Replacement parts and spares
Life Cycle Services for Metal Enclosed Capacitors Banks (MECB)

What are your needs?
Extend the asset’s operating life, maintain or restore reliability, or rescue the mechanical & electrical integrity of equipment after emergency events.

About us
ABB, the leading global player in high-voltage products, offers a wide range of electricity infrastructure solutions and services encompassing:
• Gas insulated switchgear (GIS)
• Hybrid switchgear plug and switch system (PASS)
• Air insulated switchgear (AIS)
• Generator circuit-breaker (GCB)
• Capacitors and filters
• Instrument transformers
• Surge arresters

As a globally operating technology organization and a manufacturer of products, we complement these offerings with a comprehensive spectrum of round-the-clock support capabilities and life cycle services. The goal of ABB’s product support services is to improve the reliability and extend the operating life of your Power Quality equipment, while reducing operation and maintenance costs in each lifecycle phase. To meet the challenges of the evolving high-voltage service market, we continue to develop our portfolio, increase customer satisfaction, and improve our operations.

Replacement parts and spares
Carrying critical spare parts on hand can significantly reduce the down-time associated with:
• Asset maintenance
• Forced outages
• Electrical failures
• Mechanical failures

As a minimum for operational reliability, it is essential to have critical parts and components readily available, such as:
• Capacitor units
• Fuses
• Control boards

The above parts should be in stock in the customer warehouse for immediate use in order to avoid long outages. Some of these parts can take considerable time to source from the manufacturer.
Benefits of good spare parts planning
• Reduces downtime
• Reduces costs

NOTE: Rush deliveries and transport of parts by air to meet an urgent requirement can be over 10 times more costly than by normal means.

Engineering support
Many older assets have parts such as relays and controllers which are no longer available and an engineering support is required to find an equivalent replacement. In some cases a new part is required to be reprogrammed. ABB provides this engineering support to ensure the right replacement part.

ABB proposes the following spare parts solutions:
• Condition assessment or fleet assessment to determine the critical spare parts needed on hand for emergencies
• Recommendation of parts to order ahead for a planned maintenance
• Asset inventory
• Stock management
• Recommendations on storage

Benefits:
• ABB parts ensure form, fit, and function. Making servicing and repairs a ‘right first time’ event
• ABB draws on the extensive product knowledge and installed base records to ensure that precise specification is achieved
• High volume parts are usually available on stock and ready for worldwide express dispatch
• Global network, to help our customers with their requirements through sales and engineering support
• Expertise to develop strategic and critical parts programs with customers