

Beverly Clean Energy Advisory Committee

City Council Meeting
October 6, 2008





Members and Affiliations

- Frederic Hopps, Chairman
- Dr. Chris Tripler, Endicott College
- Dr. Robert Buchsbaum, Audubon Society
- Thomas Keeley, Jostens Inc
- Dr. Bruce Egan, Egan Environmental, Inc
- Gaspar Simoes
- Dr. John Lappen

Other Municipalities' Programs

- Commonwealth of Mass: Green Communities Act includes 30% reduction of energy use by 2030
- Berkeley CA: Residential PV roof Project
- Portland Oregon: Peak Oil Task Force
- Cambridge Energy Alliance
- Cool Cities Nation-wide



Rationale

- We need environmentally and economically sensible strategies to meet our future energy requirements.



Mission Statement

- The Clean Energy Advisory Committee's mission is to provide assistance for the sustainable development of economically and environmentally sensible energy solutions for the City of Beverly, Massachusetts



Align our mission...

- The Clean Energy Advisors seek to work with ongoing projects and initiatives within the city
- Encourage measures that increase energy efficiency

example: EPA's Energy Star Buildings strategy: Lighting, heating and cooling load reductions. Heating and cooling systems, etc





Clean Energy: Beverly, MA

- Borrow strategies from successful projects in other cities
- Identify projects that are economically and ecologically sensible
- Identify, propose, and secure funding



Project Opportunities

Short-term Steps to Identify and Implement Sustainability

- Understand ***Our*** Energy Use
 - (who are your oldest and largest consumers)
- Energy Audits
- Conservation of Purchased Electricity (Lights, etc)
- Quality of Life: Bike paths, Recycling



Project Opportunities

Long-term Opportunities to Improve Sustainability

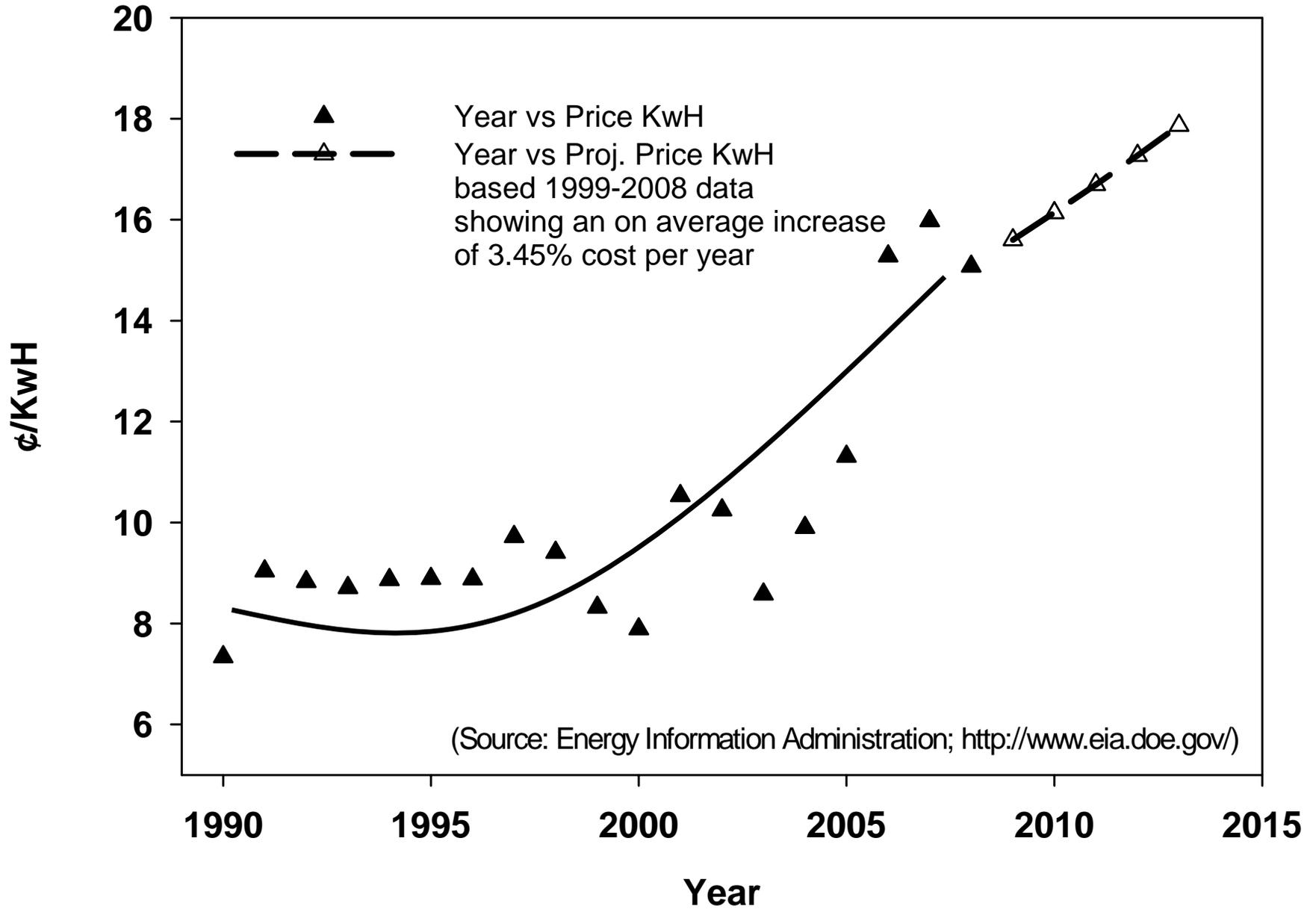
- Solar Panels on Municipal Buildings
- Explore wind turbine opportunities
- Energy Co-ops

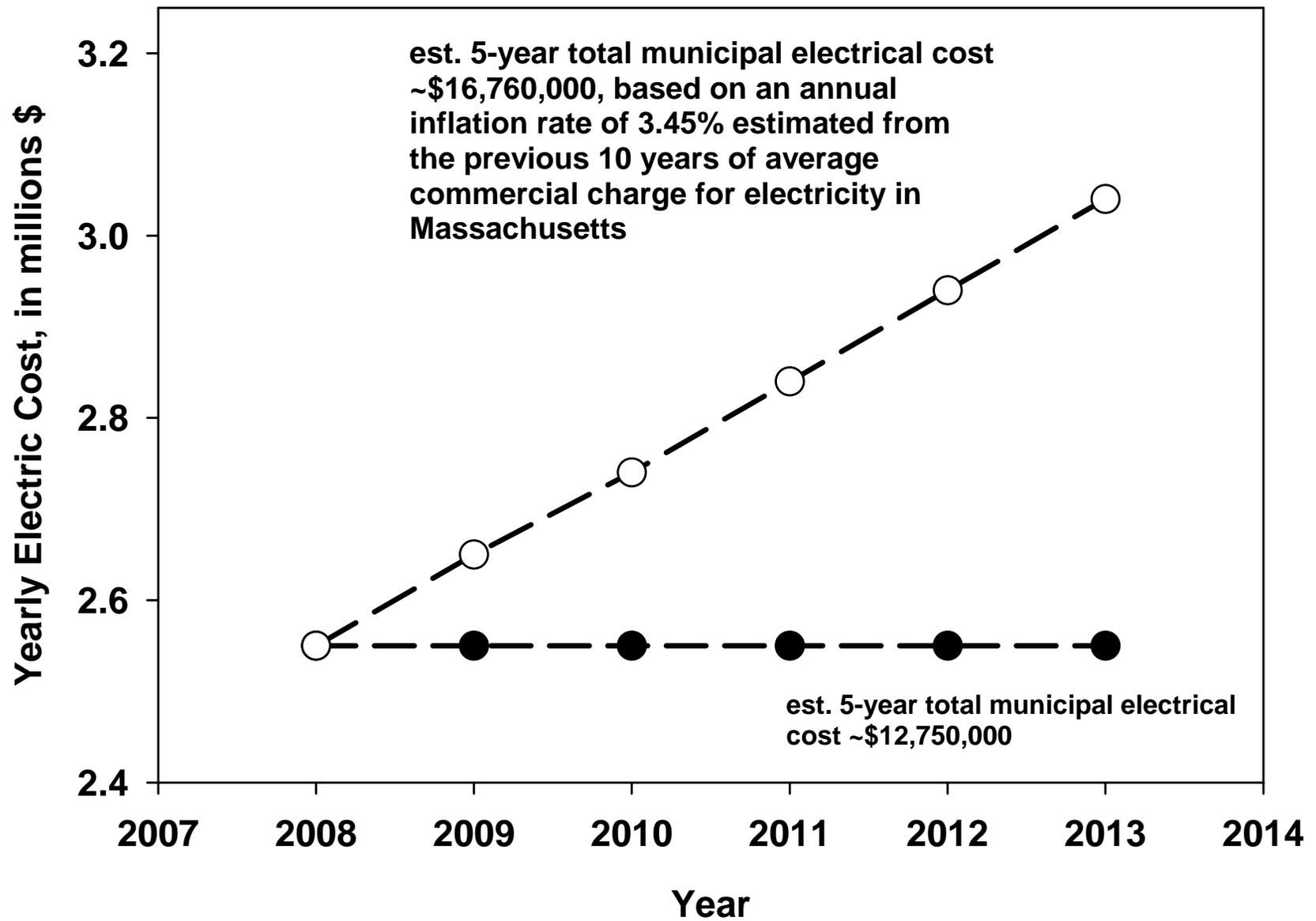
“10 BY 10” Goal

- **Reduce Energy Consumption
10% by the end of 2010**
- **Increase Clean Energy Generation
10% by the end of 2010**

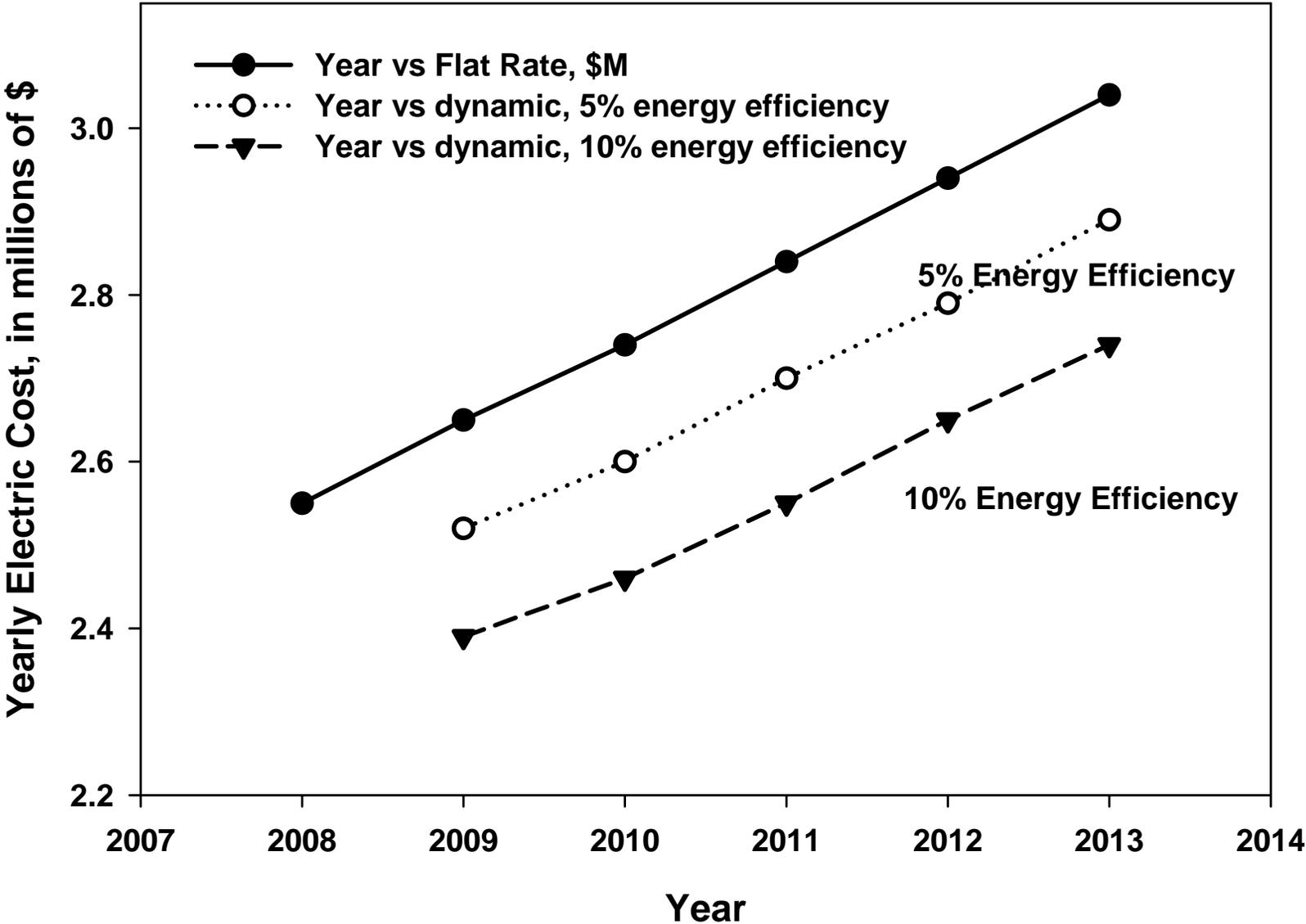


Projected Cost of Electricity in MA Based on Commercial pricing





Comparison of Projected Electricity Costs for Beverly, Massachusetts 2009-2013 (est. increases in pricing) with Constant Use, and 5% & 10% Energy use Reductions



Next Step

Includes:

- Website Development
- Meetings 2nd and 4th Thursdays, Library
- Establish liaison with Council
- 10 x 10 Campaign (Focus & action)

