

Middletown \ Norwalk Transmission Line Project
CSC Monthly Construction Report
UI Segment 3 and Singer Substation
September 2008

UNDERGROUND

115kV Interconnections

The 115kV cables have been installed, spliced and terminated from Singer Substation to Bridgeport Energy and Pequonnock Substation. The installation of the 13.8kV station service underground cable from Pequonnock Substation to Singer Substation has been completed and energized. The 115 kV cables are in the process of being tested and will continue during the month of October.

345kV Duct Bank

The following are 100% completed:

- Installation and proofing of 345kV duct bank
- Installation of all 345kV splice chambers, tie-ins and fiber optic boxes
- Installation of all 345kV cables
- 35 of 36 345kV cable splices are completed

The following will continue during the month of October:

- Testing and commissioning of the 345kV cables
- Final road and premise restoration in Bridgeport and Stratford
- 1-345kV cable splice and the installation of the fiber optic cables

SUBSTATION

Installation of the control cables and terminations within the GIS hall and control room was completed. Field testing of the transformers, shunt reactors and GIS equipment continued and will continue until final completion. The 115kV cable terminations to the 115kV GIS were completed. The 345kV cable terminations were completed in September. The installation of the structural steel for the grating platforms around the transformers and shunt reactors along with the installation of the deluge system was completed. Installation of sidewalks and curbing around the site commenced and is 99% complete. The landscaping of the property has commenced and is scheduled to be finished in early October.



Outdoor 345kV GIS Equipment



Landscaping along Henry Street

Pequonnock

Installation of control cables from 115kV GIS LCC into the control building was completed. Final paving over 115kV duct bank in "Old," Henry Street was completed. Inner ducts for communication cables were installed from Pequonnock Substation into Singer; fiber optic cable installation has been completed as well.

Bridgeport Energy

Testing from 115kV GIS equipment to the GIS LCC was completed. Inner ducts and fiber optic communication cables were installed, terminating and commissioning of the fiber has been completed.