



ONE (1) USED 42.5MW CONDENSING STEAM TURBINE GENERATOR UNIT

Stock No. CTG~STC~0249

TURBINE

Turbine No. 198081

Rating: 42,480KW

RPM: 3600

Stages: 17

Steam Conditions: Pressure 835 PSIG

Temperature: 900°F

Exhaust Pressure: 2.5 IN HGA

GENERATOR

Air-Cooled Generator No. 316X812

2 Poles / 3-Phase / 60Hz.

Total Temperature at Rating Guaranteed Not To Exceed:

110C on Armature by Detector

125C on Field By Resistance

Maximum Cold Air Temperature: C 40

Armature Amps: 2215

Armature Volts: 13800

Field Amps: 528

Excitation Volts: 250

Power Factor: 85

GE Steam Turbine Generator Unit			
TURBINE			
TURBINE NO. 196091	RATING: 42480	KW 3600	RPM
STAGES 17		EXHAUST PRESSURE 2.5IN H₂O	
STEAM CONDITIONS: PRESSURE 835 PSIG TEMPERATURE 900°F			
GENERATOR			
AIR-COOLED GENERATOR NO. 316X812		RATING	
2 POLES 3 PHASE WYECONN. 60 HERTZ		KVA:	
TOTAL TEMPERATURE AT RATING		ARMATURE AMPS: 2215	
GUARANTEED NOT TO EXCEED:		ARMATURE VOLTS: 13800	
110 C ON ARMATURE BY DETECTOR		FIELD AMPS: 528	
125C ON FIELD BY RESISTANCE		EXCITATION VOLTS: 250	
MAXIMUM COLD AIR TEMPERATURE C 40		POWER FACTOR: .85	



