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**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 : 16  
Insulation Class : F

**BALANCE OF PLANT**

Lube Oil Separator : Westfalia OSE 40-0196-067,  
Capacity : 5000 d m<sup>3</sup>/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:**





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