



Eglin Air Force Base Distributed Generation & Resiliency

PROJECT INFORMATION

CONCORD DIVISION

Power & Infrastructure

PROJECT LOCATION

Valparaiso, FL

MARKET

Government

SERVICES

Design Engineering

CONSTRUCTION COST

\$15 Million

ABOUT THE CLIENT

Located on the Florida Gulf Coast, Eglin AFB is a mission critical facility for munitions testing for the United States Air Force.



PROJECT SUMMARY

Concord was the Engineer of Record for developing design concepts, scopes of work and design drawings to allow design+build contractor pricing for an extensive distributed generation project with multiple natural internal combustion gas engines incorporated into a number of new microgrids configured within the existing base electrical distribution system.

PROJECT HIGHLIGHTS

- Concord delivered a project scope of work describing a collaborative design+build approach across all stakeholders including the project owner, Eglin AFB personnel, the local electrical distribution company and the D+B contractor.
- Project included (3) natural gas fueled reciprocating engine generator packages configured for chilled water heat recovery and four simple cycle engine packages to be dispatched based on day ahead pricing.
- Resiliency options include the use of automated load shedding switchgear and battery energy storage/UPS systems for seamless microgrid operation.