

Ulteig We listen. We solve.[®]



STATEMENT OF QUALIFICATIONS

| POWER

ULTEIG POWER QUALIFICATIONS



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WHO WE ARE

Ulteig is a leader in the engineering industry. We are a team of forward-thinking, innovative experts who make critical connections, putting together the complex, multi-disciplinary strategies needed in today's changing world.

In over 75 years, the Ulteig team has expanded to more than 900 professionals, offering a full range of engineering solutions across 13 offices and various satellite locations throughout North America. We are well-positioned to respond to our clients' evolving needs in a flexible, agile and collaborative manner.

Today, Ulteig manages an average of 2,000 technical and field service projects per year. We are continually expanding our portfolio of projects that serve our core Lifeline Sectors®.

THE VALUES AT OUR CORE

- | | |
|-----------------------|---|
| CLIENT SUCCESS | We create exceptional value through our expertise and collaborative approach. |
| INTEGRITY | We are authentic and always do what's right. |
| ENTHUSIASM | We are passionate about the work we do and have fun doing it. |
| INCLUSION | We seek diverse backgrounds, empower all voices, and value all perspectives. |
| AGILITY | We act with speed, flexibility and balance. |
| INNOVATION | We leverage ingenuity and foster creative outcomes. |

AWARDS AND RECOGNITION



IN 2022, ULTEIG
**MOVED UP
15 SPOTS**
IN THE RANKINGS TO
#124

ON THE ENGINEERING
NEWS-RECORD (ENR) ANNUAL
TOP 500 DESIGN FIRMS LIST.

TOP WORKPLACE RECOGNITION

- ZWEIG GROUP HOT FIRM
THE DENVER POST
MINNEAPOLIS/ST. PAUL BUSINESS JOURNAL
STAR TRIBUNE
PRAIRIE BUSINESS MAGAZINE
BEST PLACE FOR WORKING PARENTS

HOW WE WORK

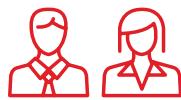
More than ever before, communities rely on the connections that bring infrastructure, services and information to their citizens. Ulteig is committed to designing, planning, building, sustaining and maintaining the interconnected infrastructure vital to everyday life.

OUR PEOPLE & THE PROMISE WE MAKE:

Ulteig is wholly built on the belief that growth starts with individual achievements. Innovation requires talented, curious people. Our employee-owners work in multi-disciplinary teams across core Lifeline Sectors® to learn from each other, create new approaches and devise expert solutions.

In 2021 alone, the Ulteig team grew by nearly 25%. With more than 900 employee-owners completing projects in 46 states and 2 provinces in Canada, and projected growth in 2022, our footprint continues to span North America.

100%
EMPLOYEE OWNED



950+
EMPLOYEES



300 LICENSED
PROFESSIONAL ENGINEERS



260+
SUBSTATION
EMPLOYEES



85+
AUTOMATION, INTEGRATION &
SYSTEM PROTECTION EMPLOYEES



60+
T&D
EMPLOYEES



125+
CIVIL EMPLOYEES



75+
ENERGY SOLUTIONS
EMPLOYEES



175+
PROJECT MANAGEMENT &
FIELD SERVICE EMPLOYEES





LIFELINE SECTORS®

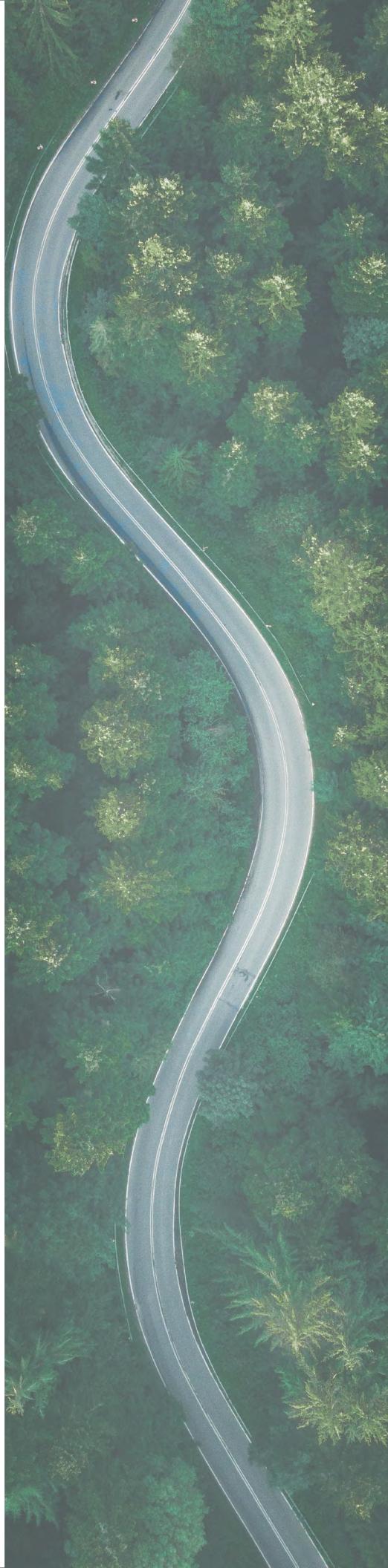
At Ulteig we work across the country's entire infrastructure, the silent foundation that sustains everyday life. We specialize in **Power, Renewables, Transportation and Water**, and call these **LIFELINE SECTORS**.

We registered the term Lifeline Sectors because we feel so strongly about what we do. We are creating and maintaining lifelines. We are helping people live cleaner, safer and healthier lives.



[Learn more about Ulteig's Lifeline Sectors](#)





LIFELINE SECTORS



POWER MARKET OVERVIEW

America's power grid and infrastructure have come under increasing challenges in three key areas: **asset management, grid modernization and operational excellence**. Ulteig is a proven infrastructure partner, working with progressive power companies to overcome these challenges with integrated, expert solutions that produce exceptional results.

We serve a wide range of electric utility clients, including investor-owned utilities (IOUs), electric cooperatives and municipally-owned utilities. Our solutions are instrumental in helping our clients achieve success when addressing aging infrastructure, limited space, demand for smart grid technology, renewable integration, reliability and resiliency, growing O&M needs, pricing pressure, an aging workforce, limited resources and compliance.

Ulteig is made up of experts with different combinations of experience — across our Power Lifeline Sector and throughout our many Solutions. Together our Power team brings precisely the right skills, education and training to collaborate relentlessly and create innovative solutions, however complex your challenge or need. Our Power team works in the following key market areas: Substation, Transmission, Distribution, System Integration, Grid Modernization and Energy Storage.

EXPERTISE

SUBSTATION
TRANSMISSION
DISTRIBUTION

SYSTEM INTEGRATION
GRID MODERNIZATION
ENERGY STORAGE



DID YOU KNOW?

Ulteig received a National Recognition Award in the American Council of Engineering Companies (ACEC) 2021 Engineering Excellence Awards (EEA) competition for the Newport Substation Interconnect project.



NEWPORT SUBSTATION INTERCONNECT | WAPELLO, IA

Among the cornfields in southeastern Iowa, near the small town of Wapello, where the Iowa and Mississippi Rivers converge, lies the Newport Substation.

In 2019, the Central Iowa Power Cooperative (CIPCO) embarked on a project to reconfigure its Newport Substation and add a line in response to a request for a solar interconnection. The substation, located slightly to the south of Wapello, Iowa, serves as an access point for generation onto CIPCO's eastern Iowa power grid.

"Based on our experience with substations and interconnects," said Patrick Deibel, P.E., A technical manager with Ulteig's substation team, "Ulteig was awarded the design to reconfigure the Newport Substation and connect it with a new solar project being built on 800 acres adjacent to the substation."

Working on the Newport Substation was familiar ground for Ulteig's engineers. Just two years earlier, Ulteig assisted CIPCO in the redesign of a 161 kV ring bus to expand the Newport Substation to provide more reliability to the overall system. During the start of design and construction in 2017 and 2018, a future line position was not needed, but the new design was added to provide for future positions to be integrated into the expansion.

TECHNOLOGY INNOVATION

The search for innovative ways to solve client challenges better, faster and more efficiently never ends. The pandemic may have constrained certain aspects of the way Ulteig team members work, but it didn't constrain their ability to think outside the box to find novel solutions to the year's myriad of challenges. In fact, it was quite the opposite. The constraints the pandemic imposed fed into team members' passion for problem solving and inspired new ways of thinking. Here are a few examples:

In Texas, at the height of COVID-19 travel restrictions, Ulteig engineers devised an innovative solution that enabled them to successfully perform SCADA integration remotely, from 1,000 miles away. In addition, when Ulteig couldn't send a team to the field, it brought the field to the team. Ulteig developed 360 VMI, a seamless integration of 360-degree video and GIS web mapping. This application reduced the number of in-person site visits and kept the project on track.

Innovation isn't always a new product or technology. Sometimes it's a new process, methodology or approach to solving client challenges. For example, when a devastating derecho hit the Midwest in August, the Ulteig team, with limited time and resources, pivoted quickly and decisively, working days and nights to deliver an outside-the-box solution built around a streamlined design methodology that restored power and put the Cedar Rapids, Iowa, community on the path to recovery. Work that normally would have taken weeks was compressed into days.

Because creating innovative tools and unique applications of technology is an important part of Ulteig's culture, there's no shortage of stories like these. In 2020, Ulteig didn't merely react to change, it put its spirit of innovation to work and initiated the change. Ulteig harnessed the power of technology, the creativity of its team members' imaginations and the boundless possibilities of innovation to help its clients and the communities it serves.



ERIC STERN | DIRECTOR, TECHNOLOGY INNOVATION

“ WE'RE NOT A STATIC COMPANY. WE DON'T JUST CONTINUE TO DO THE SAME THING OVER AND OVER AGAIN. WE ARE PROBLEM SOLVERS. WE'RE ALWAYS LOOKING TO DO BETTER. TECHNOLOGY PLAYS A BIG ROLE IN THAT. ”



MADE BY ULTEIG

At Ulteig, innovation is in the company's DNA. At every level, in every department, and in every position in the company there are opportunities to do things differently, faster, more efficiently, and better. "Made by Ulteig" (MBU) is proof of the company's deep commitment to fostering a spirit of innovation within its walls. Developed, curated, and built throughout 2020, the internal MBU platform is a showcase of Ulteig's culture of innovation at work. The platform houses hundreds of custom employee-created innovations, such as tools and calculators, that have been developed over the years to improve processes and client outcomes. And now they're available in one easy-to-navigate database, where they can be scaled, redeployed, commented on and iterated.

WHAT'S NEXT?

Success in 2020 was defined by, and dependent on, technology. The years ahead are sure to be shaped by the company's ability to continue to leverage technology and innovation to the advantage of its team members and clients. Here are a few things Ulteig's Technology Innovation team is actively exploring:

- 1 NEW MIXED & AUGMENTED REALITY TECHNOLOGIES**
- 2 CLOUD COMPUTING & AI**
- 3 AUTOMATED CONSTRUCTION EQUIPMENT**
- 4 3D MODELING**
- 5 ADVANCES IN ENERGY STORAGE**
- 6 BIG DATA / ANALYTICS**

LAND SERVICES

- Land Surveying
- Geographic Information Systems (GIS)
- 360 Video Mapping Integration (VMI)
- Right-of-Way (ROW) Acquisition

ENVIRONMENTAL

- Desktop and Field Analysis
- NEPA
- Permitting
- Reporting

PLANNING AND STUDIES

- NERC/ISO Compliance
- Transmission Planning
- Post-construction Studies
- Grid Modernization

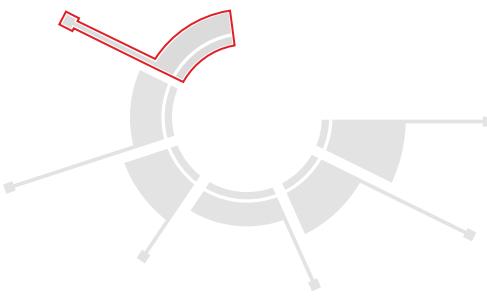
INTEGRATED SOLUTIONS

Clients depend on us to deliver comprehensive engineering and technical services that strengthen infrastructure vital to everyday life. We provide services in six primary areas of expertise. Ulteig Solutions can be leveraged according to your project needs across all of our **LIFELINE SECTORS**.



Click each title to navigate straight to that section.





LAND SERVICES

LAND SURVEYING

Ulteig has the distinct combination of capacity and experience to deliver a wide range of surveying services to meet your specific project needs. We provide a one-stop shop for our clients, which can fast-track a project and reduce coordination efforts and risk. Our in-house surveying capabilities are comprehensive to support your project needs and include boundary surveys, construction staking surveys, topographic surveys and more. To complement our in-house survey solution capabilities, Ulteig may also leverage our network of trusted subcontractor partners to perform specialty survey scopes of work, such as LiDAR surveying, depending on the project location.

EXPERTISE

- Cadastral surveys
- Boundary surveys
- ALTA/NSPS land title surveys
- Micrositing
- Utility locating - Quality level B
- Due diligence and constraint analysis support
- Control surveys
- Land divisions and subdivision platting
- Easement surveys and land descriptions
- Mapping
- Topographic design surveys
- Construction staking surveys
- Pre & post construction haul route road scan

RIGHT-OF-WAY ACQUISITION

As the layout of the project takes shape, right-of-way acquisition is an essential step in the process of developing a concept into a successful project site. Ulteig's experienced real estate professionals deliver site acquisition and right-of-way services for a wide range of projects. Ulteig's experts negotiate land purchases, leases, options and easements to best meet the client's project objectives and criteria. The team also handles document preparation, permitting, land title searches and public presentations.

EXPERTISE

- Roadway, large-scale electric transmission and pipeline corridors
- Utility scale renewable projects
- Relocation assistance and services
- Land acquisition
- Title research
- Crop damage assessments
- Lease program management



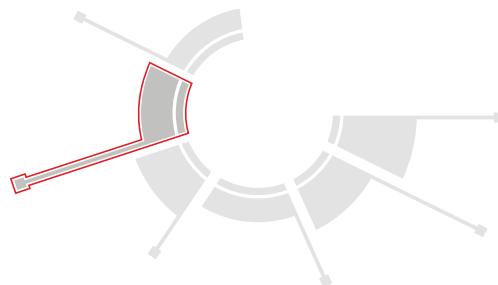
GEOGRAPHIC INFORMATION SYSTEMS

Geographic Information Systems (GIS) technology is one of many innovative surveying services that Ulteig tailors to meet the unique needs of our clients. Our GIS team uses the most up-to-date GIS software to provide customized geospatial solutions built around your business requirements. Ulteig's wide-ranging solutions include data collection and custom mapping, GIS server solutions and technical support for utilities, commercial organizations and various levels of government.

We are using 360-degree cameras to collect videos of project areas by attaching the camera to a vehicle or walking down a corridor. This video is then integrated into our web mapping system to allow the user to click on a map and start the video at the time stamp of that exact point. This application reduces the number of return trips to the field and gives us yet another innovative tool to communicate more difficult design situations with our internal staff and clients. Because innovation has no finish line.

EXPERTISE

- Geometric network modeling
- Site selection
- GIS needs assessments and implementation plans
- Suitability modeling
- Mobile mapping solutions
- Utility mapping and modeling



ENVIRONMENTAL

No matter the size of your project or the level of complexity, our Ulteig environmental team keeps your project on track. Period. We know from experience what it takes to navigate obstacles, overcome challenges and manage the many critical stakeholder relationships along the way.

Earning your business matters, but earning your trust is everything. We believe in collaboration, total transparency and wide-open lines of communication.

No matter the size of the project, Ulteig's environmental services team:

- Builds trusted relationships with agencies and clients
- Handles and prepares environmental documentation, permitting and fieldwork
- Collaborates with design teams and other partners
- to meet regulations
- Leans on expertise as both engineers
- Finds expedient solutions to unanticipated problems
- and environmental professionals

EXPERTISE

DESKTOP AND FIELD ANALYSIS

- Wetlands – Delineations, Mitigation, Banking, Monitoring
- Environmental Monitoring – Construction, Wetlands, Vegetation, Wildlife
- Restoration – Vegetation, Soils, Wetlands
- Federally Listed Threatened and Endangered Species - Presence/Absence Surveys, Habitat Surveys, USFWS Consultation (Sections 7 and 10), Habitat Conservation Plans
- State Listed Species- Presence/Absence Surveys, Habitat Surveys, Agency Coordination
- Environmental Site Assessment – Desktop, Phase I, Phase II
- Avian and Bat Protection Plans & Avian Risk Assessments
- Asbestos-Containing Materials (ACM) and Lead-Containing Paint (LCP) Sampling
- Health and Safety Plans (Pre-Construction, Soil, Groundwater)

Environmental Management Plans (Invasive/ Endangered Species, Wetlands, Habitat)

- Environmental Remote Sensing
- Noise Analysis Abatement and Reporting
- Floodplain Analysis
- Environmental Siting and Route Studies
- Viewshed Analysis

NEPA

- Environmental Impact Statement
- Environmental Assessment
- Categorical Exclusion
- Public and Stakeholder Involvement

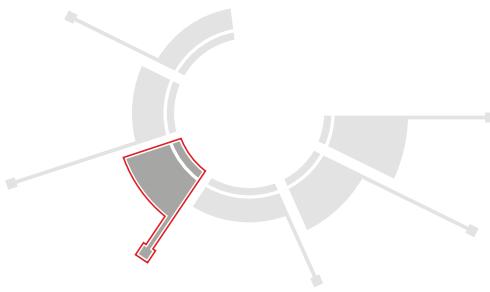
PERMITTING

- Wetland Permitting - Federal, State & Local Permits, Routing/Siting Permits
- Spill Prevention Control & Countermeasure (SPCC)
- Stormwater Pollution Prevention Plan (SWPPP)



BAYOU TO ELIZABETH 115KV REBUILD | CO

Ulteig performed environmental, permitting, land acquisition, transmission engineering, and project management for this large Colorado cooperative client. A preliminary desktop evaluation was completed to determine environmental resources within the project area. A subsequent field visit was conducted to verify on-site conditions, assess habitat suitability for federal and state listed species, identify wetlands and determine if additional surveys and permits were necessary. Prior to construction activities, Ulteig completed the avian nest survey within the project area. Federal and state agencies were contacted to request known raptor/eagle nests in the vicinity of the project area, and if found these nests would be verified during the survey. New nests identified within the project area would be mapped and pertinent information recorded (e.g., species, number of individuals, nesting material, etc.). Guidance and avoidance measures per Colorado Parks and Wildlife were provided based on the survey results. A permit matrix was created to identify state and County permits required for the project. In addition, Ulteig provided land services for this project including estimating and creation of offer packages for temporary construction and access easements. Ulteig conducted research of public records to identify property owners along the transmission line and prepared notification letters for pre-design & pre-construction and created a landowner stipulation summary for the cooperative. Ulteig also performed the engineering design and project management for the 115 kV transmission line.



PLANNING AND STUDIES

Our goal is to ensure that consensus is reached and innovative, expert solutions are carried out, creating efficiencies and facilitating communication along the way.

POWER SYSTEM STUDIES

Ulteig is well-positioned to conduct a wide range of studies in transmission, distribution, generation interconnection and economic feasibility. We manage all aspects of the studies in-house, resulting in better efficiency and communication, and giving you direct and reliable access to our team.

Our studies help clients weigh the myriad alternatives in the energy market and make informed business decisions. With our vast experience and knowledge of the regulatory environment, we provide insightful analysis to help guide in decision-making, and advise of potential pitfalls and future project considerations. We maintain several industry-leading software licenses to ensure we meet every client's system requirements.

EXPERTISE

TRANSMISSION PLANNING

- *Transient and dynamic stability studies*
- *Power flow and contingency analysis*
- *Economic conductor analysis*
- *Interconnection studies*
- *Wide area studies for multi-resources*
- *TPL-001 study*
- *Cascading failure analysis*
- *Transmission line path studies*
- *Mitigation solutions for multiple voltage and thermal violations*

POST-CONSTRUCTION STUDIES

- *Capacitor bank switching studies*
- *Fuse/breaker coordination studies*
- *Transient Recovery Voltage (TRV) studies*
- *Post-construction harmonic metering and analysis*

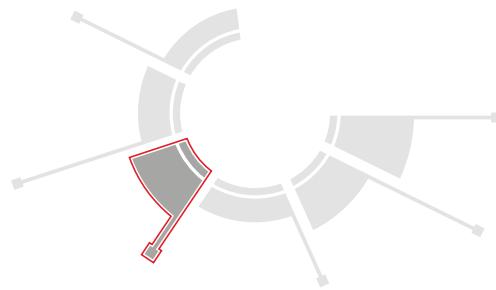
NERC/ISO COMPLIANCE

- *Transient and dynamic stability studies*
- *Power flow and contingency analysis*
- *Complete network dynamic stability studies for NERC 754 critical clearing and cluster studies*



TRANSMISSION PLANNING FOR LARGE INVESTOR-OWNED UTILITY | COLORADO

Ulteig supports a large investor-owned utility performing studies for their transmission planning department. Ulteig's scope of work includes generator interconnection studies for proposed renewable projects to the system and other transmission studies. Study details include evaluation of various system impacts such as voltage range violations, higher-queued generation, and existing generator settings. Studies performed include load flow, contingency, and/or stability analysis depending on the studied facility. A report is prepared providing recommendations for the proposed generator as well as necessary upgrades or system modifications.



PLANNING AND STUDIES

GRID MODERNIZATION

As energy generation and usage demands evolve, it's imperative that utilities modernize their grids to meet present and future realities including the increased penetration of Distributed Energy Resources (DERs). Our team of grid modernization experts will work with you to develop unique solutions to achieve your strategic goals. We will partner with you to create and implement a well-designed grid modernization plan with long-lasting benefits. We maintain several industry-leading software licenses to ensure we meet every client's system requirements.

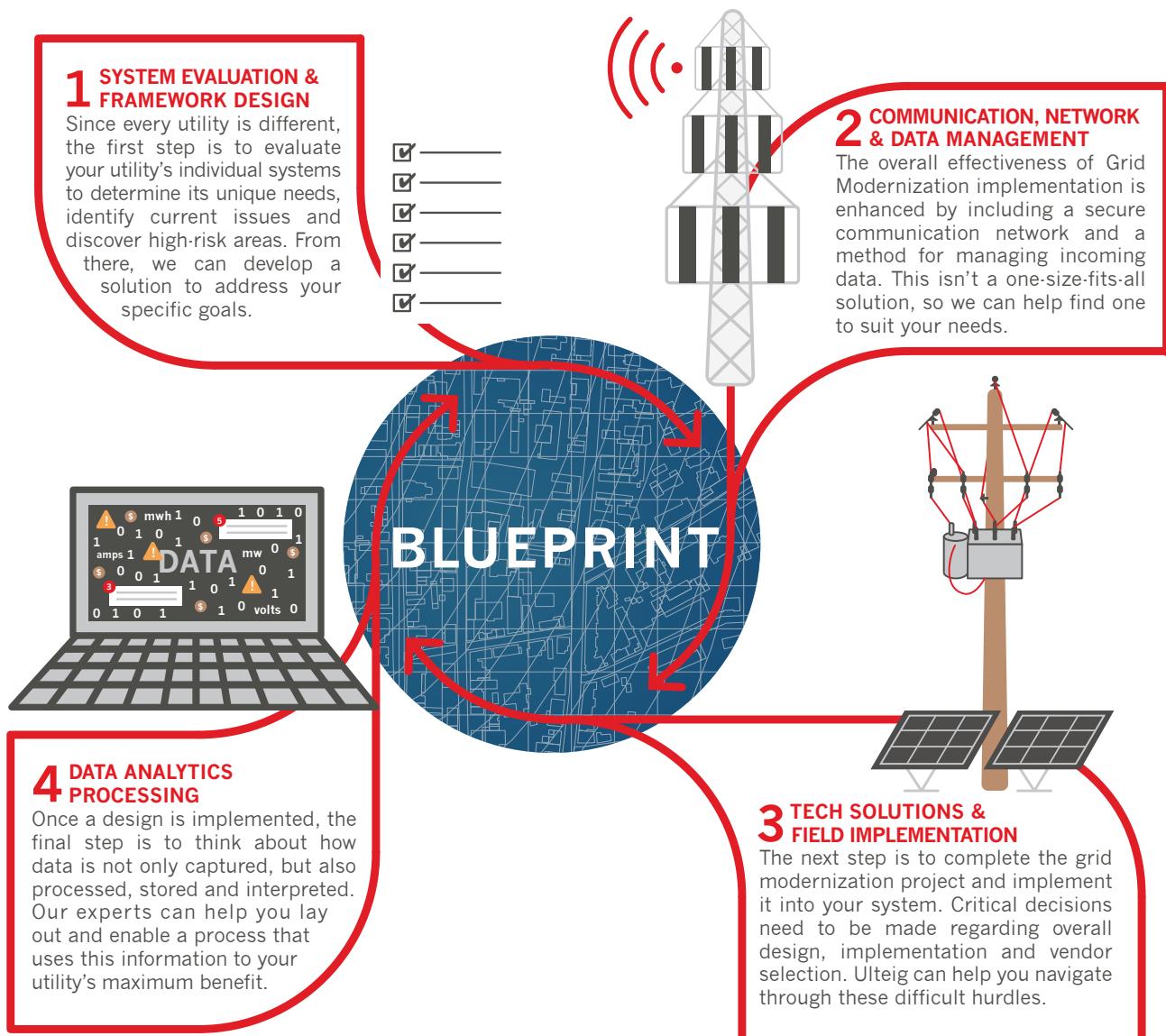
EXPERTISE

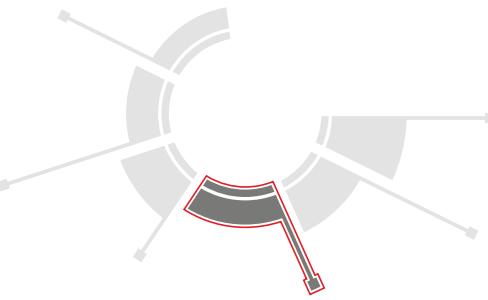
- *GIS Mapping of the Electric System*
- *Distribution Planning and Studies*
- *Fault Current, Power Flow, Voltage Drop, Coordination, Load Balancing*
- *Electric System Model Development*
- *Power Quality*
- *Peak Demand Management*
- *Volt/VAR Optimization*
- *System Reliability*
- *Grid Resiliency*
- *Automated Fault Location, Isolation & Service Restoration*
- *Conservation Voltage Reduction*
- *Distributed Energy Resources (DERs) Impact Analysis*
- *Grid Modernization and Technology Road Map Development*
- *Policy Changes*
- *EV Impact Analysis*

WHY GRID MODERNIZATION? As the electric grid continues to age, it is imperative to develop a holistic approach to a grid modernization strategy. This helps develop proactive solutions that maximize efficiencies and provide resilient and reliable power while adapting to ever-changing technologies affecting our nation's network. Grid modernization provides electric utilities of any size with an opportunity to address challenges associated with the evolving grid.

GRID MODERNIZATION CYCLE – We partner with electric utilities to develop future-ready modernization strategies designed to anticipate and meet the energy supply and demand challenges of the years ahead. We use a set of unique criteria, along with an electric system model, to customize a solution to meet your needs. Solutions typically include one or more of the following principles: **RELIABILITY, RESILIENCY, HARDENING, VISIBILITY, ADAPTABILITY AND SYSTEM INTEGRATION.**

Not sure where to start? Generally, we recommend the following four stages to build the blueprint for your long-term grid modernization strategy. Enter the process at whatever step makes the most sense for your utility.





DESIGN AND ENGINEERING

We put our vast knowledge and experience to work for you, assisting from conceptual design through detailed design and construction support. Ulteig's designs are context-sensitive and cost-effective. They strive to balance the competing needs and desires of the clients and end users.

We offer detailed design work, development and review of design calculations, selection and design implementation. Our goal is to provide solid commitment through unmatched client services and create a positive experience for our clients.

SUBSTATION

Ulteig provides a full scope of services to ensure that new and existing substation facilities meet the highest level of safety and quality standards. We have successfully engineered and designed more than 1,000 high-voltage substations, switching stations and interconnect stations – from 5 kV to 500 kV – for investor owned utilities, cooperatives, municipalities, contractors and developers.

In addition to our core services of substation engineering design, we also offer SCADA and network design/programming and on-site integration (system integration), relay programming and event analysis, grid modernization, environmental and power system studies.

EXPERTISE

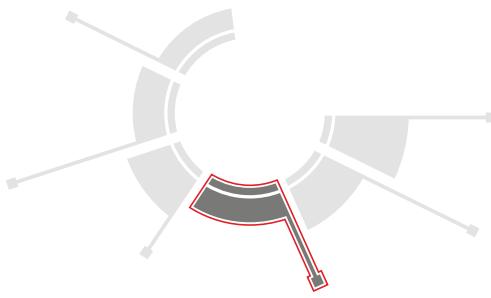
- Project scoping
- Preliminary arrangement
- Site selection
- Siting and permitting support, including photo renderings
- Facility studies
- Construction estimating and support
- Grading design
- Control equipment enclosure design and specification
- Auxiliary power system design
- Station battery system sizing
- Fault coordination studies
- Electrical control and design
- Physical design
- Structural steel design
- Material ordering, tracking and expediting
- Equipment specifications
- Programmable Logic Controller (PLC) and Human-Machine Interface (HMI) programming
- Protective relay settings developments
- System control and data acquisition (SCADA) and network design
- Spill prevention, control and countermeasure (SPCC) plan
- Stormwater pollution prevention plan (SWPPP)
- Event analysis and evaluation
- Lightning protection
- Grounding
- 3D design



FOUNDATION REPLACEMENT UTILIZING HELICAL PILES

The existing transformer at a Minnesota substation was overloaded, and the 4 kV equipment was aged and deteriorating. The project requested by the client was an electrical upgrade involving the replacement of the existing 69-4.16 kV transformer with a new 69-23.9 kV transformer. During initial site visits, however, the foundations for an existing substation box structure were clearly in severe need of repair, reinforcement or replacement due to concrete deterioration and poor soil conditions—adding time and complexity to the project scope. A design to mitigate clashing with existing foundations and underground cables was required, and the entire project needed to be completed while the equipment mounted on the structure was energized.

The unique conditions led Ulteig to use a technology somewhat rare for the utility industry in our region: helical piles. In the construction phase, while installing the helical pile foundations, other challenges were encountered, including navigating around underground cables, temporary shoring of structure with energized equipment, temporarily relocating major equipment to install the helical piles, winter construction during the 2019 Minnesota polar vortex, and spring flooding toward the end of construction. The use of helical piles was a critical factor in allowing Ulteig to successfully navigate around all the challenges, delivering a finished project that will provide safe and reliable energy for the community well into the future.



DESIGN AND ENGINEERING

CAISO

CAISO RIG AND METER ENGINEERING

Ulteig is a RIG Third Party Engineering Firm and an Approved Meter Inspection Company that offers in-house CAISO Authorized Inspectors. We can design, execute and support any new and existing RIG and metering installation. Whether you're performing a QF conversion or looking to participate in the market as a Hybrid Resource, Ulteig has the skillset and qualifications to make it happen.

CAISO NRI PROCESS MANAGEMENT

Ulteig is experienced in the CAISO New Resource Implementation (NRI) bucket process and requirements; our consulting services will make the process as seamless and transparent as possible. We will leverage our experience to stay ahead of issues and pitfalls, monitor the progress of your project's schedule versus the deliverables and provide on-site and remote support as your project approaches its Commercial Operation Date (COD). From your first Project Details Form to Commercial Operation we can lead the process, manage document and information retrieval and submit documents to the ISO on your behalf.

CAISO ANCILLARY SERVICES

Ulteig can assist with, or fulfill additional requirements necessary at some CAISO facilities.

EXPERTISE

- Revenue Meter design & integration
- Complex metering schemes
- Remote Intelligence Gateway (RIG) design & integration
- RIG Certification renewals
- New Resource Implementation (NRI) process management
- Energy Imbalance Market (EIM) process management
- Energy Communication Network (ECN) facilitation
- Qualifying Facility (QF) conversions
- Equipment specifications
- Site surveys
- Remote and in-field support
- Design compliance review
- Milestone and deliverable tracking
- Meteorological (MET) Station implementation
- Third-party monitoring system integration
- Annual meter re-certifications
- Load profile data retrieval
- Troubleshooting and repair



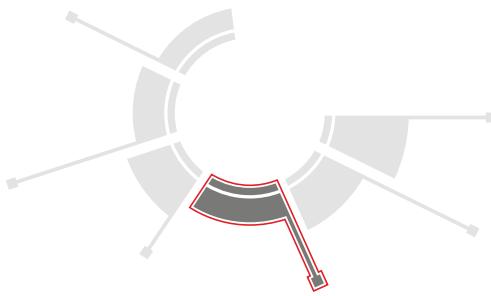
ROSAMOND CENTRAL SUBSTATION | ROSAMOND, CA

Rosamond, California – In 2020, Clearway Energy Group broke ground on a new solar farm, the 192-MW Rosamond Central, designed to interconnect with the nearby Teddy Rosamond Substation. Ulteig was contracted through Nor-Cal Controls to perform SCADA integration for the Teddy Rosamond Substation. More specifically, Ulteig's performed Independent System Operator (ISO) integration based on California ISO (CAISO) regulations – the strictest in the U.S. Any generator that participates in the California open energy market must comply with CAISO requirements.

Metering – Ulteig provided CAISO services for both owner meters and PPA meters (five offtakers). Ulteig installed 14 CAISO meters within the boundaries of the Teddy Rosamond substation, which connected the Rosamond Central solar farm with the CAISO grid system at SCE's Whirlwind 220 kV Substation.

CAISO RIG integration – Ulteig installed a Remote Intelligent Gateway (RIG), a device designed to collect and forward data to CAISO. CAISO pulls data every 4 seconds to keep track of generation in real time. Any generation facility that wants to interconnect at the transmission level must install and maintain a field RIG that meets CAISO requirements.

Consulting and management – Ulteig helped throughout the entire New Resource Implementation (NRI), which is a process specific to CAISO regulations.



DESIGN AND ENGINEERING

SYSTEM INTEGRATION

As an owner or operator within the renewable or power utility markets, it is important to have a reliable plant controller, SCADA system and communication network in place. The system should be versatile, providing customized data, monitoring and control measures that can dynamically adapt to anomalies and outages, and even predict failures.

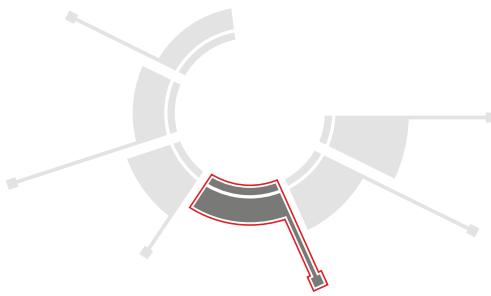
Ulteig defines System Integration as the ability to incorporate data and control sub-system equipment from multiple vendors and bring them together into a single unified system that meets the owner's operational and regulatory needs.

Ulteig's team of System Integration professionals offers an extensive set of Supervisory Control and Data Acquisition (SCADA) and networking design services. These services can be part of an upfront collaborative effort on a greenfield site or added to an existing site. Our experts will work with you to deliver a customized solution that meets your specific needs.

EXPERTISE

- *SCADA Design & Integration*
 - *RTU programming*
 - *Custom HMI display development*
 - *Owner's Engineer commissioning*
 - *Systems audit*
 - *Proactive/preventative maintenance*
 - *Plant optimization*
 - *NERC CIP compliance*
- *Network design & integration*
 - *Historical data collection & custom reporting*
 - *System event alerts*
 - *Alarm scheme design & integration*
 - *Data management & integration*
 - *Custom coding*
 - *Trending display configurations*
 - *Synchrophasors*
 - *Plant control for PV & BESS*

OUR ENGINEERS TEST COMMUNICATIONS,
I/O AND PROGRAMS/CONFIGURATIONS IN OUR
ADVANCED ENERGY LAB (AELAB),
A CONTROLLED ENVIRONMENT DESIGNED TO MIMIC MULTIPLE
SUBSTATION CONFIGURATIONS.



DESIGN AND ENGINEERING

TRANSMISSION

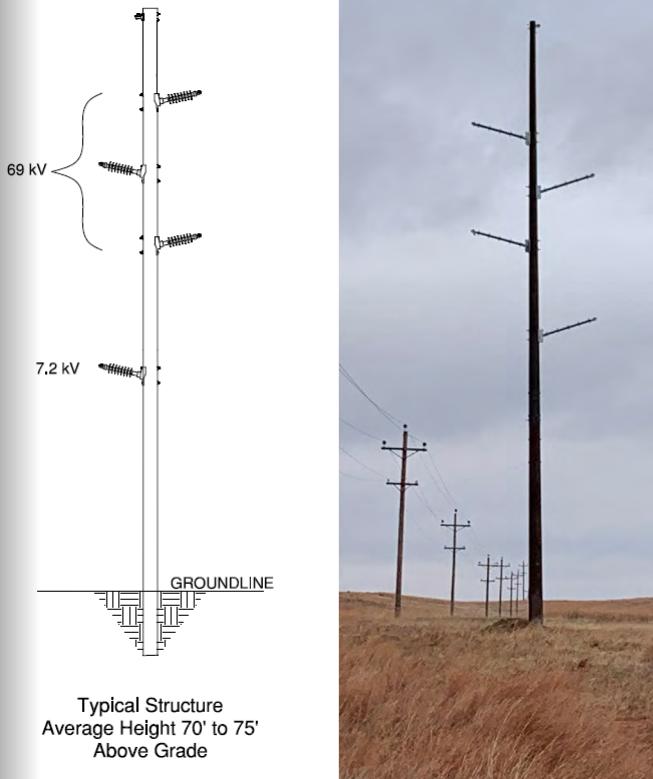
At Ulteig, no transmission line project is too big or too small for our team of engineers who are 100% dedicated to transmission line design and engineering. Based on over 75 years of experience in serving the power industry, Ulteig has surveyed and engineered more than 18,000 miles of AC and DC transmission lines for Investor Owned Utilities (IOUs), Municipalities and Cooperatives, Developers and EPC Contractors across the United States. We've completed

projects ranging in size from 12.5kV distribution to 500kV EHV transmission. With 13 regional offices, we have local, on-the-ground understanding of the particular challenges facing power customers in different parts of the country.

From concept to energization and operations, Ulteig's Transmission Team prides itself on solving complex problems, helping customers anticipate future needs, and seamlessly collaborating with a customer's internal teams. From routing, economic analysis, design performance specifications and permitting to surveying, ROW support, detailed design and construction management, our team is prepared to handle every aspect of your project. At every point along the process, Ulteig transmission engineers drive innovative solutions that deliver higher quality results and more value.

EXPERTISE

- Permitting assistance, including photo renderings
- Scoping
- Transmission routing
- Estimates
- Transmission line design
- Design criteria preparation
- Facility studies
- Shielding studies
- Electromagnetic field (EMF) studies
- Underground design
- Audible Noise (AN) studies
- Steel design
- Lattice tower analysis
- Foundation design
- Optical Ground Wire (OPGW) replacements
- Line uprating studies
- Structure analysis
- Stormwater pollution prevention plans (SWPPP)
- Material specifications
- Material procurement support
- Construction specification, management, observation and support
- Transmission line reconductors



CUSTER PPD TRANSMISSION | CENTRAL NEBRASKA

Thedford, Nebraska -- From mid-February to mid-April, one of the greatest events in our natural world occurs throughout the Sandhills region of central Nebraska – the migration of more than 500,000 sandhill cranes from their winter-feeding grounds in Texas to their summer breeding grounds in northern Canada and Alaska.

It's out of respect for these beautiful birds and what they mean to Nebraskans that Custer Public Power District (Custer PPD), the largest geographical rural public power district in Nebraska, challenged Ulteig transmission engineers to develop an avian-safe design for the replacement of 38 miles of aging transmission line between Seneca and Dunning, Nebraska. The line, which runs parallel along Highway 2, is situated in Nebraska's famous Sandhills region, a semi-arid area encompassing 19,300 square miles that features rolling, grass-covered sand dunes.

"This project includes converting the operating voltage of the line from 34.5 kV to 69 kV, said Kelly Bjerke, technical manager with Ulteig's transmission team. "In addition, with the new, higher voltage line, we needed to not only replace the original wooden poles, most of which were installed in the mid-1950s, but also increase their height. We specified new steel poles up to 120 feet in length; however, most of the poles will be in the 75- to 85-foot range."

Replacing this transmission line is part of Custer PPD's long-term plan to modernize its electrical grid system. The project will give Custer PPD more reliable and efficient electricity transmission and a new transmission line that will be good for at least 50 years.

Construction on the project was launched in late November 2020 and should be complete by April 2022.

DESIGN AND ENGINEERING

DISTRIBUTION

With the advent and growth of distributed energy resources, smart grids and smart meters, there is a significant need across the U.S. to ensure distribution systems are ready to handle more dynamic and variable conditions and loads. Additionally, aging infrastructure and more significant and frequent weather events are driving demand for greater system reliability and resiliency. Getting its start providing distribution services to rural North Dakota 75 years ago, Ulteig has the history and expertise to help clients prepare for these changes. We deliver comprehensive solutions for the design, implementation and utilization of robust distribution systems.

At Ulteig we pride ourselves on the level of field experience our engineers have and continue to practice. Many of the engineers in our civil group started their careers in the field and continue to use that gained knowledge to benefit our clients. Once a complete design is delivered to our clients we continue to be in contact with them throughout the construction process to ensure they understand and are satisfied with all aspects of our design.

EXPERTISE

FIELD DESIGN & STAKING

- Basic Surveying
- Construction Contract Administration
- Easement Acquisition
- Joint-Use Staking and Make-Ready Surveys
- Line Inspection
- NESC and Utility Specifications
- Permitting
- Protection/Basic Sectionalizing Design
- Sizing Transformers and Conductors
- Material Coordination

UNDERGROUND DESIGN

- Underground Line Design and Subdivision Layout
- Overhead/Pole-Line Structure Design and Layout
- GIS Mapping
- Power Quality Studies
- Load Flow Studies
- Volt/VAR Compensation
- Arc Flash Studies
- Interconnection Studies
- Coordination Studies
- Loss Reduction Studies

SYSTEM HARDENING

- Design Criteria Development
- Full Structure Analysis and Design
- Review of Existing System & Recommendations for System Hardening
- Review Of Outage Data and Design Standards Recommendations
- Underground Design

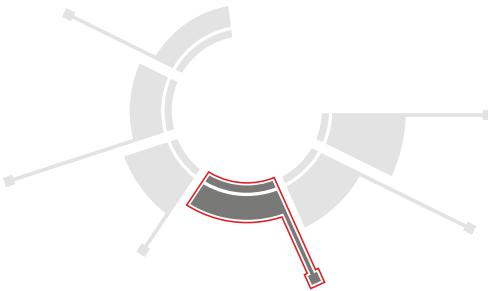


PERRY TO MADRID DISTRIBUTION DESIGN UNDERBUILD, UNDERGROUND AND OVERHEAD DESIGN | IOWA

This project consisted of distribution design due to a transmission 34.5kV to 69kV upgrade and rebuild. Ulteig was responsible for the transmission line design, distribution design, and right-of-way and survey services related to the distribution design. Ulteig designed 17 miles of transmission line utilizing PLSCADD. In tangent with this upgrade the distribution line was to be upgraded from 15kV to 25kV. The PLSCADD model was then used to design 6 miles of distribution underbuild and 11 miles of distribution line was converted to underground and designed utilizing Ulteig's award winning GIS distribution design process. Related taps serving single phase residential customers and three phase commercial customers were also converted from overhead to underground design. Ulteig's survey department created the boundary survey and completed construction staking. Ulteig's ROW department contacted all customers related to the project and acquired signed easements. Ulteig supported this project from planning through construction.

DESIGN AND ENGINEERING

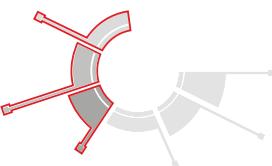
ENERGY STORAGE



Ulteig offers a wide range of forward-thinking storage services. From helping clients understand the use cases for energy storage and providing vendor-agnostic engineering services to overseeing the project delivery and testing the functionality of systems. Our team is uniquely qualified to deliver comprehensive revenue-generating storage technologies that can be leveraged across the entire energy supply chain. Whether it's a new site or a retrofit, Ulteig lends expertise in every project stage while ensuring seamless integration across phases.

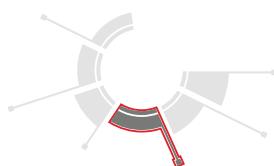
The energy professionals at Ulteig can help you model an optimum standalone battery storage system or help design a new renewables plus storage project to help you minimize costs and maximize revenue. We leverage expertise across Lifeline Sectors and Service Disciplines to provide a comprehensive project approach.

EXPERTISE



We provide certainty around energy storage development and investment decisions.

- Modeling and studies
- Business case development
- Owner's engineer support
- Interconnection and permitting
- Technical bid support
- Decision making road map (Siting, Application and Size)



Our experienced multi-discipline teams deliver context-sensitive designs to meet your unique needs.

- Conceptual design
- Balance of plant/system engineering
- High-voltage engineering
- Owner's engineering
- EPC support
- Permitting
- Environmental
- Survey & staking
- Procurement & logistics
- Use-case consulting
- AC/DC coupled & stand-alone
- Plant-level PV & storage integration
- SCADA
- Power plant control
- Performance & financial reporting
- Commissioning
- Networking & NERC/CIP security
- Hardware & software supply



We align with our clients' requirements and objectives to ensure safe and timely project delivery.

- Project and construction management
- Equipment FAT support
- Testing and commissioning (third-party)
- Asset management
- O&M Analytics
- Construction surveying
- Environmental monitoring



SOLAR POWER AND BESS INTEGRATION IN OIL COUNTRY | TX

Ulteig's System Integration and SCADA Services Team Integrates Solar Power Plant and Battery Energy Storage System in West Texas

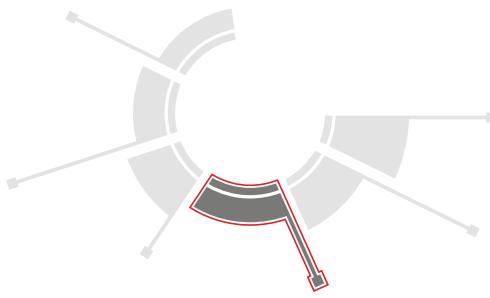
In West Texas, considered the heart of the U.S. oil industry, one of the largest solar projects in the U.S. was recently commissioned for operation. The solar project consists of a 460 MW (AC) solar power plant featuring 420 MW of solar PV and 40 MW of battery storage located on a 3,600-acre site alongside an existing oil and gas installation. Supplying a growing demand in West Texas for electricity, the project's 1.3 million solar panels will generate enough clean energy to power more than 80,000 homes.

To help the owner of the new solar energy center integrate the solar PV and BESS with the Texas electrical grid known as ERCOT, the solar plant's owner called on Ulteig's System Integration and SCADA Team. For this project, Ulteig served as the Engineer of Record (EOR) for the substation, providing AC and DC collection, site PV, and civil engineering services.

One of the major challenges of this project involved the BESS participation in a new Fast Frequency Response (FFR) ancillary service market. This self-dispatched service requires full output from the BESS within 15 cycles (250 milliseconds), which it must maintain between 95%-105% throughout the dispatch period. FFR is emerging as an in-demand technology to address the lack of inertia from inverter-based resources. FFR increases system stability by providing high speed frequency support normally handled by traditional generation. Ulteig's System Integration team was successfully able to design, and commission a site controller that met these requirements.

With the goal of commissioning the project in Spring 2021, the Ulteig team found itself launching the system for the solar PV and the BESS in mid-February just as a major winter storm hit and paralyzed the Lone Star state. Seeing the storm come and its potential impact, it was imperative for the team to commission the project, which it was able to do, even helping discharge stored energy when it was needed most.

"It was an incredible opportunity for us. Coupling battery storage with solar PV was new for our client, and new for Texas," said McKenzie Santin, Technical Manager within Ulteig's Automation & Integration group. "We are seeing a growing interest in adding battery storage to solar projects and we anticipate more of these types of projects in the future."



DESIGN AND ENGINEERING

RENEWABLES BALANCE OF PLANT/SYSTEM (BOP/S)

Ulteig provides its clients full-service, turnkey engineering and survey services required from initial conceptual models through development and construction of utility-scale wind and solar projects, including comprehensive, revenue-generating energy storage technologies that can be leveraged across the entire energy supply chain. Our dedicated team will work with key project stakeholders to ensure that power generation objectives and known constraints are reflected in project economics as accurately as possible at each stage in development, enabling development teams, contractors, and utilities to prioritize spending on projects with the highest probability of success regardless of portfolio size.

Ulteig's experience and history in the BOP/S market allows us to leverage our historical knowledge of past projects with a deep understanding of new market trends in the industry. From the 34.5kV collection system to access road design, including permitting and construction survey, we have the experience to support wind and solar projects from the initial conceptual layouts through final design, construction, and operations and maintenance of the facility.

CIVIL, STRUCTURAL AND GEOTECHNICAL ENGINEERING

- Desktop hydrology study
- Pile design
- PV array grading design
- Access road design
- WTG Foundation Design (Future)
- Crane pad design
- Earthwork analysis
- Stormwater treatment design
- Erosion and sediment control design
- Site evaluation and conceptual layouts
- Road profile optimization
- Bill of materials
- Detailed design
- Existing road studies and delivery flow analysis
- Geotechnical due diligence

COLLECTION SYSTEM (AC/DC)

- Optimized layout & cable design
- Collection Design Studies
- System Design Studies
- Equipment installation design
- Material specifications
- Permit support
- Construction support
- Energy production study
- Dynamic modeling
- Transient analysis
- Harmonic study
- Arc flash studies
- NERC compliance



NEW SOLAR POWER CENTER | ELORA, TN

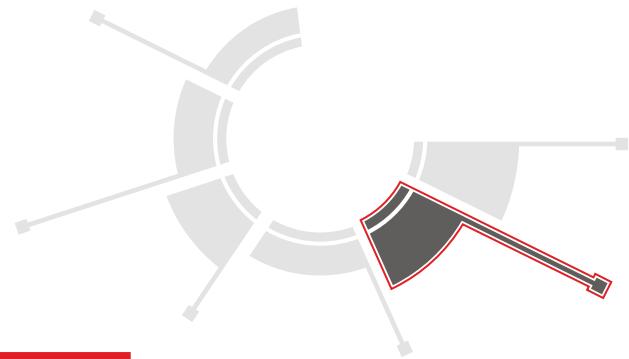
Tennessee is known for many things—its bourbon, BBQ, Goo Goo Clusters, Moon Pies, Graceland and the Grand Ole Opry—but one thing it's not, is solar power. Until now.

Near a small farming town in southern Tennessee, Ulteig designed and engineered one of the largest solar power center in the state. Located on more than 1,700 acres near the Tennessee-Alabama border, this new 150 MW AC solar farm will interconnect with the Tennessee Valley Authority's (TVA) existing electrical grid. The TVA, under a 20-year power purchase agreement (PPA), will sell most of the output to Facebook, which built a \$750 million data center located in nearby Huntsville, Alabama.

Built with 508,147 solar panels, the solar farm will help create more economic diversity in the region by attempting to attract high-tech companies to this largely agricultural region of the state.

OPTIMIZE TO REDUCE COSTS; INCREASE PRODUCTIVITY

Ulteig was brought on board in April 2020 as the solar design engineer with the responsibility of optimizing the preliminary project design and equipment to be selected for the project. "In designing the solar energy farm near Elora, our engineers were challenged with optimizing project plans to reduce costs while maintaining or increasing the solar farm's productivity," said Andrew Melvin, P.E., a technical manager with Ulteig's transmission and distribution team.



PROJECT DELIVERY SERVICES

PROJECT MANAGEMENT – Our project managers have experience throughout a project's life cycle, from development through construction and operation. We coordinate and streamline all aspects of the project, working with subcontractors and arranging all necessary services to ensure objectives are being met. Your project's success is our highest priority, and we consistently deliver creative solutions, on time and within budget.

PROGRAM MANAGERS – Our program managers can focus on the big picture, providing consistent and integrated services. These professionals coordinate all your projects to integrate multiple design disciplines and ensure all projects in your portfolio are consistently delivered the way you need them. Our priority is to help you meet your overall strategic goals. When you need help in executing a large volume of projects, our professionals can supplement the expertise of your internal team for as long as you require it.

EXPERTISE

PROJECT DEVELOPMENT

- Bid Package Preparation
- Architect/Engineer/Contractor Selection

COST

- Project Budget Development
- Project Cost and Cash Flow Forecasting
- Project Cost Estimating
- Pay Application Processing
- Change Order Reviews

SCHEDULING

- Critical Path Schedule Modeling
- Schedule Scenario Forecasting
- Earned Value Analysis

SCOPE

- Contract Management
- RFI Management
- Procurement and Logistics Coordination
- Financing Due Diligence

QUALITY & RISK MANAGEMENT

- Perpetual Risk Management
- Qualitative & Quantitative Risk Analysis
- Issues Tracking and Resolution

COMMUNICATION

- Coordination with Stakeholders
- Progress Reports and Meetings
- Document Control

SAFETY

- Site Safety Audits

PDS WHAT IS PROJECT DELIVERY SERVICES?

PDS IS A GROUP THAT OFFERS A RANGE OF SERVICES IN PROJECT MANAGEMENT.

PROJECT MANAGEMENT | CONSTRUCTION MANAGEMENT | PORTFOLIO MANAGEMENT

PDS IS HERE TO FIT WHEREVER YOU NEED.



Owner/Utility needs to fit a position to manage a project or portfolio on their behalf.



Ulteig's PDS team is available to help Owner/Utility at any stage in the project.

Ulteig's PDS team will integrate into the Owner/Utility's organization to put project into action.



Ulteig's PDS team will interface with the Owner/Utility's team and manage their contract on behalf of the company.



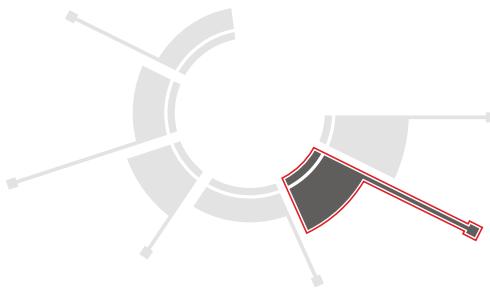
Ulteig's PDS team manages the contractors, engineers and suppliers on behalf of a project or portfolio.



Ulteig's PDS team will take the project to COD, then hand it off to O & M to maintain the project.

PROJECT DELIVERY SERVICES

CONSTRUCTION MANAGEMENT



Our goal for every project is to meet the completion date, control the cost, achieve high quality and keep clients informed of construction progress. Ulteig's Construction Managers monitor all construction activities, identify and manage risks, utilize industry best practices, collaborate with stakeholders and execute and monitor the uniform policies and procedures as established by our clients. In addition, we take responsibility for scheduling, cost reporting, the RFI process, conflict resolution, quality management and the general condition of major equipment deliveries. If required, we can also fulfill the role of onsite Resident Project Representative (RPR), acting as an extension of the project team and providing detailed daily inspection reports for project-specific tasks.

Our QA/QC service is implemented through a series of processes that assure each project activity is carried out in a method that meets our clients' expectations. Ulteig is highly proficient in QA/QC implementation and engaging contractors in the process.

EXPERTISE

WHAT WE DO

The scope of work is determined based on the complexity of your project, and the makeup of your team is carefully coordinated to ensure full coverage across three core areas:

- *Construction Management*
- *QA/QC Management*
- *Commissioning & Energization Management*

Our team will identify and circumnavigate costly construction mistakes, minimize the potential for unexpected change orders, and keep you informed of potential risks, delays and challenges during construction. We'll also carefully monitor quality check points and develop a thorough commissioning and energization plan for a safe, timely and cost-effective in-service project.

VALUE-ADD SERVICES

Using Ulteig's full breadth of resources, we can provide you with these unique value-add services:

- *Real-Time Construction Status*
- *Cost Reporting*
- *Conflict Resolution*
- *Lessons Learned/Debrief Meetings*
- *Request for Information (RFI) Management*
- *Environmental Monitoring, Mitigation and Restoration*
- *Disciplined Change Control*
- *Document Control*
- *Major Equipment Deliveries*
- *Third-Party Engineering Design Reviews*
- *Constructability Reviews*

ALTERNATIVE DELIVERY SERVICES

- *Construction Manager-at-Risk (CMAR)*
- *Lump Sum Design-Build*
- *Progressive Design-Build*
- *Construction Manager/General Contractor (CMGC)*
- *Contractor-led Engineer Procure Construct (EPC)*
- *Owners Rep Services*



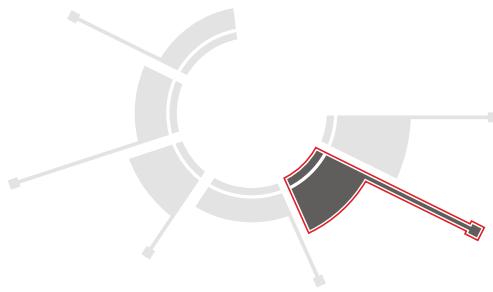
SOLOMON FORKS WIND PROJECT | COLBY, KANSAS

When Ulteig's Project Delivery Services (PDS) team kicked off the Solomon Forks Wind Project in July 2018, they already had multiple collaborations with Engie North America. And though every project comes with its share of challenges, this large 276 MW wind farm project was filled with challenges that put even the Ulteig PDS team to the test. In the end, the team delivered on time, to the satisfaction of its client.

Built with 105 Siemens Gamesa turbines, the Solomon Forks project was designed for Power Purchase Agreements (PPAs) made with major telecoms and retail customers. Based on its extensive experience, the Ulteig PDS team planned for success while preparing for any number of challenges that come with building a wind farm. However, facing strict deadlines, the Ulteig PDS team, which provided project and construction management services, achieved the following successes:

- **Keeping the project on-track despite a massive weather event** -- In mid-March 2019, a bomb cyclone hit the Central Plains, including Solomon Forks. This winter storm brought hurricane-strength winds exceeding 90 mph and snow, causing extensive damage to project roads, turbines and equipment.
- **Replacing damaged equipment in record time** -- In May 2019, the project site was directly hit by a tornado. In addition, torrential rains destroyed roads built for the project, damaged critical equipment and flooded the site. Twenty-four turbine blades were damaged by the tornado. The PDS team coordinated getting replacement blades in an expedited timeframe that met project schedule constraints, and they were an integral part in supporting insurance claims and settling change orders when issues arose.
- **Building relationships with the community** – The Ulteig PDS team put extensive effort in building and maintaining relationships with local landowners and the community despite the weather-event challenges. "The Solomon Forks and East Forks wind projects really changed the landscape of Thomas County," said Kenny Van Ballegooyen, Manager of Construction Management - Renewables. "In the end, the landowners were very happy with how it all turned out."

"The Solomon Forks project was an incredible example of how a strong project and construction management team can overcome seemingly endless obstacles. It's a shining example of what our PDS team can do," said Nick Knezevich, Ulteig Market Development Manager, Renewables.



PROJECT DELIVERY SERVICES

PROJECT MANAGEMENT

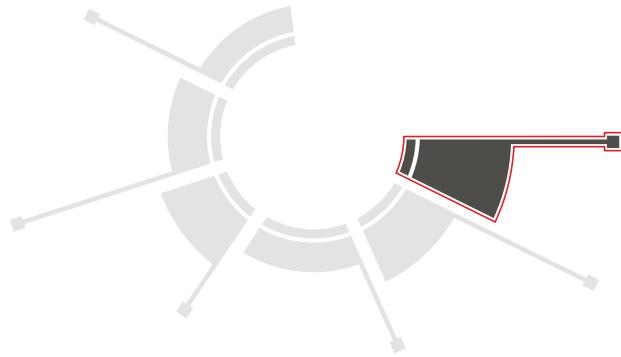
Successful project management begins by assessing and aligning with our clients' requirements and objectives, and culminates with safely delivering projects on time and on budget, despite all issues and obstacles that challenge that objective. Exceptional project management is distinguished by attentive and responsive communication with clients and stakeholders, perpetual proactive risk management and creative resolution of conflicts and issues. Ulteig project managers consistently deliver this value to our clients by employing sophisticated schedule modeling and project controls techniques coupled with expert judgment attained through years of experience delivering successful energy and infrastructure projects. Acting as the project owner's representative and advocate, Ulteig project managers leverage this expertise on behalf of our clients to consistently deliver unparalleled service and value that yields tangible results for the projects we manage.

EXPERTISE

- Coordination with stakeholders
- Qualitative and quantitative risk analysis
- Perpetual risk management
- Critical path schedule modeling
- Schedule scenario forecasting
- Project cost estimating
- Project budget development
- Project cost & cash flow forecasting
- Earned value analysis
- Contract administration
- Bid package preparation
- Architect/engineer/contractor selection
- Pay application processing
- Change order reviews
- RFI management
- Issues tracking and resolution
- Procurement and logistics coordination
- Permit compliance
- Progress reports and meetings



ULTEIG'S PROJECT MANAGEMENT INTEGRATED RESOURCE TEAM CONTRIBUTED TO MORE THAN
420 PROJECTS
IN THE LAST THREE YEARS.



ASSET MANAGEMENT

Managing and optimizing assets has never been more important. At Ulteig, Asset Management focuses on using data, information, insights, technology and engineering to manage your day-to-day business needs as well as identifying and prioritizing strategic asset management, investment decisions and long-term planning. Our team of experts works with you to capture and use data to develop insights critical to determining an informed, prioritized asset management and investment roadmap for your business.

Ulteig defines Asset Management as the data-driven, systematic tracking of key infrastructure elements to assess organizational risk, governing and optimizing capital spend. This solution benefits stakeholders' priorities by taking quality data collection and inspection and provides a roadmap to maintenance and replacement, informing new infrastructure investments.

EXPERTISE

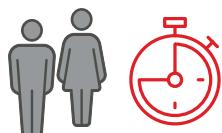
- *Technology Evaluation*
- *Data Sharing & Integration*
- *Analysis, Reporting & Planning*
- *Asset Optimization and Information Management*
- *Insight Development*
- *Discovery & Assessment*
- *Application Hosting, Development & Maintenance*

AM WHAT IS ASSET MANAGEMENT?

AM IS A GROUP THAT OFFERS A SUITE OF TOOLS AND SERVICES TO TRACK, MANAGE AND PLAN FOR REPLACEMENT OF ASSETS TO MAXIMIZE FUTURE ASSET PERFORMANCE.



Clients in all Lifeline Sectors have assets.



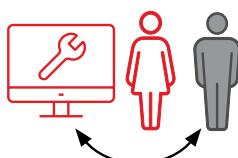
Client assets have a finite lifespan.



Ulteig's AM team utilizes a trusted client partnership to their benefit. Their deep systems knowledge is available to help converge systems to better manage and optimize client assets.



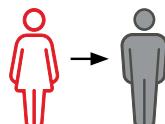
Clients hire Ulteig's AM team to systematically track, provide solutions and/or replace aging assets.



Ulteig's AM team acts as a liaison between the client and the right Ulteig-provided and/or third-party solution for improved data capturing, asset management, and investment prioritization.



Ulteig's AM team identifies system issues, determines upgrade plans, and catalogs assets to prepare for future use and newer technology.



Ulteig's AM team coaches and collaborates with client to manage their assets and evolving business needs.



WHAT MAKES ULTEIG DIFFERENT?

We are committed to creating a positive experience for our clients throughout a project's duration, offering the advantage of accessibility through exceptional project management, attentiveness and responsive communication. Ulteig anticipates needs and delivers results with trademark accuracy and timeliness. We proactively manage risks and project issues, constantly reassessing and strategically aligning with our clients' vision, objectives and requirements. We tailor designs and services to meet and exceed expectations.

IT'S ALL ABOUT CONNECTING with clients and their needs. Throughout the process, we are accessible and transparent, listening and solving through the daily connections that are essential to this work. Our clients and their customers depend on these connections that ultimately bring essential services to millions. While our experience spans the nation, we maintain a hometown feel.

A STRONG CONNECTION IS FOUNDATIONAL, whether it involves wires, roads, pipes or people committed to working together for a common purpose. Ulteig generates the connections that strengthen infrastructure—planning, collaborating and creating reliable solutions for our clients and the communities they serve.

WE LISTEN. WE SOLVE.[®] Our tagline captures the essence of our unique position in the marketplace. "We listen" speaks to partnership, to becoming integrated in our clients' business and truly understanding their needs. We are constantly listening. "We solve" is the promise we make to clients and their communities – we offer comprehensive, long-lasting solutions. This represents everything Ulteig stands for.



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NATIONWIDE PRESENCE

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Ulteig

Ulteig delivers comprehensive engineering/design, program management, technical services and field services that strengthen infrastructure vital to everyday life. An employee-owned company, Ulteig connects people and resources to develop compelling, integrated solutions across the Lifeline Sectors® of power, renewables, transportation and water. Ulteig leverages its expertise throughout North America with a wide range of public and private clients.