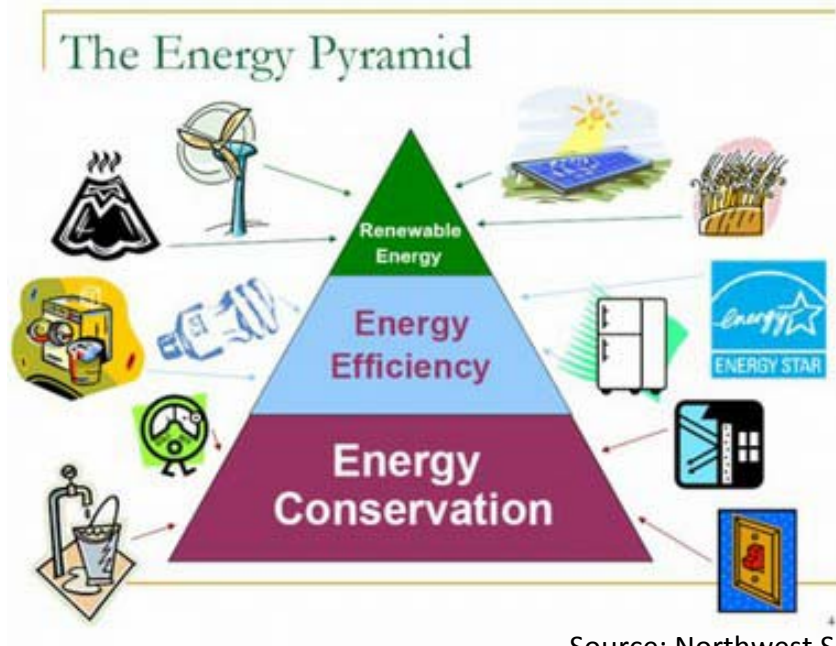


# Energy Lessons Learned in Falmouth, MA



Megan Amsler, Chair, Falmouth Energy Committee

Sitting in for this presentation: Joan Muller, Former Co-Chair



Source: Northwest SEED

- **Make energy, as a whole, the emphasis of efforts.**
- **Remember that renewable energy is the crown that the efficient building wears.**
- **Renewable energy is attractive.**
- **Energy conservation and efficiency are a harder sell.**
- **We need both.**

# Town of Falmouth's Climate Goals

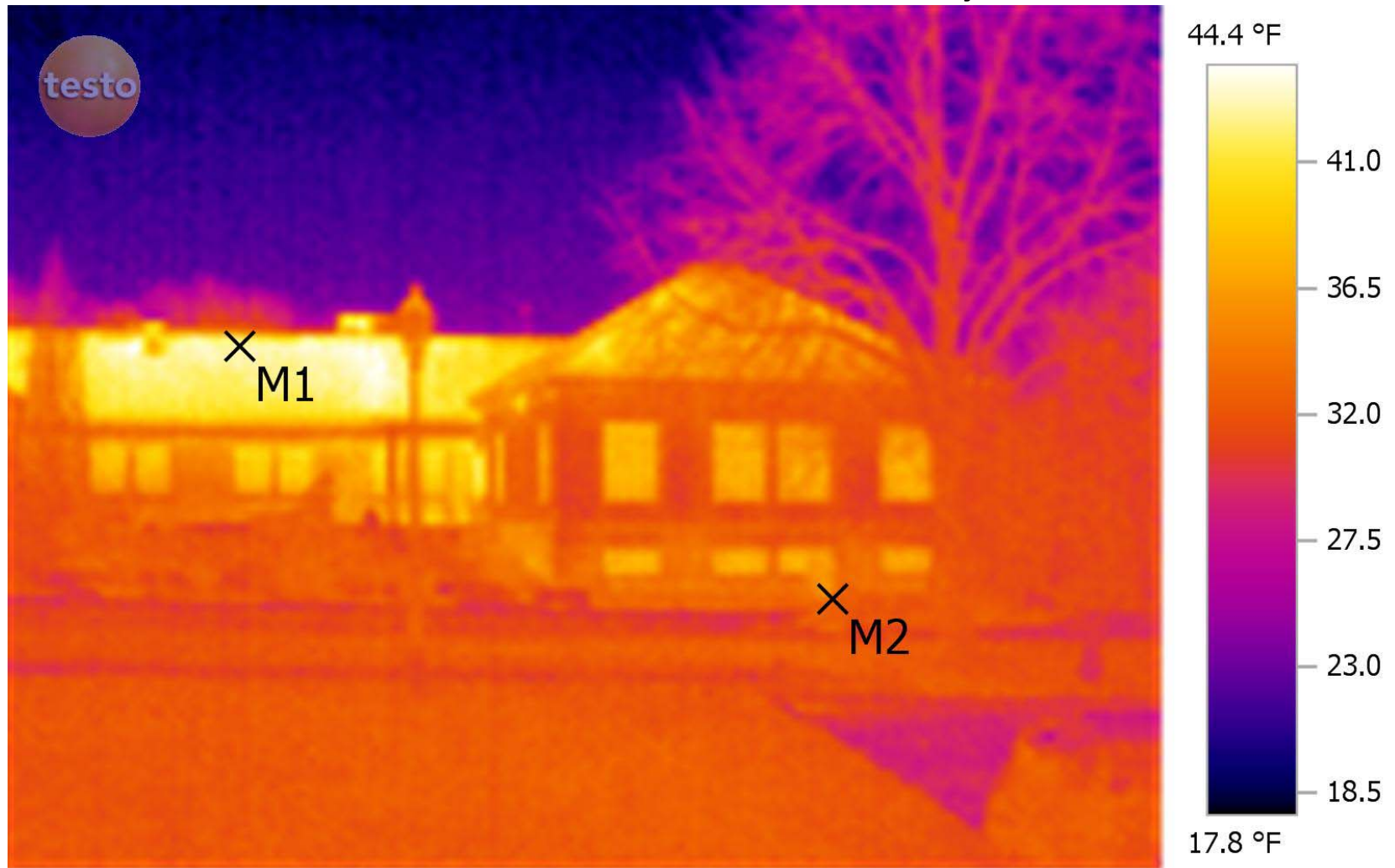
- The modest goal of reducing greenhouse gas emissions by 10% by 2020 was set in 2002 when Falmouth joined the ICLEI Cities for Climate Protection program.
- The Energy Committee conducted energy inventories for the town in 2001 and 2006.
- Falmouth has now committed to reducing its energy and associated greenhouse gas emissions by 10% by 2010. (Town Administrator)

# Energy Efficiency Efforts

- Comprehensive audit of Town Hall, Gus Cauty and Morse Pond buildings was funded by the Cape Light Compact and conducted by Alan Mulak.
- There is no policy in place to support energy efficient procurement and operations other than the climate protection action plan.
- Determining the best solution for insulation for town hall 3rd floor/ attic is in process-National Grind incentives apply.
- Building consensus and finding \$ to implement measures is hard.
- Some of the lowest hanging fruit has been addressed-programmable thermostats in town hall and motion sensors in bathrooms.

# Thermal Images of Town Hall-west end

## Photos taken March 20, 2009





**Simulated photo of 1.65 megawatt Vestas wind turbine at the wastewater treatment facility**



**Actual Photo of 1.65 MW Vestas turbine installed on 11/10 at the Falmouth WWTF**

# Energy Coordinator

- New Energy Coordinator has been hired by town, funded for three years through Clean Energy Choice money.
- We hope this position will help bring the many energy efficiency projects under consideration to fruition and provide a better conduit for communication between the Energy Committee and town administration.

# Next Steps

- Work with Energy Coordinator to establish Falmouth as a Green Community.
- Working to get the second wind turbine at the wastewater treatment facility by spring '10 .
- The town is now facing fiscal challenges and the Energy Committee would like to see the 10% energy reduction challenge to department heads reinvigorated to help save money in addition to the environmental benefits.