



NYCT Construction Management Services for Traction Power 3000KVA Sub-Station Replacement

The substation consists of 27KV incoming power from Con-Edison, switchgear, 3000KVA transformer 27KV/635 Volt secondary, 3000KW rectifier to 635 AC input and 545 Volt DC output, and is located 25 feet below ground and directly feeds the rails via 2000KCMIL cables. Rehabilitation work includes removal of all existing equipment switchgear, transformer rectifier and cables, and replacing with new similar units. Auxiliary power is supplied via Con-Edison 208V separate feed for fans, pumps, lighting and small power. Substation is protected by Fire Alarm and security door latches and controlled from the main control room located at Kew Gardens, 15 miles away.

Location:

70th Ave., Queens, NY

Owner:

NYCT

Services Provided:

Construction Management



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