook Project crosses a certain tract of land, the legal description of which is provided in PPL Electric Exhibit No. JJ-Bias-2. However, PPL Electric has been unable to acquire the proposed a right-of-way and easement for the proposed line through negotiations with the property owner. Accordingly, PPL Electric herein files this Application for a finding and determination, pursuant to 15 Pa.C.S. § 1511(c), that the service to be furnished through PPL Electric's proposed exercise of the power of eminent domain for the North Lancaster-Honey Brook Project is necessary or proper for the service, accommodation, convenience, or safety of the public.

35. The name and post office address of the owners of said land are: Paul D. Bias and Michelle Bias, 215 Boulder Hill Road, Mohnton, Pennsylvania 19540.

36. PPL Electric has attempted to purchase a right-of-way and easement over a portion of said tract of land for the purposes described above but, to date, has been unable to reach any agreement with the property owner.

37. PPL Electric desires to acquire a right-of-way and easement over the aforesaid land for the construction, operation, and maintenance of the proposed segment of line for the transmission of electric energy for light, heat, and power. A legal description of the property over which PPL Electric proposes to acquire a right-of-way and easement is provided in PPL Electric Exhibit No. JJ-Bias-3. A copy of the plan showing the tract of land subject to the proposed right-of-way and easement is provided in PPL Electric Exhibit No. JJ-Bias-4.

38. The property sought to be acquired in this Application does not include property used as a burying ground, place of public worship, a dwelling house, or any part of the reasonable curtilage appurtenant thereto.

**VI. THE REQUIREMENTS FOR CONDEMNATION HAVE BEEN SATISFIED**

39. No other public utility is now furnishing or has the corporate authority and certificate to furnish the same service as, or service similar to, that which PPL Electric will furnish by means of the transmission line to be constructed in the proposed right-of-way and easement over the land to be acquired as set forth in this Application.

40. The service to be furnished by PPL Electric through the proposed transmission line and related facilities is necessary or proper for the service, accommodation, convenience, or safety of the public for the reasons set forth in this Application and in the North Lancaster-Honey Brook Siting Application filed contemporaneously herewith.

41. Appropriate resolutions were adopted by PPL Electric's Board of Directors authorizing and directing this Application. A copy of the applicable resolutions is provided in PPL Electric Exhibit No. JJ-Bias-5 and is made a part hereof.

**VII. CONSOLIDATION OF RELATED PROCEEDINGS**

42. Contemporaneously herewith, PPL Electric filed the North Lancaster-Honey Brook Project Siting Application with the Commission. Therein, PPL Electric is requesting approval to site and construct the North Lancaster-Honey Brook Project, including the portion of the proposed transmission line that is the subject of this Application. Issues relating to the necessity for North Lancaster-Honey Brook Project are interrelated with this Application.

43. In accordance with the requirements of 52 Pa. Code §57.75(i)(2), PPL Electric is serving a complete copy of the North Lancaster-Honey Brook Project Siting Application, together with the accompanying Attachments, upon Paul D. Bias and Michelle Bias, who owns the property that PPL Electric seeks to acquire by the exercise of the power of eminent domain.

44. In addition to this Application, PPL Electric also is separately filling two other Condemnation Applications, pursuant to 15 Pa.C.S. § 1511(c), for findings and determinations that the service to be furnished through its proposed exercise of the power of eminent domain to acquire rights-of-way and easements over certain tracts of land for the proposed North Lancaster-Honey Brook Project is necessary or proper for the service, accommodation, convenience, or safety of the public. Issues relating to the need for these condemnations are interrelated with this Application.

45. In addition, following the announcement of the proposed North Lancaster-Honey Brook Project, PPL Electric was served with the following complaints related to the siting and construction of the North Lancaster-Honey Brook #1 & #2 138/69 kV Transmission Lines:<sup>2</sup>

- Scott Klemas v. PPL Electric Utilities Corporation, Docket No. C-2012-2300834 (Served via Secretarial Letter dated Apr. 27, 2012)
- Phares Hurst v. PPL Electric Utilities Corporation, Docket No. C-2012-2301873 (Served via Secretarial Letter dated May 2, 2012)
- Merle and Sharon Eberly v. PPL Electric Utilities Corporation, Docket No. C-2012-2304738 (Served via Secretarial Letter dated May 17, 2012)
- Audrey Imhoff v. PPL Electric Utilities Corporation, Docket No. C-2013-2343022 (Served via Secretarial Letter dated Jan. 14, 2013)

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<sup>2</sup> PPL Electric filed motions in each of the complaint proceedings requesting that the complaints be held in abeyance pending the submission by PPL Electric of an appropriate filing seeking approval of the siting and construction of the North Lancaster-Honey Brook Project so that the related proceedings can be consolidated and considered together, and so that the proceedings can be adjudicated in an efficient manner on a complete record and with consistent results.

- Randolph and Terri Kring v. PPL Electric Utilities Corporation, Docket No. C-2013-2343256 (Served via Secretarial Letter dated Jan. 15, 2013)

46. Pursuant to 52 Pa. Code § 57.75(i)(1), PPL Electric requests that these related proceedings be consolidated for purposes of hearings, if necessary, and decision. PPL Electric will file an appropriate motion to consolidate these proceedings once all docket numbers have been assigned.

### **VIII. CONCLUSION**

WHEREFORE, PPL Electric Utilities Corporation respectfully requests that the Pennsylvania Public Utility Commission: (1) consolidate this Application for approval of the exercise of the power of eminent domain with the North Lancaster-Honey Brook Project Siting Application and the two other Condemnation Applications contemporaneously filed herewith; (2) consolidate this Siting Application with the five complaints pending at Docket Nos. C-2012-2300834, C-2012-2301873, C-2012-2304738, C-2013-2343022, and C-2013-2343256; and (3) find and determine that the service to be furnished by PPL Electric Utilities Corporation through the proposed exercise of the power of eminent domain, as set forth above, is reasonably necessary or proper for the service, accommodation, convenience, or safety of the public.

Respectfully submitted,

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Dated: June 27, 2014

Attorneys for PPL Electric Utilities Corporation

**VERIFICATION**

I, Matthew B. Green, being the Director - Engineering at 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 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: 6/25/14

Matthew B. Green