

Gallup University ECO 24/7SM Case Study

Energy, Commissioning and Optimization Services (completed in October 2008)

- » Optimized the chiller schedule
- » Optimized hot water pump speed and temperature control
- » Implemented ECO 24/7 Fan Airflow Station technology on all nine AHUs
- » Implemented ECO 24/7 Pump Flow Station technology for the chilled and condenser water pumps
- » Fine-tuned 304 single-duct terminal boxes

Benefits

- » Reduced comfort complaints
- » Improved system reliability
- » Eliminated building pressure control issue

Annual Energy Savings

- » Reduced electricity consumption by **31.2%** (based on 24 months of utility data since project completion)
- » Reduced electricity demand by **33.6%**
- » Reduced natural gas consumption by **15.3%**



Gallup University

1001 & 1003 Gallup Dr.,
Omaha, NE

- » Built in 2003
- » 3-story (north) and 5-story (south) office and data center
- » 306,000 square feet
- » Nine air handling units
- » Two water-cooled chillers
- » Four gas-fired boilers
- » Modern DDC controls

