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### Featured Product



#### Kill-A-Watt

##### Electricity Usage Monitor

Electricity bills are rising. Now you can cut down on costs and find out what appliances are actually worth keeping plugged in.

Large LCD display will count consumption by the kilowatt-hour, same as your local utility.

- Cumulative Kilowatt-hour Monitor
- Also display Volts, Amps, Watts, Hz, VA
- 0.2% Accuracy

**Special Price: \$29.95**  
Includes a step-by-step

If you're like us, you are always looking for ways to cut your energy usage - both to save money and to be kinder to the environment. So when we heard that the State of Ohio would be offering incentives to help us save energy, our ears perk up. This spring, tentatively in April, Ohio will be offering rebates on Energy Star appliances. Should you take advantage? I am asking myself the same question. Read below to see the steps I took to arrive at an answer.

Also, be sure to check out some of my favorite local "green" businesses. Like Watt Works, these shops offer environmentally-friendly products and are owned by knowledgeable people from your community. Support them - buy local!

-April Kasun, Sales Manager at Watt Works

### → Should I Take Advantage of the Upcoming "Cash for Clunkers" Appliance Rebate?

Maybe you have heard about the Energy Efficient Appliance Rebate program, or "Cash for Clunkers - Appliance Version" as it's being called. As part of the American Recovery and Reinvestment Act, the federal government is doling out \$300 million to the states for this program. Ohio is set to receive just over \$11 million. The details of Ohio's program are still not completely nailed down, but here's what I have heard: Ohio residents who upgrade to an Energy Star appliances this spring will receive a rebate ranging from \$100-\$250 on the purchase of the appliance, plus an additional rebate if they prove the appliance was properly recycled.

I've got an old refrigerator and I have been told I can save a lot of energy and money if I buy a new one. But how much? Is it really worth it? Should I take advantage of this free money? I borrowed a Kill-A-Watt monitor from work to find out!

A Kill-A-Watt monitor is a device that you plug into an outlet and then plug your appliances or electronics into it. It will then give you a real-time reading of how many watts the device is using, as well as the amperage, volts, hertz, power factor and kilowatt hours. For this experiment, I am only interested in watts and kilowatt hours.

To get started, I had my husband pull the fridge out from the wall and unplug it. Thankfully, I had another outlet nearby that was

usage guide - only  
available from Watt Works!

Valid through 2/28/10



## Energy Efficient Products from Watt Works

[LED Lighting](#)

[Home Power Cost  
Monitor](#)

[Kill A Watt](#)

[Lexin Heating Panels](#)

## Quick Links

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[Energy Analysis for  
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Watt Works is proud to be  
a Lighting Facts LED  
Product Partner and to  
sell Energy Star products.

closer to eye level. If not, the best solution is to plug an extension cord into the outlet, plug the Kill-A-Watt meter into the extension cord and then plug the refrigerator into the Kill-A-Watt. This way you can check on the status of the monitor and record the numbers before you unplug it (the Kill-A-Watt does not store information once it's disconnected from a power source).

I was only planning to leave it plugged in for 48 hours so I could get a good average of the watts used per hour, but I kept forgetting about it and left it on for 16 days! Well, at least now I know I have a good average. I recorded 40.05 kWh in 382 hours. What does that mean? Well, by dividing 40.05 by 382 I was able to get the amount of energy the refrigerator is using on average per hour, 0.105 kWh. I multiplied that by 24 to find out how much energy it's using per day, 2.52 kWh. So in a month, the refrigerator uses about 77 kWh and about 924 kWh per year. Our current electric rate is right around \$0.10 a kWh, so the fridge is costing me just under \$8 a month to run and about \$92 a year.

Then I checked out the energy usage of a new, Energy Star refrigerator. I did some research and an average 25.0 cu ft side-by-side (which is what I have now), uses under 600 kWh annually and will cost me around \$60 per year - a savings of over \$30 per year. This new refrigerator, assuming I go with white instead of stainless steel, will cost me around \$800. The rebate numbers I have seen are \$100 for the purchase and an additional \$100 if you recycle it. So net cost would be \$600. That means the refrigerator will take 20 years, at today's electric rates, to pay for itself. But our rates are going up my friends, so this is worse case scenario.

Will I get a new refrigerator? Probably. But mine is ancient and I have been wanting to get a new one for years. So, now I get a rebate, and a new fridge. And I am doing my part to save energy!

Wanna test your appliances and see if it makes sense to upgrade? Check out our Featured Product section of the newsletter to learn more about the Kill-A-Watt monitor. And for more information, and to get the latest updates on Ohio's Energy Efficient Appliance Rebate program, see the [Ohio Department of Development's Energy Office's website](#).

[→ Check out these local "Green" businesses](#)

Greenovate, LLC  
9 East Second Avenue  
Columbus, OH 43201  
614-298-7000  
[contact@greenovate.com](mailto:contact@greenovate.com)



Greenovate is Ohio's leading supplier of green building materials. With a commitment to forward-thinking design and construction, we serve residential and commercial customers throughout the state and neighboring region. Our diverse product collection-built upon high standards for integrity, quality, and sustainability-



includes a range of flooring, countertops, paint, insulation, and sheet goods.

Generation Green  
6375 Sawmill Rd  
(at the intersection of Sawmill & 161,  
in the Trader Joe's Plaza)  
Dublin, OH 43017  
614-761-2222



An eco-lifestyle store with a flair for design, Generation Green carries a wide variety of environmentally friendly products for your home and self in a specialty store setting. Generation Green provides the latest in eco-friendly products, while supporting fair trade practices and local vendors whenever possible.

Sprout Soup  
4310 N High Street  
Columbus, OH 43214  
614-26-SPROUT



Sprout Soup is a natural family store located in Clintonville. We are committed to providing our customers with products that are sustainable, safe, high quality and out of the ordinary. We're committed to bringing you items that are made right here in the US, with American labor that keeps Americans working. This often means we can't offer the best price on everything, but you can feel good knowing that by shopping with us you are helping the local economy, right here in Clintonville, in Columbus, Ohio and the United States.

More information regarding the products mentioned in this newsletter can be found on our website at [www.wattworks.com](http://www.wattworks.com). Products can be purchased online, by phone at 614-458-1162 or in our Columbus store.

# Take an extra 20% off Clearance Items

Coupon good for purchases  
made in-store only.

Quantities are limited. Discount does not apply to Electric Bikes.

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