Electrical upgrade solutions and services for generating plant applications

Experience counts. And Eaton's heritage of **providing balance of plant electrical solutions** dates back to the early days of the commercial power generation industry with Westinghouse,® Cutler-Hammer® and Klockner-Moeller.®

Full portfolio of solutions

Eaton's full portfolio of electrical solutions and services works together in powerful ways when you're upgrading equipment.

For example, you can replace many different motor control centers (MCCs) with a single, modern design from Eaton. We support vintage motor control centers from most manufacturers.

Eaton's replacement medium voltage breakers and contactors employ the latest vacuum technology, and our low voltage breakers and contactors offer the sophistication of microprocessor-based trip units.

Our replacement solutions are designed to fit in the existing unit's physical footprint, yet deliver the benefits of modern technology and reduced maintenance.

We put safety first

Eaton's solutions employ the latest design enhancements to keep your workers safe.

A defined supply chain

Coordinate your supply chain with Eaton designs. Our common design platform shares components across a range of products, and shared parts means fewer parts to order and stock.

Service and support

Service and support for these electrical solutions are provided through Eaton's Electrical Services & Systems team, one of the largest and the most experienced in the industry.

EATON

Powering Business Worldwide

Medium voltage solutions	Replacement for Eaton legacy brands	Replacement for other manufacturers
Medium voltage vacuum replacement breakers *Speed up maintenance.* Eaton's modern vacuum technology cuts normal maintenance time, significantly faster than air magnetic breaker maintenance. Extend the useful life of switchgear by as much as 30 years and increase interrupting ratings, as required, to support system upgrades.	Westinghouse Type DHP and DH 4.16–13.8 kV, 1200–3000A	GE, Allis-Chalmers, Federal Pacific, ITE, McGraw-Edison
Medium voltage adjustable frequency drives *Improved efficiency and reduced mechanical wear.* Eaton SC 9000™ drives are designed with front access to all components. Routine inspections and parts replacements are easier and faster.	Electromechanical variable-speed systems	Electromechanical variable-speed systems
Remote racking and control *Keep workers safer.* Remote racking solutions protect operators by keeping them outside the arc-flash protection boundary. *Products available include:* remote operators for circuit breakers, motor starters and switchgear, and switchgear integrated remote racking.	Available for Eaton replacement breakers	Available for most manufacturers with rotary system breakers
Medium voltage vacuum starter replacements for circuit breakers	DH, DHP 4.16 kV, 400A	GE, Allis-Chalmers, ITE

Low voltage solutions	Replacement for Eaton legacy brands	Replacement for other manufacturers
Low voltage breaker reconditioning services and air replacement breakers *Extend switchgear life.* Services to recondition existing breakers or direct replacement/modernization with Eaton's Magnum DS® and Series NRX® breaker technology.	Westinghouse Type DBL and DB up to 600V, 600–3000A	GE, Allis-Chalmers, Federal Pacific, ITE
Low voltage starter replacements for circuit breakers	Westinghouse Type DS and DSL up to 600V, 600–1600A	GE, ITE
Low voltage motor control bucket replacements *Update MCC operations.* Modernize aging MCCs with circuit breaker / motor starter updates and arc-flash reduction safety options and variable frequency drives.	Vintage MCCs produced under the names Eaton, Cutler-Hammer, Westinghouse and Klockner-Moeller	GE (including GE 7700), ITE/Gould (including ITE 5600), Siemens/Furnas, Square D, Allen-Bradley and more

Services

Services for low and medium voltage equipment

Get services when and where you need them. Eaton's experienced engineers can work alongside your team to plan and implement projects.

- Installation, supervision, startup and commissioning
- Refurbishment and reconditioning programs for switchgear and power circuit breakers
- Motor control center upgrade services
- Power system studies: including arc-flash, short-circuit and coordination studies; and system up-rate analysis and solutions
- Power system studies / arc-flash hazard analysis / safety audits
- Backup generator switchgear solutions
- Plug-and-play infrastructure solutions for temporary generation

Low voltage and medium voltage renewal parts and replacement components

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Contact your local Eaton sales representative to learn more.