



Signature Project

Energy - Emergency Diesel Generators

Martin Emergency Standby Diesel Generators

Schedule:

Project Start: 12/2005
Project Complete: 04/2006

OCI Role:

Engineering, Procurement,
Construction (EPC) and
Startup

Technology / Fuel:

Safe Shutdown Diesel
Generators

Project Manager:

Randy Paulson
919-462-7412
paulsondr@bv.com

For more information on how
OCI can provide effective
project execution and
innovative solutions to meet
your challenges, please
contact:

Stan Turner
678-806-1029
turners@bv.com

Chad Pulley
913-458-4527
pulleycr@bv.com

Indiantown, Florida

Florida Power & Light Company

In 2005, Overland Contracting, Inc. (OCI) was contracted by Florida Power & Light Company (FPL) to design the installation, install and startup two owner furnished 2,250 kW Caterpillar diesel generators along with their associated medium voltage switchgear and tie-in equipment at the Martin combined-cycle power facility located in Indiantown, Fla. These two units are an integral part of a new automated safe shutdown system for FPL's Unit 8, 4 on 1 combined-cycle plant. The contract structure for the work was EPC and OCI self-performed all services.

OCI's scope of work included the following:

- Foundation and underground utilities design for the diesel generators, paralleling switchgear and transformers.
- Design and installation of the electrical cable and raceway design, including underground and overhead raceway systems, grounding, lighting and lightning protection.
- Design and installation of the fuel oil supply system from the existing tank to the new units.
- Installation, startup and testing. Startup and testing was performed over a 10-1/2 day spring outage allowing the successful completion of the project in accordance with FPL's schedule.

