



ENOSERV

ENOSERV Field Services

for system protection electrical infrastructure



With years of experience in both generation and T&D, our **Field Services Division** has seen enough to demand quality. Our team will either prove the proper performance of relays, or recommend solutions to remedy the problems before the equipment goes online.

ENOSERV Field Services utilizes the software automation it pioneered for the electric utility industry to efficiently outperform all testing methods used by most other service providers. Our technicians use the most reliable, extensively tested routines precision engineered by experts.*

Concerned with NERC? Our team will produce evidence and documentation of the testing event (according to the parameters of your maintenance and testing program if provided). The relay testing reports will include settings, test results, nameplate information, test values, last test date, & next test date. **ENOSERV Field Services** runs meaningful tests to demonstrate a reliable relay performance. The ENOSERV test routines used are spec'd to manufacturer's recommendations.

CLIENT LIST

PROJECTS COMPLETED:

- Western Farmers
- Nevada Power
- Nebraska Public Power
- AEP-Oolagah
- Okla. Municipal Power Authority
- Tenaska Kiowa
- Arkansas Electric Coop. Corp
- Public Service Co. of New Mexico

- Southwest Electric Contracted Work:*
- ConocoPhillips
 - American Airlines

- Wood Group Contracted Work:*
- AEP- Harry D. Mattison
 - AEP-Riverside
 - AEP-Anadarko
 - Black Mountain Power Plant

- GE Energy Services Contracted Work:*
- Mt Enterprise
 - Frontera
 - K-Gen
 - Tenaska Gateway
 - Tenaska Frontier
 - JM Huber
 - Harrison Co. Power
 - BASF

Services

Acceptance Testing

- Relay acceptance testing proves a relay is good right out of the box. This testing insures no damage has occurred during shipment, and that there are no manufacturing defects.

Commissioning

- **ENOSERV Field Services** will provide relay and functional testing with in-service settings. This insures equipment is installed correctly and circuits are ready for energization. Finding discrepancies in advance reduces unscheduled downtime, project delays, repair costs, and personnel safety threats. This kind of testing will provide a baseline for future preventive maintenance.

Preventive Maintenance

- Periodic relay testing will insure correct operation, and minimize unnecessary downtime/equipment damage should a short circuit or overload situation occur. **ENOSERV Field Services** will provide full testing documentation to help track testing intervals, and identify re-occurring problems throughout the life of the relays.

End-to-End Testing

- This type of testing helps perform a complete check of a system protection scheme. Testing includes verification of circuit breaker operation, communication time, and the effectiveness of relay settings. ENOSERV utilizes ENOSERV **Vector** software to provide this type of testing.

*ENOSERV is a leading developer of relay testing software for the power industry worldwide. The company develops and markets ENOSERV **RTS**, ENOSERV **PowerBase**, and ENOSERV **Vector**.

Contact field services today! 918.622.4530

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