

# *Promoting a Sustainable Energy Future*



## **Maximizing Local Benefits: Update on Current & Planned Activities**

**Land-Based Wind Workshop, 11.17.06**



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# *Cape & Islands Renewable Energy Collaborative (www.cirenw.org)*



## **Overview**

- Participatory, nonprofit collaborative
  - Active participants: SR, WBNERR, CCCC, WHRC, CPN, CCC, clean energy businesses
- Local chapter of Northeast Sustainable Energy Association (NESEA)
- Goals: promoting energy sustainability, transforming the region's energy basis, maximizing local benefits, minimize adverse impacts

## **Support Mechanisms**

- In-kind support and supplemental funding
- Grant funding
- Membership dues and project-related income

***This workshop and follow-on activities are supported in part by a grant from Massachusetts Technology Collaborative.***

# Energy Indicators & Stakeholder/Candidate Outreach: Conclusions



- Reliance on fossil fuels has major adverse impacts and poses growing risks
- Efficiency is critical across all sectors; solar, wind, and ocean energy resources are substantial
- Opportunities for localized benefit abound, progress is occurring, and barriers are being addressed
- Local stakeholders should be working aggressively toward energy independence
- Strategic planning, community involvement, visionary thinking, coordinated approach, and concerted action are critical to accelerate progress *and* maximize benefits



*Credits: wave generators (Ocean Power), wind turbine (GE), tidal turbines (MCT)*

# MTC Grant Award



## Strategic Planning

- Stakeholder Outreach & Evaluation
- ***Community Outreach***
- Organizational/Regional Visioning & Goal-Setting
- *Renewable Energy Action Plan*

## Decision-Maker Forums

- Large Wind: How to Buy It & Where to Find It
- Solar, Wind & Green Building Applications for Municipalities & Businesses
- Empowering Institutions: Aggregations, Cooperatives, Brokers & Suppliers
- TBD

## Outreach, Education & Training

- CIREC-NESEA Chapter Meetings
- “Shades of Green” Workshops for Architects, Builders, etc.
- “Go Green” Guide & “How to” Workshops for Consumers

# Community Outreach



## Questions for Communities

1. How much energy are you using?
2. How much are you spending on electricity and fuels?
3. What have you done recently - and what are you doing now - to increase efficiency, reduce costs, and harness renewables?
4. What are your goals relating to efficiency, renewables, and climate change?
5. How can we help you set and/or achieve goals?

***Point of contact: Energy committee? Town manager/administrator?  
Elected officials?***

# *“Beyond Cape Wind” Mission Statement*



“Our goal is to accelerate progress toward a sustainable energy future for Cape Cod, Martha's Vineyard, and Nantucket.

We will consider energy supply, delivery, and use from all perspectives; address common challenges relating to our reliance on fossil fuels; and define shared goals relating to efficiency and renewables. We will initiate activities and develop tools for informing, shaping, and changing decision-making at the individual, local, and regional levels.

By working together, we will make a difference.”



Courtesy NASA/Goddard Space Flight Center.

See [www.cirenew.info](http://www.cirenew.info) for more information.