

# Circuit breaker retrofit

## Roll-in replacement

Circuit breaker retrofitting is a cost-effective alternative to complete switchgear replacement. ABB Service experts conduct site audits on existing installations to assess the condition of the equipment, recommend the most suitable solution and technically support the most appropriate investment.

Typically, retrofitting constitutes replacement of vital equipment having similar or advanced features, for life extension, reduced maintenance and improved functionality. This includes upgradation and modernization of basic equipment and allied parts. The retrofitted switchgear offers far greater system reliability, long-term availability of spares and increased safety to the operators with minimal investment and downtime.

ABB is a full system provider of roll-in retrofit solutions for ABB & non-ABB switchgears, from the proposal and design, through the manufacturing and testing, up to the installation and commissioning.

### Roll-in replacement:

In roll-in replacement solution, the new circuit breaker is re-engineered in such a way that it fits into existing switchgear with no / minimum modifications in the panel.

- Replica of existing circuit breaker
- All parts are made with latest tools and designs to provide maximum reliability
- Retrofit circuit breaker is interchangeable with existing circuit breakers

### Benefits

- Significant lifetime extension
- Lower maintenance requirements
- Long time availability of spare parts
- Latest generation apparatus
- No / minimum modifications in existing switchgear
- Short implementation time for replacement
- Minimum shutdown of the switchboard
- Smooth site activity
- Warranty on the conversion work

