

Ford Motor Credit Building ECO 24/7SM Case Study

Energy, Commissioning and Optimization Services (completed in December 2009)

- » Implemented ECO 24/7 Digi-RTU Optimizer technology on all eight RTUs
- » Optimized RTU supply fan, relief fan, economizer, supply air temperature and operating schedules
- » Implemented ECO 24/7 optimized terminal box operation and control
- » Retrofitted existing T12 light fixtures with high efficiency T8 ballasts and lamps

Benefits

- » Improved system reliability
- » Reduced comfort complaints
- » Improved indoor air quality

Energy Savings

- » Reduced electricity consumption by **29.9%** (based on three years of utility data since project completion)
- » Reduced electricity demand by **15.7%**



Ford Motor Credit Building 12110 Emmet St., Omaha, NE

- » Built in 1990 & expanded in 1996
- » 1-story office building
- » 65,300 square feet
- » Eight CAV RTUs with gas heat
- » 37 single-duct VAV terminal boxes
- » Modern DDC controls

