



# POWERSOURCE

Customers first. Energy that lasts.

## Use online bill pay for instant access and information

Save your checks and stamps and enjoy instant account management with our new Customer Self Service (CSS) at [www.eon-us.com](http://www.eon-us.com). Benefits include:

- Online bill pay with no charge for electronic check payments
- ATM, PayPal, debit and credit card payments at \$2.95 per transaction
- Current and previous balance and usage information
- Monthly email bill notification when you sign up for ebill



In addition to all of this, you can schedule payments, report an outage, enroll in convenient billing and payment plans and submit your service requests. To take advantage of these online services, register your account at [www.eon-us.com](http://www.eon-us.com). Register with your e-mail address and a password you select. If you are registering for the first time, you may want to ensure you keep your current bill handy since some of the information required during the registration process can be found right on your bill. Sign up today and start enjoying the conveniences right away.

## Power On **An engineer's hobby leads to energy innovation**

With our current energy challenges, you may wonder what you can do to make an impact. One electrical engineer may inspire you. During a holiday trip in Hawaii, Annette von Jouanne was bodysurfing and had an epiphany that wave power is endless.

Though the idea of harnessing power from waves is credited to Professor Steven Salter of the University of Edinburgh, Scotland, in the 1970s, Professor von Jouanne of the University of Oregon has focused her electrical engineering efforts to create a plausible ocean-based generator and is currently working with partners on a commercial application

of the successful prototype. She is an example of how one person can make a difference.

For the full story on Annette von Jouanne, visit [www.smithsonianmag.com/science-nature/Catching-a-Wave.html](http://www.smithsonianmag.com/science-nature/Catching-a-Wave.html). Additional information on the University of Oregon's Wallace Energy Systems & Renewables Facility can be found at <http://eecs.oregonstate.edu/wesrf/>.

For detailed information about energy issues and Smart Saver tips on how to become a better energy manager, visit [www.eon-us.com](http://www.eon-us.com). Your efforts will make a difference!

## Technotes

Visit [www.eon-us.com/kids](http://www.eon-us.com/kids) and discover your Electric Universe! Hundreds of activities, resources and tools available include:

- **For teachers:**
  - Lesson plans and general tips
  - Contests and calendar items
  - Links to information resources
  - Experiments and videos
- **For kids** with categories arranged by age:
  - Online games
  - Activities and facts
  - Tips on how to go green



### Fall clean-up: Keep it safe!

- When cleaning gutters, never carry your ladder upright. It's easy to lose control and hit power lines or windows.
- Look up for power lines before putting a ladder down.
- Have your fireplace inspected and flue cleaned by a qualified contractor.
- To save on heating and cooling costs, close the dampers and doors in fireplaces when not in use (unless you have a gas fireplace).
- If your furnace is more than a few years old, have it cleaned and tuned, including cleaning the blower and burners and resetting the fuel-air mixture if needed.
- Visit [www.eon-us.com](http://www.eon-us.com) for Smart Saver tips on how to save up to 10 percent on your annual heating and cooling bill by finding and sealing leaks in your home.

## Count your way to savings



Take a minute to look around and count the number of light bulbs in your home, and you'll likely discover you use over a dozen bulbs. If you replaced all of your incandescent light bulbs with ENERGY STAR® qualified compact fluorescent light bulbs (CFLs), you could save more than \$5 in energy costs per bulb; a potential savings of almost \$65 each year!

Keep in mind these additional benefits:

- CFLs generate 70% less heat and are safer to touch.
- CFLs last 10 times longer, making them ideal for hard to reach fixtures, like ceiling fans.
- The light quality has improved dramatically since they were first manufactured and have been rated as superior to incandescents. (*Popular Mechanics*, May 2007)
- The cost of CFLs has dropped significantly; bulbs can be purchased for less than \$5 each.
- CFLs can be used for all rooms, even bathrooms.
- CFLs are environmentally friendly by reducing the release of greenhouse gas emissions.

CFLs do contain a very small amount of mercury. The mercury contained in a single bulb is not likely to cause any harm; however, it is important to follow certain guidelines when cleaning up a broken bulb and disposing of the bulbs when they burn out. Visit the Environmental Protection Agency (EPA) Web site at [www.epa.gov](http://www.epa.gov) for guidelines on dealing with broken bulbs. There are a variety of sites and organizations that will take the bulbs when you are ready to dispose of them. Check [earth911.org](http://earth911.org) for a location near you.

## EPA announces Energy Star Homes increased in 2008

The U.S. Environmental Protection Agency (EPA) recently announced an increase in the number of ENERGY STAR® single-family homes. In 2008, nearly 17 percent of all single-family homes earned the Energy Star label, up from 12 percent in 2007.

"Every year Americans decide to cut their energy bills and help keep the air clean in their communities by buying a new home that has earned EPA's Energy Star. Features like properly installed insulation, high-performance windows and high efficiency heating and cooling can reduce home energy needs by 20 to 30 percent, saving American families thousands of dollars on their utility bills," said EPA Administrator Lisa P. Jackson.

The 940,000 Energy Star qualified homes built to date have locked in annual utility bill

savings of over \$250 million and reducing annual greenhouse gas emissions equal to nearly 350,000 cars.

To earn the Energy Star label, homes must meet strict guidelines for energy efficiency with such features as:

- Effective insulation systems
- High-performance windows
- Right construction and ducts
- Efficient heating and cooling equipment
- ENERGY STAR qualified lighting and appliances

For more information about Energy Star qualified homes visit [www.energystar.gov/HomesMarketIndex](http://www.energystar.gov/HomesMarketIndex). For SmartSaver energy tips, visit [www.eon-us.com](http://www.eon-us.com).

Source: [www.epa.gov](http://www.epa.gov)

## To improve your bottom line, think inside the box

Try our online Energy Calculator at [www.eon-us.com/bsc](http://www.eon-us.com/bsc). It is designed to serve as a tool to help you determine where potential energy savings exist just in time for the coming winter.

Be as accurate as possible as you make all of your online selections because doing so will provide you with a more accurate estimate of your business' current energy costs. After you've entered all your information, calculate the energy usage and then review your energy recommendations.

Our Energy Calculator also comes with helpful tips for using less energy so you can

put more money toward your company's bottom line by spending less money on energy bills.



### Contact Information

Old Dominion Power

ODP Customer Service  
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7 a.m. – 7 p.m. (EST)  
(800) 981-0600

[www.twitter.com/eonus](http://www.twitter.com/eonus)



24-hour Power Outages  
(800) 981-0600

Business Service Center  
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