

City of Longmont

Longmont, Colorado



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.

Project Information

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| 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

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| 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

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

Project Contacts

Director, Parks, Open Space & Public Facilities,
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