

ENGINEERING EXPERTISE. FIELD EXECUTION. POWER SOLUTIONS YOU CAN TRUST.

NexGen Electrical Power Solutions provides engineering, electrical testing, commissioning, and maintenance services for low-, and medium-voltage power systems — pairing power-system engineering expertise with experienced field-testing capability.

LOW • MEDIUM VOLTAGE

From field testing to engineering analysis, NexGen EPS supports the electrical equipment and systems typically represented on a facility's electrical one-line diagram.

WHO WE ARE

NexGen EPS is an engineering, electrical testing, commissioning, and maintenance services company supporting power systems. Our engineers and field technicians work as one coordinated team to improve safety, reliability, system performance, and equipment life.

NEW INSTALLATIONS

Acceptance testing · Commissioning · Engineering studies · Energization support

EXISTING FACILITIES

Maintenance testing · Condition assessment · Engineering analysis · Documentation

CORE SERVICES



ACCEPTANCE TESTING

Verify new equipment is installed, operating, and ready to energize.



COMMISSIONING & ENERGIZATION

Confirm equipment, protection, and controls work before service.



ARC-FLASH & PROTECTIVE DEVICES

Incident-energy analysis, mitigation, and device settings.



MAINTENANCE & CONDITION TESTING

Find developing issues early and reduce unplanned downtime.



POWER-SYSTEM ENGINEERING STUDIES

Short-circuit, coordination, arc-flash, and load-flow analysis.



SYSTEM MODELING & DOCUMENTATION

One-line and three-line diagrams, schematics, and models.



ONE TEAM. FROM ENGINEERING TO FIELD EXECUTION.

NexGen EPS connects engineering insight with field execution — one coordinated team for testing, commissioning, maintenance, analysis, documentation, and technical support. Customers receive more than test data: we evaluate findings, tie field conditions to engineering analysis, update system documentation, and recommend practical next steps.

Mission: improve the safety, reliability, and performance of electrical power systems through responsive, technically sound engineering, testing, commissioning, and maintenance services — while building lasting customer partnerships.

BUILT TO SUPPORT COMPLEX ELECTRICAL SYSTEMS



Utilities & T&D



EPC & Engineering



Electrical Contractors



Data Centers



Industrial &
Manufacturing



Power Generation



Renewable Energy



Commercial &
Institutional

WHY NEXGEN EPS

ENGINEERING + FIELD EXECUTION

Studies tied to real equipment conditions.

RESPONSIVE PROBLEM-SOLVING

Fast decisions, adapted to project conditions.

PRACTICAL, ACTIONABLE RESULTS

We explain findings and what to do next.

DIRECT ACCESS

Reach experienced decision-makers directly.

LIFECYCLE SUPPORT

From energization through modifications.

LONG-TERM PARTNERSHIP

An extension of your team, not a contractor.

PROBLEMS WE SOLVE

- Improve electrical safety
- Increase system reliability
- Identify problems before failure
- Reduce unplanned downtime
- Support safe energization
- Maintain accurate documentation
- Extend equipment life

BUILT FOR COMPLEX SYSTEMS

- Low- and medium-voltage capability
- Engineering + testing under one roof
- Data center & industrial experience
- Calibrated, traceable test equipment
- OSHA 10 & NFPA 70E-trained personnel
- Documented safety & quality procedures

LET'S POWER YOUR NEXT PROJECT.

New installations, existing equipment, or complex system challenges.

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