

## SUMMARY

This Application is submitted by PPL Electric Utilities Corporation (PPL EU) pursuant to the Pennsylvania Public Utility Commission's (PUC or Commission) regulations at 52 Pa. Code §§ 57.71 through 57.77. In this Application, PPL EU seeks the Commission's approval for the siting and construction of the Coopersburg #1 & #2 138/69 kV Transmission Tap Line. The proposed line route is located in Upper Saucon Township, Lehigh County, and Springfield and Richland Townships, Bucks County.

The proposed double circuit line is approximately 7.09 miles long and will replace an existing 75-plus year-old transmission line. The new line will connect PPL EU's Coopersburg 69 – 12 kV Substation located in Upper Saucon Township with the 69 kV transmission line serving Quakertown Borough's 69 – 12 kV Substation in Richland Township. The estimated cost of this project is \$13.1 million. Construction of this project will begin as soon as possible to support an in-service date of May 2009.

The proposed transmission line is required to maintain electric service to customers during maintenance or unscheduled outages of interconnected electric facilities. The existing line is no longer sufficient to support continued reliability of service under all system operating conditions. The proposed transmission line is the first part of an overall reinforcement of the electrical system in southern Lehigh, northern Bucks, and Northampton Counties.

This document, which describes the need for the project and discusses the engineering and siting analysis for the proposed construction, consists of the following exhibits and appendices:

Exhibit "A" – Necessity Statement

Exhibit "B" – Study Area Environment

Exhibit "C" – Siting Analysis

Exhibit "D" – Engineering Description

Appendix A	Environmental Inventory Guidelines
Appendix B	Exhibit “B” Bibliography
Appendix C	Governmental Agencies, Municipalities, and Other Public Entities Contacted
Appendix D	Wildlife and Plant Survey Report
Appendix E	Historical Sites in Bucks and Lehigh Counties
Appendix F	List of Property Owners Within the Proposed Right-of-Way
Appendix G	Local, State, and Federal Governmental Agency Requirements
Appendix H	PPL EU Design Criteria and Safety Practices
Appendix I	PPL EU Magnetic Field Program
Appendix J	List of Governmental Agencies, Municipalities and Other Public Entities Receiving Applications