

Market Segment: Infrastructure

POWER PROFILE

Kubd Waste Water Treatment Plant and Jahra Pumping Stations

Specification & Scope:

- Six Cat ® Generator Sets Model C175, Prime Rating - 2700 kVA / 2160 eKW, 11kV, 50 Hz, 1500 RPM.
- Off Engine mounted, Vertical type, Electrical motor driven Radiator for C175, 2700 KVA Generator Sets.
- Generator Sets Control & Synchronization Panel.
- Neutral Earthing System including Three motorized switches and One Neutral earthing resistor.
- 11 KV Emergency Generator sets Switchgear including Three Generator Set Incoming feeders, Two Outgoing feeders and One Bus PT Panel.
- Fuel Transfer system including: Day Fuel Tank of 8 hours capacity, Two Electrical fuel transfer pumps, One Electrical fuel transfer pump panel & One Fill point panel.



CUSTOMER

Mushrif Trading & Contracting
Co. (KSCC)

LOCATION

Kubd & Jahra, Kuwait

CUSTOMER BUSINESS ISSUE

Electric power generation source for the Standby Power supply for treatment of the Municipal waste water received from the Jahra Pumping Station and the required treated effluent for a minimum average daily flow of 180,000m³/day.

SOLUTION

6 Nos. CAT C175 (2160kW) Generators and Accessories to provide Standby Power.

YEAR: 2010

CAT DEALER

Al-Bahar, Kuwait