








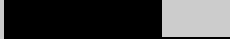


UNDERGROUND TRANSMISSION (P36) SUPPLEMENTAL PROJECTS

Condition Assessment of Underground Transmission Laminar Dielectric Cables






Objective 	The objectives of this project are to enable the industry to better understand cable aging mechanisms and end-of-life criteria to assess cable insulation condition and remaining life and to develop a common approach to assess condition of underground transmission laminar dielectric cables and demonstrate the approach on participant's cable circuits.		
Value 	The results of the investigation would help to improve the reliability of the cable systems, reduce operation and maintenance costs, and develop a replacement strategy		
Schedule 	18 months	Price \$	Project Scope Specific, SDF Qualifies
Contact 	Tom Zhao, (704) 595-2535, tzhao@epri.com		
			 Beginning

Safety by Design for Transmission Lines and Transmission and Distribution Substations






Objective 	The objective of this project is to provide education, documents, and tools for implementing Safety by Design concepts on transmission lines and distribution (T&D) substations.		
Value 	This project intends to provide the following benefits: provide information, tools, and guidelines to help reduce accidents, injuries, and fatalities, raise the level of awareness and use of the Safety by Design concepts in T&D, improve safety and reliability by cultivating discussions to capture and share helpful practices from the field. This project will allow for quicker and easier adoption of Safety by Design in T&D projects and leverage technology to better incorporate safety into designs.		
Schedule 	24 months	Price \$	\$30k, SDF qualifies
Contact 	Robert Haromszeki, (650) 855-1050 rharomszeki@epri.com		
			 Underway

UNDERGROUND TRANSMISSION (P36) SUPPLEMENTAL PROJECTS

Evaluation of Options for Transmission Pipe-Type to Extruded Dielectric Cable Conversion

Objective 	Pipe-type cable systems make up the majority of installed base in North America, many approaching end of life. Strategies to replace the existing paper insulated cables while re-using the existing pipe were developed by previous EPRI projects, and options and potential challenges investigated. This project is to evaluate available solutions and provide results to guide in selecting options for conversion from pipe-type paper-insulated cables in the steel pipe to extruded dielectric cables.		
Value 	Development and testing of cable design concepts will provide options to replace the paper-insulated cables in the steel pipe with reduced costs in materials, construction, and installation. Implementation of such concepts would improve underground transmission system reliability.		
Schedule 	24 months	Price 	\$100k, SDF Qualifies <div style="display: flex; justify-content: space-between; width: 100px;"> <div style="width: 20px; height: 10px; background-color: black;"></div> <div style="width: 20px; height: 10px; background-color: gray;"></div> <div style="width: 20px; height: 10px; background-color: white;"></div> </div> Beginning
Contact 	Tom Zhao, (704) 595-2535, tzhao@epri.com		

EPRI U for Transmission

Objective 	The objective of this project is to provide high-quality, foundational technical training for engineers, as well as a system of record for both the utility and the individual.		
Value 	EPRI intends to offer high-quality training material to better meet the needs of utilities by providing instruction on a variety of transmission-related topics. Professional development hours granted upon completion of the training will help engineers meet requirements for their certifications and career advancement.		
Schedule 	Annual membership	Price 	\$5k-\$35k, SDF qualifies <div style="display: flex; justify-content: space-between; width: 100px;"> <div style="width: 30px; height: 10px; background-color: black;"></div> <div style="width: 30px; height: 10px; background-color: gray;"></div> <div style="width: 30px; height: 10px; background-color: white;"></div> </div> Underway
Contact 	Robert Haromszeki, (650) 855-1050 rharomszeki@epri.com		