

## Reference - Cynergy Electric Company, Inc.



**ADF Beulah Switchgear Phase 3 Upgrade Project – Ft Belvoir Virginia**  
**The Boeing Service Company**  
**Contract No. 4500241570**

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Cynergy was awarded a \$3,797,442.00 contract on January 22, 2015 for the entire procurement, replacement and of 15KV medium voltage Switchgear. The project also included for the entire procurement, installation of 2 runs of 15KV, 4000A outdoor rated buss duct from a newly installed Dominion Virginia Power Plant (DVP) to the new switchgear.

The nature of the building's occupants as well as the nature of the facilities operations required a high level of security. All vehicles and contents were subject to clearance, inspection and identification procedures conducted by the ADF Security personnel. All personnel were subject to a security clearance.

Principle features of the project were as follows;

- Installing the new 15KV line-up inside the UTB Building.
- Installing 2 runs of 15KV buss duct from the switchgear to the new DVP power plant via 22' above grade. The penetration of the existing roof, and patching was also required.
- Providing temporary feeders to the existing loads while the switchgear was being replaced.
- Installation, testing, and termination of MV Cable via manholes and duct banks.
- Testing and certifying the new 15KV circuit breakers in the new switchgear.
- Demolition and removal of the existing 15KV switchgear.

We were responsible for complying with all requirements and actions listed in the project drawings, specifications and SOW. The project required for the existing load feeders to remain energized during the replacement of the new 15KV switchgear. Extensive planning and close coordination with the project manager and DVP was required. We were responsible to provide all necessary materials, labor and equipment to successfully complete the project and to support cleanup and disposal of all construction debris.