

Regular inspections of your Automatic Transfer Switch (ATS) will prepare your facility for a seamless transition from your main and backup power supplies in the event of a power failure. Ziegler Power Systems Advanced Electrical Services technicians can conduct ATS maintenance with or without de-energizing your electrical distribution equipment.

Testing is conducted in accordance with National Fire Protection Association (NFPA) 70B and 110 standards and American National Standards Institute (ANSI) Maintenance Testing Specifications.

Automatic Transfer Switch Maintenance



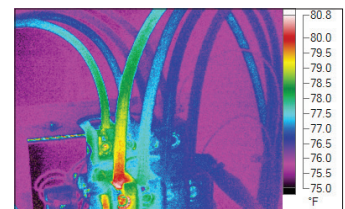
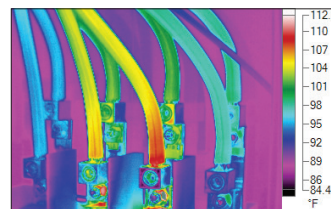
Energized Inspection

- Check anchorage, alignment, grounding, clearances, and for evidence of arcing
- Verify labeling and compliance with NFPA 70E safety standards
- Perform infrared thermography testing on all electrical connections, checking for hot spots and areas of high resistance
- Verify operation of timers and remote start contacts (requires load transfer)
- Perform transfer test (requires load transfer)
- Check voltage drop across utility and emergency generator contacts (requires load transfer)
- Recommended frequency: Every 12 months



De-energized Inspection

- Clean contacts, switch, and enclosure
- Check for loose terminals and contacts
- Lubricate current-carrying components of the switch
- Perform insulation and contact resistance testing
- Recommended frequency: Every 12 months



Ziegler Preventive Maintenance Service *Protect Your Power*

Ziegler Power Systems preventive maintenance service offers multi-year budget planning and delivers improved equipment reliability.

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ZIEGLER
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