Project Information

Project Dates
- Audit Start: 06/2008
- Audit Complete: 12/2008
- Construction Start: 04/2009
- Construction Complete: 09/2009

Project Size
- Buildings: 6
- SF: 320,949

Contract Information

Amount $2,755,632
Type Performance Contract; GMAX
Duration 15-year Guarantee
Financing
- $300,000 DOLA Grant; $82,500
- GEO Solar Rebate Grant; $93,370
- Utility Rebates; City Capital; Lease Purchase

McKinstry Team

Project Director Leslie Larocque
Program Manager Bryan Hanson
Construction Manager David Daniel
Engineers/Designers Leslie Beu
Measurement & Verification TBD

Project Details

McKinstry was chosen by the City of Longmont in April 2008 as its ESCO partner. During the technical energy audit phase, the City and McKinstry expedited the site audit to apply for the Department of Local Affairs’ new Energy Communities Initiative Grant and the team focused on a Phase I project to incorporate the six (6) most visible, high energy use buildings in Longmont.

The Phase I project includes a major retro-commissioning effort in 5 of the 6 buildings driven by substantial energy savings. High efficiency lighting retrofits is included for all buildings. Both the Recreation Center pool and the Centennial Pool are receiving solar thermal installations, partially funded by grants and rebates. McKinstry will install a demonstration project of Building Integrated Photovoltaics (PV skylights) at the Civic Center, fully funded by grants. Major mechanical system retrofits are also funded through this program at the Centennial Pool, the Safety & Justice Center and the Civic Center.

McKinstry is also providing Active Energy Management services, working directly with the City’s Energy Manager to provide real-time utility data tracking, analysis and issue management.

Project Benefits

McKinstry secured grants on the City’s behalf for $300,000 from the Department of Local Affairs’ New Energy Communities Initiative Grant and $82,500 from the Governor’s Energy Office’s Solar Rebate Program. Substantial rebates from the utility are also benefitting this project. The installation of these energy conservation measures saves the City over $177,000/year in utility and operational costs.

The City was able to leverage these substantial energy savings to complete major mechanical retrofits, replacing systems at the end of their useful lives, mitigating public safety issues and achieving future capital avoidance.