

ELECTRICAL RELIABILITY SERVICES

Directory of Locations and Services



OVERVIEW

Critical Infrastructure Expertise

Whether you need to commission a new facility, perform preventive and predictive maintenance, or extend the life of your equipment, Vertiv™ offers innovative solutions that maximize the performance of your critical assets.

Vertiv's Electrical Reliability Services helps facility, maintenance, and engineering managers mitigate risks and reduce costs through services that increase reliability, reduce operating expenses, and ensure safety and regulatory compliance.

Our Centers of Excellence provide leadership, best practices, expertise, support and training to achieve dramatic improvements in cost, productivity and quality. Key team members include professional engineers, NETA test engineers, compliance engineers, training specialists and more. Through their expertise and our infrastructure support, we can deliver industry leading customer satisfaction by exceeding expectations around quality, service and responsiveness.

With a network of more than 30 locations in North America, our team is available where and when you need us.



Electrical power failure is not an option

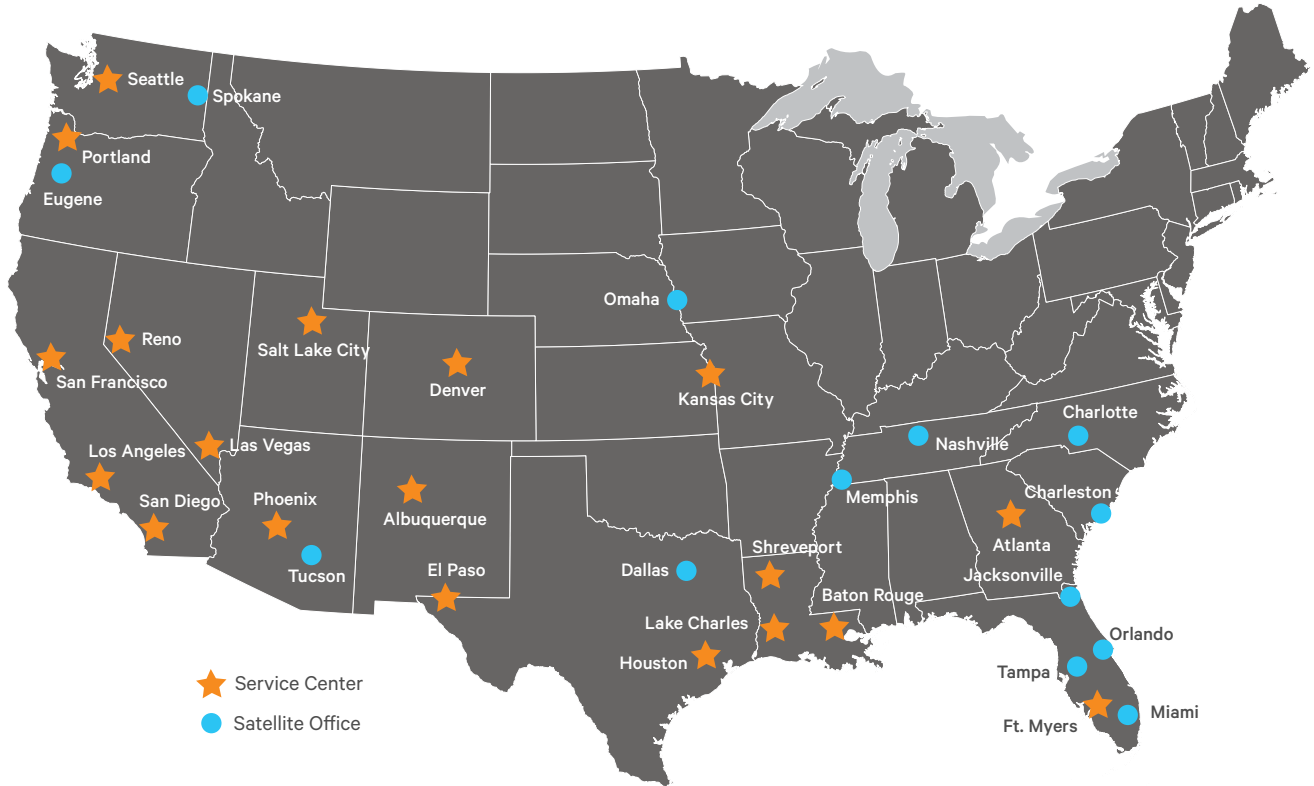
Electrical power is the pulse of your plant. It's vital to your operations, but also dangerous and costly. When your electrical assets fail, profits and people can suffer.

Our goal is to partner with you and provide comprehensive solutions that deliver your desired results. Our unique approach to asset optimization includes benchmarking and jointly formulating your plan, and working with you to implement it for maximum return.

We provide complete lifecycle support for your entire electrical distribution system including:

- Generating stations, substations
- Transformers, PDUs
- Switchgear, circuit breakers, panelboards
- Relays, meters, protective devices
- Drives, motors, starters
- Transmission, distribution and DC systems
- UPS, batteries, generators, automatic transfer switches
- Cables
- Grounding

ELECTRICAL RELIABILITY SERVICES



DIRECTORY OF LOCATIONS

Vertiv's Electrical Reliability Services team serves the United States through strategically located service centers and satellite offices. These locations provide our customers with access to local resources with direct service capability.

Arizona

Phoenix Area Service Center
221 East Willis Rd., Suite 3
Chandler, AZ 85286
PH: (480) 966-4568
FAX: (480) 966-4569

Tucson Area Satellite Office
PH: (520) 572-6235

California

Los Angeles Area Service Center
10606 Bloomfield Avenue
Santa Fe Springs, California 90670
PH: (562) 236-9555
FAX: (562) 777-8914

San Diego Area Service Center
5909 Sea Lion Place, Suite C
Carlsbad, California 92010
PH: (858) 695-9551
FAX: (858) 695-0861

San Francisco Area Service Center
6900 Koll Center Parkway, Suite 415
Pleasanton, California 94566
PH: (925) 485-3400
FAX: (925) 485-3436

Colorado

Denver Area Service Center
7100 Broadway, Suite 7E
Denver, Colorado 80221
PH: (303) 427-8809
FAX: (303) 427-4080

Florida

Ft. Myers Area Service Center
11000 Metro Parkway, Suite 30
Ft. Myers, Florida 33966
PH: (239) 693-7100
FAX: (239) 693-7772

Jacksonville Area Satellite Office
PH: (904) 495-8975

Miami Area Satellite Office
PH: (305) 669-0048

Orlando Area Satellite Office
PH: (239) 707-3521

Tampa Area Satellite Office
PH: (813) 225-3426

Georgia

Atlanta Area Service Center
2275 Northwest Parkway SE
Suite 180
Marietta, Georgia 30067
PH: (770) 541-6600
FAX: (770) 541-6501

Whether it's an emergency or an ongoing project, you need a service partner who can respond where and when you need them. With strategically located service centers across the U.S., you'll receive local response with nationwide capability.

Louisiana

Baton Rouge Area Service Center
3535 Emerson Parkway, Suite A
Gonzales, Louisiana 70737
PH: (225) 647-0732
FAX: (225) 647-0740

Lake Charles Area Service Center
245 Hood Road
Sulphur, Louisiana 70665
PH: (337) 583-2411
FAX: (337) 583-2410

Shreveport Area Service Center
9636 St. Vincent's Avenue, Unit A
Shreveport, Louisiana 71106
PH: (318) 869-4244
FAX: (614) 410-8594

Missouri

Kansas City Area Service Center
400 NW Capital Drive
Lee's Summit, Missouri 64086
PH: (816) 525-7156
FAX: (816) 524-3274

Nebraska

Omaha Area Satellite Office
PH: (531) 215-5630

Nevada

Las Vegas Area Service Center
6351 Hinson Street, Suite A
Las Vegas, Nevada 89118
PH: (702) 597-0020
FAX: (702) 597-0095

Reno Area Service Center
1380 Greg Street, Suite 216
Sparks, Nevada 89431
PH: (775) 746-4466
FAX: (775) 746-4469

New Mexico

Albuquerque Area Service Center
8500 Washington Street NE, Suite A-6
Albuquerque, New Mexico 87113
PH: (505) 822-0237
FAX: (505) 822-0217

North Carolina

Charlotte Area Satellite Office
PH: (704) 516-8345

Ohio

Corporate Headquarters
610 Executive Campus Drive
Westerville, Ohio 43082
PH: (877) 468-6384
FAX: (614) 410-8420

Vertiv Academy
530 Westar Blvd.
Westerville, Ohio, 43082
PH: (614) 841-5400

Oregon

Portland Area Service Center
4099 SE International Way
Suite 201
Milwaukie, Oregon 97222
PH: (503) 653-6781
FAX: (503) 659-9733

Eugene Area Satellite Office
PH: (541) 747-9782

South Carolina

Charleston Area Satellite Office
PH: (904) 495-8975

Tennessee

Memphis Area Satellite Office
PH: (318) 294-6009

Nashville Area Satellite Office
PH: (404) 977-3390

Texas

Dallas Area Satellite Office
PH: (214) 218-2794

El Paso Area Service Center
1057 Doniphan Park Circle
Suite A
El Paso, Texas 79922
PH: (915) 587-9440
FAX: (915) 587-9010

Houston Area Service Center
1426 Sens Road, #5
La Porte, Texas 77571
PH: (281) 241-2800
FAX: (281) 241-2801

Utah

Salt Lake City Area Service Center
9736 South Sandy Parkway
500 West
Sandy, Utah 84070
PH: (801) 561-0987
FAX: (801) 561-0873

Washington

Seattle Area Service Center
2222 West Valley Highway N
Suite 160
Auburn, Washington 98001
PH: (253) 736-6010
FAX: (253) 736-6015

Spokane Area Satellite Office
PH: (509) 370-6209

ELECTRICAL TESTS

- High potential testing
- Cable fault location
- Ground fault testing
- Ground resistance testing
- Fall-of-potential testing
- Point-to-point testing
- Breaker time travel analysis
- Voltage/load recording
- Contact resistance testing
- Insulation resistance testing
- Insulation power factor testing
- Primary and secondary current injection testing
- Frequency response analysis
- Protective system functional testing
- End-to-end testing
- Standby and emergency system testing
- Partial discharge online and offline testing
- Very low frequency (VLF) testing
- Transformer turns ratio testing
- Winding resistance testing
- Dielectric withstand voltage testing
- Excitation/current testing
- Polarity testing
- Ultrasonic testing
- Infrared testing
- Oil/insulating fluid analysis
- Battery capacity testing
- Impedance testing
- Load testing
- Magnetic field (EMF) testing
- Motor surge comparison testing

PROJECT SERVICES

- Commissioning services
- Retro/Recommissioning
- LEED Commissioning
- Acceptance testing
- Startup services
- Project management
- Installation services
- Integrated systems testing
- Electrical engineering

MAINTENANCE SERVICES

- Preventive Maintenance
 - Turnaround and outage support
 - Periodic inspection, cleaning and lubrication
 - Electrical testing
 - Calibration services
- Predictive Maintenance
 - Partial discharge testing
 - Infrared/thermography
 - Ultrasonics
 - Oil/Fluid analysis
- Corrective Maintenance
 - Troubleshooting
 - Repair services
 - Spare parts
- Maintenance Management
 - Maintenance planning
 - Program development
 - Outage planning
 - Method of procedures (MOP) development

ENGINEERING SERVICES

- Single/three-line diagrams
- Short circuit/coordination study
- Arc flash study

ENGINEERING SERVICES CONTINUED

- Power quality/harmonics
- Load flow analysis
- Power factor study
- Grounding study
- Power system study
- Relay design and integration
- System logic and control settings
- Fault analysis/troubleshooting

EQUIPMENT UPGRADES & REPLACEMENTS

- Turnkey relay retrofits, upgrades and replacements
- Circuit breaker retrofits/upgrades
- UPS retrofits/upgrades
- Battery replacements
- Direct replacement breakers

COMPLIANCE SERVICES

- NERC compliance programs
- NFPA compliance programs
- OSHA safety training
- Arc flash compliance services
- Code/conformity compliance

EDUCATIONAL SERVICES

- Specialized equipment training
- Safety training
- Safety audits
- Skill and training needs assessment
- Safety documentation
- Policy and procedure development

SERVICE MANAGEMENT & SUPPORT

- Customer resolution center
- 24x7 emergency response
- Disaster recovery services