



DR. WATTS' BRILLIANT SAVINGS

Don't Sweat the Small Stuff – right?

Well, where energy is concerned, there's small stuff that can cause you to sweat. Uninsulated attic hatches, pull-down stairs and knee-wall doors are some of the weakest spots in a home's protection from the cold. Just a 1/4" gap around an attic access door can leak the same amount of heated air as the average bedroom heating duct supplies. That gap will cost you money on your energy bill by increasing your home's heat loss throughout the winter.

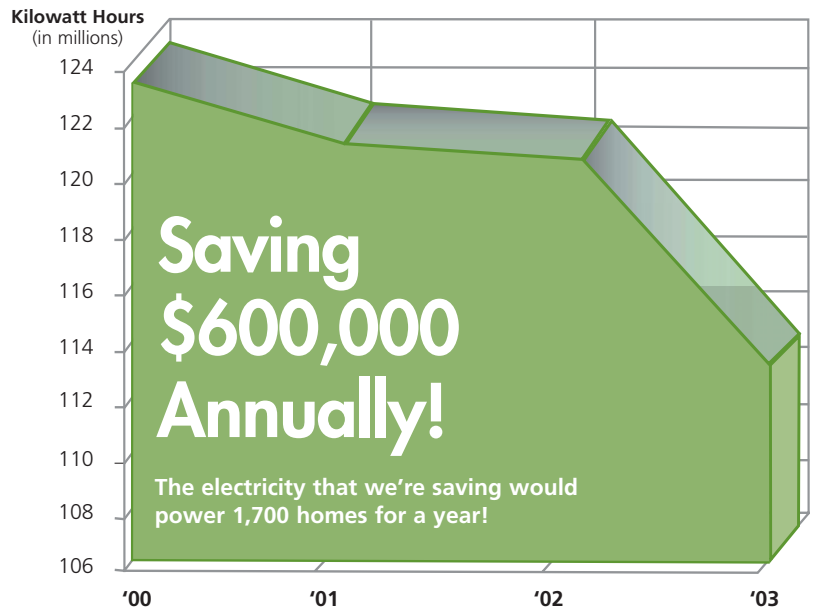
This is another reminder of the need to keep the walls, ceilings and foundation of your home's living spaces tight. Cracks and openings can let in unwanted air, also allowing your inside heated air to escape.

Caulking and weatherstripping are two of the easiest and lowest-cost jobs that a do-it-yourself homeowner can tackle. Hardware and building-supply stores have easily applied-products that can effectively keep your home's thermal envelope intact. With prices for heating oil and natural gas expected to be high this coming winter, sweat the small stuff now and save later!

Campus Electricity Use Slashed!

The principal reasons for this lower electricity use - despite the addition of more computers, medical systems and lab equipment - are the installation of more efficient lighting throughout the campus and the use of variable speed drives that keep motors driving fans rotating only as fast as needed. And, not least, the efforts of all of us who turn off our lights, computers, monitors and copiers when we leave for the day.

Keep up the good work!



The lights are ON, but nobody's home!

Occupancy sensors that shut lights OFF when no one is present will soon be installed in common areas – conference rooms, offices, mechanical rooms, etc. – throughout the hospital. The overall goal of this retrofit is to keep electricity use falling – year in and year out.

So, please keep helping out. Remember to shut office lights, copy and fax machines and computers and monitors OFF at the end of the day. And be particularly vigilant on Friday afternoons. Let's not waste anything!



Thomas
Jefferson
University



Jefferson Health System

On the Home Front

Christmas Shopping – (what, already?)

This Christmas, give strong consideration to gifts for family and friends (and yourself) that, while costing a little more, will save the person who receives your gift some money in the long run.

These are Energy Star® products that operate at 30% below the federal standard of energy consumption. If consumers bought only Energy Star®-labeled products for the next 12 months, our country would save \$400,000 each year in energy bills.

Consider just cordless phones and answering machines. If all telephone products were Energy Star®, we would be saving \$4 million on energy bills and removing greenhouse-gas emissions equivalent to the emissions of 500,000 cars.

Energy Star® TVs and VCRs consume 4 watts or less of power when switched off, compared to conventional models that use up to 12 watts. Yet they cost about the same. Other home audio products and DVD players with the Energy Star® label use up to 75% less energy during stand-by.

There are Energy Star® products in 30 categories. Check out www.energystar.gov for a list.

Bright Ideas

With heating fuel costs expected to be high this year, get the jump on Ol' Man Winter and boost the efficiency and performance of your heater with the following maintenance measures:

- every 4-6 weeks, replace air filters on warm-air furnaces and heat pumps;
- keep warm-air registers clean and don't block them with furniture, carpet or drapes;
- baseboard heaters and radiators should also be kept clean and unrestricted by furniture, carpet or drapes;
- using a radiator key, bleed trapped air from hot water radiators;
- for steam heat systems, maintain proper water level, remove sediment and ensure air vents are working. Check with your heating technician for specifics on these measures and use caution; steam boilers produce high-temperature steam under pressure.

And let's not ignore the pipes and ducts that distribute heat from your furnace or boiler throughout your home. Install insulation on all hot water and steam pipes and also around warm air ducts.

And, if you have radiators, you can reduce the heat lost into the exterior walls that these radiators are installed against. Install reflectors between the wall and the radiator. You can make reflectors from foil-covered cardboard, available from many building supply stores. The reflector should be the same size or slightly larger than the radiator. The foil should be cleaned periodically for maximum heat reflection.

*No one person can achieve what all of us together can accomplish if we communicate and work together. If you have an ideas about conserving energy and cutting our utility bills, send me an e-mail at Randy.Haines@mail.tju.edu or call me at 215-503-6099. **If your suggestion is implemented, you'll win a compact fluorescent lamp and your smiling face will grace our next newsletter.***

Get energy-saving tips on all areas of your life – home, car, attitude - and a free booklet, "Power\$mart: Easy Tips to Save Money and the Planet", from the Alliance to Save Energy at www.ase.org or 1-888-878-3256.

Savings at Work – Center City Campus

April – June 2003	Budget	Actual	Prior Year Actual
Electricity	\$2,052,000	\$1,848,454	\$2,102,026
Steam	970,300	1,407,729	741,411
Water	309,450	247,139	212,892



Look for the EPA's Energy Star label on products that use less energy, save you money on your utility bills and help protect the environment.



Recycled/Recyclable
Printed on paper that contains at least 20% post-consumer recycled fiber

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