

Storm recovery

Electric power equipment assessments, repairs and replacements



When disaster strikes, it is critical for power equipment to be returned to service safely and as quickly as possible.

Storm response

ABB has a team of experienced engineers, technicians and factory personnel to:

- Evaluate equipment damage and define a recovery plan
- Repair, refurbish or replace damaged equipment
- Test and commission equipment for safe energization

First responders

Our field service engineers quickly evaluate the equipment damage and recommend repair/replace options for recovery. These options are to enable fast re-energization of power, and later to restore the equipment for long term, reliable operation.

Field capabilities

A dedicated project manager oversees the replacement parts and personnel activities to ensure coordination of the work and provides a single point of contact.

A site manager, assigned to each work location, ensures that a safe work plan is defined and followed.

Switchgear, breakers and transformers can be tested and diagnosed on site, and much of the repair work can be completed on site.

Transformers

ABB field service specialists evaluate and repair transformer control systems, bushings, load tap changers, and other components, plus test and commission them for safe energization.

Circuit breakers

Circuit breakers from 600 V through 800,000 V are evaluated, repaired as necessary and then tested for safe energization. Circuit breaker types include air magnetic, vacuum, oil and SF6.

Switchgear bus and bus duct rework

Damaged insulation systems compromise the integrity of the bus dielectric system. ABB reworks the bus in the switchgear and bus duct between equipment for safe operation.



Factory support

Replacement parts

As the OEM for many brands – ABB, ITE, ASEA, Westinghouse, BBC and more - we can quickly source your needed components with our dedicated parts team. We also maintain a network of suppliers to provide other parts – new and reconditioned – on an emergency basis.

Replacement equipment

ABB factories produce a wide portfolio of power equipment, and on an emergency basis can design and build equipment to replace depleted inventory or unique designs not readily available.

Service center capabilities

The ABB service centers are strategically located and provide the logistics and staging area for all replacement components and equipment.

Our service center technicians work on all manufacturers' equipment to restore it to safe operational condition.

Circuit breaker replacements

All manufacturer's breakers can be repaired and refurbished at ABB service centers. Breakers from the surplus market arrive quickly and are customized and commissioned for fast direct replacements.

Relay panel repairs / rebuilds

Relay control panels come into the shop for controlled environmental evaluation and repair/replacement as needed, including relays, meters, switches and wiring.