

## First Issue

Welcome to the first issue of the CMCSS Energy Newsletter, your news and information source on reducing costs through conservation. This newsletter can help keep you informed about what's going on in Montgomery County regarding energy effectiveness in our schools.

As a strategic goal of our organization, CMCSS has chartered a Smart Energy Project Team made up of representatives from all levels and occupations within the district. Their charter is to develop and implement the multi year program

that will lead to maximum energy efficiency in all of our facilities. This newsletter is a critical step in that campaign.

The CMCSS Smart Energy Campaign has targeted the attainable goal of reducing utility consumption in our schools by using best practices and common sense. This publication is intended to help us all tackle the REAL FIRST ISSUE...conserving the resources of today for our students of tomorrow.

### CMCSS Charters Course to Energy Conservation

Having completed the first four phases of the CMCSS energy management program the district created an Energy Management Project Team to conduct Phase V of the program. Phase V will consist of the development and implementation of the District's energy management policy. The phase is expected to be implemented over the next several years. The creation of the CMCSS District Energy Management Project Team is a 2008/2009 & 2009/2010 strategic initiative of the organization. The mission of the team is to develop and implement a District Energy Management program for CMCSS. The creation of this team is the District's next step in our multi year move to achieving maximum energy efficiency in all of our facilities.

The team is made up of a cross section of the organization including Administrators, Managers, Employees, and Students from across the District including members from each of the following CMCSS departments and sections: Academics, Technology, Business Affairs, Communications, Food Service, Custodial, Process Management, and Operations. The team also includes consultants from the Tennessee Valley Authority and local utility suppliers.

"We are very proud of the initial success of the District's energy management program and we are even more excited about the programs future."

-Jim Sumrell, CMCSS Chief Operations Officer



## Take the Challenge!

The Smart Energy School Challenge will recognize schools that have the greatest energy reduction for the year based on last year's energy consumption. The Challenge will have three categories: High Schools, Middle Schools, and Elementary Schools.

Each school will receive a quarterly energy progress report that will compare the current year's monthly energy consumption to last year's monthly energy consumption for their school. Each school will also receive a quarterly district report. The report will show percent energy reduction for the quarter. At the end of the year, the school in each category who completes all necessary requirements and who achieves the highest percent energy reduction will receive the coveted "Smart Energy School of the Year Award to display at the school.

One of the most important steps toward energy efficiency was taken in the fall. That step was the selection of school or building Energy Champions. These Energy Champions are CMCSS employees who will act as a liaison between the school/building occupants and the Energy Management Team. Over the 2009/2010 school year these individuals are assisting in monitoring consumption in their buildings, raising awareness, and assisting in educating the teachers, staff, and students at the facility.

As members of both the CMCSS Energy Management Project Team and the Faculty in each building, the champions can interpret district data and work collaboratively in each building to achieve positive results. One of the duties of the Energy Champions is to re-



## Energy Champions Crowned

**"Being Energy Champion not only gives me the opportunity to take part in conserving energy and saving money, but helps make the world greener for future generations of children."**

**-Michael Ann Adams, Energy Champion for Moore Magnet Elementary**

view utility data and compare that data to previous year's benchmarks. They also pass along energy news and events that take place at the school to the District for content in quarterly newsletters and distribute energy conservation materials within their buildings. Most importantly, they assist in educating faculty and students on district implemented energy conservation/management strategies and report on progress.

To find your Energy Champion, or collaborate with Energy Champions from other schools, visit our "Going Green Resources" page online, under Energy Champions. Or just shine a big LED spot-light up into the sky with our Energy Mascot on it. Speaking of our Energy Mascot...

### Help Choose our new Energy Mascot!

Let's get the kids involved! Do you have a creative student or a future graphic artist in your class? Challenge your students to develop a new Energy Champion mascot for our program. Submit your mascot's name and picture at our Going Green Resources page online. Selection of the winner will be announced at our end of year event.



### Calendar (Upcoming Meetings and Events)

#### March 31

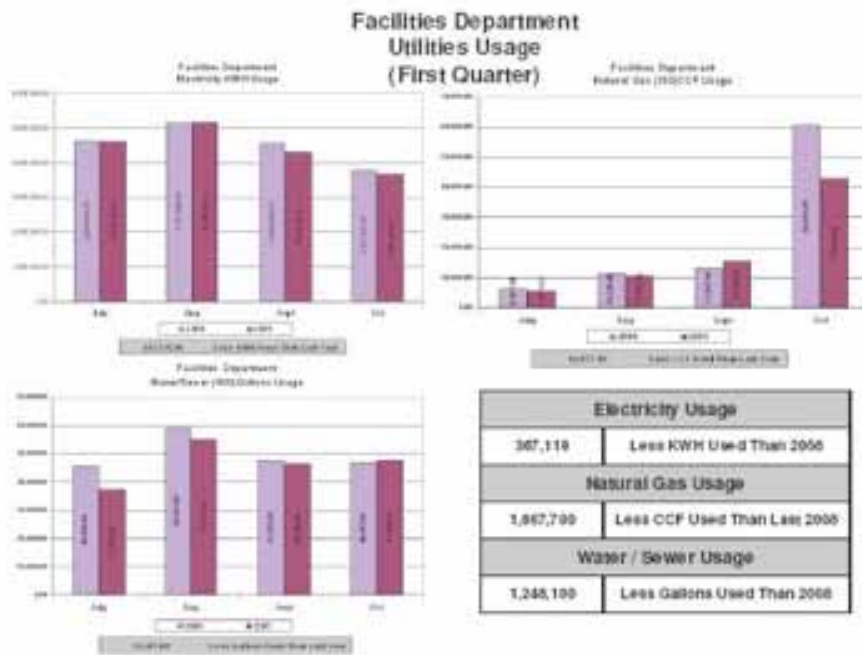
Energy Management Project Team meeting.  
Energy Champion collaboration session.

#### May 17

Smart Energy Recognition ceremony  
Smart Energy awards presentation  
Mascot winner announced

## Get Involved!

The Clarksville Department of Electricity still has slots available this spring for the theatrical production - Energized Guys - performed by actors with the National Theatre for Children for grade school students. This production is very entertaining and is designed to educate children in kindergarten thru sixth grade on how to use energy resources wisely and is FREE! This is a great fit for our new energy initiatives for CMCSS! Slots are limited, so contact Jim Manning at CDE at 905-7213 or [jmanning@clarksvilledo.com](mailto:jmanning@clarksvilledo.com) to reserve a performance!



## Data: How are we doing? You be the judge.

**DISTRICT WIDE WE'VE CONSUMED 5% LESS THAN THIS TIME LAST YEAR!!!**



**The Utility Bill - Board of Success-Champions – Submit your school's news!!**

**H**ave you motivated your schools students to conserve energy through a pep rally? A speaker perhaps? Maybe a skit, or show? Have you implemented an energy savings strategy that seems to be work? Let us know about it! Submit your energy news on our "Going Green Resources" page on line for future news letters!

**N**ote from the Facilities Team We in the Facilities Department understand that we are all pressed for time in our daily schedules and want to thank everyone for going the extra mile to make the effort of doing the little things that lead to energy conservation.

**W**e would like to give a special "Smart Energy Shout Out" to Mark Jeffers in Technology for taking the time to send out a district wide e-mail reminding us to turn off our computers before leaving for Christmas break. Good job Jeff, stay Green man!



For more information about the energy conservation program or ideas that may help. Please contact us at:

<http://www.cmcss.net/green/main.asp>

## WATT You Need to Know

Electrical appliances that are plugged into a wall outlet in a classroom can suck up what is called a "phantom load." That's the energy it uses to sit there and do almost nothing. Computers, VCR's, printers, power supplies, TV's -- anything with a clock or instant-on capability draws power, whether you're using it or not. This can cost a great deal across the district throughout the year.

The best ways to combat The Phantom:

1. Unplug those items at the end of school day so they are not drawing power overnight.
2. Plug phantom-prone appliances into a power strip and turn it off at the end of the day.

The Phantoms in our Classrooms can account for up to 5 percent of our yearly electrical energy usage district wide (potentially \$300,000). Conduct a Phantom plug load survey of your classrooms and schools to identify the impact they are having on our energy budget. For appliance cost data, see our "Going Green Resources" page on line.