



YOUR ALL-ENCOMPASSING GENERATOR PARTNER

SALES, RENTALS & INSTALLATIONS

SERVICE & MAINTENANCE

STORAGE & LOGISTICS

LOAD TESTING & FUEL POLISHING

POWER DISTRIBUTION





TOTAL ENERGY SOLUTIONS, LLC was founded in response to a growing demand for a comprehensive, high-quality generator company. Our goal is to leverage deep industry knowledge and technical expertise across the entire power generation market to deliver exceptional sales and service. Backed by a senior management team with over 500 years of combined experience in generator maintenance, emergency management, and contingency planning, we bring unmatched insight and reliability to every project.

Our experienced team is available 24/7/365 to service all generator brands and sizes. We are the authorized distributor for industry leading generator brands including, but not limited to, Gillette, Taylor Power, Cummins, Kohler, and IGSA.

With locations throughout Texas and Louisiana, we serve a wide variety of industries from oil & gas, petrochemicals and manufacturing, to healthcare and data centers.



CENTRAL
POWER SYSTEMS & SERVICES



THE **GOLD STANDARD** FOR EMERGENCY BACK UP AND PRIME POWER IN TEXAS AND LOUISIANA

SALES, RENTALS & INSTALLATIONS

Total Energy Solutions offers only the highest quality products to our commercial and industrial customers.

When the power goes out, business shuts down and losses add up. Our priority is to eliminate the consequences of power outages for your business. Whether a purchase or rental arrangement is needed, our in-house construction group can ensure your site is fully set up with proper installation unique to your location.

PRODUCTS

- Diesel generators from 20kW to 3250kW
- Natural gas generators from 20kW to 1.9MW
- Turbines from 5MW to 50MW
- DC generators 6kW to 30kW
- Hydrogen generators with battery backup
- Automatic and manual switch gear
- Prime power natural gas rentals from 30kW-500kW
- Uninterrupted power supply (UPS) - battery backup systems
- Auxiliary fuel tanks
- Battery storage systems
- Microgrids
- A range of docking panels



**IN-HOUSE
CONSTRUCTION GROUP**
from design to completion



**IN-HOUSE DESIGN
ENGINEERING GROUP**



**EXPERIENCE WITH ALL
TYPES OF GENERATOR
MAKES AND MODELS**

TURNKEY CONSTRUCTION SOLUTIONS

- Engineering design
- Site preparation and foundation
- Generator installation and connections
- Plumbing
- Auxiliary systems
- Permits and testing



SERVICE & MAINTENANCE

Total Energy Solutions offers flexible, customized maintenance programs and fast, reliable 24/7/365 emergency service response. Preventative maintenance programs are tailored to each customer's unique needs and can be scheduled monthly, quarterly, semi-annually or annually. Ensuring that your emergency backup generator system is ready when needed is of vital importance. A scheduled routine maintenance program will increase the reliability of your standby power system and ensure that your generator will perform when you need it.

SERVICES

- Fast, reliable expert service
- Factory trained technicians
- Customized maintenance programs
- Load bank testing
- Fuel service/polishing
- Onsite storage and maintenance
- Rentals during extended service outages
- Fire pump maintenance
- Automatic transfer switch testing
- Building load testing
- In-house turnkey construction division
- Turnkey generator installation



19+ YEARS IN BUSINESS



**4,000+ GENERATORS
AND SYSTEMS SERVICED**



**40+ BEST-IN-CLASS
SERVICE TECHNICIANS**

PREVENTATIVE MAINTENANCE OPTIONS

- Change all fluids and filters annually or every 250 hours of operation
- Inspect batteries, hoses, belts, radiator cleanliness and fluid levels
- Function test engine, generator, and switch gear
- Check all safeties for proper setting and operation
- Check all battery connection posts and cables
- Check fuel quality for water content and bacteria
- Engine oil analysis





STORAGE & LOGISTICS

Total Energy Solutions offers onsite storage and maintenance at our locations for customer-owned generators. Our customers have found it to be more cost effective for us to maintain one or many of their power units in our yard as it enables them to protect multiple facilities without a dedicated unit for each location.

We also accept responsibility to promptly mobilize your generator(s) from our storage yards to your specified location. Our storage facilities are protected around the clock by a state-of-the-art security system, monitored via video surveillance.

LOAD TESTING & FUEL POLISHING

Beyond storage and logistics, Total Energy Solutions supports the lifecycle of the generator through load testing and fuel polishing.

A generator load test uses a load bank which simulates a power draw on a generator to ensure it is operating correctly. This tests all components of the generator package - from the engine cooling system to the AC alternator.

Fuel polishing is the process of running diesel fuel through a series of filters to remove suspended algae and other debris that may cause premature filter failure which would then shut the generator down.

POWER DISTRIBUTION

Not only does Total Energy Solutions provide solutions to help you generate power, **we also provide solutions for getting that power where you need it.**

As a distributor of Power Temp Systems, Inc., we can provide:

- Distribution panels
- Docking stations
- Paralleling panels
- Transformers
- Custom solutions designed for your unique needs



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Broussard, LA 70518
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BATON ROUGE, LA

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