

ENERGYSMART - For Your Home

EnergySmart provides a one-stop-shop for your home energy efficiency upgrades. When you sign up for EnergySmart, you'll receive a comprehensive Home Energy Assessment of energy-saving opportunities in your home, conducted by a certified Energy Specialist, for only \$120*, as well as:

- A personal Energy Advisor to help you through every step of the process.
- Knowledgeable assistance tracking down all available rebates and financing; your Energy Advisor will even do the paperwork for you!
- FREE quick installation of energy-saving light bulbs, water-saving shower heads and faucet aerators, and water heater pipe insulation.*

Get started saving today!

Call: 303-544-1000
E-mail: signuphome@EnergySmartYES.com
Visit: www.EnergySmartYES.com



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

**Had a home energy audit in the past 3 years? With a recent audit report, you can sign up for the EnergySmart Advisor services for FREE! Call today!*

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SmartRegs and EnergySmart

SMARTREGS

SmartRegs requires all rental housing in the City of Boulder to meet a baseline energy efficiency standard by 2019. Addressing energy efficiency in rental housing, which makes up about half of Boulder's housing stock, will allow the city to reduce its greenhouse gas emissions and meet community objectives adopted in Boulder's Climate Action Plan.

Learn more about the history of 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 prescriptive checklist;
- Expert guidance on the most cost-effective path to SmartRegs compliance;
- Assistance with rebate paperwork and contractor selection and scheduling;
- Up to \$500** in rebates to pay for efficiency compliance measures; and
- Up to seven compliance points, from energy-saving light bulbs to 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.



RESIDENTIAL

IT'S ALL CONNECTED

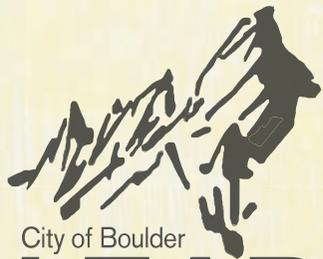
Turning on your faucet uses water, but did you know it also uses energy? Every time you turn on the tap, energy is needed to treat and deliver water to you.

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 a faucet aerator, 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 boulder.colorado.gov/wattsinthewater

FIX LEAKS, SAVE BIG!

What is one little drip, right? Wrong. A faucet leaking hot water at one drip per second waste up to 1,661 gallons of water and can raise your energy costs by \$35 per year, according to the ENERGY STAR program. And that is just one faucet! But there are also leaks you may not see or even hear. A silent toilet leak can waste up to 500 gallons per day.¹ Stop leaks as soon as you notice them and make sure to check your toilets with toilet leak tablets.

THE TRUE COST OF OVERWATERING LAWNS

Overwatering your lawn is the single largest waste of water and the impacts extend well beyond your water bill. Overwatering produces shallow roots that are not drought-tolerant. While overwatering may make your lawn grow faster, an overwatered lawn requires more time, money and energy to maintain. Add that to the fact that landscape maintenance accounts for over five percent of urban air pollution. **According to EPA studies, you can save as much as 30 percent in water, 25 percent in labor needs and up to 44 percent in fuel costs, just by irrigating efficiently.**²

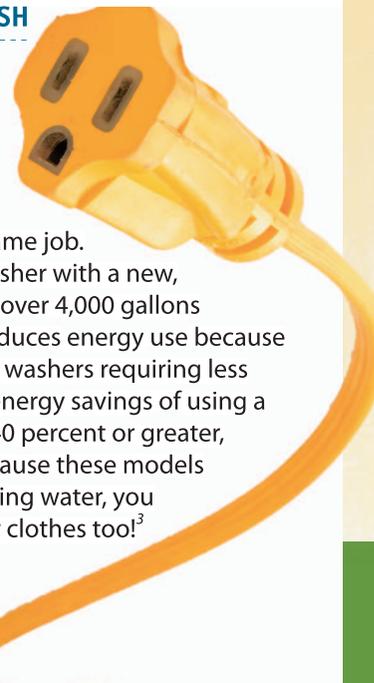
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IT ALL COMES OUT IN THE WASH

Older clothes washers can use over 56 gallons per load (gpl) and 4.3 kilowatt hours (kWh) of electricity per load. New efficient models use less than 27 gpl and 1.6 kWh to do the same job.

Replacing an old, inefficient washer with a new, high efficiency model can save over 4,000 gallons of water per year, which also reduces energy use because less water is heated. With these washers requiring less energy to run, the cumulative energy savings of using a high efficiency washer can be 40 percent or greater, compared to older models. Because these models do a much better job of extracting water, you save energy when you dry your clothes too!³

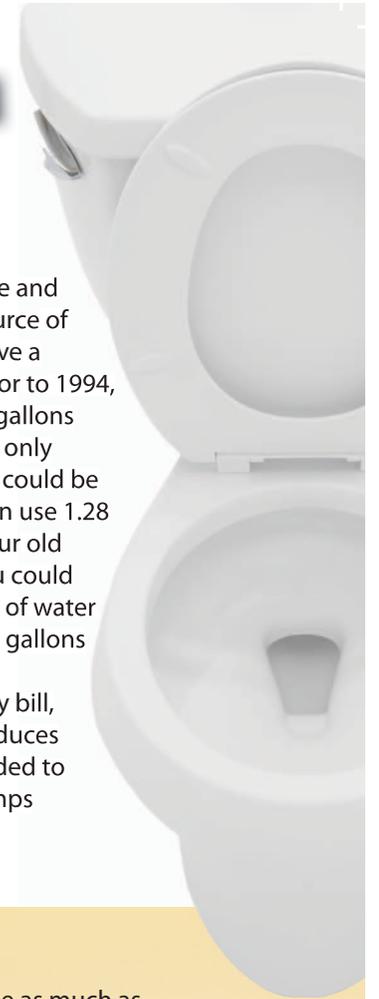
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Rebated Item

FLUSHING AWAY YOUR DOLLARS?

Toilets account for over 25 percent of indoor water use and are typically the largest source of indoor water use. If you have a toilet that was installed prior to 1994, it could be using over five gallons per flush (gpf). Since 1994, only toilets using 1.6 gpf or less could be sold, but today, toilets often use 1.28 gpf or less. By replacing your old toilet with a new toilet, you could save as much as 21 gallons of water per day – that is over 7,500 gallons per year! While it may not directly impact your energy bill, reducing water use also reduces the amount of energy needed to treat water and power pumps that deliver your water.



GET CLEAN. GET GREEN.

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. Choose an EPA WaterSense-labeled shower head to ensure it works well and saves water.

Once you have changed the shower head, change your faucet aerators. A typical aerator uses 2.5 gpm, but new low-flow models use as little as half a gallon per minute. The EPA says new low-flow faucet aerators can save a home more than 500 gallons of water per year - enough to wash 14 loads of laundry.⁴ Best of all, when you reduce the amount of hot water you use, you also reduce the amount of cold water you have to heat!

¹ www.H2ouse.org

³ *Handbook of Water Use and Conservation - Vickers, 2002*

² *EPA WaterSense Research Report on Turfgrass*

⁴ www.epa.gov/WaterSense