

FM Program - Historical Results

Energy Savings Value & Pricing



SampleTown Public Schools

Energy Savings Value is the energy saved as compared to the base year model, multiplied by current energy prices. EFA's **first** official FM Program contract was with Sample Township High School (now MS) in 1983! After major HVAC and control renovations about 2002, six Andover controlled sites returned 2005-2007. With the addition of New School ES in 2009 and the new High School in 2014; average annual savings are \$ 763,720.

Year	Annual Energy Savings Value	Avg \$/Therm	Avg \$/KWH	
2006	\$604,595	\$1.81	\$0.15	<div style="background-color: #fff9c4; padding: 5px; text-align: center;">2016 Goal \$795,000</div> <div style="background-color: #e0ffe0; padding: 5px; text-align: center;">New HS Joins -- Reduce electric 30%</div> <div style="background-color: #4682b4; padding: 5px; text-align: center;">Energy Prices drop 40% over two years.</div> <div style="background-color: #90ee90; padding: 5px; text-align: center;">New School Joins -- Reduce heating 30%</div> <div style="background-color: #4682b4; padding: 5px; text-align: center;">Add HS now MS -- 50% Energy Savings Reduction</div> <div style="background-color: #4682b4; padding: 5px; text-align: center;">Yr. 2006 - 6 Sites</div>
2007	\$844,793	\$1.59	\$0.15	
2008	\$852,771	\$1.63	\$0.17	
2009	\$803,179	\$1.47	\$0.17	
2010	\$783,153	\$1.70	\$0.22	
2011	\$709,069	\$1.04	\$0.17	
2012	\$669,844	\$0.95	\$0.13	
2014	\$818,647	\$0.95	\$0.12	
2015	\$787,432	\$0.88	\$0.12	
Lifetime Energy Savings Value		\$ 6,873,482		

Savings and Equivalents for 2015



344,418
10

Therms of natural gas heating fuel saved
Elementary schools heated for one year

5,448,732
18,000

Kilowatt hours electricity saved
Laptops powered for one year



5,583
671

metric-tons of CO2 emissions avoided
Passenger vehicles operated for one year



\$ 787,432
56

Dollar value of all district energy saved
Years of paid tuition at NJ state college