

DS Breaker Programs

Increase reliability with high-quality breakers

Challenge

Faced with long-lead times, high costs and restricted options, utilities need reliable and cost-effective solutions to support their installed base of vintage Westinghouse DS Breakers.

Solution

Framatome's custom breaker programs can help — by lowering lead times and reducing costs to optimize the reliability and high quality of these vintage Westinghouse and Eaton® models.

Get More MILES out of your Circuit Breakers



Framatome's Maintenance Interval and Life Extension Solutions (MILES) Program prolongs your maintenance interval to 14 years on the mechanism. This program is possible by addressing industry grease hardening concerns through extensive testing and incorporation of a new synthetic lubrication on the operating mechanism. The advanced lubricant can be

supplied on new circuit breakers, replacement operating mechanisms, reconditioning parts kits or through our reconditioning services and comes standard with Framatome MILES-14 Certification to ensure compliance with our qualification testing program. An extended warranty can also be provided on new breakers supplied with the lubricant or breakers reconditioned by Framatome under the MILES program.

New Breakers

Through our total custom breaker solutions, Framatome can support all project phases for new breakers from conceptual design, detailed design, implementation, equipment qualification, commercial grade dedication (CGD), documentation, training, study and evaluation.



Customer benefits

- Improved employee safety
- Increased reliability and performance
- Lower operating and maintenance costs
- Framatome's nuclear 1E-rated world-class CGD program, equipment qualification, application engineering and product management
- Reduced downtime

Your performance
is **our** everyday **commitment**

Parts, Reconditioning and Training

Framatome's capabilities range from parts supply to performance of complete reconditioning or repair and failure analysis of breakers shipped from plant sites. For customers that opt to recondition in-house, Framatome will work with you to customize a DS Breaker Training Program for your plant personnel at the original equipment manufacturer (OEM) training facility or at your site. Framatome will also supply all piece parts and kits required to complete the job.

The benefits of working with Framatome include:

- MILES program with new synthetic lubrication
- Custom programs and blanket orders that reduce cost
- Extended warranties
- Industry leading expertise in supporting both safety-related and non-safety-related applications, including access to design and product engineers
- Design access and availability to proprietary information
- Framatome DS Breaker Qualification Reports available for review

OEM Assurance

Through our agreement and relationship with Eaton, the OEM of the DS Breaker line since 1994, Framatome works directly with the OEM in support of the reconditioning process, and new breaker and parts supply. Framatome uses OEM parts and up-to-date drawings for assurance that no fraudulent parts enter the plant. This direct link to the OEM also aids in any troubleshooting that a utility may require for their existing breakers. In addition, Framatome offers other DS Breaker product upgrades, such as a safety-related Direct Trip Actuator, developed by Framatome to improve performance and reliability. As expected, these upgrades have been tested and equivalencies conducted.



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