

Dear equipment purchaser: we are pleased to offer the following Equipment for purchase located in Texas. Deliverable to your required site (or available EXW Texas), units are **ten (10) new** Siemens 5.8MW turbine units, built into fully mobile TM2500-type trailer configurations with 5.4MW ISO package power each = 54MW daisy-chainable & centrally remotely controllable, fully tested and warranted for 12-18 months (long-term support contracts also available). Delivery in June – July 2026.



Pictured: onsite inspection of the equipment by our firm's engineers & management, Jan 2026.

New Siemens trailer-mounted 5.4MW ISO unit at Texas facility (engine on the right) + generator on the left.

These state-of-the-art units are more compact than GE TM2500's, and deploy much faster and more economically.

These units deploy within 12-24 hours, in contrast to 3-7 days for a GE-equivalent unit.

Ten (10) such trailer-mounted units (total 54MW package power) are currently available.

Scope of Supply

1. Trailer: 2 (GTG ¹ + inlet air filter & mover).
2. Enclosure and cooling system: 1 set.
3. Gas turbine: 1 set.
4. Gearbox: 1 set.
5. Electric starting system: 1 set.
6. Exhaust system: 1 set.
7. Gas fuel system: 1 set.
8. Lubrication system: 1 set.
9. Water wash system: 1 set.
10. Electric generator: 1 set.
11. Leveling system: 1 set.
12. Fire suppression system: 1 set.
13. Electric system: 1 set.
14. Control system: 1 set.

Parameters – Gas Turbine & Overall

#	Item	Specification
1.	Gas Turbine Model	SGT-A05 KB7HE (Natural Gas Fuel Only)
2.	Turbine Rating	5.8 MW @ ISO (59°F, 14.7 psia, 60% RH, no inlet/exhaust losses, gas fuel, dry)
3.	Heat Rate (LHV, Btu/kWh)	10,241
4.	Heat Rate (LHV, kJ/kWh)	10,796
5.	Max combustion turbine temperature	<1935°F (1057°C)
6.	ISO Shaft Power	8,000 hp
7.	Rated Speed	14,600 rpm
8.	Efficiency	≥32%
9.	Fuel	Gas Fuel Only
10.	Emission	NO _x ≤ 30 mg/Nm ³ when engine load ≥70%
11.	Noise Level	Average value >90 dBA at 1 meter
12.	Overall Dimensions (ft, L x W x H)	55.5 x 8.5 x 13.6
13.	Max Total Mass (lbs)	117,000

Parameters – Electrical

#	Item	Specification
1.	Generator Model	LEROY SOMER LSA 56B VL65
2.	Terminal Voltage	13.8 kV ± 5%, 5770 kVA/6MW/0.8 PF
3.	Frequency & Speed	60 Hz, 1,800 rpm
4.	Package Rating	5.4 MW @ ISO (59°F, 14.7 psia, 60% RH, no inlet/exhaust losses, gas fuel, dry)
5.	Control System:	Gas turbine control, MCC ² auxiliary control, generator control, power supply.

Parameters – GTG Trailer

#	Item	Specification
1.	Load	>121,254.2 lbs / 55 t
2.	Axle	3×25,000 lbs + 1×22,000 lbs
3.	Suspension	Air suspension
4.	Tire	11R22.5
5.	GTG configuration	Four-compartment design: air intake, gas turbine, generator, electrical & control systems.
6.	Included	MV system, excitation, LV distribution, UPS, relay protection, cable routing, lighting, lightning protection, grounding, air conditioning, fire suppression. MCC auxiliary controls and monitors electric devices.

¹ GTG = Gas Turbine Generator

² MCC = Motor Control Center











Separate (optional) air-conditioned control truck (trailer #3) for centralized remote control & monitoring of multiple GTG units.

The data truck is highly recommended to create an easily manageable, scalable, rapid-deployed daisy-chainable power system.

