



Renovation of Azadi Substation (132/33/11 kV, 3x63 MVA), Erbil – Kurdistan Region, Iraq

Order Description: Design, Manufacturing, Supply, Civil Work, Removal of Existing Damaged Equipment, Installation, Testing, Commissioning

Client: Kurdistan Regional Government, Ministry of Electricity

Volume: 3.9 million Euro

Period: 2008 – 2009

- Scope of Work:**
1. 33kV indoor-type metalclad switchgears:
 - 1.1. Three transformer incoming feeders.
 - 1.2. Three capacitor bank feeders.
 - 1.3. Two bus section switchgears.
 - 1.4. Three bus bar voltage transformer.
 - 1.5. Six under ground cable out going feeders.
 - 1.6. Nine over head out going feeders.
 2. 11kV indoor type metalclad switchgears:
 - 2.1. Three transformer incoming feeders.
 - 2.2. Three auxiliary transformer incoming feeders.
 - 2.3. Two bus section switchgears.
 - 2.4. Three bus bar voltage transformer.
 - 2.5. Eighteen overhead out going feeders.
 3. 132kV, 33kV and 11kV energy meter panels.
 4. Replacement of all control auxiliary cable cables between the new equipments (switchgears and metering panel) with existing panels (control panel, protection panel, AC distribution panel, DC distribution panel...etc.).
 5. Provision of all equipment necessary to connect new equipment with old existing equipments.
 6. Provision of all necessary adapting MV cable and control cable and supports and other accessories.