



## SUBSTATION ENGINEERING

At Utilitra, our substation engineering services are just another part of how we can be your formula for better business. We combine innovation, precision, and partnership to drive success. Our goal is to deliver tailored solutions for utilities, municipalities, and private sector clients that enhance reliability, ensure safety, and improve operational performance.

*Preliminary Site Evaluation & Planning*

*Substation Layout & Physical Design*

*Electrical Drawings & Design*

*Grounding System Design*

*Lightning Protection & Shielding Design*

*Bus Work and Conduit Routing Design*

*Protection & Control Design (Relays, SCADA, Communications)*

*Equipment Specifications (Transformers, Breakers, Switchgear, etc.)*

*Project Estimating & Cost Analysis*

*Construction Support & Oversight*

*System Integration & Automation*

*NERC Compliance & Regulatory Consulting*

*Arc Flash Studies & System Modeling (ETAP/SKM)*



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Contact Us:

