

High-Speed Busbar Transfer System

Modernizing the HSBT using SIPROTEC 5

Improving the availability, reliability and safety of your NPP with our standardized solution

Challenge

Installing a High-Speed Busbar Transfer (HSBT) system in a nuclear power plant presents significant challenges, including strict safety regulations and complex integration with existing infrastructure. Custom solutions often lead to lengthy approval processes, higher costs, and extended project timelines. Ensuring reliable, ultra-fast power transfers requires extensive testing and validation. Any failure or delay can compromise plant safety and operational stability.

Solution

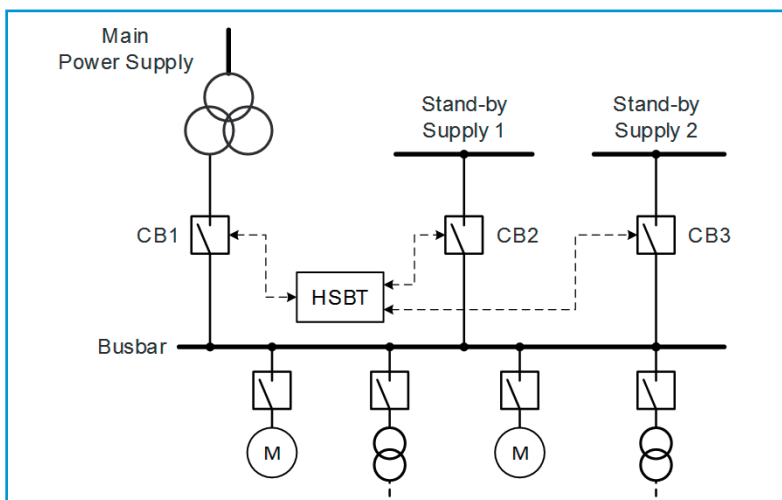
Our HSBT system follows standardized concepts while remaining fully adjustable to meet specific customer requirements. Designed for seamless integration, it enables ultra-fast and reliable power transfers, reducing downtime and project complexity. Equipped with proven digital multiprotection devices (SIPROTEC 5), our solution delivers efficiency, security, and flexibility for nuclear power plants.



Cabinet for high speed busbar transfer system

Customer benefits

- Standardized design allows fast project execution
- Switch over to 1-2 stand-by grids
- Compatible with the latest standards in cybersecurity
- Use of state-of-the-art devices for long-term availability



Example of a grid connection of a NPP

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

Contact: electrical-systems@framatome.com
www.framatome.com

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