Ford Motor Credit Building
ECO 24/7<sup>SM</sup> 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

Electricity Consumption

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Electricity Demand

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