Carter Machinery’s Total Power Solutions program provides testing & maintenance programs for your complete Electrical Power Systems needs and conforms to the NETA and NFPA 110 standards.

Switchgear Level 1

Perform basic inspection on switchgear components and controls.

- Inspect for visual signs of moisture, carbon tracking, corona*, overheating, and insulation deterioration.
- Inspect and replace all control panel indicator lights and fuses as needed.
- Verify operation of space heaters, if applicable.
- Clean the exterior of control cubicles. Clean interior and remove accumulated dust and dirt.
- Check protective relays and protective sensing devices for any fault indications
  - Log and report all fault indications found.
  - Reset fault indicators only with the permission of the customer’s authorized representative.
- Review event logs and advise corrective action, if needed.
- Test switchgear operation
- Perform Infrared Thermography scan (See Infrared Thermography Programs)

Customer Report Provided:
- Documentation to include completed checklist of service performed with recommendations for any areas requiring additional service
- Complete analysis of data collected, benchmarked to NETA Standards

* Corona - An electrical discharge phenomenon occurring in gaseous substances, such as air