

SUMMARY

This Letter of Notification is being submitted by PPL Electric Utilities Corporation (“PPL Electric”) pursuant to the Pennsylvania Public Utility Commission’s (“Commission”) regulations at 52 Pa. Code §§ 57.71 through 57.77 for approval to reconstruct the single-circuit Martins Creek – Siegfried #2 230 kV Transmission Line. This transmission line is being reconstructed as part of PPL Electric’s Vintage Conductor Program, which was developed to address aged, deteriorated facilities within PPL Electric’s system. Most of the facilities in the Vintage Conductor Program were constructed between the mid-1920s and the late 1930s. The Martins Creek – Siegfried #2 230 kV Transmission Line was constructed in 1926. The Vintage Conductor Program is further described in Attachment 1.

The Martins Creek – Siegfried #2 230 kV Project described herein, the fifth filing for the Vintage Conductor Program, will rebuild approximately 10.7 miles of the single-circuit transmission line. The portion of the transmission line that PPL Electric proposes to rebuild begins at the Siegfried Substation located along West 27th Street in Northampton Borough and extends to the last structure in Northampton County before the line turns east, located just south of State Game Land 168 and the Moore Township boundary. The Project will be contained within the existing PPL Electric right-of-way that traverses portions of Moore Township, Lehigh Township and Allen Township in Northampton County, Pennsylvania. Like the existing line, the rebuilt line will be designed and constructed for one 230 kV circuit.

The reconstruction of this transmission line will include the removal of the existing lattice towers and conductors, which will be replaced with new single shaft steel poles, conductors, insulators and overhead ground wire. The new single shaft steel poles will be placed in approximately the same location as the existing lattice towers where practical. No new rights-of-way will be required because the proposed line will be rebuilt within the existing PPL Electric right-of-way.

The total estimated cost of the proposed transmission work is \$17,100,000. This project has a scheduled construction start date of September 2012, in order to meet an in-service date of November 2013. PPL Electric is proposing an in-service date of November 2013 in order to coordinate this project, the other Vintage Conductor Program projects, and system reinforcement projects planned for the eastern region of the PPL Electric territory. Also, all construction projects must be coordinated with Transmission Operations and PJM system operations to minimize any adverse impacts of line outages, which these projects require, on service to PPL Electric customers.

This document, which describes the need for the project and explains the engineering and siting analysis for the proposed construction, consists of the Letter of Notification and the following attachments:

Attachment "1"	Necessity Statement
Attachment "2"	Engineering Description
Attachment "3"	Siting Analysis and Environmental Assessment
Attachment "4"	PPL Electric Design Criteria and Safety Practices
Attachment "5"	PPL Electric Magnetic Field Management Program
Attachment "6"	List of Involved Governmental Agencies, Municipalities, and Other Public Entities
Attachment "7"	List of Owners of Property within the Existing Right-of-Way

PPL ELECTRIC UTILITIES SERVICE TERRITORY

