

Carlisle County School District Energy Team Meeting

February 1, 2011

As recorded by Lisa Canler, Secretary

The Carlisle County School District energy team met on February 1, 2011. Members in attendance were Adam Hoette, Jim Crouse, Jessica Thomas, Jay Simmons, Rhonda King, Justin Hubbard, Cindy Poole, Chris Sheffer, Will King, Chuck Ehram, and Lisa Canler. The minutes of the previous meeting were approved as read and filed. Each member had received a copy of the minutes through email and a printed copy at the meeting.

Recycling Project

Over 10,000 pounds of paper products (5 tons) have been recycled so far this school year. The district has received \$204.00 for these recycling efforts.

KEEPS Assessment

Adam just received the KEEPS assessment this morning and gave Maintenance Director Will King a copy for the district. The KEEPS assessment was conducted through the Kentucky Energy Efficiency Program for Schools and includes recommendations for the district on how to conserve energy. The recommendations listed in the KEEPS assessment will have to be handled through the Board of Education and the BG1 Application process. The District Energy Team can make recommendation to the board. Jay Simmons suggested using the KEEPS assessment to develop the district's energy management plan.

Energy Action Plan

The energy management action plan will need to be developed and implemented in the spring of 2011. Plans that are already in place in the district include:

- Higher Efficiency Bulbs where possible
- Timer switches/Motion sensors in bathrooms at middle and high schools
- On demand water heaters
- Film on windows at the high school is also a possibility

Walkthrough Results

Jim Crouse reported that he has been conducting walkthroughs around 5:00 p.m. after everyone has left. Mr. Crouse reported that he has found lights to be turned on and no one around. The committee agreed that everyone needed to be on board in regards to saving energy, including the coaches and janitors. Will King and Mr. Crouse agreed to meet with custodians to stress that lights need to be turned off when rooms are unoccupied.

Art teacher Chuck Ehram mentioned that he would have art students make energy saving posters as a reminder to turn off light switches that teachers can post above light switches in their classrooms.

Temperature Settings

- The committee discussed temperature settings in classrooms throughout the district. Temperature settings for the middle and high schools are set no higher than 73 and no lower than 71. A timer is set and no one can run or set the thermostat higher than 73 or lower than 71. The thermostats at the elementary have covers. The thermostats have been set by Will King at 73 for the winter and 70 or 71 for the summer months. The only window units in the district are in the life skills house and the portable. These units are new and are energy efficient.
- The committee discussed the settings of water heaters and settings in the kitchen.
- Cozy leg heaters are more efficient than office furnace heaters currently being used.

Sustainable Practices:

The committee discussed responsible, common sense approach to conserving energy such as:

- Blinds on the windows (can also assist in sustaining heat and air)
- Turning off equipment when not in use.
- Dress of students and staff (example, more layer in the winter months)

Thoughts/Suggestions

- Mr. Crouse asked each building administrator to send him a job description/checklist for each school's janitor.
- The committee discussed setting a district wide goal that involves comparing usage month to month or year to year and attempt to use less usage each month. The Progress could be tracked on a chart on the district's website.
- Mr. Crouse reported that the district spent \$200,000 district wide in gas and electricity costs last year.
- The committee also discussed looking at energy costs and data from other districts of comparable size. The committee wondered if districts of a comparable size had initiatives already in place that were working that we could implement to cut energy costs.
- Involving students was mentioned again by the committee.

- Energy saving district curriculum was also discussed. Energy saving curriculum can be incorporated through math and science.
- Justin Hubbard asked if the district can get more kilowatt usage monitors. The principals mentioned that they would like to get usage monitors out on personal refrigerators at school to track how much energy is being used. Usage monitors can be used for any device.
- Principals reported that the energy programs at the elementary and middle schools were very well received.

Agenda Items

- KEEPS Assessment Report Review
- Review of sample Energy Management Plan (Mr. Crouse will email a sample plan prior to the meeting).

The next meeting will be held on March 21, 2011 at 10:45 a.m. in the gold room.