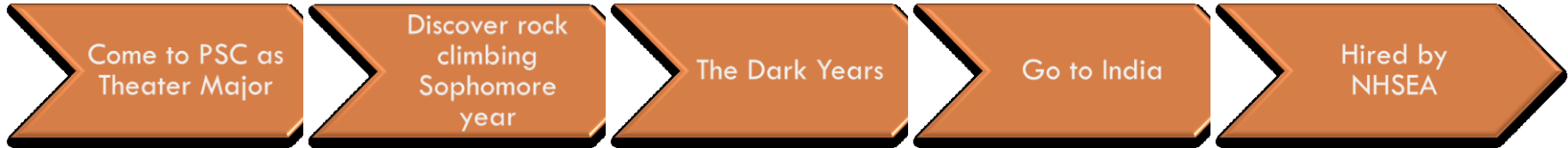


My Story...



- Change major to include Outdoor Rec & Environmental Bio

- Spend 4 years working in a cubicle
- Start working on Masters in ES & P at PSU
- Begin work with PAREI

- Return to US & quit job
- Intern at SLCS
- Join PAREI BOD

- Attend Center for Whole Communities retreat Summer 2009
- Finish Masters degree at PSU in Spring 2010
- The future is WIDE open!



An abbreviated timeline

- April 2010 NH (and Plymouth!) is awarded \$10 million Retrofit Ramp-up Grant from DOE
- March 2010 Town of Plymouth is awarded \$231,000 in grants from NH Office of Energy and Planning's Energy Efficiency Community Block Grant Program. The grants will fund audits of municipal buildings, energy efficiency work on Plymouth Town Hall, and installations of Photovoltaic Panels on Plymouth Village Water and Sewer, Plymouth Elementary School, and the Plymouth Town Library.
- March 2010 Plymouth Energy Committee begins transition to Plymouth Energy Commission
- March 2010 Town of Plymouth adopts a Renewable Energy Tax Exemption
- 2010 Plymouth is selected to participate in the State of NH's "beacon community" program through the efforts of the PEC
- March 2009 High Performance Building Resolution petitioned, passed, and adopted at Town Meeting
- 2008-2009 PEC, Plymouth Parks and Rec, and local businesses work together to install bike racks on Main Street
- 2008 PEC, Town of Plymouth, and SAU 48 work together on an anti-idling campaign
- 2008 PEC works with ICLEI to conduct a greenhouse gas inventory of Plymouth's municipal buildings
- 2007 Local Foods Plymouth (LFP) begins operations. LFP is a year round, on-line farmers market that connects local farmers and their products to members of the community
- 2007 Plymouth Energy Committee (PEC) forms
- 2005 birth of Plymouth Area Renewable Energy Initiative (PAREI), a local non-profit that works to help members of the community reduce energy consumption and produce energy locally, reducing our dependence on oil

Committee to Commission...

September 2009 - RSA Chapter 38-D
Energy Commissions



October 2009 - PEC drafts &
proposes warrant article (to be
recommended by Plymouth Selectmen)



March 2010 - Warrant article voted
on (and passed) at town meeting



April 2010 – At a public hearing,
Plymouth Selectboard unanimously
votes to establish the Plymouth Energy
Commission and appoints members



ENERGY EFFICIENCY AND COMMUNITY SUSTAINABILITY MASTER PLAN CHAPTER

Madeline McElaney

Why Energy Efficiency and Community Sustainability?

- Greater energy efficiency means lower operating costs
- More local jobs
- Less or no dependence on foreign oil
- Reliable energy sources
- A cleaner, healthier environment

My Project Advisors

Student Advisors

Patrick Bourgeron Director, Center for the Environment, Plymouth State University

Steve Whitman PSU Adjunct; Member, Plymouth Energy Commission

Energy Chapter Subcommittee

Ray Gosney Executive Vice President, Strategy & Governmental Relations, New Hampshire Electric Cooperative, Member, Plymouth Selectboard

Steve Kahl Member, Plymouth Energy Commission

Bert Sutcliffe Member, Plymouth Planning Board

The Contents

- Introduction
- Local & Regional Energy Supply and Consumption
- Local Greenhouse Gas Inventory
- Where are we now? How did we get here? Where are we going?
- Master Plan and Land Use Audit
- Recommendations
- Conclusion
- Glossary of Terms
- Appendices

Hot off the press...

FOR IMMEDIATE RELEASE

April 21, 2010

CONTACT:

Press Office, (202) 224-5553

SHAHEEN ANNOUNCES \$10 MILLION FOR LARGE-SCALE ENERGY EFFICIENCY RETROFIT PROJECTS IN BERLIN, NASHUA, PLYMOUTH

Funding will boost construction, create clean energy jobs

(Washington, D.C.)—U.S. Senator Jeanne Shaheen today announced that the **New Hampshire Beacon Communities Project** will receive \$10 million through the American Recovery and Reinvestment Act (ARRA) to make residential, commercial, municipal, and industrial buildings in Berlin, Nashua, and Plymouth more energy efficient. The funding was announced today by Vice President Joe Biden as part of the Department of Energy's Retrofit Ramp-Up initiative, an effort to increase energy efficiency building retrofits in 25 communities nationwide.

"New Hampshire has made great progress in weatherizing and making buildings more energy efficient, and this funding will help expand these efforts in a meaningful way," said Shaheen. "This will help consumers save on their energy bills over time, and create construction jobs in these three communities. We must continue to invest in these types of programs to create jobs and take control of our energy future."

The Beacon Communities funding will be used to support large-scale retrofits and make energy efficiency accessible to homeowners and businesses in Berlin, Nashua, and Plymouth. The project includes a statewide revolving loan fund to finance residential retrofits at favorable rates and public outreach efforts.

The Retrofit Ramp-Up projects, which are part of the overall \$80 billion Recovery Act investment in clean energy and energy-efficiency, complement the Obama Administration's 'Recovery through Retrofit' initiative, which lays the groundwork for a self-sustaining and robust home energy efficiency industry. The awards are the competitive portion of DOE's Energy Efficiency and Conservation Block Grant (EECBG) Program, which was funded for the first time under the Recovery Act to help state, local, and tribal communities make strategic investments in improving energy efficiency, reduce energy use and fossil fuel emissions.

What's Next for Plymouth?

- The planning board can decide to...
 - ▣ Adopt the draft energy chapter “as is” as an appendix to the Master Plan
 - ▣ Edit the energy chapter and add it as an appendix
 - ▣ Do nothing 😞

This decision does not need to go to town meeting.

-Public hearing, public comment

-Final decision made by the Planning Board



Thank You!

Madeline McElaney

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