



E-Conservation
power to control what you spend

Energy Efficiency Advisor

NC STATE UNIVERSITY

NC COOPERATIVE
EXTENSION
Economic Power • Healthy Solutions

Volume 1, Issue 7 September 2015

September is National Preparedness Month



September is National Preparedness Month. This year's theme is "Don't Wait. Communicate. Make Your Emergency Plan Today."

Each week of the month focuses on a different type of emergency and how you and your family can prepare.

Sept. 1-5th	Flood
Sept. 6-12th	Wildfire
Sept. 13-19th	Hurricane
Sept. 20-26th	Power Outage
Sept. 27-30th	National PrepareAthon! Day (Sept.30)

Follow us on social media to learn more about preparedness actions.

Post-Disaster Home Restoration: Make Your Home a Healthy, High Performance Home



While no one wants disasters to happen, unfortunately do will occur. If your home falls victim to disaster (i.e. hurricane, tornado, flooding, etc.) this can be a great opportunity to upgrade your home with new energy efficient and safety features while making needed repairs. For example:

- if your roof needs repair or replacement, now is the time to consider adding solar panels or replacement with EnergyStar roofing products;

In This Month's Issue:

Post Disaster Home Restoration

Generators and Power Outages

Disaster Tips

Join In On the Social Media Buzz!

Like what you're seeing in this newsletter? Then you'll like following us on social media even more as it provides the quickest Home Energy Management updates, such as workshop announcements, new online resources, and interesting energy news.



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Disaster-prep tip:

Having emergency lighting during a disaster is essential. Consider purchasing a few hand-crank flashlights and keeping them on hand in rooms where you spend the most time. This will help you avoid having to scramble to find batteries when the power goes out. It is also safer than lighting candles.

- if safety systems have been damaged think about installing hardwired carbon monoxide detectors and smoke detectors with batter backups;
- if damaged, replace hvac units with high efficiency EnergyStar alternatives and seal duct work; or
- if replacing drywall, install higher R-value insulation and ensure that insulation is installed with no gaps, compressions, or voids.

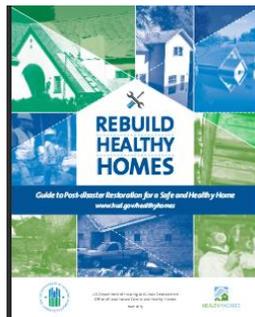
Maintaining the integrity and energy efficient character of your home is very important. If you cannot do the work yourself, hire a professional to make sure that your home's building envelope is in excellent shape. The building envelope is what separates your home from the outside and includes the walls, roof, windows, doors, and siding. An energy efficient building envelope is one that is well sealed – limiting air infiltration and exfiltration; well insulated – reducing heat gain and heat loss; uses energy efficient windows and doors– to reduce heat transfer; and energy efficient roof materials – to reflect solar rays and heat gain.

Not only is the disaster recovery period a good time to make your home energy efficient, but it is also a great time to encourage your community to implement energy conservation and sustainable strategies. Damaged buildings will need to be repaired, so encourage the leaders in your community to consider energy efficient practices when rebuilding. Ideas include rebuilding to be LEED certified, replacing older lighting technologies with LED lighting, and installing alternative energy technologies.

Some communities have already utilized these strategies in recovery. For example, Greensburg, Kansas used their recovery from tornado damage to make the city greener and stronger. In fact, Greensburg has the most LEED certified buildings per capita in the world! You can learn more about Greensburg's recovery here: <https://www.greensburgks.org/>

New Orleans also implemented energy efficiency practices in rebuilding schools and homes following [Hurricane Katrina](#).

For more information about rebuilding after disasters, see HUD's [Rebuild Healthy Homes: Guide to Post-disaster Restoration for a Safe and Healthy Home](#).



**Need More Help on Disaster Prep,
Response, and Recovery?**

Welcome!

Welcome to Kaitlyn Fudge, our new Home Energy Management Intern. Kaitlyn joined us at the beginning of the semester and will be working with us to produce newsletters, factsheets, and other educational resources. If you have any ideas for future newsletter articles or educational resources, please send don't hesitate to contact us.

Make Sure You are Receiving the Energy Efficiency Advisor!

Receiving this e-newsletter from somebody else? Make sure you're on our recipient list so you can directly receive our e-newsletter along with other important Home Energy Management updates!

If you would like to start receiving the *Energy Efficiency Advisor*, please send a request to sdkirby@ncsu.edu

If you need additional assistance related to disasters, visit the North Carolina Cooperative Extension's [NC Disaster Information Center](#). Here, you will find extensive resources to help you prepare for, respond to, and recover from a variety of natural disasters. Information ranges from how to prepare a disaster kit, to cooking without power, to recovering financially from catastrophic events.

Home Energy Management - <http://energy.ces.ncsu.edu/>