



Signature Project

Energy - Simple Cycle Generation

Trimble County Units CT5 Through CT10

Schedule:

Commercial Operation:
CT5 - CT6: 04/2002
CT7 - CT8: 03/2004
CT9 - CT10: 05/2004

OCI Role:

Engineering, Procurement,
and Construction (EPC),
Startup, and Operator
Training

Technology:

- GE 7241FA Combustion
Turbines
- Evaporative Inlet Cooling
Systems

Project Manager:

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For more information on how
OCI can provide effective
project execution and
innovative solutions to meet
your challenges, please
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Bedford, Kentucky Louisville Gas & Electric

In 2000, Overland Contracting, Inc. (OCI) was selected by Louisville Gas & Electric (LG&E) as the EPC contractor to construct a new 340MW simple cycle peaking power facility located at the LG&E Trimble County Generating Station. The first phase included the installation of two new General Electric (GE) model PG7241 FA Combustion Turbine Generators (CTG), units CT5 and CT6, equipped with evaporative inlet cooling systems in a simple-cycle arrangement.

Again in 2002, OCI was selected as the EPC contractor to construct an additional 680MW simple cycle peaking power facility at LG&E's Trimble County Generating Station. Four General Electric (GE) Model PG7241 FA CTG's, units CT7 through CT10, equipped with evaporative inlet cooling systems were installed.

OCI engineered, furnished, installed and commissioned all required balance-of-plant equipment. Included in OCI's scope were onsite portions of the fuel gas system, equipment foundations, site preparation, interconnecting piping, cable and raceway, and fire protections systems. OCI also installed and commissioned GE's scope of supply in accordance with GE's documentation and direction including receipt, inventory, storage and heavy hauling.

Units CT5, CT6, CT7 and CT8 were completed one month ahead of schedule. Units CT9 and CT10 were completed two weeks early. All units were completed within budget and with a completely satisfied client.

