

ENERGYSMART - For Your Business

EnergySmart helps you:

- **Discover** low- and no-cost energy-saving opportunities. Schedule a FREE EnergySmart Assessment for your business, and you will also receive FREE installation of efficient light bulbs, LED exit signs and water-saving devices.
- **Optimize** your building's existing equipment. EnergySmart contractors can help you tune-up your equipment and save money on heating, cooling, refrigeration and compressed air.
- **Upgrade** your old or inefficient equipment. With EnergySmart advisors, incentives and utility rebates, energy efficiency upgrades have never been more cost-effective.

Get started saving today!

Call: 877-505-6722

E-mail: signupBIZ@EnergySmartYES.com

Visit: www.EnergySmartYES.com



EnergySmart is funded by the American Recovery and Reinvestment Act (ARRA) through the Department of Energy's BetterBuildings Program and sponsored in partnership with Boulder County, the City of Boulder, Longmont, Xcel Energy and Platte River Power Authority.

EnergySmart services are available to all homes and businesses in all Boulder County communities.

Printed on 100% post-consumer recycled content paper

More Programs. More Savings.

ZERO WASTE

Want zero waste assistance for your business? The City of Boulder provides financial incentives for recycling and compost collection, as well as FREE zero waste assistance to all businesses. This assistance provides a zero waste advisor that will review current waste practices, help you conduct a waste audit, provide a report of waste reduction opportunities, and assist with collection containers, signage and employee training. To learn more and to sign up visit: www.pacepartners.com/zero-waste



10 FOR CHANGE

10 for Change is a voluntary program that challenges businesses to reduce their energy use by ten percent. Take the challenge today to demonstrate your environmental leadership and join in the bi-monthly education and networking events. You will receive useful information and all of the necessary resources to make it easy and fun to reach your goals. Visit www.10forchange.net

SMARTREGS

SmartRegs requires all rental housing in the City of Boulder to meet a baseline energy efficiency standard by 2019. Learn more about SmartRegs at: www.bouldercolorado.gov/smartregs



For only \$120, EnergySmart provides a convenient solution to achieving SmartRegs compliance, including:

- A trained SmartRegs Inspector to complete your checklist
- Up to \$500** in rebates and up to seven compliance points from energy-saving light bulbs and water-saving devices, at no additional cost.

**Up to \$500 in rebates offered by the City of Boulder; rebate value is dependent on unit type.

SmartRegs rebates are up to \$300 per attached unit and up to \$500 per detached unit. These rebates are provided in addition to EnergySmart and other government/utility rebates your Advisor will find for you.

WATTS IN THE WATER?

When you use water, you often use energy too. Wasting water not only impacts your water bill; it can increase your energy bill. Learn five things you can do at your property to conserve water and energy and start saving!

Save Water. Save Energy.

For more information on how to save water (and money), please call 303-413-7407 or visit

www.bouldercolorado.gov/wattsinthewater

or email

bouldersaveswater@bouldercolorado.gov.



COMMERCIAL

IT'S ALL CONNECTED

Turning on your faucet uses water, but did you know it also uses energy? Every time you turn on the tap, energy is needed to treat and deliver water to you.

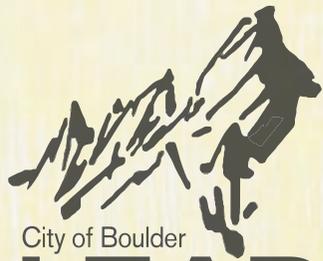
And that is just the cold water coming into your property.

What about the energy needed to heat water?

When you reduce the flow with faucet aerators, your water heater does not have to work as hard - saving water, energy and money! Check out the tips shown here to find ways you can save water and energy.

It takes an average of two gallons of water to create one kilowatt hour of electricity

-National Renewable Energy Laboratory



City of Boulder
LEAD
Local Environmental Action Division
Community Planning & Sustainability



PUBLIC WORKS
Water Quality & Environmental Services
Water Conservation

Learn more about rebates at bouldercolorado.gov/wattsinthewater

HEATING & COOLING SYSTEMS

Many heating and cooling appliances use water once and then send it to the drain, when in reality it could be used more efficiently. This process, known as "once through" or "single pass" water use, not only wastes water but increases the energy costs associated with pumping, heating and cooling water. Items like boilers, cooling towers, ice makers and evaporative coolers can all be adjusted to save water and energy!

Time for a new appliance? Install models that are both water and energy efficient. Ice makers can use 18 to 93 gallons of water and 4.5 to nine kWh to produce 100 pounds of ice. Switching to a model that is both water and energy efficient can save \$464 to \$2,992 per year.¹



LAUNDRY ROOMS

Some commercial properties with small laundry needs (around 14 pounds of clothing per load) might use a residential clothes washer. In these cases, switching from an old, 56 gallon per load (gpl) machine to a new, high efficiency model that uses 27 gpl or less yields an average energy savings of 40 percent. For large-scale laundry needs (30 to 800 pounds per load), commercial washers can use over four gallons of water per pound of clothes washed. Replacing an old commercial washer with a new, high efficiency model can reduce water consumption by 30 to 50 percent and energy use by up to 50 percent.¹

Rebated Item

KITCHENS

DISHWASHERS: There are a variety of commercial dishwashers. Which one you use depends on the amount of dishes you need to wash, but switching to a more efficient model can reduce water and energy costs by 25 percent. The largest commercial dishwashers can use anywhere from 214 to 500 gallons per hour (gph) to wash the same number of plates. That 286 gph difference is equivalent to 835,000 gallons per year and around \$15,000 in energy costs.¹

PRE-RINSE SPRAYS: Pre-rinse sprays, used to wash dishes in commercial kitchens, can use over three gallons per minute (gpm) but new models can use half the amount of water as old models. The Alliance for Water Efficiency (AWE) says 1.6 gpm pre-rinse sprays can save up to 150 gallons of hot water, per day.

Interested in getting pre-rinse spray valves? These are included with a FREE EnergySmart Assessment! Call 1-877-505-6722 for more information.

BATHROOMS

Bathrooms account for almost one third of commercial indoor water use. Conserving hot and cold water can reduce your water and sewer charges as well as lower your energy bill!



TOILETS: Older toilets can use as much as seven gallons per flush (gpf). Switch to new, high efficiency toilets that use 1.28 gpf or new, waterless urinals. Can't afford a full retrofit? Fixing toilet leaks is relatively cheap and can save up to 500 gallons per day.² For urinals, a simple retrofit of the flushometer (the flushing mechanism) can save as much as four gpf!

Rebated Item

SHOWER HEADS: Older shower heads can use as much as 5.5 gallons per minute (gpm). New, low-flow shower heads use 2.5 gpm or less. Xcel Energy says that switching to a 1.8 gpm shower head can reduce hot water use by ten percent.

FAUCET AERATORS: Faucet aerators are cheap and easy to change. When faucet aerators and shower heads are changed to low-flow models, in conjunction with reducing toilet consumption, as much as six gallons can be saved per day (per bathroom)!³

LAWNS & LANDSCAPES:

Overwatering turf is the single largest waste of water and it often does more harm than good! When grass is overwatered, its roots stay shallow, making them less drought-tolerant. And, because overwatering can make lawns grow faster, an overwatered lawn requires more time, money and energy to maintain. Landscape maintenance accounts for over five percent of urban air pollution. Studies indicate that by watering more efficiently, your business can save as much as 30 percent in water, 25 percent in labor needs and up to 44 percent in fuel costs.⁴ Water wisely and you can reduce pollution, cut your water bill and minimize your landscape maintenance costs.

Rebated Item

¹ East Bay MUD Watersmart Guidebook (2008)

² www.H2ouse.org

³ Handbook of Water Use and Conservation - Vickers, 2002

⁴ EPA WaterSense Research Report on Turfgrass Allowance