

Cost Avoidance by Building

Billing Period between 201901 and 201912

	BATCC Cost	Actual Cost	Cost Avoidance	Cost Avoidance %
Raymore Elementary [RES_1]	\$109,146	\$47,691	\$61,455	56.3%
Freshman Center [RPFC_1]	\$118,209	\$57,899	\$60,310	51.0%
Shull Elementary [RPSE_1]	\$98,793	\$50,886	\$47,907	48.5%
Athletic Fields [FIELD_1]	\$28,860	\$15,421	\$13,439	46.6%
North High [RPNHS_1]	\$175,158	\$100,080	\$75,078	42.9%
Peculiar Elementary School [PES_1]	\$105,129	\$61,631	\$43,498	41.4%
Timber Creek Elementary School [TCE]	\$70,733	\$41,974	\$28,759	40.7%
High School [RPHS_1]	\$345,088	\$210,965	\$134,123	38.9%
Stonegate Elementary School [SES_1]	\$77,532	\$47,617	\$29,915	38.6%
Eagle Glen Intermediate School [EGI]	\$91,805	\$64,282	\$27,523	30.0%
Creekmoor Elementary [CES_1]	\$89,173	\$72,229	\$16,944	19.0%
East Middle [EMS_1]	\$148,523	\$121,869	\$26,654	17.9%
Athletics [ATH_1]	\$49,584	\$41,222	\$8,362	16.9%
Bridle Ridge Intermediate [BRES]	\$98,834	\$85,415	\$13,419	13.6%
Administrative Services Center [ASC_1]	\$30,645	\$27,228	\$3,417	11.1%
Warehouse/Maintenance [WHSEMAINT_1]	\$13,359	\$15,689	(\$2,331)	-17.4%
Total	\$1,650,572	\$1,062,099	\$588,473	35.7%

Cost Avoidance by Building

Billing Period between 201801 and 201812

	BATCC Cost	Actual Cost	Cost Avoidance	Cost Avoidance %
Raymore Elementary [RES_1]	\$108,296	\$50,503	\$57,793	53.4%
Freshman Center [RPFC_1]	\$117,778	\$60,320	\$57,459	48.8%
Shull Elementary [RPSE_1]	\$100,878	\$53,710	\$47,169	46.8%
North High [RPNHS_1]	\$181,159	\$98,623	\$82,536	45.6%
High School [RPHS_1]	\$315,970	\$190,633	\$125,337	39.7%
Peculiar Elementary School [PES_1]	\$105,361	\$64,065	\$41,295	39.2%
Timber Creek Elementary School [TCE]	\$72,573	\$44,179	\$28,394	39.1%
Eagle Glen Intermediate School [EGI]	\$92,447	\$61,273	\$31,174	33.7%
Stonegate Elementary School [SES_1]	\$75,144	\$50,092	\$25,052	33.3%
Creekmoor Elementary [CES_1]	\$86,779	\$67,076	\$19,703	22.7%
East Middle [EMS_1]	\$146,162	\$123,573	\$22,588	15.5%
Bridle Ridge Intermediate [BRES]	\$97,054	\$83,196	\$13,858	14.3%
Athletics [ATH_1]	\$49,655	\$43,475	\$6,180	12.4%
Administrative Services Center [ASC_1]	\$29,455	\$28,440	\$1,015	3.4%
Athletic Fields [FIELD_1]	\$28,403	\$28,840	(\$437)	-1.5%
Warehouse/Maintenance [WHSEMAINT_1]	\$14,559	\$15,324	(\$765)	-5.3%
Total	\$1,621,672	\$1,063,321	\$558,351	34.4%

Executive Summary (MMBtu)

Cumulative Cost Savings

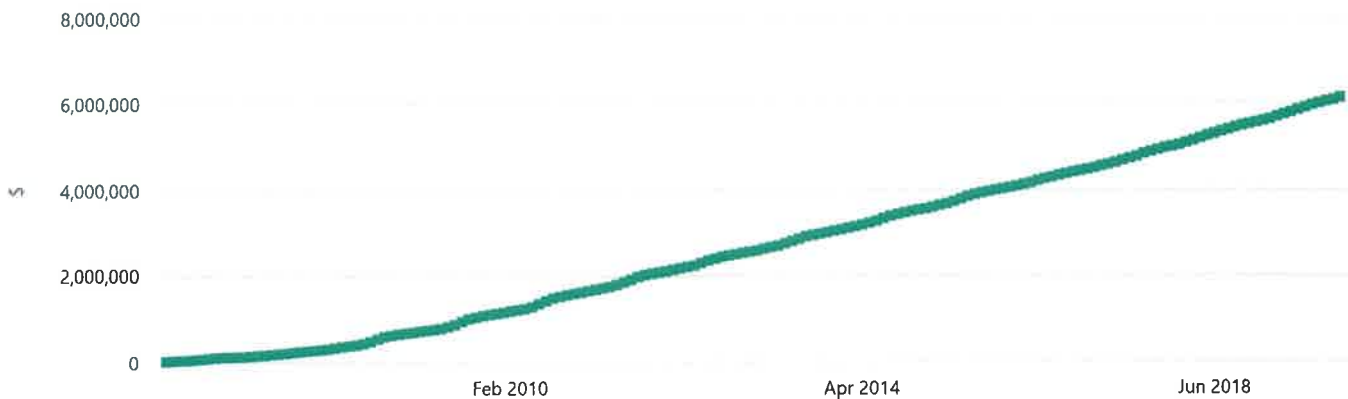
Billing Period between Jan 2006 and Dec 2019

Expected Cost	\$19,122,001
Actual Cost	\$12,968,648
Program Savings	\$6,153,353
Percent Savings	32.2%
Other Savings	\$0
Total Savings	\$6,153,353



Expected Energy Cost	Actual Energy Cost	Program Savings
Anticipated expense without energy management.	Actual utility costs for electricity, gas, water, sewer, etc. obtained directly from bills.	The difference between Expected and Actual Cost, calculated in accordance with the International Performance Measurement & Verification Protocol and ISO 50015. Does not include savings attributable to reduced equipment maintenance and replacement costs and other collateral benefits. These savings can increase the program savings up to 20%.
Base year usage after adjustments for such variables as changes in weather, equipment, schedules, occupancy and prices.	Other Savings Additional documented savings attributable to Program activities but not the direct result of usage reductions, such as rebates, refunds, tariff changes, etc.	

Cumulative Cost Savings



Cumulative Greenhouse Gas Reduction

Energy Reduction Impact: 217,167 MMBtu 40,203 equiv. metric tons of CO2

This is equivalent to the following:

Passenger cars not driven for one year:	8,376
Tree seedlings grown for 10 years:	1,030,837