

SEATTLE CITY LIGHT UNIVSERITY SUBSTATION 115kV CABLE BUS REPLACEMENT PROJECT

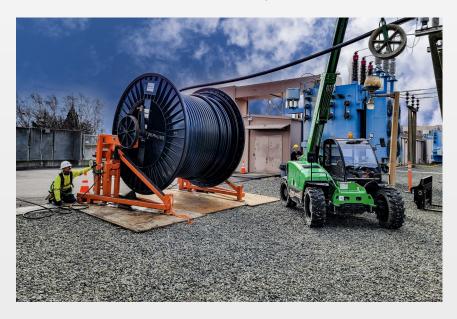
Project Summary

Seattle City Light needed to replace the 115kV underground cable ring bus at University substation for higher ampacity. The existing aluminum cable rated at 1500 A (double run per phase) was replaced

with the new XLPE cable rated at between 1750A or higher (combined ampacity of both runs per phase). New terminations were installed; while the new cables used the existing concrete encased duct.

Burke Electric Scope

- Removal of the existing cable
- Supplied and pulled new cable, single conductor with XLPE insulation suitable for installation in 5" duct bank nominal 115 kV system
- Installation of this cable was conducted by utilizing Burke owned equipment capable of handling reels in excess of 50,000# and over 14' in diameter
- Prepared the cable, supplied and installed new cable terminations
- Provided cable support structure
- · Installation supervision support was provided by Burke



Burke Electric Project Personnel

Tim Harper, General Foreman Pete Kelly, Project Manager Dominic Burke, COO



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Equipment and Systems Overview

- ■Single Conductor XLPE
- Duct Bank
- ■115kV Nominal System
- Cable Support Structure

Offeror Role

Prime Contractor

Contract Amount & Type

\$500,122-firm fixed price

Owner / Customer Information

City of Seattle Seattle City Light Department PO Box 94687 Seattle, WA 98124-4687 Lisa Tran, Project Manager 206.684.4515, lisa.tran@seattle.gov

Project Start and Finish Dates

11/23/20-11/25/20

Project Location 3829-6th Ave NE Seattle, WA 98105