



NFPA 70E Certified  
Technicians

THERMALGUARD



ENERGY SOLUTIONS  
INC

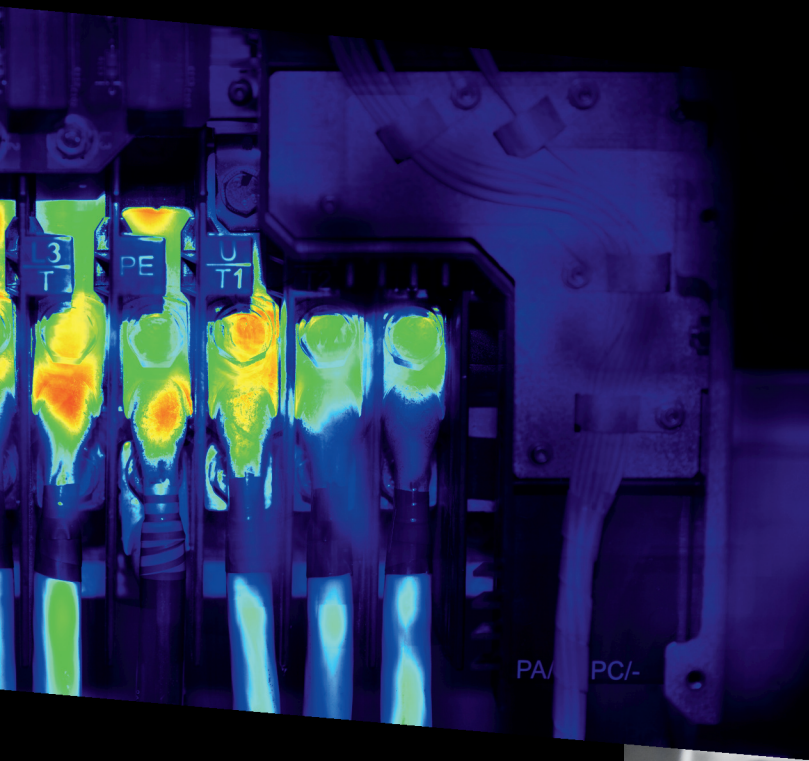


Infrared Scanning, Testing, and  
Preventative Maintenance for **High  
Energy Systems**

[www.ThermalGuardEnergy.com](http://www.ThermalGuardEnergy.com)

**(813)-291-4899**

**Infrared Scanning** is an essential part of what we offer at ThermalGuard Energy Solutions!



## **Infrared Scanning for High-Energy Systems and Equipment**

At *ThermalGuard Energy Solutions*, we utilize advanced infrared scanning technology to inspect **high-energy** systems and equipment. Infrared scanning detects heat signatures that are invisible to the naked eye, allowing us to identify issues such as overheating, **high-resistance connections**, and potential equipment failures before they escalate into costly **problems** or **downtime**.

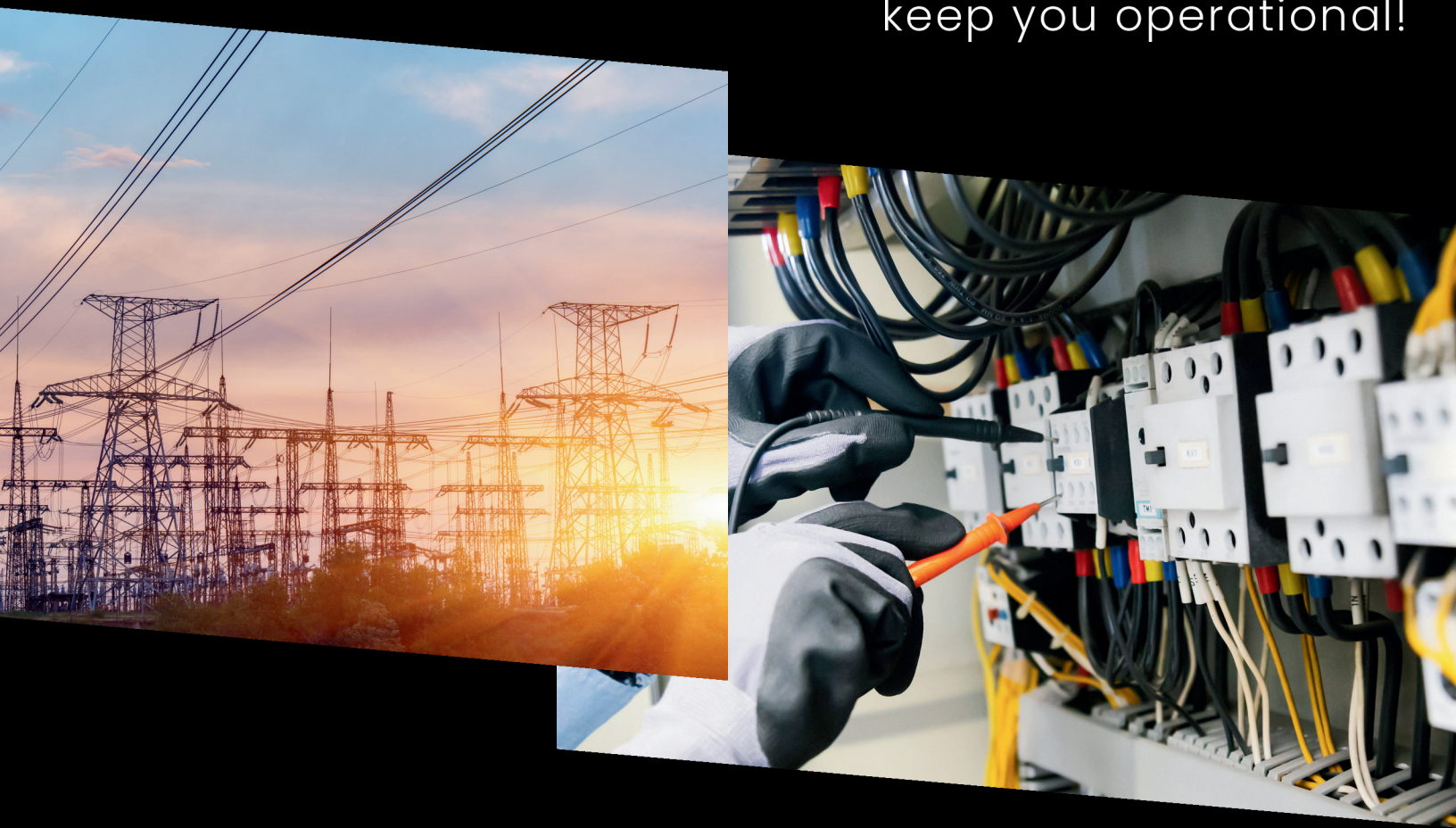
This **non-invasive** method is critical for high-energy equipment, where even minor inefficiencies can lead to significant risks. By pinpointing irregularities, our infrared scans provide actionable insights, helping us uncover the majority of the issues we address for **our clients**. From electrical panels to HVAC systems, infrared scanning is a cornerstone of **TES**'s commitment to safety, efficiency, and reliability.



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**Electrical Testing** is the backbone for our problem solving process to keep you operational!



## **Electrical Testing for Reliable Systems**

*ThermalGuard Energy Solutions* performs comprehensive electrical testing to ensure the **safety** and **reliability** of your systems. Electrical testing measures critical factors like continuity, resistance, and voltage to identify potential issues such as loose connections, faulty components, or high-resistance faults.

This hands-on approach complements our infrared scanning by providing precise data on system performance. Electrical testing allows us to validate system integrity and uncover hidden problems that could lead to inefficiencies, equipment failures, or safety hazards. **TES** uses advanced testing equipment to deliver actionable insights, ensuring your electrical systems operate at peak performance and safety.



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Large corporations spend millions of dollars a year on **Preventative Maintenance** to keep downtime at a minimum!



## **Preventive Maintenance for Long-Term Safety and Efficiency**

Preventive maintenance is at the heart of what we do. Regular maintenance of electrical systems and high-energy equipment ensures they operate safely, efficiently, and without costly interruptions.

Our preventive maintenance services include **advanced infrared scanning, electrical testing**, and detailed **inspections** to identify and address potential issues before they escalate. By catching problems early, we help you avoid unexpected downtime, reduce repair costs, and extend the lifespan of your systems. With **TES**, proactive care is the key to long-term safety, reliability, and peace of mind.

**We even offer custom maintenance scheduling to fit your site's specific needs!**



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Our custom **Energy Audits**  
are built from the ground  
up each time!



## Energy Audits for Optimized Efficiency

Energy Audits by **TES** are designed to uncover **inefficiencies** and identify opportunities to **optimize** energy usage in your home or business.

Using advanced tools and techniques, we analyze your **electrical** systems, **HVAC** equipment, and energy consumption patterns to pinpoint areas of **energy waste**. Our comprehensive audits provide actionable recommendations to reduce costs, improve performance, and enhance **sustainability**. With **TES**, you can take control of your energy usage, lower utility bills, and contribute to a greener, more **efficient future**.

### Fun Fact:

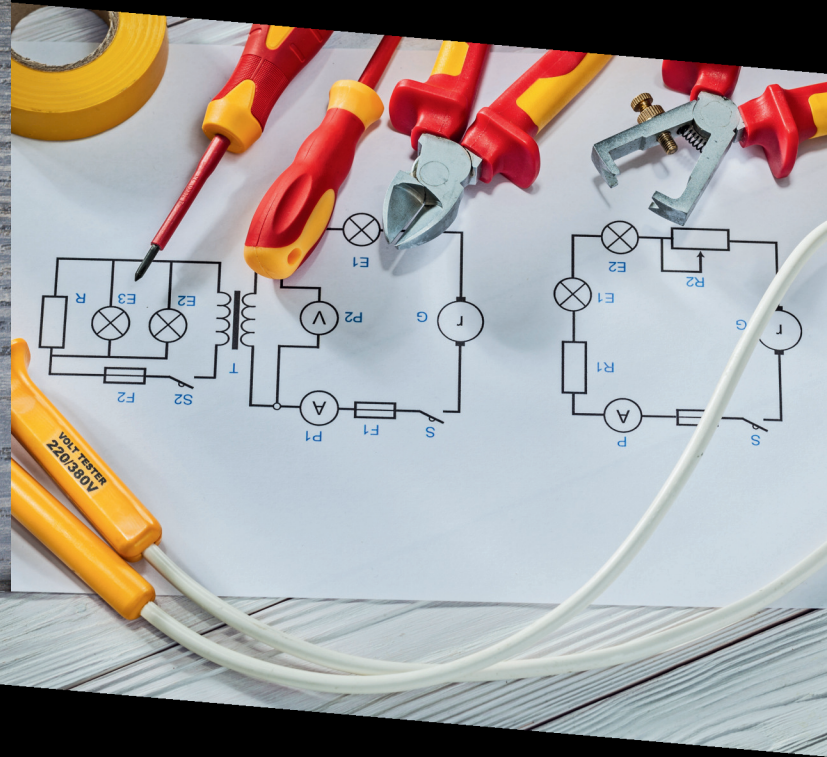
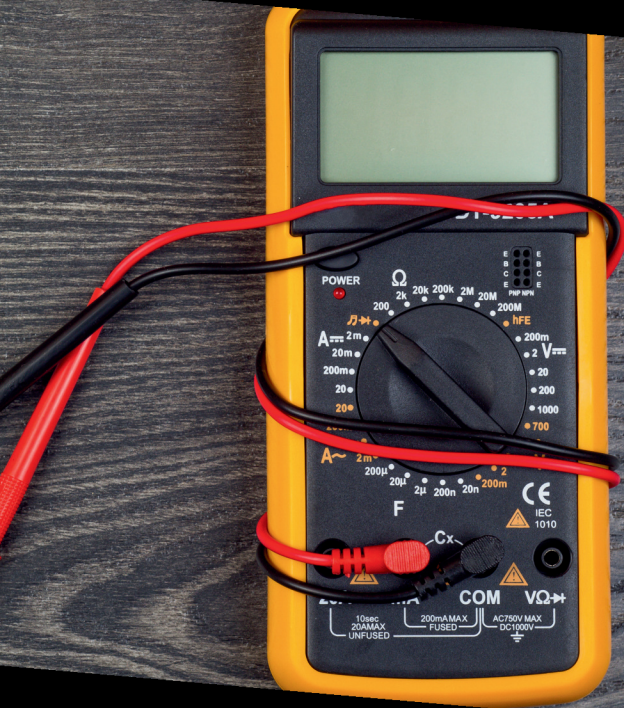
One person in the U.S. consumes about **12 kWh** of electricity per year. That's enough to power a standard LED light bulb for over **137 years** straight **OR** toast approximately **1.2 million** slices of bread!



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Equipment put into service by  
*ThermalGuard Energy Solutions*  
is "**Top-of-the-line**"!



## Using the Best Testing Equipment for Accurate Results

At *ThermalGuard Energy Solutions*, we prioritize **precision and reliability** by utilizing the best testing equipment the market has to offer.

Our advanced thermal imaging cameras detect subtle heat variations to uncover hidden issues. We rely on high-quality testers to measure voltage, resistance, and continuity with pinpoint accuracy. For insulation resistance testing, we use tools that ensure the integrity and safety of electrical systems. This commitment to cutting-edge technology allows us to deliver exceptional results and unmatched peace of mind.



FLUKE

Megger.



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**Recommendations** made by *ThermalGuard Energy Solutions* effect actionable steps to improve performance and efficiency.

### **Why Choose a Third-Party Testing Company?**

Selecting a third-party testing company like *ThermalGuard Energy Solutions* ensures your installations are evaluated with complete objectivity and according to industry standards. For **new facilities**, our **Acceptance Testing** services verify that all systems are installed correctly, meet required specifications, and are fully operational before handover.

**Unlike** installers or contractors, we operate **independently**, with no vested interest in the materials or installation process, ensuring an **impartial** and **reliable** assessment.

With *ThermalGuard Energy Solutions*, you can trust that every detail has been thoroughly examined for **quality** and **performance**, ensuring your new facility is ready to operate safely and efficiently from day one.



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“ADVANCED THERMAL IMAGING & ENERGY SOLUTIONS”