



## Second Quarter Energy Saving Progress Report

Each school in our district has been working to carry out the energy efficiency strategies as recommended by the Schools for Energy Efficiency (SEE) program. To monitor our progress, utility bill data is tracked and reported quarterly for each building. Utility tracking allows us to monitor energy saved, identify issues and adjust our approach as we move forward.

As a district, we have reduced our energy use by 1% percent during March 1<sup>st</sup>, 2011 – May 1<sup>st</sup>, 2011. This brings us to an average reduction of 2.5%. Look at the chart below to see how your building is doing:

Building	% Change Electric	% Change Nat Gas/Inv Fuels	% Change Total Energy (Btu)	% Change Electric Demand	Avoided Cost
Delano Community Education	11%	7%	7%	(8)%	(\$652)
Delano Elementary School	(17)%	0%	(8)%	(12)%	\$3,028
Delano Middle School/High School	(9)%	5%	(0)%	(13)%	\$4,353
Grand Total	(11)%	4%	(1)%	(13)%	\$6,729

This report highlights your organizations’ energy saving results and avoided energy costs for the current period compared to the same period in the base year.

A negative % change = a reduction in energy use and a positive % change = in increase in energy use. The % Change Total Energy column combines the electric and natural gas/inventoried fuel results by converting them to the common reporting unit of British Thermal Units (Btu) for a measurement of total energy change. Electric Demand is a measurement of the peak electric usage over the course of a utility billing cycle and is billed as a separate component in most commercial electric bills. Avoided Cost is a calculation of energy dollars that would have been spend has energy not been saved. ©2011 CLASS 5, Inc.

The percentage of energy saved is compared against baseline data. A *baseline* of one year’s utility data is established for each building and normalized for weather and price fluctuations. Energy saving is compared only to your building.

- *MMBtu* (Million British Thermal Units) is a converted measurement of total energy use as it relates to electricity, natural gas and oil.
- *Electricity* is measured in Kilowatt-hours. *Demand* is the peak or maximum load of electric use measured in Kilowatts.
- *Natural gas* and oil are combined for the total heating energy savings.
- *\$ avoided* is a calculation based on current utility rates and energy savings. This dollar amount represents money the district would have spent had they not conserved energy.

The goal of the SEE program is a 10% percent MMBtu energy use reduction and ENERGY STAR® labels for top performing buildings.

**Congratulations on your progress and thank you for saving energy!**

To learn more please go to [www.class5energy.com](http://www.class5energy.com)