

119 MW Used HFO - Diesel Power Plant (Wartsila 7x18V46)

Complete equipment packaged for 119 MW HFO Diesel Power Plant
7 x Wartsila 18V46 HFO diesel Generators with all auxiliaries.

- Manufacturer: Wartsila
- Dismantled: in 2017
- Capacity: 119 MW
- Application: HFO Diesel Generators

- Plant was delivered by Wartsila in year 2002,
- Operation started in 2003
- Dismantled: in 2017
- Running Hours 60 000 hour
- Delivery contains complete functioning power plant equipment with 110 kV switch yard equipment.

Main plant characteristics at ISO conditions:

Power output ISO from alternators: 119 MW at 110 kV / 50 Hz

Engines: 7 x 18V46 - 500 rpm

Alternators: ABB AMG 1600 SS12 DSEB self-cooled, brushless,
synchronous

Power factor: 0.8

Alternator efficiency: 0.97 (at rated output, 50 Hz and power factor 0.8)

Voltage: 11 000 V, with adjustment range +5 - 10%

Frequency: 50 Hz +/-5%

Fuel consumption gross: 8290 - 8330 kJ/kWh (43.4 to 43.2 % efficiency)

Lube oil consumption: 0.7 g/kWh

Cooling system: Closed loop radiator cooling

Fuel Oil: HFO viscosity max 380 cSt / 50 °C

Location: On Request

Price: On Request