

ELECTRIFICATION CANADA

# Services Overview

## Smart Power



Safety, uptime and reliability are key to your operation. Any outages or unplanned events are a risk and can result in massive revenue losses.

Our commitment is to remain proactive in driving a change that generates value to our customers, by improving safety, uptime and reliability. Services that support the life of your assets.

### Repair services

When ordinary maintenance is no longer enough, a complete overhaul of the electrical apparatus must be carried out in order to solve problems specifically connected with a particularly long or heavy use of the products. A comprehensive re-manufacturing program consists of a complete rebuild to the original specifications.

Our Repair evaluations are free of charge at our Repair Centre in Montreal and you will benefit of 1-year full limited warranty as a new product.

### Training services

The more you know about ABB products and their market potential, the better you can use and gain benefit from them. Training courses are available to give the personnel in charge of managing and maintaining the installations the necessary know-how to achieve an excellent level of operating ability. Our courses are held at the ABB's Training Centers or on site, with practical sessions on the installed equipment.

### Field services

- Emergency repairs
- Supervision
- Bus modifications
- Specific turnkey installation
- Breaker upgrades
- Engineered solutions
- Installation/maintenance
- Start-up and commissioning
- Maintenance agreements
- Spare/obsolete parts support
- Retrofit/Upgrade solutions
- Reliability assessment

### Asset management

ABB can provide you with the necessary resources to help you meet your key performance indicators, by reducing downtime and maximizing your equipment efficiency. We can tailor the right solution to satisfy your asset needs and improve the return on your investments. Ask about our extended warranty program.

**GET FREE INSPECTION**

Take the best decision between maintenance and repair. We're here to help.

# Modernization Roadmap

## Keeping your electrical distribution equipment current

No need to throw away your power distribution panels, simply upgrade your circuit breakers and protection devices.

### Retrofit

The ABB Retrofit service allows you to replace only essential components and through this bring the drive back to its Active lifecycle phase. This means that the modernization can be undertaken with a minimum interruption to normal operations and with investment targeted in the most efficient way possible.

#### Hard Bus Retro-fill

- Existing fixed part is removed and new one is installed using a pre-designed bus bar connection



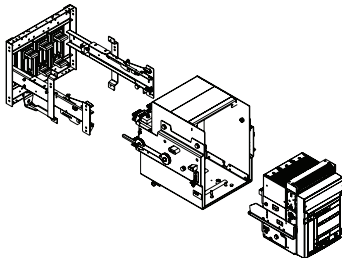
#### Direct Replacement

- New moving part is modified to fit the existing fixed part, which remains unchanged.
- Installation involves racking out the old breaker, and racking in the new breaker
- Most advanced solution



#### Cradle in Cradle (CiC)

- Existing fixed part remains and new one is installed inside.



#### Ekip UP

- Ekip UP is the low-voltage digital unit able to monitor, protect and control the next generation of plants




**ABB Ability™**  supports digital transformation in the energy and fourth industrial revolutions by helping you achieve unprecedented improvements in your business's operational performance and productivity. Get the visibility and knowledge to take data-driven maintenance decisions. Identify and solve minor issues before they become a major problem today! Let's write the future, together.

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