

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, 50Hz, 1500 RPM.

Off Engine mounted, Vertical type, Electrical motor driven Radiator for C1
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 180,000 m³/day.

SOLUTION

6 Nos CAT C175 (2160 kW)
Generator and Accessories to
provide Standby power.

CAT DEALER

Al-Bahar, Kuwait