

- Project:** UNDP–Electricity Network Rehabilitation Programme
- Capacity:** 3 x 29 MW Diesel power plants
- Location:** Northern Governorates of Iraq, Dohuk (4 x 7.25 MW), Erbil (4 x 7.25 MW), Sulaimaniyah (4 x 7.25 MW)
- Time :** September 2000 to September 2001 as well as 24 months warranty period
- Client:** UNDP – Electricity Network Rehabilitation Programme Northern Iraq
- Services:** Management and supervision services for construction, electro-mechanical erection and commissioning as well as warranty period
- Details:** Erection / commissioning supervision of electro-mechanical and civil works as well as warranty services during 24 month warranty period. Power plants included extensive LV and 11 kV switchgear installation and cable laying works for connection to existing 11/33/132 kV substations.
- Investigations concerning problems with grouting of engines, bearing damages on four engines and frequent shut-downs due to earth-fault alarms during commissioning
- Investigations concerning problems with excessive diesel fuel temperatures in summer, elastic couplings between engine and generator, including correction of design deficiencies and training of local site supervision engineers, quality assurance, claim management

