



CLIENT: CHEVRON NIGERIA LIMITED

PROJECT OVERVIEW:

This project seeks to upgrade the Power generation capability and controls to accommodate anticipated electrical load increases due to the expansion of the Lekki estate. The upgrade was in fact to dismantle the existing generators and add 3 x 2.25 kVA, 11KV generators working as standby units to the public utility power generation while maintaining the existing estate ring main system.

The work scope includes but is not limited to the following:

- Detailed engineering design for the construction (Civil & Electrical).
- Procurement and/or fabricate all materials and equipment to complete the work scope:
 - 3# 1.8 MW diesel engine generators,
 - 1# 11 kV switchgear
 - UPS
 - Generator / switchgear building
 - PLC based control system
 - Day tank
 - Cables, and other electrical, instrument and structural materials
- Construction and Installation of all materials and equipment to enable system work to intent.
- Testing, Pre-commissioning and Commissioning.
- As-built documentation.

STATUS

Completed 2006.