

Energy Efficiency and Sustainable Energy Board

Work Plan 2010 - 2011

Summary

The EESE board's work plan will consist of programs and policies that, taken together, will achieve our statutory charge and advance a cleaner energy economy for New Hampshire. It will be closely tied to the Climate Action Plan. It will include specific metrics and benchmarks.

The plan will be distributed prior to the November meeting when a vote for approval will be taken.

Outline and Schedule

	<u>Draft</u>	<u>Next Step</u>	<u>Who</u>
1. Findings	Done	Review by all	Ober
2. Vision	Done	Review by all	Niebling
3. Goals	Underway	Draft / distribute	Gelineau, et al
4. Focus Programs	Done	Revise / distribute	Multiple
5. Policies	Ongoing	Review draft list	Leg members

Section 1. FINDINGS

The N.H. Energy Efficiency and Sustainable Energy Board finds that ...

- New Hampshire residents, businesses, and governments unnecessarily waste public and private money and produce high levels of greenhouse gases because of inadequate access to EE and SE programs, financing, and technical assistance.
- The NH Climate Action Plan's goal to reduce carbon dioxide by 80% cannot be achieved without dramatic advances in EE and SE for electric and thermal needs
- There is enormous untapped potential for providing significant portions of New Hampshire's energy needs through increased efficiency. An estimate prepared for the Public Utilities Commission, and considered by many to be conservative, suggests that between 8% and 15% savings are achievable.
- Clean energy was the fastest growing job sector in the first half of 2009 nationally; increasing access to efficiency and renewables will keep more money in New Hampshire, employ workers across the spectrum of skills and needs, and have a range of other positive public benefits
- Significant assets are in place to increase access to efficiency and renewables, including:
 - An influx of federal funding through the American Recovery and Reinvestment Act
 - Significant state funding through Greenhouse Gas Emissions Reduction Fund
 - Well-researched and broadly supported recommendations in Climate Action Plan
 - Forums for stakeholders to develop consensus solutions – the EESE Board, the Energy and Climate Collaborative, and others
 - Strong interest and dedicated leaders in legislature, state and local government, business, and nonprofit sectors.
- Significant barriers also exist. These include:
 - Energy pricing
 - High initial investment costs
 - Access to capital
 - Competing incentives and disincentives
 - Consumer confidence and complexity
- Lowering these barriers and taking most advantage of the assets will require a coordinated approach that includes:
 - Statutory and regulatory policy
 - Codes and standards
 - Workforce and infrastructure
 - Education and awareness
 - Research, development, and demonstration

Section 2. VISION

Vision 2025

In the year 2025, New Hampshire is a recognized leader among states in realizing progress toward a clean, sustainable and economically advantageous energy future.

Through public policy initiative, private entrepreneurship, and civic engagement, our state has fully capitalized on cooperative ventures, advanced renewable energy technologies and efficiency to achieve the following major milestones:

- A 20% reduction in greenhouse gas emissions relative to 1990 levels¹
- Over 25% of all energy consumption (electric, thermal, transportation) derived from renewable and sustainably sourced resources and technologies²
- A robust energy economy that circulates fuel and technology expenditures as much as possible in the New Hampshire economy, and has created clean energy jobs at a rate ___% greater than overall job growth since 2010³
- A 20% reduction of state, county and municipal government expenditures for energy (vs. 2010 expenditures) through investment in renewable energy and energy efficiency⁴
- A broad and competitive array of energy options to ensure affordability and reliability of energy to citizens in all socio-economic strata
- Strong central planning, cooperation at all levels of government and with the private sector, and effective utilization of incentives, subsidies, grants, and technical assistance to ensure efficient delivery of services and solutions for residential, commercial and industrial energy consumers

As a result of progress in meeting these milestones, New Hampshire retains the healthy environment and unique quality of life that makes our state an outstanding place to live, work, and raise a family.

¹ NH Climate Action Plan

http://des.nh.gov/organization/divisions/air/tsb/tps/climate/action_plan/nh_climate_action_plan.htm

² Governor John Lynch's August 2006 endorsement of 25x'25 <http://www.25x25.org/>

³ Pick a number!?! Pew Study may provide basis – haven't had chance to read fully

http://www.pewglobalwarming.org/cleanenergyeconomy/Clean_Energy_Economy_Report.pdf

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⁴ Pick a number!?!

**Section 3.
GOALS
(Underway)**

**Section 4.
FOCUS PROGRAMS**

1. Enhanced Delivery System for EE and SE Programs
2. Coordinated Municipal Energy Program
3. Marketing and Education
4. Beacon Communities
5. Coordinated Job Training and Placement Strategy

**Section 5.
POLICY RECOMMENDATIONS**