

FROST MIDDLE SCHOOL BOILER REPLACEMENT PILOT RESULTS

1 MCF = 1,000 cubic feet of natural gas used

1 kilowatt hour (kWh) equals the amount of energy you would use if you kept a 1,000 watt appliance running for one hour

	2015	2018	Reduction	% Reduction
Natural Gas (MCF)	5,273	3,955	1,318	25%
HVAC Electrical (kWh)	37,332	5,527	31,805	85%
Cycles / Day	100	8	92	92%
CO2 / year (Metric Tons)	54.3	24.9	29.4	54%
Cost of Gas (\$6.50)	\$ 34,274.50	\$ 25,707.50	\$ 8,567.00	
Cost of Electrical (\$0.10)	\$ 3,733.20	\$ 552.70	\$ 3,180.50	
TOTAL	\$38,008	\$26,260	\$11,748	

Energy Rebates = \$21,818

NOTE: Future rebates will be dramatically reduced by energy companies and are thought to be in the range of \$2,000 - \$6,000 per building, based on size.