

Deliverables and Status Updates for the 2009-2011 New England Carbon Challenge NH PUC Greenhouse Gas Emission Reduction Fund (GHGERF) Grant

In July 2009, The University of New Hampshire was awarded a two year \$813,402 grant from the NH Public Utilities Commission for the New England Carbon Challenge (now a joint initiative of UNH and Clean Air-Cool Planet). The NECC and its partners, NH Sustainable Energy Association and UNH Cooperative Extension, are developing a new suite of web-based tools to enable households to reduce their energy consumption and these tools are being made available through the new website: <http://myenergyplan.net>.

Six deliverables were established for this grant award:

1. Assemble a voluntary advisory group of residents and representatives that will provide guidance on the development of all web-based tools. (3 months from Governor and Council (G&C) approval)

***Status:** Accomplished as of October 1, 2009. 28 NH residents (many Energy Answers volunteers through UNH Cooperative Extension) are participating and helping to guide the development of our tools. Participants are listed here: <http://myenergyplan.net/resAdvisory.jsp>*

2. Launch an Incentives and Vendors Index, a searchable web-based tool that will provide each homeowner with a customized report on which rebates and incentives are available, as well as a detailed list of energy efficiency and sustainable energy technology contractors. NHCC will develop procedures to ensure that the index is kept current. (9 months from G&C approval)

***Status:** Released to the public on the My Energy Plan website: <http://myenergyplan.net> on April 15, 2010. This tool, renamed the Energy Project Connector, was highlighted at the Local Energy Solutions conference in Concord on June 19, 2010.*

- 90 sustainable energy companies are listed in the database as of 7/01/10
- 30 federal, state, and utility incentives are included in the database as of 7/01/10
- 846 visitors (1489 total visits) to the My Energy Plan website since April 15, 2010 from 60 NH cities and towns. Widespread promotion of the site is ramping up following an obligatory period of testing and populating of companies.

3. Extend the capabilities of the New England Carbon Estimator so that households can see not only the resulting carbon reduction from the actions they have completed, but also the carbon reduction from what they pledged to do. (12 months from G&C approval)

* As specified in Exhibit A (Scope of Work) of the Cooperative Project Agreement between the NH PUC and the University of New Hampshire dated 6/26/09

Status: Will be released (possibly renamed) on the My Energy Plan website on July 30, 2010. Marketing and communications will begin in August.

Key Features:

- 55 actions to reduce household energy use promoted; actions prioritized for households new to energy reduction
- Actions can be “scheduled” over a two year time period, thus creating a customized energy plan for each household
- Actions tailored to different audiences; greater support for renters
- Guidance to households in selecting actions and follow-up provided to households once they’ve established their energy plan

4. Send all Challenge takers a customized "next steps" guide that will link the actions they have indicated they wanted to take to available resources and incentives for energy efficiency and renewable energy projects. (12 months from G&C approval)

Status: This is an integral component of the enhanced New England Carbon Estimator listed about in item #3 and will therefore also be released on July 30, 2010.

5. Create the Green Homes Tourist Program. NHCC and New Hampshire Sustainable Energy Association will develop and distribute a survey to determine interest/participation in the Program, as well as design the web-based tool that will connect owners of energy efficient houses with potential buyers of energy systems. (15 months from G&C approval)

Status: Projected release date March 15, 2011. The delay is a result of our desire to release the first part of the Home Energy Planner, the Energy Notebook, in October 2010, 9 months ahead of schedule. Since the Energy Notebook is the integration point for all of our other tools, it logically should be made available as soon as possible.

6. Develop a residential “Home Energy Planer” in close partnership with Carbon Solutions New England and Clean Air-Cool Planet. The planner will be a web-based tool to assist households in planning their energy efficiency and sustainable energy projects over a one to 10 year time horizon and evaluate the projected costs and benefits. (24 months from G&C approval)

Status: Projected release date of July 15, 2011 for the second half of the Home Energy Planner. This tool will help households identify longer term options for deeper reductions in their energy consumption and evaluate expected costs and benefits.

Requested Change in Delivery Schedule:

We respectfully request one change in our web-tool delivery schedule: to release Green Homes Tourist on March 15, 2011 rather than October 15, 2010. This change will make it possible for us to prioritize the release of the Energy Notebook (see Attachment A) on October 30, 2010. The Energy Notebook is the

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first part of the Home Energy Planner and as the integration point for all of our tools. We want to make it available as soon as possible.

Our Proposed Tool Delivery Schedule:

TOOL	DUE ON	DELIVERED ON	NOTE
<i>Energy Project Connector</i>	April 15, 2010	April 15, 2010	
<i>Carbon Estimator</i>	July 15, 2010	July 30, 2010	
<i>Green Homes Tourist</i>	Oct. 15, 2010	March 15, 2011	
<i>Home Energy Planner</i>	July 15, 2011	Oct 30, 2010 July 15, 2011	Part 1 (Energy Notebook) Part 2 (Longer Term Planner)

PLEASE NOTE: NO BUDGET CHANGES ARE REQUESTED; JUST A MODIFICATION TO OUR TOOL DELIVERY SCHEDULE

Outreach and Promotion Highlights As a Result of This Grant

As a joint initiative of UNH and Clean Air-Cool Planet, tool development and outreach are closely coordinated between these two parent organizations. This coordination allows the NECC to most effectively utilize existing community events such as the Community Loan Fund’s Resident Owned Community Conference or the Local Energy Solutions Conference on June 19th to strategically and cost effectively market these tools and resources to key affinity groups. Now that the website is live and the first tool launched we are working with NHSEA, UNH Cooperative Extension and partner organizations such as the Local Energy Committee Working Group, EESE Board, etc. to distribute these resources to community networks.

A very effective vehicle for such distribution in 2009 was the Button Up NH (BU NH) Home Weatherization Workshop Series organized by Clean Air-Cool Planet and funded in part through another GHGERF grant (for the Municipal Energy Assistance Program). Although BU NH is currently unfunded for 2010, the NECC is helping to deliver this highly lauded program again this fall/winter as a fundamental vehicle for distributing myenergyplan.net to communities. A number of other integrated communications strategies, utilizing such “triggering events”, have been developed by the NECC to help saturate audiences throughout NH over the next year as all the tools arrive on myenergyplan.net.

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ENERGY NOTEBOOK

SAVING ENERGY STARTS AT HOME.



Mary Williams
Temple, New Hampshire

Energy Profile



Comments

Kevin: Mary, who did your energy audit? We need one as well.

Amy: Us too. Thanks

Mary: The auditor was Green Homes Unlimited. Really happy with their work.

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Home Energy Reduction Actions In Progress

- Replace my vehicle with a more fuel-efficient car In 1 to 2 years ▾
- Limit "junk in the trunk" and unnecessary roof rack items Completed! ▾
- Avoid idling my vehicle I will do this now ▾
- Weatherize home by sealing around windows and doors Completed! ▾
- Set your hot water heater to 120°F or below Completed! ▾
- Put electronics (*computers, TVs*) on a UL-approved power strip I will do this now ▾
- Replace my old refrigerator with a new Energy Star model I will do it this year ▾
- Eat a vegetarian dinner three nights a week Completed! ▾
- Get a professional home energy audit I will do it this year ▾

Electricity Usage

New Hampshire
Electric Co-op

Sustainable Energy Installers I'm Tracking

COMPANY NAME	CONTACT
Dawn Solar	William Poleatewich
KW Management	Mark Weissflog
Seacoast Energy	Jack Bingham
groSolar	Jeff Wolfe

Upcoming Green Homes Tours I will attend

Home	Location	Date
Johnson	Dover, NH	June 5, 2010
Miller	Campton, NH	June 12, 2010
Richardson	Benton, NH	June 14, 2010