



Home Energy Community of Practice

Sarah Kirby
North Carolina State University



eXtension is:

“an internet-based collaborative environment where Land Grant University content providers exchange objective, research-based knowledge to solve real challenges in real time”

(eXtension, 2011)

Community of Practice (CoP)

“a virtual network of subject matter content providers . . . who share knowledge or competence in a specific content area and are willing to work and learn together over a period of time to further develop and share that knowledge in forms of educational products and programs”.

Communities of Practice Membership

- Opportunity to collaborate with other professionals
- Abreast of new resources and information in your field
- Professional development/training opportunities
- Beneficial to states with limited resources

Why a Home Energy CoP?

- Critical need for reliable, credible information
- Energy prices are increasing, as is concerns about energy demand
- Aging housing stock with considerable energy issues
- Environmental and conservation concerns



Purpose of the Home Energy CoP

- To provide education to the general public and housing professionals focused on residential energy efficiency and renewable energy
- To encourage adoption of best practices that will reduce home energy use while aiding in family economic stability, national energy independence and environmental stewardship



Initial Beginnings for the Home Energy CoP

- Initial Leadership Meeting -- November 2008
- First CoP gathering, January 2009
- CoP Public Launching on Earth Day, April 2010



CoP Leadership



CoP Members

- 8 Leaders
- 114 Members
- 12 positions
- 38 States



How CoPs work...

Develop Products --

- Basic Information
- Ask the Experts
- FAQs
- Discussion & Web Chats
- Decision Making Tools
- Webinars
- Streaming Videos
- Individual Learning Modules
- Multiple Learning Modules
- Certificate/Credit Courses
- Distance Diagnostics



**Questions,
Issues, or Life
Events**



Communities of Practice Related to Energy

- Home Energy
- Wood Energy
- Farm Energy
- EDEN

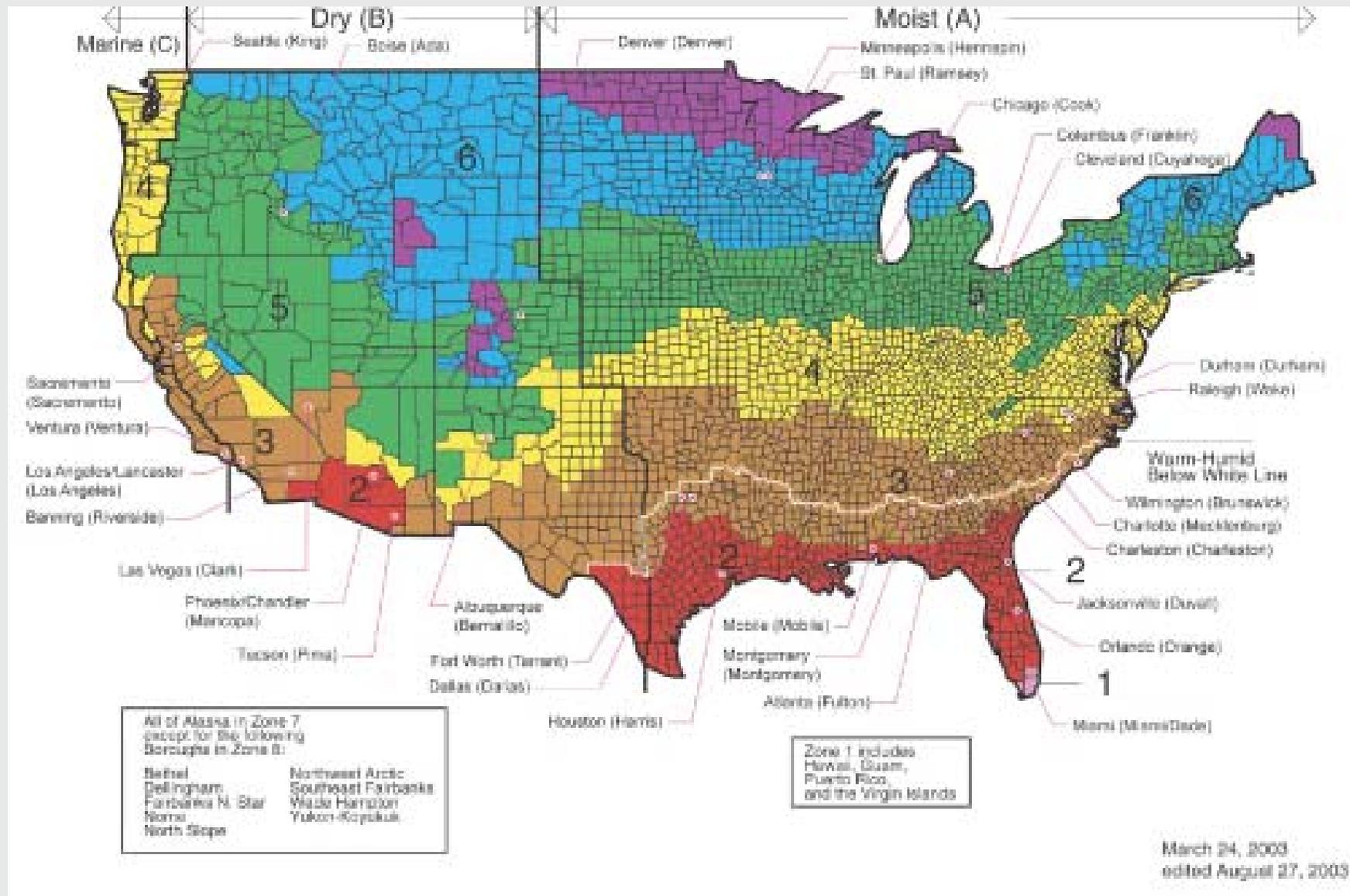


Categorization of Content

- Existing Homes
- New Homes
- Alternative Energy Systems



Home Energy CoP



What about the Home Energy Site?

- 175 Frequently Asked Questions
- 118 Articles
- 110 News Articles
- 1 Learning Lesson
- 37 Questions in last 30 Days
- 2000 – 3000 monthly visits
- 50,000+ yearly visits



Feature Articles

These resources are brought to you by the Cooperative Extension System and your Local Institution



Local Extension offices near you
Learn more about this institution

Select a different institution



Home About Resource Areas News Articles Answers Calendar Learning Lessons Search

Home Energy Home

Household Laundry Tips for Saving Money and Home Energy

Last Updated: December 02, 2011

Have a question?
Try asking one of
our Experts

Print

Share / Save

Save Money and Energy While Cleaning and Drying Your Clothes

Whether you're using a new machine or an old one, a few practices will save money and energy each time you do your laundry:

- Do your laundry correctly the first time, so you don't have to re-wash it.
- Pretreat or presoak stains and heavy soils before washing.
- Launder full loads, but make sure the washer isn't overloaded. The washer's water level should match the load size.
- Whenever possible, wash loads in cold water. Rinse all loads in cold water. Make sure that your laundry detergent is compatible with your washer. Because high-efficiency (HE) washers are designed to save water and energy, check to make sure that your laundry detergent is compatible by checking the bottle for the HE symbol. Using traditional laundry detergents in an HE washer can result in lower cleaning performance and a sudsy mess.
- To lessen drying time, use a higher spin speed for items such as towels and sweatshirts. It takes less energy to spin water out of fabrics than to dry the water out.



Photo of a home laundry room

This resource area was created by the:
Home Energy community



Resource Area Feeds

- Track all new content

In This Resource Area

Home Energy Efficiency

- Existing Homes
- New Homes
- Alternative Energy Systems for Homes



Frequently Asked Questions

These resources are brought to you by the Cooperative Extension System and your Local Institution



Local Extension offices near you
Learn more about this institution
Select a different institution



Home | About | Resource Areas | News | Articles | Answers | Calendar | Learning Lessons | Search

Questions tagged with "home energy"

Home Energy

« Previous 1 2 3 4 5 6 Next »

31. Does the location of the heating and cooling system have an affect on energy use in my home?
Updated: December 01, 2011
32. Can I test for radon in my home by myself?
Updated: December 01, 2011
33. What are the major design strategies for passive solar design?
Updated: December 01, 2011
34. Should I hire a professional to add insulation to my home? Can I do it myself?
Updated: December 01, 2011
35. Who is most affected by mold in homes?
Updated: December 01, 2011
36. Are the home High Efficiency (HE) clothes washers more energy efficient?
Updated: December 01, 2011
37. When should I have my heating system checked by a heating professional?
Updated: December 01, 2011
38. What are "green" homes and are they affordable?
Updated: December 01, 2011
39. Why do ceiling fans have a switch to allow the blades to turn clockwise or counterclockwise?
Updated: December 01, 2011
40. How can compact fluorescent lamps/lightbulbs (CFLs) be good for the environment if they contain mercury?
Updated: December 01, 2011

This resource area was created by the:
Home Energy community





Ask an Expert Feature

These resources are brought to you by the Cooperative Extension System and your Local Institution



Local Extension offices near you
Learn more about this institution
Select a different institution



[Home](#) [About](#) [Resource Areas](#) [News](#) [Articles](#) [Answers](#) [Calendar](#) [Learning Lessons](#)

Google™ Custom Search

Search

Ask an Expert

1 Ask a Question

2 Search for an instant answer

3 If there's no answer, we send it to our experts

Your Question What kinds of questions can eXtension answer?

Optional: You can include an image with your question after the search

Search for an Answer

eXtension provides objective and research-based information and learning opportunities that help people improve their lives. eXtension is an educational partnership of 74 universities in the United States.



News Features

These resources are brought to you by the Cooperative Extension System and your Local Institution



Local Extension offices near you
Learn more about this institution

Select a different institution



[Home](#) [About](#) [Resource Areas](#) [News](#) [Articles](#) [Answers](#) [Calendar](#) [Learning Lessons](#)

Search

All news tagged with "home energy"

Home Energy Show All

« Previous 1 2 3 4 Next »

1. [Set Goals this Month for a Greener Lifestyle](#)
Updated: March 02, 2012
2. [Keep the Heat in Your House, But Keep Out the Radon](#)
Updated: February 08, 2012
3. [Specialist Compares Space Heater Claims and Reality](#)
Updated: January 22, 2012
4. [Take Advantage of Available Tax Credits and Deductions](#)
Updated: January 16, 2012
5. [Choose the Best Firewood](#)
Updated: January 13, 2012
6. [Changing Bulbs Can Save More Than a Little Change](#)
Updated: January 09, 2012
7. [Save Money, Hold Off Chill by Winterizing Your Home](#)
Updated: December 29, 2011
8. [Flooding and Wet Soil May Worsen Winter Home Moisture Problems](#)
Updated: December 21, 2011
9. [For Each \\$1 Invested into an Urban Tree, a City Reaps \\$5 in Benefit, Says Tree Expert in NYC](#)
Updated: December 16, 2011
10. [New Dye Will Lead To More Efficient Solar Energy Technology](#)
Updated: December 16, 2011



Learning Lessons



Home Energy Use 101:

After completing this course, you should have an understanding of the ways energy is used in a home, as well as some ideas for reducing home energy use.

This course is part of a pilot project brought to you by the North Dakota Alliance for Renewable Energy, North Dakota Department of Commerce and North Dakota State University Extension Service in cooperation. If you have any questions, comments or concerns about the course or included materials, please contact information provided below.

After successfully enrolling, completing the course requirements and answering the quiz, you will be able to print a certificate of completion that will entitle you to \$50 off closing costs on a Gate City Bank mortgage.



*Automatic Payment Plan using a Gate City Bank checking account is required. Application must be received by Dec. 31, 2012. One certificate per household.

Author: Carl Pedersen, NDSU Extension Service
Ag and Biosystems Engineering
Contact Info: carl.pedersen@ndsu.edu

Home Energy 101 - Start Here

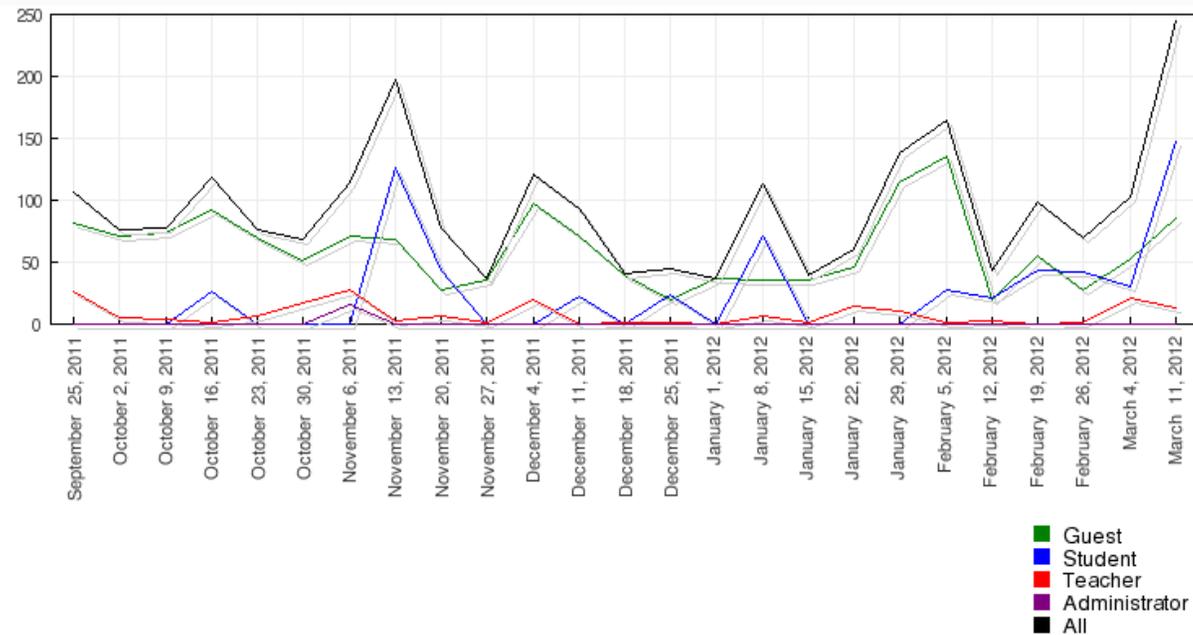
Watch the video below for an introduction to the course.



Home Energy 101: Content Views

Course Report type Time period - last:

HE101 - All activity (all roles)



COMMUNITY ACCESS

Schedule and Video On Demand

CHANNEL **12**

[Main](#) [About](#) [Schedule](#) [Podcasts](#) [Search](#)

Show Search

Today's Schedule

- 12:00 AM - [Rocknation TV](#)
- 12:30 AM - [Classic Arts Showcase](#)
- 7:00 AM - [Democracy Now!](#)
- 8:00 AM - [Capability Chronicles - Athletics: Inclusion at Its Best \(View\)](#)
- 9:00 AM - [Brain Health](#)
- 9:30 AM - [Polka Spotlight - Michael James](#)
- 10:30 AM - [Friendship Set To Music - Special Dances](#)
- 12:00 PM - [Destination Pets - Emergency Preparedness for People & Pets \(View\)](#)
- 1:30 PM - [Give Your Walls Some Soul! - This Mission Has Soul](#)
- 2:30 PM - [Art of Indonesia](#)
- 3:00 PM - [Classic Arts Showcase](#)
- 3:30 PM - [Yoga Daily Practice - Susan Thompson](#)
- 5:00 PM - [arTView - Mandan Art Association \(View\)](#)
- 5:30 PM - [Moore Movies](#)
- 6:00 PM - [Luke Graner, Belle Project \(View\)](#)
- 6:35 PM - [Classtiques](#)
- 7:00 PM - [9/11 Ten Years Later - American Muslim Relations - Martin Loken & Simon Cordery \(View\)](#)
- 7:59 PM - [Cowboy Poetry With Mick Mabin](#)
- 8:30 PM - [Reel Retro - The Amazing Mr. X \(View\)](#)
- 11:00 PM - [Democracy Now!](#)

Schedule for Sunday, January 29, 2012

January 2012						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

Start Time	Title	Duration
2:00 AM	Reel Retro - Killers From Space (View)	01:43:45
4:00 AM	Classic Arts Showcase	03:00:00
8:00 AM	Unleavened Bread Ministries	00:58:00
9:00 AM	Cathedral of Hope	00:29:39
9:30 AM	Bible Baptist Church	00:58:16
10:30 AM	New Song Community Church	00:58:04
11:30 AM	Redeemer Lutheran Church	00:57:38
12:30 PM	Mandan Seventh-day Adventist Devotional	00:22:44
1:00 PM	Our Savior's Lutheran Church	00:42:46
2:00 PM	Home Energy	00:52:20
3:00 PM	Mormon Tabernacle Choir	00:28:05
3:30 PM	Legacy United Methodist Church	00:51:50
4:30 PM	A Sense of Place by Bismarck-Mandan Symphony (View)	01:29:53
6:00 PM	WOW - Charity Lutheran Church	00:46:30
	Capability Chronicles - People First	





NDARE

North Dakota Alliance for Renewable Energy, Inc.

NDARECs

North Dakota Association of Rural Electric Cooperatives
Your Traditional Energy Partner

NDSU

Extension Service

North Dakota State University

North Dakota

DEPARTMENT OF COMMERCE

Office of Renewable Energy
& Energy Efficiency



Gate City Bank

For a Better Way of Life.®



BISMARCK STATE COLLEGE

beyond begins here.

NDSU THE SCIENCE OF SUCCESS.

mind reach

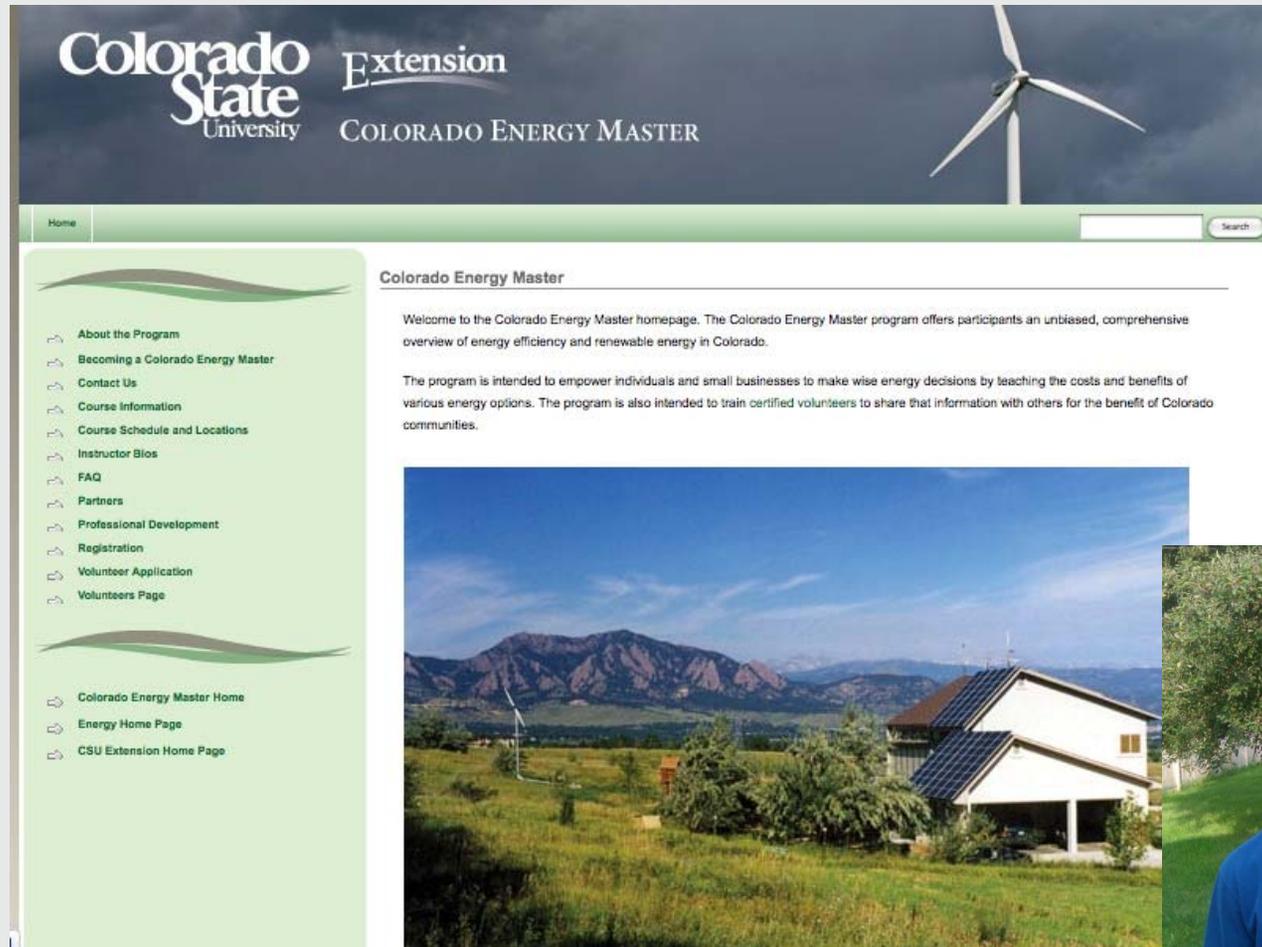
Home Energy Webinars

- Tax Credits
- Building Codes
- Energy Star
- Air Sealing
- Windows
- Alternative Solar Energy
- WxTV
- Preparing for Winter
- Geothermal
- Energy Master
- Wood Energy
- Appliances
- Rebuilding after Flooding
- Green Products
- Weatherization

The screenshot displays a webinar interface with several components:

- Chat Window:** Contains a message from Shirley Niemeyer: "Welcome every one. Please let us know if you are a new member. Members - please let others know how you are using the media etc. in your state. Grant: Is it phone only for audio? Dustin Hiatt: Yes"
- Attendee List (10):** Lists participants including Dustin Hiatt, Carl Pedersen, NDSU, Shirley Niemeyer, Carrie Mullendore, Carroll Walte, Claudette Reichel, Donna Coffin UMaine, and Grant.
- Technical Assistance:** A section for technical support with the text "For technical assistance, please dial:"
- Audio Conference Information:** Displays the telephone number "Telephone: 866-433-4616" and the passcode "Passcode: 642606".
- Slide Content:** The main slide features the "EXTENSION COMMUNITY Home Energy" logo, the title "Home Energy CoP Webinar April 9, 2010", a "Welcome!" message, and an "Earth Day" logo with the slogan "Reduce · Reuse · Recycle · Replenish · Restore".

Most recent webinar: Colorado Energy Master



The screenshot shows the homepage of the Colorado Energy Master program. At the top, the Colorado State University logo is on the left, and the text "Extension COLORADO ENERGY MASTER" is on the right, with a wind turbine image in the background. Below the header is a navigation bar with a "Home" link and a search box. A left sidebar contains a list of menu items: "About the Program", "Becoming a Colorado Energy Master", "Contact Us", "Course Information", "Course Schedule and Locations", "Instructor Bios", "FAQ", "Partners", "Professional Development", "Registration", "Volunteer Application", and "Volunteers Page". Below these are two decorative wave graphics and a list of links: "Colorado Energy Master Home", "Energy Home Page", and "CSU Extension Home Page". The main content area is titled "Colorado Energy Master" and contains a welcome message and a paragraph about the program's goals. Below the text is a large image of a house with solar panels and a wind turbine in the background. To the right of this image is a smaller portrait of a man in a blue polo shirt.

Colorado State University Extension
COLORADO ENERGY MASTER

Home Search

Colorado Energy Master

Welcome to the Colorado Energy Master homepage. The Colorado Energy Master program offers participants an unbiased, comprehensive overview of energy efficiency and renewable energy in Colorado.

The program is intended to empower individuals and small businesses to make wise energy decisions by teaching the costs and benefits of various energy options. The program is also intended to train certified volunteers to share that information with others for the benefit of Colorado communities.



Home Energy CoP Partners:



La House

LSUAgCenter.com
innovate, educate, improve lives

Topics News Publications Online Store Calendar About Us Our Offices

search

LSU AgCenter A-Z

LSU AgCenter
Research & Extension

LaHouse

Home > Family & Home > Home > LaHouse >

TOPICS

- Lawn & Garden
- Family & Home
- Crops
- Livestock
- Money & Business
- Community
- Food & Health
- Environment & Natural Resources
- Kids, Teens & 4-H

SERVICES

- twitter
- facebook
- audio
- video
- labs
- facilities
- weather

sub-topics

- About LaHouse
- Photo Gallery
- Hours of Operation
- Location & Directions
- Sponsors & Partners
- Get Involved
- News
- My House
- My Landscape
- Publications
- Related Links
- Online Training Center
- Seminars & Events
- Facility Rentals
- GRHP Home Professionals
- Sustainable Landscape News



LAHOUSE
MY HOUSE
MY LANDSCAPE

AS WE SHAPE OUR HOMES...WE SHAPE OUR FUTURE

Upcoming Events at LaHouse
Check out what's happening at LaHouse -- horticulture Lunch and Learn seminars, Master Gardener Training, Lead Certified Renovator Training, other best building practice seminars, seasonal Saturday events and more.

LaHouse Summer Saturday
LaHouse Summer Saturday Open House will be July 23 from 10:00 a.m. to 2:00 p.m. Explore the

LaHouse-Home and Landscape Resource Center
A research-based showcase of solutions and educational programs to help you shape the future with homes that offer MORE benefits with LESS

My House, My Home
Whenever you build, remodel or buy a home, you have the power

WxTV -- wxtvonline.org

The screenshot shows the WxTV website interface. At the top left is the WxTV logo. To the right are logos for ncaf, ExxonMobil, and REENERGIZING AMERICA'S WORKFORCE. Below these are navigation links: HOME, EPISODES, ABOUT WXTV, and WXTV BLOG. The main content area features a video player on the left showing a woman in a pink cardigan standing in a laundry room next to a washing machine. The video player has a play button, a progress bar at 15:36, and an HD icon. To the right of the video player is a text box with the following content:

Baseload & EnergyStar: The energy our appliances use

As part of our Consumer Ed Series, this is our baseload episode. We're going to travel to Raleigh, NC to join Sarah Kirby as she shows us ways to figure out the energy that our appliances use. We'll also see ways to cut those costs and how Energy Star appliances will help.

- date added: 9/22/11 ... **New Episode!**

Below the video player are three promotional banners: a blue 'login' button with a globe icon, a black banner with green silhouettes and the text 'want to be on the show?', and a green 'Join' button with a white mug icon.

UGA Greenway

facebook

Search

Home Energy Find Friends Home



- Wall
- Info
- Friend Activity
- Discussions
- Photos
- Events

About

We provide research-based information to help you live a greener & healthie...

More

296

like this

13

are talking about this

UGA GreenWay

Education · Athens, Georgia

Create a Page



Wall UGA GreenWay · Everyone (Top Posts)

Share: Post

Write something...



UGA GreenWay

<https://www.facebook.com/USDA>



U.S. Department of Agriculture

USDA is committed to providing safe and nutritious food, conservation, sustainable food production and revitalizing rural America. Comment Policy: <http://www.usda.gov/newmedia> Page: 26,429 people like this

Like · Comment · Share · Friday at 11:18pm



UGA GreenWay shared a link.

Got Drugs? Drug Disposal - National Take-Back

w.facebook.com/photo.php?fbid=10150276051591176&set=pu.275020741175&type=1

You and UGA GreenWay

Sarah Drummond Kirby likes this.

U.S. Department of Energy Office of..., Healthy Homes Partnership

Sponsored

Create an Ad

Best Facebook Game!



Build a city, make stacks of cash and be the owner of biggest metropolis in the world.

Flat Belly Diet

fatloss4idiots.com



Follow this simple diet tip and lose all of your excess fat fast.

Got Back Pain?

corrective-chiropractic.com



We can help you get fast pain relief today. Call

Chat (0)

Healthy Homes Partnership

The screenshot shows the homepage of the Healthy Homes Partnership website. At the top right, there is a "Sign In" link. The main header features the logo on the left and a photograph of a row of green houses on the right. Below the header is a navigation menu with links for Home, Program Information, Educator Resources, State Contacts, Ordering, Links, Resources, and News. A search bar is located on the right side of the menu. On the left, a vertical sidebar contains links for Healthy Homes Topics, Events Calendar, FAQs, Search Resources, and Web Tools. The main content area displays three book covers: "How to become a Healthy HOME", "Help Yourself to a Healthy Home", and "IF YOUR HOME IS HEALTHY HOME? Coloring and Activity Book". On the right, there is a Facebook widget with a "Sign Up" button and a "Like" button, along with a brief description of the site's purpose and contact information for the US EPA.

Sign In

Healthy Homes Partnership

Home Program Information Educator Resources State Contacts Ordering Links Resources News Search this site...

Healthy Homes Topics
Events Calendar
FAQs
Search Resources
Web Tools

How to become a Healthy HOME

Help Yourself to a Healthy Home

IF YOUR HOME IS HEALTHY HOME?
Coloring and Activity Book

Find us on Facebook

Sign Up Create an account or log in to see what your friends like.

Healthy Homes Partnership Like

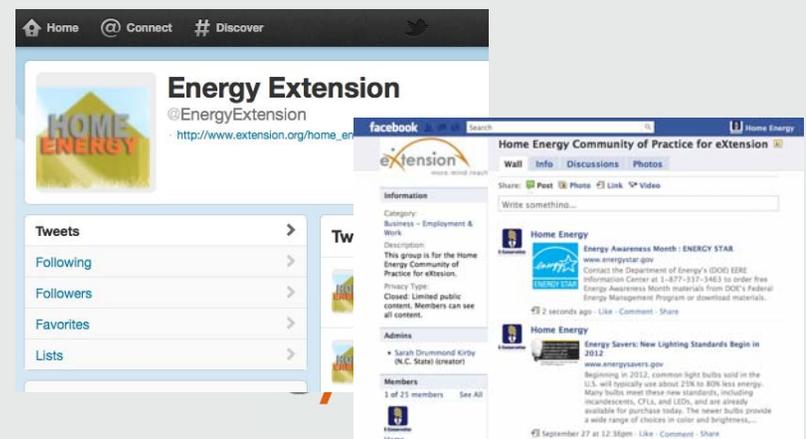
Healthy Homes Partnership
This site gives some useful information for consumers on safe ways to control pests.

Pesticides and Consumers |
Pesticides and Consumers |
US EPA
www.epa.gov

Information for consumers and educators on how to protect the environment around the home.

Additional Areas for Home Energy CoP to Explore

- Social media
- Indoor air quality / healthy homes relationships
- Engaging consumers
- Agency collaborations



Home Energy CoP Challenges:

- eXtension Audiences
 - Homeowners
 - Home Builders / Contractors
 - Renters
 - Varying Income Levels
- Climate
- Combining high tech with high touch



Development and Maintenance of the CoP



Content Appraisal
Optimization Appraisal
New Content



Questions?
