

Stay Cool! Conserve Energy at Home

Battle summer heat, protect the environment, and save \$\$\$ with a few simple tips

Don't sweat the summer heat! Citizens Campaign for the Environment (CCE) has teamed up with the *Stay Cool!* Program, sponsored by the **New York Energy Smart Program**, Long Island Power Authority, and the New York Power Authority, to offer consumers proven tactics to survive the summer's hottest months. These tips for smart energy use are your first defense against rising temperatures, increased pollution, and high energy bills. The campaign also encourages New Yorkers to properly recycle their old, inefficient room air conditioners and replace them with super-efficient ENERGY STAR® models.



Energy conservation begins with you and your home!

Most electricity used in the United States is generated at fossil fuel power plants that burn oil, gas, or coal or at nuclear or hydroelectric plants. The serious impacts on human health, wildlife, plants, and the natural environment from polluting, non-renewable resources are well documented. Renewable sources of energy such as solar and wind, which have little or no impact on the environment, are available if you choose a green energy supplier. (Contact your local utility or regional CCE office for more information on choosing green energy.)

World energy demand is expected to almost double the amount of energy consumed in 1999 by 2020, according to the *International Energy Outlook 2001 Report by the U.S. Department of Energy*. Increased demand for electricity worldwide strains our finite natural resources (such as oil, natural gas, and coal), subjects our environment to increased damage from pollution, and increases energy costs.

Stay Cool! by practicing simple energy-saving tips. Your actions will prevent pollution, reduce energy demand, and save you money.

Use major appliances during off-peak hours. Run your clothes washer and dishwasher during mornings, late nights, and weekends, whenever possible.

Close blinds or shades on sunny windows during the hottest part of summer days. Take advantage of natural ventilation when conditions permit—especially during cool morning or evening hours.

The right temperature at the right time. Use a programmable thermostat and set the temperature at the level you need it, when you need it. Remember that setting your thermostat just a few degrees higher can make a significant difference in your energy bill—plus keep your home comfortable and healthy.

Insulate your home, particularly in the attic. Not only is the attic usually the easiest to insulate, but it's also where you'll see the greatest energy-saving benefit.

Select ENERGY STAR products when buying new or replacing old appliances. Whether you're in the market for a room air conditioner, central air conditioner, clothes washer, refrigerator, or other home appliance, make sure it has the ENERGY STAR label.

Change is good. Replacing a 15-year-old room air conditioner with a new ENERGY STAR model could save you up to \$56 a year on your electric bill.

For more information on other energy-efficiency programs and money-saving tips during the upcoming months, visit www.GetEnergySmart.org or call toll-free 1-877-NY-SMART (1-877-697-6278). Make it an energy smart summer!SM

To contact Citizens Campaign for the Environment, please call 516-390-7150 or visit www.citizenscampaign.org.

Products that earn the ENERGY STAR prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy.
www.energystar.gov



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Beat the Heat with ENERGY STAR®

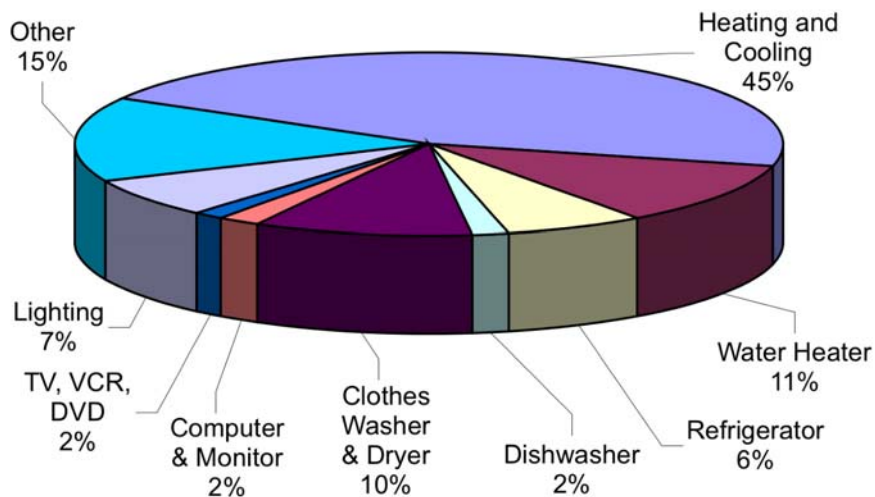
The basics on cooling

The average home is responsible for twice the amount of greenhouse gases as the average car. If just one household in 10 used heating and cooling equipment that has earned the ENERGY STAR, the change would keep more than 17 billion pounds of greenhouse gases out of the air.

The average family spends \$1,400 a year on energy bills, nearly half of which goes to heating and cooling. Energy-efficient heating and cooling equipment, along with properly sealed ducts, can save homeowners as much as 20 percent on annual energy costs. You can save even more by using a high-efficiency programmable thermostat or ceiling fan.

Replacing a cooling system is one of the biggest investments a homeowner can make. Proper sizing and installation are essential to maximizing the system's efficiency, which in turn maximizes your long-term savings and comfort.

Where Does My Money Go?*



* Average breakdown of a homeowner's energy costs. "Other" represents an array of household products, including stoves, ovens, microwaves, and small appliances. Each product accounts for no more than about 2% of a household's energy bills.

Why choose ENERGY STAR qualified products?

If your home's cooling equipment is more than 10 years old, it may be time to consider a more efficient replacement. When you choose ENERGY STAR, you get a product that will save you energy and money. And because using less energy means less air pollution from power plants, your choice is better for the environment, too.

How efficient are they?

ENERGY STAR qualified heating and cooling equipment, such as heat pumps and central air conditioners, is 10–30 percent more efficient than new conventional models. A qualified programmable thermostat can save you \$100 annually in energy costs.

Are there other ways I can save on cooling costs and reduce pollution this summer?

Yes! Seal your home. The more air that escapes through leaky attics, doors and windows, improperly sealed ducts, or poorly insulated walls, the harder your cooling equipment has to work and the more you will pay to maintain a comfortable home. Effective air sealing, combined with the right amount of insulation, can save you up to 10 percent on energy bills.

Visit www.GetEnergySmart.org to find a Home Performance with ENERGY STAR contractor certified by the Building Performance Institute who can not only find the air leaks in your home, but also test your home for air quality and safety after the leaks are sealed.

For more on how to make your home cooling system more efficient, visit www.energystar.gov/hvacguide and get your copy of the Environmental Protection Agency's *Guide to Energy-Efficient Cooling and Heating*.

What else can I do to make my home more energy efficient and help the environment?

Heating and cooling smartly is one of five simple actions EPA is encouraging everyone to take to make their home more energy efficient and collectively help the environment. The other four steps are: 1.) Change your five most frequently used lights (or the bulbs in them) to ENERGY STAR qualified models; 2.) Look for other products that have earned the ENERGY STAR, including home electronics and appliances; 3.) Seal your home with adequate insulation; and 4.) Tell family and friends—help spread the word that energy efficiency is good for your home and the environment.

What is ENERGY STAR?

The U.S. Environmental Protection Agency introduced ENERGY STAR in 1992 to reduce air pollution by giving consumers easy energy-efficient choices. Today, with assistance from the U.S. Department of Energy, the ENERGY STAR is now featured on new homes, buildings, and more than 40 types of products.

Products that earn the ENERGY STAR prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy.
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