

Kerite Cable Services Project Profile

Project	Taconic Parkway Crossing Replacement
Client	New York State Electric and Gas
Location	Martindale, New York
Cable Design	115 kV, 2000kcmil CU: 3 Phase — High Voltage Cable 138 kV, 1500kcmil CU: Spare — High Voltage Cable
Length	800 Circuit feet and Spare Installed
Subcontractors(s)	Welsbach Electric Corporation
Scope	Emergency replacement of self-contained fluid filled (SCFF) 115kV cable system. Drained and disposed of oil in existing cables. Removed and disposed of existing SCFF cables and gravity feed oil reservoirs. Cleaned, swabbed and mandrel existing ducts. Retrofitted and reinforced existing steel structures to accept new terminations and arrestors. Pulled five cables of various lengths and conductor size to create an 800 ft. circuit length with spare phase, through existing duct bank. Performed a jacket test on each length of cable. Installed eight high voltage cable terminals, one hand taped splice, cable shield ground equipment, eight arrestors, and fabricated eight bus bar connections between arrestors and terminations. Upon completion of the installation a final system DC-High Pot acceptance test was conducted.



Four complete GW terminations.



Removal of Self Contained Fluid Filled Cable.