



City of Hoboken Distributed Energy Resource Microgrid Feasibility Study

PROJECT INFORMATION

CONCORD DIVISION

Power & Infrastructure

PROJECT LOCATION

Hoboken, NJ

MARKET

Government

SERVICES

Feasibility Study

REFERENCE

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PROJECT SUMMARY

The City of Hoboken awarded Concord Engineering the contract to perform a Town Center Distributed Energy Resource (TCDER) Microgrid Feasibility Study.

With the events of Hurricane Sandy in mind, the City is taking a proactive approach to ensure the safety and well-being of the city's residents in the future. With the help of a federal grant, Sandia National Laboratories was enlisted to determine infrastructure improvements, such as a City Microgrid that could provide resilient power for critical facilities. Hoboken's efforts in this area contributed to the decision by the New Jersey Board of Public Utilities (NJBPU) to address 'resilient microgrid' in the New Jersey Energy Master Plan.

PROJECT HIGHLIGHTS

- Completed town center distributed energy resource (TCDER) microgrid feasibility study
Examined the potential of connecting a combination of privately and publicly owned critical facilities to a TCDER microgrid that will have a source of power in the event the electric grid is down.
- Microgrid will serve a total of 29 city, public & private buildings.