

**Fishkill Correctional Facility
New Emergency Generator
Beacon, New York**

Owner: NYS Department of Correctional Services

Total Construction Cost: \$250,000.00

Professional services for electrical engineering and design for upgrading of 2.4KV electrical service for the powerhouse/heating plant and for design of a 500KW emergency generator system. The powerhouse had reached its electrical capacity limits and required an upgrading of the main incoming services, which included an outdoor pad-mounted transformer installation and new low voltage switchgear inside of the building. The 500KW emergency generator system was designed to accommodate the increased electrical loads which have been added to the powerhouse. Both portions of the project were designed on a fast track basis due to the emergency nature of the Facility's requirements.

The construction bidding documents were prepared within a period of less than two weeks.



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