



ELECTRICAL UTILITY SERVICES:

Substation



INTREN is an award-winning WBE specialty contractor that works with the nation's largest utilities, private contractors and developers, municipalities, and cooperatives. Our substation team has in-depth experience providing construction services for 12 kV to 765 kV substations. In addition to large-scale design/build ventures, we offer system maintenance and repairs—making us a full-service firm with an unparalleled commitment to safety and quality.

We work with our customers and associated vendors to bring value-added ideas and plans to each project, so we can deliver the best possible product by the job's end.

OUR SUBSTATION CAPABILITIES INCLUDE:

- Below grade (greenfield): civil, electric, and grounding
- Above grade (brownfield): structure and equipment installation
- Testing support; commissioning
- Maintenance
- Maintenance repairs on GIS breakers
- Structure erection
- CBs, CTs, PTs
- Transformer replacements
- Capacitor banks
- Bus work
- Switchgear
- Concrete installation
- Station grounding
- Wave traps
- Demolition
- Yard extensions
- String line bus

OTHER ELECTRICAL SERVICES:

- Transmission
- Overhead distribution
- Underground residential distribution
- Heavy underground network systems
- Storm and emergency response
- Distribution fault repair
- Directional boring
- Specialty services

FEATURED PROJECT

This substation static VAR compensator (SVC) completed in Chicago was part of a newly expanded facility built to increase energy capacity in the area. The project, which was completed on time with zero incidents, consisted of complete SVC outdoor equipment installation along with the installation of associated inside equipment for relays and controls.



Specific outdoor equipment installation included PT/CT combination metering units; vertical and horizontal disconnect switches; three-phase capacitor banks; arresters, resistors, and current/potential transformers; 500 kVA three-phase pad-mounted service transformers; and steel and overhead bus installation for all associated equipment. Indoor equipment installation included wall bushings, thyristor valves, voltage dividers, relay panels, batteries (racks and chargers), panels, AC/DC inverters, lights, receptacles, alarms, and wiring for all building services.



Substation

OVERVIEW



INTREN is **changing the face of construction.** We've been outperforming for our customers for 30 years—integrating our core values into the way we do business and serving as stewards of our customers' goals.



**ELECTRICAL
UTILITY SERVICES**



**GAS
UTILITY SERVICES**



**COMMERCIAL
AND INDUSTRIAL
SERVICES**



**STORM
RESPONSE**



**CONSTRUCTION
MANAGEMENT
SERVICES**



**VEGETATION
MANAGEMENT**



**SPECIALTY
SERVICES**

WHAT CAN YOU EXPECT WHEN YOU WORK WITH INTREN?

SAFETY

INTREN is committed to achieving best-in-class safety every single day. It's what sets us apart. We reach toward our company-wide commitment of "target zero" through comprehensive safety protocols, along with ongoing and extensive education, training, and collaboration. Safety is about caring for our employees, our clients, and the customers they serve.

QUALITY

The INTREN customer-centric, ISO 9001:2015-compliant quality program is agile, scalable, and financially responsible. Our quality program provides stakeholders pragmatic solutions developed by subject matter experts that improve processes, create efficiencies, lower costs, and reduce waste.

CUSTOMER FOCUS

INTREN is an industry leader that delivers custom, innovative, and comprehensive solutions. We develop long-term partnerships while treating our customers' needs as our own.

DIVERSITY

As one of the largest owned and operated WBEs in the utility contractor sector, INTREN is a first-tier 100% MWBE with a robust second-tier mentoring program and over 60 active registered MWBE companies. Whether it's through a minority jobs training program or our support of diverse organizations nationwide, INTREN is committed to building excellence through diversity.

ENVIRONMENTAL SUSTAINABILITY

INTREN has made significant strides in measuring and reducing our impact on the environment. We've also begun to make long-term investments in technology and techniques that reduce emissions, and are dedicated to staying ahead of customer demands. From purchasing 50% renewable clean energy to utilizing eco-friendly vehicles and non-potable water for boring, INTREN has turned commitment into action!



Ready for unrivaled results?
Call 815.923.2300 or email your INTREN representative to initiate your next project.

OutPerforming. Everyday.

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