

Controllix Corporation

Mobile Capacitor Banks



**Turnkey Systems
For Emergency or
Peak Load Support
with “Drive and Park”
Installation**

**Assure the Delivery
of Economical and
Reliable Quality
Power**

During peak demand periods utilities must respond quickly to meet the burdens of system loads. The use of mobile capacitor banks has been proven to be an efficient and cost-effective solution for the deployment of site-to-site VAR support.

Other applications of mobile banks include temporary service during substation construction, as well as emergency backup during outages and maintenance. When large transformers may be overloaded, especially during summer peaking, the use of mobile capacitors may delay or offset capital investments for new equipment.

Controllix Corporation provides a total system, designed and assembled for “drive and park” installation. Each mobile unit is engineered specifically for the electric utility’s operating system requirements. Open rack capacitors (externally or internally fused) are supplied in fixed or switched configurations. Where required, a circuit breaker or circuit switcher is integrated as part of the assembly, along with surge arresters and reactors. Specific controls, relay protection, and other communication devices are typically included. Full busing, heavy-duty shack absorption insulators, ground switch, and side-panel fencing (both for in-service protection and transport safety) are provided. Dual voltage designs can also be accommodated.

Typical (semi-tractor) trailers (40-50 foot) require air ride suspension, steel or wood floor, with steel frame, with appropriate road clearance, wheel/axle/brake weight and capacity sizing, meeting DOT requirements. Complete system meets applicable NEMA ratings, ANSI, DOT and IEEE standards. Additionally, storage compartments, anti-skid decking and other trailer related features are available as part of the complete package.



Leading in Power Quality for Over 40 Years