

AES Best Practices

East Carolina University Boiler Blow Down Heat Exchanger



- **Recaptures energy lost through boiler blow down**
- **Funded through energy savings carry forward**
- **4,200 mm BTU annual energy savings**

Energy Conservation and Sustainable Initiatives

Warren Wilson College EcoDorm: Nations first LEED EB Platinum Dormitory



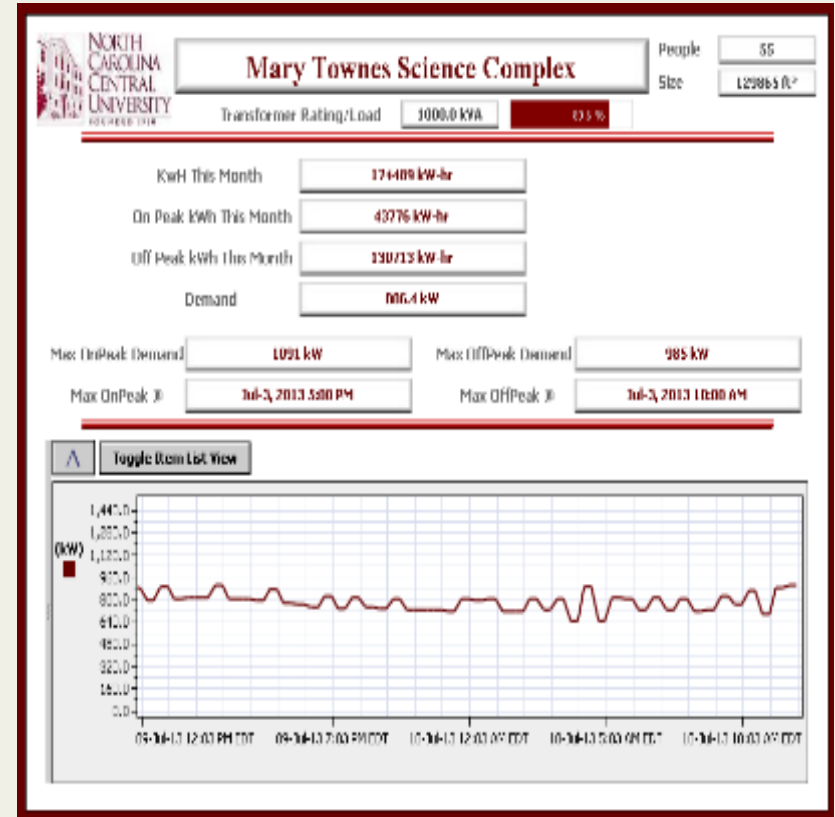
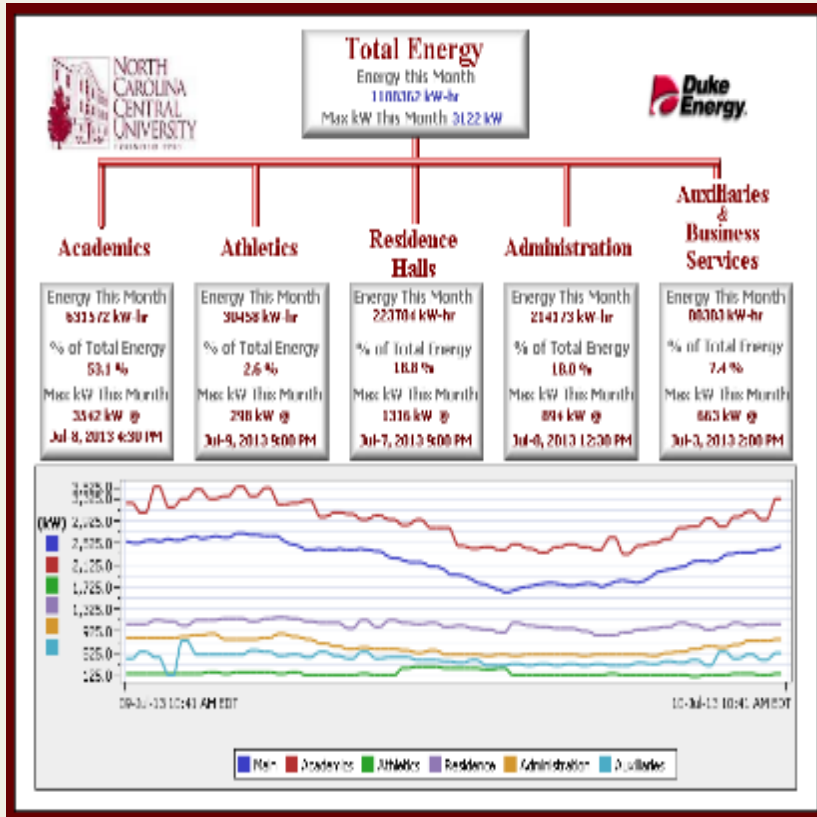
Energy Conservation and Sustainable Initiatives

UNC Chapel Hill's Morrison Residence Hall won EPA's first national building competition by investing less than \$30,000 to avoid more than \$200,000 in energy costs. It also reduced energy consumption by 36%.



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

Energy Conservation and Sustainable Initiatives



CAMPUS-WIDE SUB-METERING SYSTEM – NORTH CAROLINA CENTRAL UNIVERSITY
 Installed at 47 Buildings | Real-Time Monitoring | Database Analysis Tools | Dashboard Modules

Energy Conservation and Sustainable Initiatives

UNC Asheville's direct digital control system has resulted in a 31% reduction in energy usage. Implemented in 1992, the system is now present in every building on campus.



Energy Conservation and Sustainable Initiatives

UNC Asheville saw 50% reduction in energy usage after installing its first geothermal system in 2002, and has since expanded its use of geothermal systems to seven buildings across campus.



Energy Conservation and Sustainable Initiatives

Others?