



Utilities

Reliable, efficient electrical systems for AC substations

Linxon's deep knowledge of utility standards and procedures, combined with the ability to integrate innovative equipment, is essential for meeting customer requirements. The comprehensive AIS substation design, plus the use of compact GIS technology and strong project management skills enable the delivery of reliable, efficient electrical systems that fully utilize substation sites. This capability is especially critical when managing complex phased projects.

Linxon offers advanced turnkey solutions for utility substations, combining cutting-edge technology with efficient project management to deliver robust, reliable, and optimized electrical systems.

The turnkey services provided include:

- Design, manufacture, supply, delivery, installation, and commissioning of established Air-Insulated Switchgear (AIS) and GIS substations.
- Leading edge substation automation and protection system design.
- Strategic demolition and removal of redundant substation assets.
- Careful site remediation with temporary and permanent service provisions.
- Upfront planning and system studies to optimize designs.
- Full project execution with design optimization.
- Maintenance and life extension services to ensure longevity.
- Expertise in cutovers and sequencing to work within site constraints.



- These comprehensive services collectively ensure optimal, tailored solutions for clients' utility needs.
- Managing renewable generation within the grid system.
- Grid stabilization and improving power quality.
- Integrating series or shunt compensation.
- Reactive power compensation (Statcom).
- Design and delivery of digital substations.



Execution capabilities of Linxon

Engineer customized solutions conventional and digital

Provide FEED study and conceptual designs at an early stage

Life cycle analysis

Engineer project interfaces with in-house capabilities worldwide

Reliable partner for developers and utilities

Execute fast track high voltage turnkey projects via in-house construction management

Execute brownfield, greenfield, urban and remote projects globally

Implementing world class project controls to deliver projects on target

Skilled resources ready to support warranty periods and long-term service agreements