



UNIT 5 GIS SUBSTATION INSTALL

CLIENT - PSEG Power LLC
LOCATION - Bridgeport, CT
COMPLETED - March 2019

DESCRIPTION

Matrix NAC was awarded the installation of new 345kV GIS equipment to add 485MW of efficient generating capacity to Connecticut's southwestern region, powering more than 500,000 homes and businesses with clean, sustainable energy. The installation included the below-grade conduit and grounding as well as providing temporary power support to the project.

The new gas-insulated substation was constructed for the new power plant. Eight existing 115kV transmission and associated distribution lines feeding the existing Pequonnock substation were relocated to connect to the new substation. The new GIS substation is located on approximately two acres of vacant land inside the existing PSEG Power Bridgeport Harbor site.

Matrix NAC was able to mitigate schedule

impacts of owner-supplied material, weather-related delays, and accessibility to a highly congested project site while still completing the GIS phase of the project on schedule and safely without injury or incident.

PRINCIPAL FEATURES

- Peak person-power of 16
- Approximately 7,200 person-hours
- Installed 345kV GIS circuit breakers
- Installed 345kV GIS disconnect switches
- Installed 35,000' of cable
- Achieved aggressive schedule dates
- Awarded 2019 ZISA Bronze Star

FOR MORE INFORMATION:

matrixnac.com | 866 367 6879

