

THE FOLLOWING HFO FIRED POWER PLANT IS AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:

1 No. – 119 MW WARTSILA (2010) make HFO fired Power Plant comprising of 7 Nos. 17,550 kW each W18V46 HFO fired Generator Sets, having the Following Technical Specifications:

TECHNICAL DETAILS:

ENGINE DETAILS

Make	:	WARTSILA
Year of Make	:	2010
Type	:	W18V46
Rated Output	:	17,550 kW
No. of Unit	:	7
Speed	:	500 RPM
Running Hours	:	50,000 Hrs. Major Maintenance has been undertaken as per OEM Requirements.
Fuel Consumption	:	215 ml/kWh
PLC Version	:	MODICONE

GENERATOR DETAILS

Make	:	ABB
Year of Make	:	2010
Rated Output	:	21,345 kVA
No. of Unit	:	7
No of Pole	:	12
Insulation Class	:	F

BALANCE OF PLANT

Lube Oil Separator	:	Westfalia OSE 40-0196-067,
Capacity	:	5000 d m ³ /h
Exhaust Gas Boiler	:	Aalborg, Finland
Type	:	UNEX H.4U

Unit Type	:	Vertical Fire Type
Steam Production Capacity	:	2,550 kg/h
Auxiliary Boiler	:	Aalborg, Finland
Type	:	BH-3000L
Steam Production Capacity	:	3,000kg/h
Starting Air Compressor	:	Sperre- HL 2/140
Working Pressure	:	22
Capacity	:	108 m3/hr
Instrument Air Compressor	:	Atlas Copco GA 18+
Working Pressure	:	7
Transformer: Type	:	E-TR 40/50 , EE-TR 65/75
Capacity	:	50 MVA(2), & 75 MVA(1)
Phases	:	3
Primary Voltage	:	11KV
Secondary Voltage	:	132KV
Rated Output (primary)	:	2624.40 Amp & 3936.59 Amp
Rate Output (secondary)	:	218.70 Amp & 328.05 Amp
Auxiliary Transformer	:	Type: BS-171/IEC-76
Capacity	:	1.50 KVA
Phases	:	3
Primary Voltage	:	11KV
Secondary Voltage	:	415 Volt
Rated Output (primary)	:	78.73 Amp
Rate Output (secondary)	:	2086.86 Amp
HFO Separator	:	Westfalia OSE-80-0136-067
Capacity	:	15,400 L/hr.
HFO Transfer Pump Unit		
Pump Capacity	:	32. 6 m3/hr
HFO/LFO Feeder Unit		
HFO Pump Capacity	:	30m3/hr.
LFO Pump Capacity	:	34 m3/hr
Tank Yard	:	LFO
Storage Tank	:	50 m3
Lube Oil Tank	:	30m3
Used Lube Oil	:	15 m3
Service Lube Oil Tank	:	20 m3
Oily Water Buffer Tank	:	30 m3
Sludge Tank	:	30m3

HFO Transfer Pump/LFO Transfer Pump/LO Transfer Pump/Used LO Transfer Pump-
IMO, Finland

Switchyard

Indoor MV Switchgear : AREVA 4,000 Amp VCB

Indoor LV Switchgear : ABB 250 Amp ACB

Outdoor Switchgear : ABB 2,000 Amp SF6

PHOTOS:







ENGINE BOTTOM VIEW



ENGINE ROOM BOTTOM FLOOR
(ENGINE STARTING AIR COMPRESSOR AND AIR RECEIVER)



ENGINE ROOM TOP FLOOR



ENGINE ROOM MIDDLE FLOOR



ALTERNATOR



EXHAUST GAS FUNNEL



EXHAUST GAS BOILER



AUXILIARY BOILER



SWITCH-YARD



HIGH VOLTAGE CABLE ROOM



ENGINE ROOM



LO SEPARATOR



HFO SEPARATOR



CONTROL ROOM



SWITCHGEAR ROOM



TANK AREA



JETTY



RADIATOR