

Aerospace and Defense Company

Electrical Power Solutions

Employing over 120,000 people in the research, design, manufacture, and integration of advanced technology, this global leader in state-of-the-art systems depends on innovative solutions.

CHALLENGE

An older primary power distribution system posed a dilemma: either upgrade the existing 13.2KV primary switchgear — critical to providing safe and reliable power facility-wide — or face a costly and logistically demanding replacement of the entire system.

SOLUTION

The aerospace and defense company enlisted ABM to provide a solution. After review and analysis, ABM recommended a customized, engineered solution to provide modernization to the power distribution system. The modernization also includes an upgrade to allow communications with the building's automation systems.

To ensure a safe, reliable primary power distribution system for the facility without replacing the entire system, ABM:

- Upgraded and modernized the existing 13.2KV primary power distribution system
- Removed existing protective relays and monitoring and alarm systems
- Installed and tested

BENEFITS

- Reduced risk of failure and risk to assets
- Improved safety
- Engineered solution compared to a complete system replacement saved a large amount of capital
- Minimized impact to site operations

ABM delivered a fully installed and tested, custom designed electrical system that provided costs savings and improved safety and reliability for this industry leader.



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