

Terrace Plaza

ECO 24/7SM Case Study

Energy, Commissioning and Optimization Services (completed in March 2003)

- » Chiller replacement
- » Upgrades to AHU, temperature control and lighting system
- » Commissioning and optimization of the HVAC system

Benefits

- » Utility savings from ECO 24/7 is \$65,200 annually (based on five years of utility data since project completion)
- » Improved system reliability
- » Improved building comfort
- » Reduced overall maintenance costs

Annual Energy Savings

- » Reduced electricity consumption by **49.3%**
- » Reduced electricity demand by **18.2%**
- » Reduced natural gas consumption by **40.6%** (based on five years of utility data since project completion)



Terrace Plaza

Omaha, NE

- » Built in 1972
- » 3-story office building
- » 49,436 square feet
- » Single-duct cooling only VAV AHU
- » 150 ton chiller
- » 52 pneumatic boxes
- » Perimeter fin-tube heating

