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[U.S. Dept. of Energy: Energy Saving Tips](#)

**Energy Efficiency & Conservation in Loudoun County**

Loudoun County is involved in a wide range of efforts to reduce the county government's energy consumption, improve energy efficiency and raise awareness about energy conservation, including the [Loudoun County Green Business Challenge](#).

- [Energy Efficiency & Conservation Block Grant Projects Update](#) NEW
- [Loudoun County's Accomplishments](#)

**2011 Green Business Challenge**

The Green Business Challenge is a partnership between the Loudoun County Government and the Chamber of Commerce to encourage Loudoun businesses to adopt environmentally sound business practices. Information about the 2011 challenge, including the newly revised 2011 Green Business Challenge scorecard, is now online at [www.loudoun.gov/greenbusinesschallenge](http://www.loudoun.gov/greenbusinesschallenge). NEW

**Energy Efficiency & Conservation Block Grant Projects**

Loudoun County has been awarded more than \$2 million for energy efficiency projects through the American Recovery and Reinvestment Act's Energy Efficiency and Conservation Block Grant (EECBG) program. The latest presentation by staff updating the Board of Supervisors on the program is online:

- [EECBG Quarterly Update: July 5, 2011](#) NEW
- [Summary of EECBG Projects](#)

**Loudoun County's Accomplishments**

Loudoun County is proud to highlight its accomplishments in the area of energy efficiency and conservation.

**Recent Awards, Honors & Accomplishments** NEW

- **Loudoun Moves Forward with Electric Vehicle Charging Stations Project:** The Board of Supervisors has set a fee policy for the new stations. [Details](#)
- **New Energy & Environmental Program and Policy Administrator:** Loudoun County has hired Alan Brewer as the new Energy and Environmental Program and Policy Administrator. [More](#)
- **LED Lights Installed in Purcellville:** Energy-efficient LED lights have been installed on Main Street in Purcellville with money from Loudoun County's federal stimulus funds. [Details](#)
- **Cascades Chosen for WE CAN Pilot Program** - The Loudoun County community of Cascades is participating in the pilot phase of WE CAN- a residential energy efficiency campaign run by the Metropolitan Washington Council of Governments. Cascades residents are competing against the Brookland neighborhood in D.C. and Greenbelt, Maryland to reduce their energy use with the help of a website containing tips and an online energy monitoring tool. The pilot phase will run through March 2011. Visit [www.WeCanSaveEnergy.org](http://www.WeCanSaveEnergy.org) to learn more about the program.
- **Virginia Municipal League "Go Green Government Challenge"** – Loudoun County received the Platinum award in the 2010 challenge, the third year in a row that Loudoun has won the top award. [Details](#)
- **Virginia Governor's Energy Conference** - Loudoun County was asked to make a presentation on the Loudoun County Energy Strategy at the "Virginia: Energy Capital of the East Coast - The Governor's Conference on Energy," October 12–14, 2010, in Richmond.
- **Milestone Achievement Award** - In September 2010, Loudoun County received a prestigious Milestone Achievement Award from ICLEI-Local Governments for Sustainability (ICLEI), a membership association of local governments committed to advancing climate protection and sustainable development.
- **"Green Community Challenge"** - In August 2010, Loudoun County was selected as

one of four communities to participate in the pilot "Green Community Challenge," a friendly competition among Virginia communities to develop specific environmental policies and implement practical actions that reduce greenhouse gas emissions and address local sustainability.

- **Energy Retro-Fits Offered:** Through the federal Energy Efficiency and Conservation Block Grant program, Loudoun County can provide home energy retro-fit grants to low-and moderate-income homeowners in Loudoun County. Loudoun County can provide additional home improvements through the Loudoun County Home Improvement Program.
- **U.S. Department of Housing and Urban Development Recognition** - In June 2010, Loudoun was recognized for being "a prime example of promoting energy efficiency and stabilizing communities for the homeless in addition to assisting low- and very low-income residents by using stimulus funds for solar panels at the county's homeless shelter and renovating units at Windy Hill to make them more energy efficient.

Loudoun County also is involved in other energy initiatives as outlined in the following document:


- [Loudoun County Energy & Environmental Achievements: 2010](#) 

#### **Loudoun Receives National Recognition for Energy Strategy**

The National Association of Counties has recognized Loudoun County for its Energy Strategy, a comprehensive, 30-year-roadmap of energy strategies for the Loudoun County government and community, which was adopted by the Board of Supervisors in December 2009. The adopted Energy Strategy and appendices are online:

- [Adopted Energy Strategy](#) 
- [Appendices to Energy Strategy](#) 

#### **Loudoun Energy Updates**

- Loudoun County has reduced its annual kilowatt usage by an estimated 433,210 kilowatts in county facilities, with an estimated savings of more than \$112,000. Details are online [here](#).
- In 2009, the Board of Supervisors approved a series of energy conservation measures at several Loudoun County facilities, including the Claude Moore Recreation Center, the Department of Information Technology, the Fire & Rescue Training Building, the Loudoun County Government Center, the Shenandoah Building and the Courts Complex, to include the Judicial Center and historic Courthouse. The measures to be implemented include installing high-efficiency lighting; reprogramming controls to limit electric demand and more efficiently deliver outside air to heating and cooling systems; improving weatherization; and conserving water.
- [Loudoun County Energy Conservation & Sustainability Achievements & Goals](#) 

#### **Ad Hoc Committee on Energy Efficiency becomes Standing Committee**

In January 2009, the Board of Supervisors created the Committee on Energy & Environment as a new standing committee, replacing the Ad Hoc Committee on Energy Efficiency formed a year earlier.

Committee meeting packets, including agendas, minutes and action items, are online:

- [Committee on Energy & Environment Documents](#)

#### **ENERGY STAR Partnership**

The county is part of the ENERGY STAR partnership, a joint program of the U.S. Environmental Protection Agency and the Department of Energy designed to reduce greenhouse gas emissions.

This partnership is part of the county's commitment to protect the environment through energy efficiency. In partnership with ENERGY STAR, the county will:

- Measure and track the energy performance of county facilities where possible by using tools such as those offered through ENERGY STAR;

- Develop and implement a plan consistent with the ENERGY STAR Energy Management Guidelines to achieve energy savings;
- Help spread the word about the importance of energy efficiency to the Loudoun County government workforce and citizens; and
- Support the ENERGY STAR Challenge, a national call-to-action to help improve the energy efficiency of America's commercial and industrial buildings by 10 percent or more.

In addition, Loudoun County will receive recognition on the ENERGY STAR web site as a partner and also as a supporter of the ENERGY STAR Challenge. To be eligible for additional recognition, the county will share its progress and milestone achievements with the program.

#### State & Regional Efforts

Loudoun County exceeded the energy savings goal set for the "Cool Capital Challenge," a Washington D.C. area regional competition. Loudoun also won a first place award in the Virginia Municipal League's "Go Green Virginia:" Green Government Challenge.

More information about these state and regional efforts that the county is involved with can be found in the report from the Loudoun County Government & Loudoun County Public Schools Energy Efficiency Task Force. To view or download the report, you will need the free Adobe Reader, which may be downloaded [here](#).

- [Report on Green Government Challenge & Cool Capital Challenge](#) 

#### Energy Efficiency & Conservation Month

As part of the county's efforts to promote energy awareness, Loudoun County participates in Energy Awareness Month in October as part of a nationwide effort to promote public understanding of our energy needs and to reduce energy consumption in our everyday lives.

#### Powerful Ideas: Energy Saving Tips

- [Powerful Ideas: How to Use Water Wisely](#)
- [Powerful Ideas: How to Recycle More](#)
- [Powerful Ideas: Tips for Improving Mileage & Saving Gasoline](#)
- [Powerful Ideas: Energy Saving Tips for Winter](#)

#### Suggestions/For More Information

To suggest energy conservation ideas or for more information about energy efficiency and conservation, contact Loudoun County Energy Manager Najib Salehi at 703-737-8442 or send an e-mail to [najib.salehi@loudoun.gov](mailto:najib.salehi@loudoun.gov). For information about the EECBG projects, contact Nicole Steele, Energy Grant Specialist, 571-258-3380.

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Loudoun County Government  
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703-777-0100  
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