

DATA CENTER SOLUTIONS

Ulteig delivers comprehensive engineering and consulting services across the full lifecycle of Mission Critical facilities. From data centers to full-scale command operations, our teams ensure reliability, efficiency, and future-proofed performance at every stage.

DEVELOPMENT

GAIN CONFIDENCE IN PROJECT FEASIBILITY, COST, AND LONG-TERM RELIABILITY.

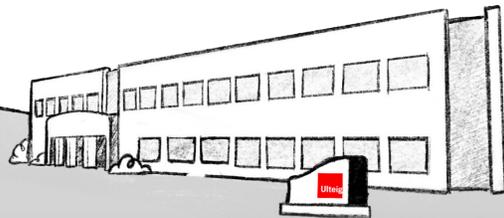
- POI analysis & Utility engagement
- Land acquisition and development
- Transmission service / Interconnection queue navigation
- Energy Market/Tariff Modeling
- Environmental & Permitting strategy
- Cultural resource assessments
- Surveys
- Load forecasting / AI-ready capacity planning
- Site selection & Constructability screening



ENGINEERING

RECEIVE DETAILED, ACTIONABLE ENGINEERING DESIGNS THAT MINIMIZE SURPRISES DURING CONSTRUCTION AND OPERATIONS.

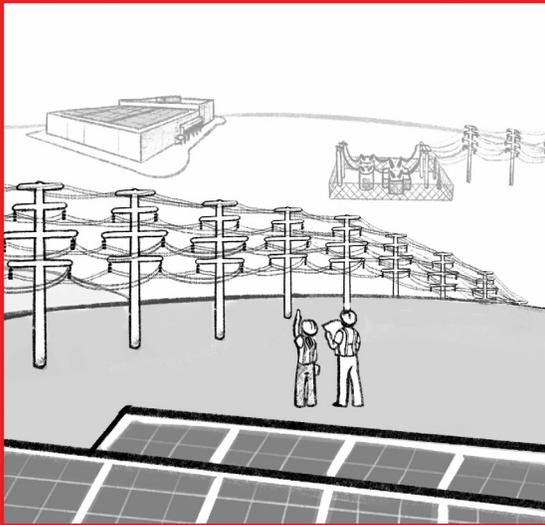
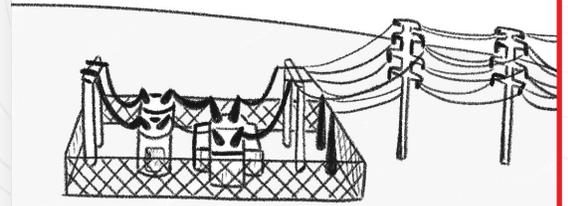
- Civil Engineering
- Water / Wastewater and Hydrology
- Substation design (greenfield or expansion)
- Transmission Line Engineering
- Protection & Controls (SCADA/EPMS integration)
- Renewable & Energy storage resource integration



CONSTRUCTION

GAIN ASSURANCE THAT DESIGNS ARE IMPLEMENTED CORRECTLY, SYSTEMS WORK AS INTENDED, AND STAFF ARE READY TO OPERATE SAFELY.

- Owner's engineering & QA/QC
- FAT/SAT support for SCADA + EPMS
- Field services (electrical, civil, comms)
- Construction management advisory
- Relay settings & device verification
- Long-lead equipment coordination
- Sequence of operations & controls architecture



IN-SERVICE

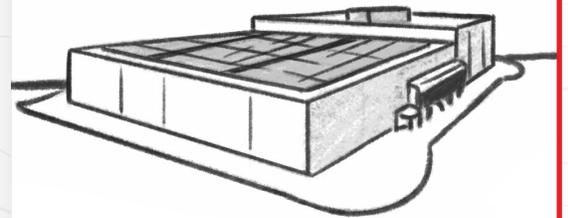
PREVENTIVE MAINTENANCE, RAPID SUPPORT AND ROUTINE INSPECTIONS KEEP YOUR DATA CENTER RUNNING AT PEAK PERFORMANCE FOR THE LONG HAUL.

- Commissioning support & turnover protocols
- Live SCADA/EPMS activation
- Utility interface logic handoff
- Alarms/signals/remote access validation
- Real-time visibility dashboards

OPTIMIZATION

WE HELP YOU SCALE WITH CONFIDENCE, DELIVERING UPGRADES AND EXPANSIONS THAT MEET RISING DEMANDS AND FUTURE TECHNOLOGIES.

- Performance monitoring & asset analytics
- Power quality & harmonics analysis
- System tuning & upgrade advisory
- Cybersecurity enhancements (SCADA/EPMS)
- DER optimization & demand response logic



LET'S WIRE THE FUTURE TOGETHER

Across all phases, Ulteig combines deep technical expertise with strategic insight. Our integrated approach turns complex, high-stakes projects into reliable, future-ready operations to ensure Mission Critical facilities perform at their peak, both today and tomorrow.

ulteig.com/wire-the-future/

