



Mapleton Public Schools

Adams County School District No. 1
Denver, Colorado
Energy Performance Contract



Project Size: 11 buildings, 652,907 sq ft
Project Dollar Amount: \$4,381,741 (Phase 1)
Source of Funds: Wells Fargo
Contract Terms: 15-Year Guaranteed Savings Performance Contract
Project Schedule: Completed on time

Project Phase	Project Dates	
	Started	Completed
Comprehensive Energy Analysis	January 2001	April 2001
Design/Implementation	June 2001	December 2001
Monitoring	December 2001	December 2016

Guaranteed Annual Energy Savings: \$140,936 (escalates at 3%/year due to utility price increases)

Annual Non-Energy Savings: \$37,394 O&M savings specifically for water maintenance savings and contract & labor savings plus stipulated meter savings for the Instructional Services Center.

Achieved Summarized Savings: Mapleton Public Schools

Baselines	kWh	kW	CCF	Water (gal)	Steam (lbs)	Energy \$	Non-Energy \$	Total Dollars
		7,040,241		420,372	58,115,923		\$4,147,897	
ANNUAL SAVINGS								
Year	kWh	kW	CCF	Water (gal)	Steam (lbs)	Energy \$	Non-Energy \$	Total Dollars*
Construction	269,277		11,310	3,494,864		\$30,208		\$30,208
1	2,110,195		62,225	11,566,020		\$173,435	\$257	\$173,692
2	1,685,297		61,767	14,684,922		\$170,693	\$265	\$170,958
3	2,006,295		110,105	18,105,960		\$226,547	\$273	\$226,820

* Energy Savings + Non-Energy Savings = Total Annual Dollars Saved

Measurement and Verification: Savings Calculation Method – IPMVP, 1997, Option C (entire facility level utility bill comparison before and after retrofit).

Comments: District was able to leverage guaranteed energy and operating cost savings to offset capital construction costs. Due to success of initial project, the District has completed Phase II and Phase III, which included additional building automation and critical alarm monitoring points with added air conditioning to an additional elementary school.

For more information, contact: Steve Spurgeon, 800 475 3500 x3609
www.chevronenergy.com

List of Improvements:

- Lighting renovation
- Added air conditioning
- Refurbished/added building automation controls
- Repaired and upgraded mechanical systems
- Energy training and ongoing M&V
- Added outlets and power to classrooms
- Water conservation measures
 - Irrigation
 - Shower heads and faucets
 - Toilets

Reference:

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