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

**1 No. - 94 MW CHP Natural Gas fired Engine based Power Plant, having the following technical specifications:**



**For 2x 8.73 MW engine, 36.000 h overhaul will be done by Wartsila.**

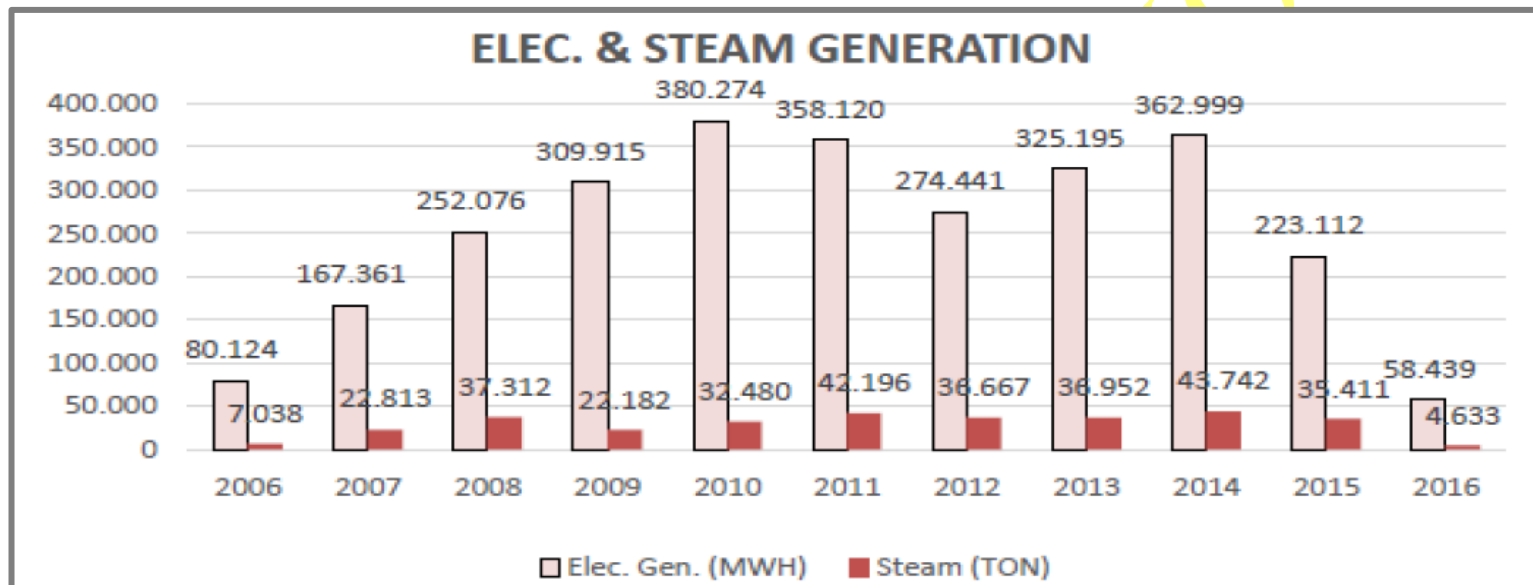
**For 4x 8.73 MW engine, 48.000 h overhaul will be done by Wartsila.**

**For 6x 6,97 MW engine, 24.000 h overhaul will be done by Wartsila.**

Year Commissioned	:	2006
Year Retired	:	2016
Condition	:	Excellent
Operating Hours	:	25-50,000
Status	:	On Foundation

**Summary Information:**

Total Power : 94.20 MW  
Type of Plant : Natural Gas Engine Power Plant (55% Co-Gen, 45% Simple Cycle)  
Operating Model : IPP / Peaking Plan



Type of Units/Supplier : Gas Engine 20V34SG & 16V34SG / Wartsila – Finland  
Number of Units : 6 x 8.73 MW + 6 x 6.97 MW  
Grid Connection Voltage : 11 kV to 154 kV

**OEM Overhauls:**

For 2x 8.73 MW engine, 36,000 h overhaul will be done by Wartsila.

For 4x 8.73 MW engine, 48,000 h overhaul will be done by Wartsila.

For 6x 6.97 MW engine, 24,000 h overhaul will be done by Wartsila.

**SCOPE & HOURS:**

EQUIPMENTS	QTY	UNIT	BRAND NAME/ORIGIN	MODEL	OTHER SPECS	OPR. HOURS
GEN-SET1 (8.730 kWe) GEN-SET2 (8.730 kWe) GEN-SET3 (8.730 kWe) GEN-SET4 (8.730 kWe)	1	SET	GAS ENGINE: WARTSILA/FIN ALTERNATOR: ABB/SWE	GAS ENGINE: 20V34SG ALTERNATOR: AMG1120MMO8DSE	4-6 BAR, 50 HZ, 11MVA	48058 48812 49059 48497
GEN-SET5 (8.730 kWe) GEN-SET6 (8.730 kWe)	1	SET	GAS ENGINE: WARTSILA/FIN ALTERNATOR: ABB/SWE	GAS ENGINE: 20V34SG ALTERNATOR: AMG1120MMO8DSE	4-6 BAR, 50 HZ, 11MVA	38035 37856
GEN-SET7 (6.970 kWe) GEN-SET8 (6.970 kWe) GEN-SET9 (6.970 kWe)	1	SET	GAS ENGINE: WARTSILA/FIN ALTERNATOR: AVK/GER	GAS ENGINE: 20V34SG ALTERNATOR: DIG 167 E/8	4-6 BAR, 50 HZ, 11MVA	25627 25796 26408
GEN-SET10 (6.970 kWe) GEN-SET11 (6.970 kWe) GEN-SET12 (6.970 kWe)	1	SET	GAS ENGINE: WARTSILA/FIN ALTERNATOR: AVK/GER	GAS ENGINE: 20V34SG ALTERNATOR: DIG 167 E/8	4-6 BAR, 50 HZ, 11MVA	26335 26256 24478
AIR COOLED COOLERS FOR ENGINE COOLING	36	SET	-	-	1375 KW/LT PCS	-
COOLING FANS FOR POWER BLDG	24	SET	-	-	-	-
HEAT RECOVERY STEAM GENERATORS	4	SET	-	-	WATER TUBE BOILER, 14 BAR, 4836 KG/H	
HEAT RECOVERY STEAM GENERATORS	2	SET	-	-	FIRE TUBE BOILER 14.5 BAR, 5000 KG/H	
RAW WATER TANK	1	SET			250 M <sup>3</sup> , ST37	
CLEAN WATER TANK	1	SET			100 M <sup>3</sup> , SS316	
CONDENSE TANK	1	SET			WATER VOLUME 20 M <sup>3</sup> , MAX. FLOWRATE 36M <sup>3</sup> /H	
DEAERATOR	1	SET			0,18BAR, MAX FLOWRATE 36M <sup>3</sup> /H	
OIL TANK	6	SET			12M <sup>3</sup> /PCS	

CRANE	2	SET				2 TON, 3.2 TON		
DE-MI WATER TREATMENT PLANT	1	SET				WATER FLOW RATE 450M3/DAY		
AIR COMPRESSOR FOR SERVICE AIR	4	SET				30 BAR, 74 M3/H		
AIR COMPRESSOR FOR SERVICE AIR	3	SET				30 BAR, 108 M3/H		
AIR COMPRESSOR FOR SERVICE AIR	2	SET				7 BAR, 2,1 M3/MIN		
AIR COMPRESSOR FOR SERVICE AIR	2	SET				7 BAR, 2,1 M3/MIN		
AIR DRIERS	2	SET						
AIR DRIERS	2	SET						
AUX. TRANSFORMER	1	SET	ABB					
AUX. TRANSFORMER	1	SET	ABB					
MED. VOLTAGE METAL CLAD SWITCHGEAR	24	SET	ABB					
STEP-UP TRANSFORMER	6	SET	ABB			11MVA		
STEP-UP TRANSFORMER	6	SET	ABB			9MVA		
BLACK START GENERATOR	2	SET				120 KVA, 50 HZ- 130 KVA, 50 HZ,		
STARTING AIR VESSEL	6	SET				33 BAR, 4800 L		

**PHOTOGRAPHS:**



