

46 MW LM6000 PC Sprint Gas Turbine Power Plant

Complete plant with 46 MW LM6000 PC Sprint Gas Turbine, Brush Turbo Generator, 60 MT/HR (HRSG), Fuel: Natural Gas, 17,970 hrs. since overhaul, Year of commissioning 2006, 11.5 KV, 50 HZ, transformers, electrical systems, electrical panels, control systems, air system, cooling system, lubricating system, exhaust system, pumps, water system, fire fighting system and much more. Complete package in good condition and has been maintained by OEM since new

GE LM6000PC Sprint Gas Turbine Power Plant

GAS TURBINE: GE

GAS TURBINE MODEL: LM6000PC 50HZ

GAS TURBINE: JUNE 2005

COMMISSIONING YEAR: 11/1/2006

WORKING HRS SINCE NEW: 43970 HR

GAS TURBINE ACCESSORIES: SPRINT WATER INJECTION, HYDRAULIC PUMP, WATER WASH, FAN COOLER, COMBUSTION, VENTILATION, EVAP, ANTI-ICING, VENT FAN

MAINTENANCE: LONG TERM MAINTENANCE AGREEMENT BY GE

POWER OUTPUT: 46MW

GAS TURBINE ELECTRICAL EFFICIENCY: 39%

FUEL: NATURAL GAS. CAN BE CONVERTED TO LIQUID

OVERHAUL: 26,000 HRS

GENERATOR

GENERATOR: BRUSH

TYPE: TURBOGENERATOR

RUNNING HRS: 43970

YEAR: 2004

COMMISSIONING DATE: NOV 2006

OUTPUT: 63500 KVA

REVISION: 3000

VOLTS: 11500

AMPS: 3188

P.F: 0.8

PHASE: 3.

FREQUENCY: 50 Hz

PHASE CONN STAR

EXC. VOLTS: 205

EXC. AMPS: 1035

RATING: CONTINUOUS

FRAME: BDAX 7- 290ERJT
SPEC: I.E.C.34-3
FKI ENERGY TECHNOLOGY--- SYNCHRONOUS MACHINE

GEARBOX

GEAR BOX: FLENDER GRAFFENSTADEN
YEAR: 2005
COMMISSIONING YEAR: 2006
RUNNING HRS: 43970
RATED POWER: 70000 HP
RATED SPEED: 3627/3000 RPM
SIZE: TX61/1CV
ACCORD STANDARD: API 613/95

GAS TURBINE GENERATOR PACKAGE

MODEL LM6000
FREQUENCY: 50HZ
DATE: Jun 2005
HRSG
BOILER: INNOVATIVE STEAM TECHNOLOGIES (IST)
YEAR: 07,12,2005
COMMISSIONING: 2006
OPERATING HRS: 43970
CAPACITY: 60 MT/HR

ACCESSORIES

INTERNAL TRANSFORMER: 1600KVA 31,5/0,4
SIEMENS O-G SWITCH: SIMENS 31,5 KV METAL
AREVA TRANSFORMER: 56/70MVA/ YG31.5/AG11.5 OIL TYPE
TURBINE CONTROL ROOM COMPLETE PACKAGE
MOTOR CONTROL CENTER (MCC) COMPLETE PACKAGE
ALL SPARE PARTS