



What Is A Gas Turbine?

A gas turbine runs on natural gas. They burn clean with no particulate in the exhaust. That heat can be used to heat (or cool) facilities. And the trace CO2 in it is can be used as food for indoor plants.

Engineering Marvels

These units truly are breath-taking. One moving part. 8 hours of maintenance a year. Redundancy. Power storage without batteries.

Clean

Most grid/utility electric is coal, which is not green. Natural gas is the cleanest fossil fuel. Consider it like the 'hybrid vehicle' of fossil fuels (which also run partly on fossil fuels).

Practical

The power company is already having trouble meeting the electricity demand in California, and the prices reflect that reality. Grid electric is approaching \$.17 per kW hour and could go as high as \$.30 (ouch).

Powerful

Gas turbines (or microturbines) are the most powerful form of clean energy available today. Efficiencies of about 85% are achievable because of the waste heat recovery component of the systems, called cogeneration. These systems cut energy bills, generate reliable power and give the quickest return on investment of any energy system on the market – by far.

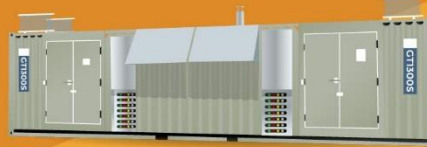
Dependable

GAS TURBINES BEAT GRID ELECTRIC, HANDS DOWN

For the high-power demands required by agricultural growers, hospitals, IT data storage and processing farms, refrigeration and perishable warehousing, automated fulfillment centers, manufacturing and production plants, and even schools – MBS Engineering has partnered with Flex Energy to offer you power needs that save money while putting control back in your hands, and virtually eliminating down-time.

ON-SITE POWER THAT IS NEVER DOWN

Low-maintenance-one movingpiece per turbine
Gas has more disaster reliability than electric
Load management w/o batteries - no high speed alternator



Be free from the arbitrary price setting of the electric company
You own the microturbine after financing period
On-site power that can be redeployed to a new location
6-month order-to-install; 3 week install Time

20% TO 70% MONTHLY ENERGY COST REDUCTION; BREAK-EVEN IN 2 - 5 YEARS

\$.15 KWH RATE - UTILITY ELECTRIC VS. FLEX/MBS MICROTURBINE

Flex Microturbine ; \$2+ Million Financed; \$.45/Therm Cost

	ELECTRIC	GTS1300S-5 Year	GTS1300S-10 Year
Power Requirement (Watts)	1.3 Megawatts	1.3 Megawatts	1.3 Megawatts
Microturbine - Monthly Finance Payment		\$56,000.00	\$23,000.00
Microturbine - Monthly Maintenance Charge	Not Applicable	\$17,000.00	\$17,000.00
Microturbine - Monthly Gas Cost		\$45,000.00	\$45,000.00
Monthly Spend - Power Total	\$150,000	\$118,000.00	\$85,000.00
Monthly Savings		\$32,000.00	\$65,000.00
Monthly Savings Percentage	Not Applicable	21%	43%
Years Until Investment Break-Even		5.21	2.56



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Many people don't know it, but because electric lines are above ground, they're much more vulnerable during a disaster than gas. Gas lines also have bypass routes. Bottom line: if you can't afford to go down, you want a gas turbine. Microturbines are also used for IT Data Center, Hospital, and other infrastructure (Cell Tower) equipment.

Financing Offered

5 or 10 years offered through Honor Enterprise Financing. See attached. Your total operating costs are between 30% and 60% of what you're paying now for electric. All maintenance costs are covered.

You Own And Can Re-Deploy The Unit

After the financing term, this portable, clean, on-site, powerhouse is yours. Move it to...wherever.

Flex Energy gas turbines are state-of-the-art. They have one moving part and last for millions of hours. Their maintenance is covered in your financing.

Power to Scale

We can offer on-site power between 250 kW and 1.3 mW, freeing you from the arbitrary pricing of the electric company.

Save money and reduce your CO2 emissions. This sort of sells itself.

Use Case

If you're drawing 1.3 mW from PG&E right now (if you're lucky enough to have a need like that met by the electric utility), you're paying about \$150,000 a month; we can cut your power bill in half (natural gas fees and financing fees together), and also reduce your carbon emissions.

Free Yourself From Arbitrary Utility Company Cost Increases

Get ahead of rising electrical costs. Many experts predict PG&E prices to go as high as \$.30 per kW (double what it is now).

Become Power Independent And Cut Energy Costs 20-70%!

You have high power demands, MBS and Flex Energy can help. We can deliver on-site, gas-turbine powered, grid-isolated, grid parallel, or dual-mode power solutions of between 300 kW and 1,300 kW, or 1.3 megawatts, in a matter of months, for a cost that averages about half of what the electric utility charges, with finance charges included.



A Partnership Of Engineering Titans: Flex Energy And MBS

Flex Energy made a thing of beauty. Between 250 kW and 1.3 mW. One moving part. 8 hours of maintenance a year. More robust power, and not at the behest and exorbitant pricing of the electric utility. They picked MBS to deliver their engineering marvel.

Financing

Item	Electric	GTSI300S - 5 Year	GTSI300S - 10 Year
Watts Needed	1,300 (1.3 mW)	1,300 (1.3 mW)	1,300 (1.3 mW)
Microturbine Monthly Payment	Not Applicable	\$56,000	\$23,000
Maintenance Charge - Figured Into Monthly Payment	Not Applicable	\$17,000	\$17,000
Monthly Gas Cost (\$/.45/therm)	Not Applicable	\$45,000	\$45,000
Total Monthly Payment	\$150,000	\$118,000	\$85,000
Monthly Savings vs. Electric Utility	Not Applicable	\$32,000	\$65,000
Savings Percentage vs. Electric	Not Applicable	21%	43%
Years Before You Break Even	Not Applicable	5.21	2.56