



Mount Sinai Medical Center Emergency Generator Phase I

PROJECT INFORMATION

CONCORD DIVISION

Commissioning

PROJECT LOCATION

New York, NY

MARKET

Healthcare

SERVICES

Commissioning

REFERENCE

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PROJECT SUMMARY

Concord Engineering Group (CEG) was hired as the third-party commissioning agent by Mt. Sinai for the Emergency Power Upgrade to the main campus. This project is the first phase of a multi-phase project to increase the backup power necessary for critical system operation during power outages as well as increasing the amount of emergency power for cooling the hospital during long term outages.

PROJECT HIGHLIGHTS

- The project includes four (4) 1500kW Diesel Generators mounted within pre-packaged enclosures on the roof of the hospital. In conjunction, the project included significant electrical infrastructure upgrades to facilitate the project including the addition of a new Automatic Transfer Switch (ATS) for the Chiller System.
- This new ATS can be used in both Emergency Power Conditions and Demand Management Operation to participate in the Demand Response program with the utility.
- Concord Engineering was contracted to perform commissioning services from late in the design phase through the functional testing process. The project took 28 months to execute due to COVID-19 and the long equipment lead times.