

Con Edison ASTORIA WEST & QUEENSBRIDGE SUBSTATION FEEDER PROTECTION



PROJECT NAME: Con Edison
Feeder Protection

PROJECT ADDRESS: New York, NY

PROJECT DESCRIPTION:

The RCMT team provided the electrical design and engineering for the feeder relay protection upgrades at the Astoria West and Queensbridge substations.

The intent of this project was to replace the first and second line feeder relays (HCD relay system) and four feeders between the Astoria West and Queensbridge substations.

This design was fully integrated with the substations' existing systems including the following: feeder protection, breaker controls, alarms and monitoring, DC system, and AC system. This project met all of the requirements of Con Edison's "Phase 1 Program to Replace HCB/Toll Grade Relay Systems".

Key Project Elements:

- Detailed Engineering and Design
- Review of Manufacturer Certified Drawings
- Construction Support