

# Complex Project Management Expertise



## Systematic Process

Aligning with partners who understand the importance of collaborative communication, who offer a large, flexible workforce, and who maintain an exceptional safety record is critical to your project's success.

For over 50 years Electrical Reliability Services (ERS) has been partnering with contractors, owners and construction firms on major and mega-sized projects. We are familiar with the challenges that come along with complex projects and understand how to execute them effectively. ERS created a systematic process, based on the Project Management Institute, for managing complicated projects that ensures smooth planning and execution.

### As Your Reliable Partner, We Offer:

- An experienced project management team that ensures easy navigation through complex projects
- Seamless exchange of information and updates between all project channels to ensure collaborative communication
- Knowledgeable engineers and technicians who understand critical customer requirements
- A proven track record in managing dynamic schedules and juggling numerous moving parts
- A time driven team who knows how missing milestones can derail a project quickly and has the tools to stay on track
- An experienced team that can identify and resolve challenges before they arrive
- One of the largest teams of Level 3 & 4 NETA certified technicians in the industry
- Corporate commitment to the safety of employees and customers with one of the highest safety ratings in our industry
- Customized reporting system to ensure on-time delivery and NETA compliance



**We ensure your project is successful through superior project management, collaborative communication and risk mitigation.**

Electrical Reliability Services (ERS) offers a dedicated team of professionals including project managers, engineers and field technicians that provide support from pre-construction to closeout.

With hundreds of NETA certified employees on staff, including a deep bench of NETA certified Level 3 & 4 technicians, our partners can be assured we have the scalability to oversee and execute any electrical infrastructure project regardless of complexity or size.

Throughout the decades, we have successfully completed over 100,000 projects. With so much experience, we offer one of the most knowledgeable teams in the industry.

As an extension of your team, please rely on our experts to design, build and safely implement complex projects, regardless of the environment.

### Industry Experience

Since 1971, we have provided electrical engineering and testing solutions in a variety of critical markets, such as:

- Data Center
- Chemicals
- EV Infrastructure
- Manufacturing
- Utility
- Renewable Energy
- Healthcare
- Government

### Comprehensive Service Solutions

Our portfolio of services support the electrical needs for all phases of your construction project. Here are just a few:

- Engineering studies
- Electrical engineering
- Commissioning
- P&C Services
- Acceptance testing

## Protect your investment with acceptance testing

### Acceptance Testing Services

Our experts will ensure your equipment is installed per manufacturer specifications, integrated as needed, and able to safely and efficiently handle the designed load. Services include:

- Visual and Mechanical Inspections
- High Potential Testing
- Cable Fault Location
- HV & LV Transformers
- Ground Fault / Ground Resistance Testing
- Breaker Time Travel Analysis
- Battery Testing
- Voltage/Load Recording
- Load Bank Testing
- Contact Resistance Testing
- Standby & Emergency System Testing
- Current Injection Testing
- Relay Functional Testing
- Thermographic/Infrared Testing
- Partial Discharge Testing
- Fluid/Oil Analysis
- VLF Testing
- Power Factor Testing
- Fall-of-Potential Testing

**Complex Project Management**

- FLEXIBLE WORKFORCE**  
Supervise a nationwide team of NETA certified field technicians
- RISK MITIGATION**  
Quickly identify and resolve challenges before they arrive
- MANAGE DYNAMIC SCHEDULES**  
Accurately manage the demand curve for complex projects
- COLLABORATIVE COMMUNICATION**  
Seamlessly exchange information and updates between all project channels to ensure milestones are hit
- EXCEPTIONAL SAFETY RECORD**  
Committed to the safety of our workers and customers

**50+ Years Experience**

**SAFETY FIRST**

### Safe Work Practices

Safety is our top priority for our employees and customers. To ensure the safety of everyone involved on a project, we designed an electrical safety program that directs activity appropriate to the risks associated with all electrical hazards.

Before the start of any project, we conduct a job safety planning and job briefing meeting to discuss all hazards associated with the project. Participants include our testing team, subcontractors, and key stakeholders to ensure all parties' safety concerns are identified and addressed.

We hold a job briefing meeting every day to ensure we capture and communicate any changes prior to commencing any activity.

### Summary

Entrust your next project to the most dedicated partner in the industry. ERS has a long history of delivering engineering and testing solutions to more than 15,000 repeat customers.

Everyday we track equipment tested and project completion status. Monitoring this on a daily basis allows us to see what our requirements will be, weeks in advance for when equipment will arrive. This attention to detail gives us the ability to quickly identify and resolve issues before they arise.

We offer a systematic approach to project management to ensure easy navigation through complex project planning and execution; providing a scalable workforce with an exceptional safety record.

### Credentials

- Founding member of NETA
- NFPA 70E certified trainers
- NFPA 70B standards development team members
- IEEE committee chair members
- LEED accredited professionals
- BOMA leadership members
- BCxP certified engineers

### More Information

To learn more about ERS's services, please contact us at (888) 468-6384 or visit [ERS.vertiv.com](https://ERS.vertiv.com).