

## Electrical Panelboard Retrofit and New Replacement Solutions

### Challenge

AC & DC panelboards are vital to the operations of nuclear plants, providing both control and current protection. The reliability of your power distribution system is critical, and the consequence of an obsolete breaker failing is significant.

### Solution

When faced with obsolete panelboard issues, Framatome can assist you with a custom solution for a retrofit or complete panelboard replacement to upgrade the performance of your electrical systems to meet your current needs. Framatome has provided Class 1E qualified custom retrofit panelboards built to meet specific needs.

Save time and money by using existing panelboard enclosures and conduit runs. Our safety-related retrofit solutions fit into your existing enclosures with equipment configured to your precise specifications for most any manufacturer's existing panelboard enclosure. This custom fit results in ease of installation, while reducing cost and risk. Retrofits are a cost-effective solution to address obsolete components, loose connections and over-heating concerns. Retrofits may be used to support upgrading protective device interrupting ratings, and providing additional load growth. Framatome solutions include panelboard parts manufactured by Eaton, the world leader in breaker technology and also full custom-built components.

In addition to the equipment, Framatome can offer the engineering analysis for short circuit coordination, voltage drop, and equivalency evaluation up to a complete Engineering Change package to support your upgrade.



### Customer benefits

- Manage overall costs
- Custom buswork, configurations and dimensions
- High-quality products, delivered on time
- Complete documentation
- Accelerated shipping offered
- Special enclosures and paint finishes

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

## Technical Information

### Circuit Breakers or Fusible Switches

- 240, 480 or 600 Vac; 600 Vdc Maximum  
Main lugs only  
1200A maximum
- Main circuit breaker  
1200A maximum
- Main fusible switch  
1200A maximum
- Branch circuit breakers  
1200A maximum  
Single-, two- and three-pole
- Branch fusible switches  
1200A maximum  
Two- and three-pole

## Engineering Solutions to Improve Performance

Framatome can customize a solution to fit your needs, including a full solution of custom products, design verification testing, seismic testing, commercial grade dedication, project management, installation and modification engineering. Framatome delivers integrated engineering solutions to improve your plant's performance.



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