

EXECUTIVE SUMMARY

This filing is submitted by PPL Electric Utilities Corporation (PPL Electric) pursuant to the Pennsylvania Public Utility Commission's (PUC or the Commission) regulations at 52 Pa. Code §§57.71 through 57.77 for PUC approval to site and construct a new 5.7 mile long Effort Mountain #1 & #2 138 kV Tap Transmission Line located in Chestnuthill and Polk Townships, Monroe County. This Application is being filed at this time to accommodate commencement of construction in October 2010 with an in service date of November 2011.

This project is required to alleviate load and voltage concerns on two distribution circuits from PPL Electric's existing Meckesville 69-12 kV Substation. The Meckesville 69-1 and Meckesville 69-2 12 kV lines have overloaded or will overload their normal planning guidelines by the fall of 2011. A new Effort Mountain 138-12 kV Substation is proposed to alleviate these concerns. It will be supplied from the proposed Effort Mountain #1 & #2 138 kV Taps. Initially one 138 kV circuit will be installed and operated for 4.6 miles of the selected route, but it will be designed for a second 138 kV circuit to meet future load growth. The remaining 1.1 miles will be constructed for double circuit 138 kV with one side operating at 138 kV and the other side operating at 12 kV. PPL Electric needs approval for the siting and construction of a double circuit transmission line tap. The estimated cost to site, design and construct these overhead transmissions facilities is \$5,721,000.

The organization of this document, which describes the need for the project and discusses the engineering and siting analysis for the proposed construction, is shown in the Table of Contents.

PPL ELECTRIC UTILITIES SERVICE TERRITORY

