



MTU 16V4000 G63 COMPLETE PLANT.

HWM 2200-TS Package

15 Units

40 ft. containers

MTU 16V4000 G63 engines

Currently installed

2307 KVA prime power

2546 KVA Standby power

Built in 2017/18

400 Volt

3 phase

50 Hz

Engine

MTU 16v400G63 Exhaust optimized Engine

Speed 1500rpm

Starting System 24 volt with Optima yellow top batteries/isolators

Engine governor ADEC

Alternator ECO46 2L/4A with MALIX excitation



Control Panel ASS with free issue ComAp IG-NTC-BB +InterVision S component.

Radiator TENCO Group 30m/s reduced airflow monitorized with Electric powered cooling fan

Air circuit breaker panel 4 pole Schneider NW4A motorized H2 breaking capacity with Micrologic 6.0A trip

Engine Heater Thermostatically controlled 9kw 400v 3ph water jacket heater with circulation pump including Auto Electric Lube pump set mounted 2000 amp neutral earthing contactor with CT

Fuel return cooler, centrifugal oil filter (MTU) and primary water separator, Buxton Transformers qty. 7 GBE oil immersed breathing step up power with oil and copper windings 3 phase 400-33kv 50 Hz

Buxton HV switchgear container

Purpose built 40ft container with heating, lighting and power installed lined with rock wool insulation. Panels includes high level louver with fan and low level louver for natural air flow

Split into 2 sections with a control room and 33kv ABB ring safe switchgear

Buxton control system full spec on request

Fuel Tanks

4 x fuel tanks @ 40,000L double skinned DD50 Fuel polishing system/bund alarm and controls

1 Qty, 20,000 fuel tank, double skin DD50 fuel polishing system, bund alarm, overfill alarm and contents gauge with adjustable free level alarm