Project Details
In December 2006, the City of Golden’s Council identified sustainability as its number one priority for 2007 and entered the Colorado Governor’s Energy Office’s energy performance contracting program. Through a competitive solicitation, the City chose McKinstry as its sustainability partner and we began the process of auditing City facilities in October 2007.

Through investigation of numerous energy conservation measures, the project scope of work includes lighting retrofits and occupancy sensors in nearly every building, with a major redesign of the Community Center pool lighting to meet code compliance and reduce electricity consumption. Outdoor lighting is being retrofit for Dark Sky compliance. The Community Center is receiving new air handling systems, an updated energy management system, and a solar pool heating system with dehumidifier optimization for maximum savings. The Public Works Building is located above the water treatment plant storage tank, creating an uncomfortable winter working environment. A new boiler and floor insulation is being installed to solve this issue. Facility improvement measures at other City buildings include controls upgrades and optimization, VFDs on pump motors, and HVAC improvements.

Project Benefits
McKinstry secured grants on the City’s behalf for $500,000 from the Department of Local Affairs’ Energy and Mineral Impact Fund and $25,000 from the Governor’s Energy Office’s Renewables in Performance Contracting Grant Fund. Substantial rebates from Xcel Energy are also benefitting this project. The installation of these energy conservation measures saves the City over $88,000/year in utility and operational costs.