

SG Energy Solutions, where we aren't just 'employees', but dedicated team members that love what we do with **ONE mission** in mind: providing **People. Power. Passion.** with **SOLUTIONS** around the globe.

WHO WE ARE

SG Energy Solutions provides electrical, instrumentation & controls, engineering and IT services to clients around the globe.

Our niche is efficiency.

We implement systems and processes that reduce costs while providing safe, exceptional service.

Our goal is client satisfaction.

We listen intently from conception to completion to develop effective and creative solutions for our partners.

We accomplish these goals by entrenching ourselves in our clients' business. We anticipate problems rather than react to them.

From very humble beginnings, to our first project in Malmo, Sweden, SG|Energy Solutions has grown into a **full-service electrical contractor** that services **utility companies and power plants** around the globe. Dedicated to providing solutions to our customers, we are proud of our team members and our **four (4) core values**:



Solutions. We believe that there is a solution to every problem. Solve it.



Energy. We integrate people, power and passion to produce winning results. Harness it.



Accountability. We hold our selves accountable and take full responsibility for everything that we do. Own it.



Safety. We won't do it if it's unsafe and won't let others do it either. Safety first.

WHAT WE DO

Electrical Services

- Low Voltage Electrical
- Installation services for Gas & Steam Turbines Upgrades
- Aero-Derivative Gas Turbine upgrades and modifications
- Electrical Support Services for Dry Loadz NOx (DLN) 2.6+ Upgrades
- Low Part Load Upgrades
- MARK V, VI, & VI-e Upgrades
- Hazardous Gas (HAZ GAS) System Installations
- Op-flex Autotunes
- Combustion Dynamics Monitoring (CDM) Installations
- Excitation System Installations
- Low Speed Turn Gear Installations
- Installations services for Compressor Bleed Valves & Thermocouples
- Roof De-terms & Re-terms
- Thin Client

OTHER ELECTRICAL SERVICES:

- LED Lighting
- Fiber Optic Cable Installations
- Conduit & cable tray installations
- Electrical upgrades | expansion on facilities
- Power & Control cable installations
- Maintenance

I&C Services

- DCS to PLC Programming
- Calibration and installation of field instrumentation and devices
- Advanced troubleshooting capabilities
- Advanced loop-checking capabilities
- Reads & interprets wiring diagrams and P&ID's
- Low voltage electrical experience
- Self directed and able to direct less experienced I&C technicians

Typical calibration and testing for technician:

- Fluke 754 Documenting Process Calibrator
- Fluke 787 Multimeter
- Fluke 700 Series Pressure modules
- Fluke Hand Pumps for Pressure items

Typical Turbine Instruments :

- Temperature switches, Transmitters, Thermocouples, RTD
- Pressure Switches, Gauges, Transmitters
- Flow Switches, Gauges, Transmitters
- Vibration Probes



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WHAT WE DO

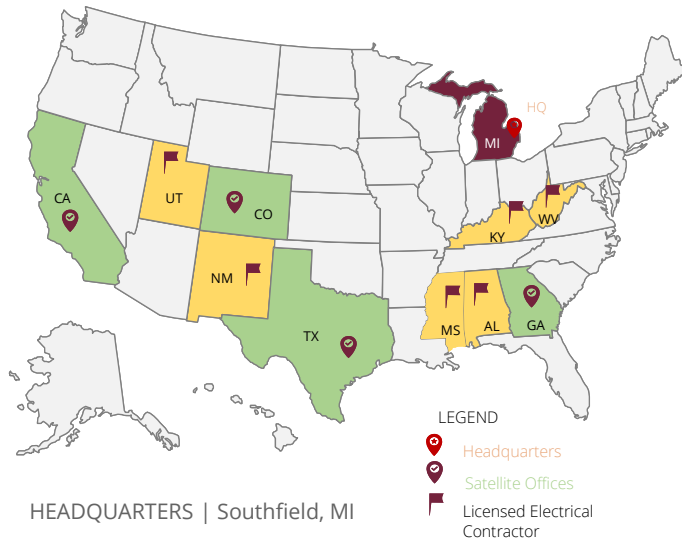
Engineering Services

- o Electrical and I&C Engineering
- o Digital Plant Transformations
- o System Integration
- o Field Support & Testing
- o Project Management
- o Network Architect Planning
- o Cybersecurity Risk Assessments

IT Services

- o On-site monitoring (OSM) installations for fleet upgrades & system configurations
 - Basic OSM
 - Aero Derivatives (OSM)
 - Replica (OSM)
 - Digital Control System (DCS)
 - Solar Power Battery Installations (OSM)

WHERE WE DO IT



HEADQUARTERS | Southfield, MI

SATELLITE OFFICES

Houston Tx | Atlanta, GA | Denver, CO | Los Angeles, CA

SGES is a licensed Electrical Contractor in the following states: Georgia, Alabama, Texas, Kentucky, New Mexico, Mississippi, Colorado, West Virginia, and Michigan.



Through our varied client relationships, we have completed projects on **6 continents**, spanning **30 countries**.

Labor expands and contracts on target with business needs.

SAFETY EMR RATING CHART

2017	2018	2019	2020	2021
1.0	1.0	1.0	0.95	0.95

Company Contact

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NAICS Codes

- 236220**- Commercial and Institutional Building Construction
- 238210** - Electrical Contractors and Other Wiring Installation Contractors
- 237130** - Power and Communication Line and Related Structures Construction
- 238990** - All Other Specialty Trade Contractors
- 238290** - Other Building Equipment Contractors

Customers

