

NC State University Cates Utility Plant Renovation and Addition Energy Savings Performance Contract



- New Atlantic performed a 7,500 SF renovation and 7,500 SF addition to the existing utility plant.
- The facility houses 2-5.5 mw combustion turbine generators, 2-50,000 pph heat recovery steam generators, 2 fuel gas compressors, a 2,000-ton chiller, a 2,000-ton cooling tower, and medium voltage (5KV) variable frequency drives.
- Included installation of temporary chilled water equipment to make up to 1,500 tons of chilled water during the cooling season.
- Required “early equipment packages” to begin procurement activities for critical pieces of equipment.
- This project received a LEED™ Silver certification.

Location
Raleigh, NC

Delivery Method
CM at Risk

Size
7,500 SF Addition
7,500 SF Renovaion

Architect
Jacobs