

CASE STUDY (ZAHO 200 BED GENERAL HOSPITAL)

Where:

North Iraq Zaho 200 Bed General Hospital

What:

5 units RP 1500 model generator set, 1360 kVA Prime powered by a Perkins 4012-46TAG1A engine and Synchronization System



Purpose:

To provide backup to the grid power supply required by the building for the functioning of lighting, air conditions, lifts and all pumps during the 24 opening hours daily, and also after-hours emergency signage and lighting requirements



Primary choice factors:

Reliability of product, impressive track record with client, low noise levels

ZAHO, NORTH IRAQ — 5 x 1360 kVA prime powered with Perkins 4016-46TAG1A engine and Stamford alternator THE POWERHOUSE Power Generation sets individually housed in enclosure.

TPH's scope of supply included the supply and installation of the generating sets including 1 nos. 5000 Amp. Dual Feeder panel, 2 nos. 5000 Amp. ATS panel, automatic fuel filling system, main and daily fuel tanks, remote monitoring and control system.



For automatic synchronising, load sharing and load management control system incorporated Deepsea 8610&8860 control system with 10000A common bus