



FOR IMMEDIATE SALE
ONE (1) USED SOLAR TAURUS 70 SOLONOX GAS TURBINE GENERATOR SET

Key Highlights:	
Lifetime fire hour since new: 2490	ISO Rating: 7150kWe
Lifetime Package Starts: 845	ISO Rating: 10100Btu/kWh (LHV)
Formerly Owned and Operated by US Electrical Utility	Kato4-pole air-cooled generator 60Hz.
SoLoNOx Control for Natural Gas 25ppm NOx	13.8kV Brushless Excitation + PMG
Included Pulse Clean Anti-Ice Filter, Exhaust	Separate Control Building MCC + Switchgear
All Lifetime Maintenance by Solar Gas Turbines, Inc.	Inspected and operated by Solar Turbines, Inc. in 2019
Scope includes Mechanical and Electrical Drawings	Available for Immediate Sale

Stock No. CTG-GTN-0109

GENERAL SPECIFICATIONS:

CTG is offering for sale One (1) used low hour 7200 kw Solar T70 Gas Turbine Generator Set, Natural Gas Fired, 12470V/3-Phase 60 Hz, SoLoNOx consisting of the following scope of supply:

Turbine:

- One (1) Engine Solar Model No. Taurus 70S, Version 9701S, SoLoNOx, Natural gas fired
- Built 2000 and dismantled in 2019.
- Turbine ISO continuous duty rating: 7250 kWe (15 deg C/59 deg F, sea level, heat rate 10,650 kJ/kWe-hr/10,100 Btu/kWe-hr, thermal efficiency 32.8%, exhaust gas mass flow 98,900 kg/hr/215,840 lbs/hr 490 Deg. C/910 deg f/ Turbine speed 15,200 RPM.
- Peak Rating: ISO 7628 kW / Site rating 6363 kW, Summer 90 Deg. F, 25 PPM NOX & CO control.
- Package Hours: 2500
- Start: 846
- Gear Unit Solar Epicyclic, 13600 HP, ratio 8.21005, 15158/1800RPM, Service factor 1.10, Assembly no. 33085C-200, with starting motor.
- Sound Attenuated Enclosure , Doors 85 DBA Noise Level. Axial Side Exhaust, Top Inlet Air, Inlet 4" Natural Gas.

Generator and Accessories:

All with Associated Accessories comprising One (1) Solar Generator Skid consisting of:

- Kato Synchronous AC Generator, Continuous Rating 7200 Kw / 9000 KW, Voltage 12470 -13800V 0.8 PF, 417 Amps, 3 PHASE, 60 HZ, Serial Number 13937-01, Code 4P12-3600, Model No A269660001
- Brushless Exciter Field Amps 5, Field Volts 100, PMG 240 V, 180Hz
- Generator Terminal Box With 4 X 500:5 CTs on Phase Side, Neutral Side 3x600:5 CTs, 1 X 100:5 CT
- Solar Turbotronic Control Panel Mounted Side of Enclosure One (1) Set of Bolts With Nuts for Engine Skid and Generator Skid

- One (1) Gearbox To Generator Coupling With Coupling Guard, Coupling Bolts And Nuts Both Sides
- One (1) Air Inlet System With Ductwork, Filter House, Supporting Structure.
- One (1) Exhaust System With Exhaust Expansion Joint, Silencer, Stack (Total Height Of Stack 38'6")
- One (1) Fire Cylinder Cabinet And Control Panel
- One (1) Lube Oil Cooler
- One (1) Engine Skid Enclosure Air Let Duct
- One (1) Engine Skid Enclosure Air Exhaust Duct One (1) Generator Air Inlet Filter With Duct One (1) Generator Air Exhaust Duct
- One (1) Lube Oil Fume Vent Duct With Fan
- One (1) , Power Ohm Resister 200 Amps, 10 Secs Neutral Ground Resister
- One (1) Outdoor Electrical House Consisting Of The Following Components:
 - Generator Breaker Control Panel With 1200 Amps Siemens Type 13-GMI-750-1200-58 Circuit Breaker, 125VDC Trip And Close, Beckwith M-3425 Generator Protection Relay, 2 X12470:120V PTs On Bus Side, 2x12470:120 V Generator Side, Voltage Regulator, 3x600:5 Cts Bus Side
 - Reliant 200 Hp VFD For Starting Motor, 480V
 - Cutler Hammer MCC, 800 Amps, 480V
 - Switchgear Battery Charger Constant Power Mfg. Co USGS-120-1PH-120-10, 120 Vac In, 120VDC, 10 Amp DC Out
 - Turbine Battery Charger American Battery Charger Model ABC11-120-20, 208-240 V Ac In 120 VDC 20 Amps DC out.
 - Batteries (included but should be replaced due to age)
 - Spare Parts Like Filters, Consumables Etc.

Gas Compressor:

One (1) Refurbished (Purchased 2001) Universal Compression Aerial JGR-2 Natural Gas Compressor Skid 100 Psig Inlet And 300 Psig Outlet.

Transformer:

- One (1) GE Station Transformer Padmount 750 KVA, 12500V to 480V
- One (1) Set of Walkways Ladders
- One (1) Set of Manuals and Drawings





WARRANTY: As Is / Where Is
FOB: Your Truck/Warehouse
PRICE: Call CTG

CTG Power Systems International, LLC (CTG) is the seller of this equipment and will facilitate all aspects of the equipment transaction. CTG's Terms and Conditions governing unused surplus equipment will apply. Additional services such as shipping and insurance, engineering and installation are available through CTG and will be performed under a separate contract.

A Letter of Intent (LOI) to Purchase coupled with verification of the availability of funds is required. Inspection is encouraged and will be arranged within 72 hours advance notice. Buyer will be required to render a deposit of up to 25% of the total purchase price to secure the option to purchase and financial closing shall take place within 30 days of inspection and execution of Purchase Sale Agreement, whichever event occurs earlier.

For more information and firm proposal, please contact CTG:

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