



Power Generation upgrade for white space expansion for an 80,000 sq. ft. data center powered by ASCO.



Application

- Modification of Power Control Systems to enhance N+1 operations, achieve Tier III classification and expand white space.

Challenges

- The customer requires for the facility to remain on-line throughout the improvement process.
- Upgrade of electrical architecture to Tier 3 classification with diverse distribution
- System design to transition to dual IT and mechanical load electrical bus
- Replacement of existing non paralleling generator set (2) with 3 generator system with paralleling capability.
- Integrate the new expansion electrical system with the facility Data Center Information Management System.

Solution

- ASCO Power Control System with Generator Controls
- Square D Switchgear

Benefits

- Tripled power generating capabilities
- Increased available white space by 65%
- Realized efficiency improvements of approximately 12%



Bluebird Data Center

Operational benefits of a purpose-built highly reliable advanced data center with all the protection and security.



Confidential Property of Schneider Electric |

“

Thanks to the Schneider Electric team for excellent products and professional installation.”

Todd Murren
General Manager – Data Center

Life Is On

