Circuit breaker retrofit is a cost-effective alternative to the complete switchgear replacement. Retrofitting is performed by replacing phased-out devices with circuit breakers from the current production range specifically designed to mechanically and electrically adapt to the existing models in the plant. The result is substantial improvement in reliability, safety, maintenance and performance.

ABB Service experts conduct on-site audits on existing installations to assess the condition of the equipment, recommend the most suitable solution and technically support the most appropriate investment. ABB Service is a complete system provider of retrofitting solutions, from proposal to design, through manufacturing, testing and finally installation and commissioning.

HA is the family name of a wide range of SF$_6$ gas circuit breakers manufactured by ABB and currently in obsolete phase. Many variants have been produced during their life cycle according to technological development, such as HA1, HA2 and HA3. The specific version of each apparatus can be identified by the apparatus name on the label (e.g. HA1/ZC, /C, /WA, /WSA, /NFsG, etc.). Maintenance activities on these apparatus must be only performed by certified operators and applying specific SF$_6$ handling procedures according to IEC Regulation 842/2008 in those countries complying with.
Technical data
ABB offers a full range of retrofit solutions based on vacuum circuit breakers and gas circuit breakers.
ABB experts propose the best apparatus for each switchgear unit, depending on the characteristics of the apparatus installed in the network and the specific operating requirements of each unit.
The following basic technical data are required in order to provide standard retrofitting solutions:
• Rating plate data and serial number
• Photos of all four sides
• Photo of the switchgear compartment interior
• Existing functional electric circuit diagram
• Generator data for the relevant feeders

Options
• TruckMaster remote motorized racking
• MySiteCare monitoring and diagnostic
• MyRemoteCare cloud based services
• Power Care customer support agreement

For more information please contact:

More product information:
abb.com/mediumvoltage
Your contact center:
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