



RAW WATER & CLEAR WATER ELECTRICAL SUB-STATION UPGRADES
TOWN OF OSWEGO
JUNE 2022

The Electrical Sub-Station Improvements project began in January of 2020 and was completed in June of 2021. The project accomplished the replacement of critical electrical equipment at two high-voltage (115 kV and 34.5 kV) electrical substations serving Onondaga County Water Authority's Lake Ontario water treatment plant, Raw Water and Clear Water Pumping Stations.

These facilities were originally constructed in 1967 and successfully served the facilities past their expected useful life expectancies. This project provided long term power system resiliency while also establishing standby generation with a capacity of up to 27 MGD for operational resilience.



OCWA
Central New York's Water Authority
Electrical Substation Improvements

The work included two new 1750-kW diesel-fueled standby generators, a 450-kW natural gas standby generator, the replacement of disconnects, circuit breakers, surge arresters and medium-voltage switchgear and rehabilitation of existing substation transformers.

Questions or concerns can be addressed to Andrew Weiss at 315-455-7061 x 3108, or ajweiss@ocwa.org, or at the address above.