



E-Conservation
power to control what you spend

Energy Efficiency Advisor

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EXTENSION
Empowering People • Promoting Success

Volume 1, Issue 12 December 2015

Energy Efficiency vs. Energy Conservation

At a quick glance, these two terms may seem interchangeable, but they actually have different meanings to consumers. "Energy efficiency" refers to saving energy while keeping the same lifestyle and habits. For example, energy-efficient appliances give you the same commodity while saving energy. An ENERGY STAR refrigerator still allows you to keep your food just as cold as in an older, less-efficient refrigerator.



"Energy conservation" refers to lifestyle changes that result in energy savings. Conservation includes activities such as taking a five-minute shower as opposed to a ten-minute shower. Another example might be riding your bike to work instead of taking your car.

For those interested in reducing consumption, saving money and helping the environment, conservation and efficiency are vital. Changing behaviors combined with adopting equipment conducive to conservation generates the best results for your wallet, your comfort and the planet.

For ideas on how to implement energy efficiency and energy conservation strategies, visit the [Home Energy Management website](#).

Heating Efficiently This Winter

In This Month's Issue:

[Efficiency vs. Conservation](#)

[Winter Heating](#)

[Holiday Energy Video](#)

[ENERGY STAR](#)



Quick Holiday Energy Tips!

- Remember that heat created from having people over can replace turning up the thermostat.

- When purchasing holiday lights, go with LEDs!

- Tips for the kitchen: use the correct size pots, keep refrigerators closed and limit opening the oven door.

- When shopping for gifts, purchase ENERGY STAR appliances or items that don't require electricity.

- Schedule your holiday errands so that you complete them all in one trip and save on gas.

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Cold weather has officially arrived, so take these measures to ensure your home is heated as efficiently as possible!

- Check your filter every month (especially during winter due to heavy usage). If it looks dirty, change it and keep in mind that filters last for usually three months. Dirty filters cause your heating system to work harder and waste energy.
- Reduce window and door drafts, which are huge sources of heat loss, by caulking and weather-stripping. Also be sure to check that your attic, basement and any crawl spaces have the recommended levels of insulation.
- Install a programmable thermostat. These can help homeowners save \$180 each year by allowing them to schedule changes in temperature settings. This can be especially useful for when you're away from the house for the holidays.
- Consider an ENERGY STAR heating unit to maximize your energy savings. However, be sure that it is properly installed since poor installation can reduce energy savings by up to 30 percent. Click [here](#) for more information on proper heating and cooling.

Your Holiday Guide to Saving Energy!

Home Energy Management wants to help you green up your holiday season with this informational video that emphasizes the importance of such energy-efficient items as LED holiday lights, darkness-sensing timers and more!

Estimated Cost Savings with LED's

Cost of Electricity for lighting a 6 ft tree for 12 hours a day for 40 days	
Incandescent (C-9 lights)	\$10.00
LED (C-9 lights)	\$2.27
Incandescent Mini Lights	\$2.74
LED Mini Lights	\$0.82

Click [here](#) to access the "Energy Efficiency for the Holidays" video and check out our other energy-related clips on our [YouTube channel](#)!

My ENERGY STAR



During your time off this holiday season, be sure to check out "[MY ENERGY STAR](#)." This is an account that allows you to see the impacts you make from implementing energy efficiency measures, including reduction of your

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