

University of Wisconsin-Stout

Energy Conservation Communication

Governor Doyle issued an Executive Order requiring UW campuses to **reduce energy usage 10% by fiscal year 2008 and 20% by fiscal year 2010**. UW-Stout is proud to have the lowest energy usage rates in the UW system for over a decade. We ask your help in reducing our energy consumption even further.

This Executive Order represents a greater energy reduction than the cumulative reductions UW-Stout has achieved in the past 20 years. It will require the concerted efforts of everyone on campus.

Keep UW-Stout number one in energy conservation!

What you can do:

- Power down fume hoods, office equipment and coffee pots when not in use.
- Shut off lights in unoccupied rooms.
- Power off computers, monitors, printers and other office equipment during nights and weekends.
- Eliminate personal space heaters, fans, microwaves and refrigerators.

What the administration is doing:

- Summer daytime thermostats will be set to 76 degrees. Systems will shutdown at night and temperatures may rise up to 10 degrees.
- Winter daytime thermostats are set to 68 degrees. Systems will shutdown at night and temperatures may drop by 10 degrees.
- Testing and repairs will be performed on our heating system's leaking or failing steam traps.
- Occupancy sensors will be installed for interior lighting control, where applicable.
- Buildings will be kept well sealed and climate control equipment well tuned.
- New purchases will have an Energy Star requirement when the rating is available.
- Computers in Telecommunications and Networking supervised labs are shut down remotely after closing and turned on the next day only when used.
- Beverage vending machine lights are turned out and future contracts will include more efficient machines.

There are a number of other measures that could realize significant energy savings. Examples include: efficiently scheduling classes and meetings and powering down unoccupied buildings, unplugging refrigerated drinking fountains, reducing outdoor lighting levels and reducing indoor lighting levels in communal areas. The university continues to explore ways to reduce energy consumption and will solicit more ideas from faculty, staff and students.

A look at our statistics:

The Executive Order's reduction requirements are based on fiscal year 2005 energy consumption levels.

In 2005, UW-Stout spent more than \$2.5 million on electricity, heating, cooling and other utilities. Complying with this Executive Order means cutting the equivalent of \$500,000 (in 2005 dollars) from our energy budget.

Putting the cost of energy usage in perspective:

Personal Computer	Annual Cost
Always on	\$65
Off nights and weekends	\$21
Black & white Laser Printer	Annual Cost
Always on	\$8
Color Laser Printer	Annual Cost
Always on	\$37
Copier	Annual Cost
Always on	\$72
Off nights and weekends	\$20
Coffee Maker	Annual Cost
12-cup coffee maker	\$12
Refrigerators	Annual Cost
24 cubic foot	\$150
12 cubic foot	\$16
3 cubic foot	\$7
Fan	Annual Cost
20" box fan (medium speed)	\$12
Drinking Fountain	Annual Cost
Always on	\$26
Fume Hood	Annual Cost
Always on	\$4,250

* Measurements obtained from Iowa State University, Energy Savings Plan

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