



### Electrical Services for Reliable Power Operation

- Electrical Design and Construction
- AC & DC Systems
- Equipment Installation
- Meet NEC and NFPA Compliance
- Minimize risks, Increase safety

As a Licensed Electrical Contractor, Power Conversion Systems (PCSC) can help your company with all your electrical infrastructure needs. PCSC delivers electrical services to enable one-stop-shop electrical installation for power infrastructure, ranging from single-phase to 3-phase and 120V to 480v. Our team of Engineers, trained Electricians & Project Coordinators help provide a turn-key solution – on time and within budget. PCSC offers electrical compliance and reliable services including Infrared Thermography, Power Quality Services and testing for electrical safety and risk mitigation.

### Electrical Construction

From new construction to tenant improvement, Power Conversion Systems delivers quality and cost savings meeting NFPA and NEC compliance. Providing electrical installation for major manufacturers enables a completely integrated solution meeting your needs and offering cost savings.

- Uninterruptible Power Supplies (UPS)
- Central Lighting Inverters for Life Safety
- Distribution Cabinets and Panels (PDU)
- Generators and ATS
- Battery Systems
- DC power plants
- Commissioning/Decommissioning
- Distribution Breaker Panels

Features	Benefits
• Electrical Design and Implementation	• One-stop Shop
• Convenient 24x7 Service Available	• Availability for Critical Facilities
• Project Management	• On-time and on-budget
• Electrical product installation	• Proper backup power for critical loads



## *Electrical Services For Critical Facilities Infrastructure*

### IR Scan / Infrared Thermography

Power Conversion Systems provides Infrared Thermographic Inspections. Infrared inspection of electrical equipment is utilized to detect hot spots which are caused by excessive heat running through electrical connections or components. Excess heat is typically caused by increased resistance in an electrical bond. Problems must be corrected to prevent the component from causing damage, creating safety hazards such as potential fire, equipment downtime or equipment failure.

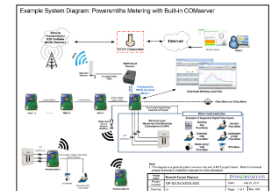


Periodic Infrared Thermography Inspection is a key test procedure to detect these types of conditions and should be performed as part of an Electrical Preventive Maintenance program. IR Scanning is highly recommended for equipment such as: panelboards, busways, motor control centers, transfer switches, breaker panels and other critical facilities equipment.

Features	Benefits
<ul style="list-style-type: none"> <li>• Annual Electrical Inspections</li> </ul>	<ul style="list-style-type: none"> <li>• Meet Federal, State &amp; local Code Requirements</li> </ul>
<ul style="list-style-type: none"> <li>• IR Scans locates “Electrical Hot Spots”</li> </ul>	<ul style="list-style-type: none"> <li>• Identify and fix issues before they are a problem</li> </ul>
<ul style="list-style-type: none"> <li>• Recommendations are provided in final report</li> </ul>	<ul style="list-style-type: none"> <li>• Lower Risks and Costs</li> </ul>
<ul style="list-style-type: none"> <li>• Proactive Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>• Increase Equipment Uptime and Reliability</li> </ul>

### Energy Savings Programs

Power Conversion Systems assists companies with cost saving programs which includes reducing wasted energy and peak demand utility reduction. Energy saving UPS, transformers, battery systems, monitoring and software provide the key components to enable a custom Energy Savings solution to meet your specific needs. Reduction in wasted energy saves cost by reducing the number solar panels, batteries and other power infrastructure components to provide a quicker return-on-investment.



### PCSC Maintenance and Service Plans

Power Conversion Systems is your one-stop-shop for all your UPS, generator, DC plant, electrical work and backup power infrastructure needs. We have the highly trained techs to support your stand-by power needs. Our techs follow industry standards and best practices, so you have confidence and can sleep at night knowing your generators are properly serviced.

Have confidence in your electrical power system. Power Conversion Systems offers Preventative Maintenance Plans to meet your needs. Select from Ultra, Premium and Standard maintenance plans and chose the number of PMs per year, based on your specific uptime requirements. With competitive pricing, you cannot afford the risk to be without a maintenance plan. Contract Power Conversion Systems today.

***Be sure to request Power Conversion Systems as your Critical Power Services provider.***

**9400 7<sup>th</sup> Street, Suite C1 | Rancho Cucamonga, CA 91730 | (800) 431-4791 | FAX: (877) 864-7489**

**Visit us at: [www.ups-power.com](http://www.ups-power.com)**

