

## What's the Buzz?

Accumulations of snow and ice can interrupt your natural gas supply and create an unsafe operating condition. Here are a few precautions from Mid-American Energy:

- Avoid plowing snow against your meters or gas regulators and use a broom rather than a shovel to clear any snow away from the meter.
- If your meter is covered in ice, call MidAmerican for service, 888-427-5632.
- Clear a path for meter readers to stay safe.

For additional information, visit their website: [www.midamericanenergy.com](http://www.midamericanenergy.com).

## Environmental Protection Agency (EPA) Turns 40!

"The U.S. Environmental Protection Agency was founded on December 2nd, 1970. From that time to the present, America's environmental history has stood witness to both dramatic events and remarkable progress. Watch videos, check out photos and browse the EPA timeline at [www.epa.gov/40th](http://www.epa.gov/40th)."

Source: [www.epa.gov](http://www.epa.gov)

"ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices." Visit [www.energystar.gov](http://www.energystar.gov) to learn more.

Source: [www.energystar.gov](http://www.energystar.gov)



Click the image or visit [www.energystar.gov](http://www.energystar.gov) to take the pledge.

## Winter Break Energy Conservation

**Winter Break provides the District with many opportunities to reduce energy consumption. Please review the following guidelines and thank you for helping to conserve our energy resources.**



- All buildings will operate at a lower temperature (night set back).
- Turn off and unplug electronics - computers, radios, TV, VCR/DVD players ) when not in use. Using power strips can make it as easy as the flip of a switch.
- Turn off & unplug copiers, coffee machines, desk calculators, microwaves, etc.
- Unplug all refrigerators (leave door open)
- Turn off all lights in your areas, including any display or task lighting.
- Make sure shut and latch all windows including storm windows, close window blinds in an upward direction and shut doors.

## Students Making a Difference ...

### Willard Student Council is Doing a Recycling Project

By Maggie Gallardo, third grade student at Willard Elementary

This recycling project is very important to our school and our planet. This is a great opportunity to make a difference. Recycling... I'm sure you've heard of it. But if you haven't; here you go. If you've ever seen a green or blue bucket or trash can that is it. The things that will go in there are plastic and cardboard, but make sure you flatten this cardboard before you recycle it. You can also recycle glass. I love recycling because I know I'm making a difference. One person can make a huge difference. So let's get more people recycling and save our earth!



Pictured from left to right: Back Row—Rickie Payne, Treshawn Pratt, Maggie Gallardo, Tashawn Buchanan, Cristian Tavera, Kristi Guzinsky, T'Komo Dabner, Melvin Moore, Kylie Strong; Front Row—Nayelee Martinez, Bernice Rios, Diamond Dulue, Chelsie Danielson, Erianah Austin, Yajayra Cruz, Anjelica Santilan, Valerie Gonzales



Courtney Wright, Anna Sanchez, Sara McAninch, Toum Thounskane, and Larry Beall, IESA Instructor

### Iowa Energy and Sustainability Academy (IESA) Students Recycle at Central Campus

By Eleanor Tharp, Ian Hillegonds, Connor Schurr,

We've been continuing our recycling project at Central Campus. So far, both classes as of December 8 have recycled 3,701 pounds of paper, 503 bottles, and 300 cans. We urge the classrooms that are already recycling project to continue their good work.



**Check It Out ...**  
**what's new from our students.**

Iowa Energy & Sustainability Academy  
 Des Moines Public Schools

**By IESA students—Eleanor Tharp, Ian Hillegonds, Connor Schurr**

When we visited the Iowa capital building, we talked with the woman in charge of all of the Iowa capital's energy usage and consumption. She talked about how she has saved them money in large and small ways, such as replacing all of the hundreds of lights, to replacing a broken water fountain that was constantly running. We were also shown an interactive touch table that showed the recent and older graphs of energy consumption. We then took a self-guided tour to the dome, the library, the Senate Chamber and the House of Representatives. At the end of the tour, we rode the D-Line trolley, which is energy efficient!

On the Chicago trip, December 14, we will visit the Museum of Science and Industry and view the educational displays. We will also tour the Smart Home, which is technologically advanced and energy efficient. At the Smart Home exhibit, we will also look at the ways that we can save energy and learn about green technology.

This month, we have been learning about nuclear energy and its positive and negative effects on our environment and economy. It is one of the most environmentally friendly sources of energy that we have available to us, but it comes with a risk. Even though the process releases only water vapor, the product is highly radioactive, so it must be contained well. We have also begun studying the positive and negative sides of solar energy.



Ian Hillegonds, Connor Schurr, Jordan Perez, Tory Walker-Zepeda at the Iowa capital building.

# ENERGY REPORT CARD

## YEAR-TO-DATE SITE ENERGY USAGE REPORT

July 1, 2010 – October 31, 2010

Percentage change as compared to the same time period from previous year  
 Ranked Lowest to Highest Energy User (measured in kBtu/sq ft)

Site	Total Energy (mBtu)	% Chg	kBtu/Sq Ft	Site	Total Energy (mBtu)	% Chg	kBtu/Sq Ft
Moore (Scavo)▪	192		4	Brubaker	705		9
Dean Operations Center♦	396		4	Garton	585	-11%	9
McKee	155	21%	4	Hiatt	936	-43%	9
McCombs				Madison	373	-3%	9
Greenhouse	66	-20%	5	Willard	506	-8%	9
Stowe	292	-3%	5	Downtown School	404	-11%	10
Hillis	293	-2%	5	Moulton	1,267	-12%	10
Morris	449	-7%	6	Monroe	765	2%	10
Samuelson	346	-1%	6	Jackson▪	424		10
Cowles	256	-17%	6	Park Avenue	578	-30%	10
Wright	172	18%	6	Phillips	401	-4%	10
Windsor	341	5%	6	Jefferson	465	2%	11
Greenwood	456	6%	7	Central Campus•	4,879	-4%	11
Lincoln South	815	-34%	7	Hoyt	1,225	-12%	12
Howe	268	21%	7	Central Academy	1,026	-6%	12
Casady	303	-16%	7	River Woods	802	-1%	13
South Union	474	-4%	7	East	4,568	-20%	13
Hubbell	365	-20%	7	Welcome Center	82	-5%	13
Aviation Lab	98	-14%	7	Lovejoy	417	-9%	13
Harding	853	-30%	7	Hoover/Meredith	3,705	-24%	13
Mitchell▪	215		7	McKinley	629	9%	13
King	365	19%	7	Edmunds	684	-10%	15
Perkins	369	1%	7	Studebaker	654	-8%	15
Hanawalt	352	1%	8	North	3,266	-9%	15
Capitol View	605	-18%	8	McCombs	1,394	-14%	16
Carver	711	2%	8	Merrill	1,458	-4%	16
Goodrell	851	-4%	8	River Plaza	195	1%	16
Cattell	367	-21%	8	Smouse	840	-15%	16
Callanan	1,081	8%	9	Lincoln	4,880	-9%	16
Findley	364	-1%	9	East Academy	826	32%	16
Pleasant Hill	343	-10%	9	Roosevelt•	4,634	21%	19
Weeks	1,026	-14%	9	Walnut Street	2,319	-8%	20
Oak Park	540	-2%	9	Van Meter	1,185	4%	21
				Brody	2,043	-3%	22

- Building under construction comparison year 2009-10
- ♦ Building unoccupied part of comparison year 2009-10
- Building occupied during renovations

Visit [www.dmps.k12.ia.us](http://www.dmps.k12.ia.us) for more details of the district's energy mission and building performance.  
**Tell us about it!** Do you want to share your ideas for saving energy or helping our environment? Or want to let us know about your projects? E-mail [lisa.simpson@dmps.k12.ia.us](mailto:lisa.simpson@dmps.k12.ia.us).



Recognized by the U.S. EPA for the superior energy management of our schools

**2010**