

## **Used Power Plant LM6000 (49.8 MW)**

**MANUFACTURER :** GE  
**TYPE OF GAS TURBINE :** LM6000PC  
**RUNNING HOURS :** 43970 H  
**MANUFACTURE YEAR :** 06,2005  
**POWER:** 49,8MW  
**COMMISSIONING YEAR:** 05,11,2006  
**EFFICIENCY:** 39%  
**FUEL:** NATURAL GAS  
**STOPPED:** 10.11.2015  
**OVERHAUL :** 26000 H  
**AFTER OVERHAUL :** 17970 H  
**NEXT OVERHAUL HOUR:** 50000  
**CONSUMPTION WORTH:**1mw 278sm3  
**Normal stop:** 2065  
**Start:** 2625  
**FREQUENCY:**50 HZ

**GENERATOR:** BRUSH  
**TYPE:** TURBO GENERATOR  
**WORKING HOURS:** 43970SAAT  
**YEAR:** 2004  
**COMMISSIONING YEAR:** 05,11,2006  
**OUT PUT:** 63500KVA  
**VOLTS:** 11500  
**AMPS:** 3188  
**P.F:** 0,8  
**PHASES/HZ:** 3./50  
**PHASE CONN:** STAR  
**EXC. VOLTS:** 205  
**EXC. AMPS:** 1035  
**RATING:** CONTINUOUS  
**FRAME:** BDAX 7- 290ERJT  
**SPEC:** I.E.C.34-3

**GEAR BOX:** FLENDER GRAFFENSTADEN  
**YEAR:** 2005  
**COMMISSIONING YEAR:** 05,11,2006  
**WORKING HOURS:** 43970  
**RATED POWER:** 70000 HP  
**RATED SPEED INPUT/OUTPUT:** 3627/3000 RPM  
**SIZE:** TX61/1CV  
**ACCORD STANDART:** API 613/95

**BOILER BRAND:** INNOVATIVE STEAM TECHNOLOGIES (IST)  
**YEAR:** 07,12,2005  
**COMMISSIONING YEAR:** 05,11,2006  
**WORKING HOURS:** 43970  
**CAPACITY:** 60 T EVERY HOURS