



AISD Energy Management



Did You Know?

- A computer monitor that is set up in power save mode and turned off at the end of the work day and on weekends saves \$11.08 annually. We have almost 12,000 computers within AISD!
- Each degree that you set your thermostat above 68 degrees increases heating costs by 3%.
- A typical beverage vending machine costs \$217 in utilities per year. If you install a vending miser, it saves \$100 per year!
- Lighting makes up approximately 30% of our total electricity costs.

Cold Weather Tips

- Open curtains or blinds to increase heat gain during winter months.
- Keep exterior doors closed as much as possible to aid in keeping the building at desired temperature.

Daily Reminders

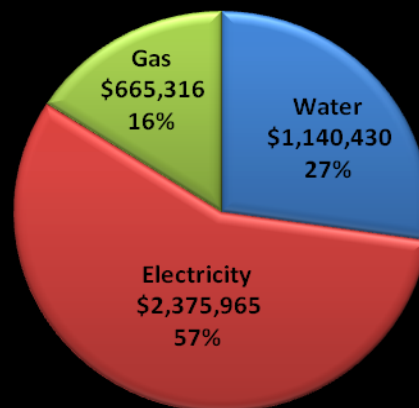
- Turn off the lights when you leave a room.
- Turn off computer monitors at the end of the day.
- Shut down computers at the end of your work week.
- Close the door. Keeping the doors closed in classrooms helps to keep the room at the desired temperature.

**Together
We Can Make a
Difference!**

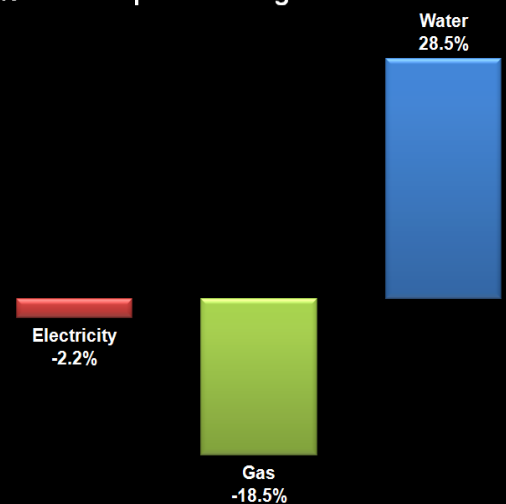
Energy Efficiency Projects

- Houston Middle School Gym –Energy efficient T-5 high bay lights were installed to replace the metal halide lighting system. Motion sensors were also installed to ensure the lights go off when the gym is unoccupied.
- Ten elementary school gyms lighting systems will be retrofitted with efficient T-5 High Bay lighting systems.
- All elementary gyms now have EMS controls for HVAC.
- Caprock, Bowie & Bonham received new, energy efficient hot water heaters to replace existing boilers.
- Vending misers will be installed on every beverage vending machine throughout the district this year.

AISD Total Utility Costs 2010-2011 School Year



% Consumption Change Last 12 Months



Progress!

Two of our three utility consumption categories are headed in the right direction. The increase in water consumption is due to the extreme drought conditions we have faced this year. Reduced gas and electricity usage has saved the District just over \$200K in the past 12 months! Keep up the good work and remember it is the little things we do to conserve daily that lead to substantial savings.

AISD Recycles!



AISD began district-wide cardboard recycling at the end of August 2011. To date, we have recycled 66,385 pounds of cardboard. That is approximately 30 tons! Not only does recycling keep this out of our landfill, it saves the district money by reducing waste disposal costs. Since implementation of cardboard recycling in mid-August 2011, changes to dumpsters and pick up days have led to an estimated savings of \$39,000 per year!

Thanks to all of you for your participation!

Questions or Comments; Contact shawna.ham@amaisd.org or 806-326-1558