

Cape Elizabeth Alternative Energy Committee Agenda
Thursday, January 6, 2011, 6:30 pm
High School Break Room

- 1. Introduction of Greg Marles, Cape Elizabeth Schools Facility Manager and agenda for tonight's meeting.**
- 2. Discussion of plans for new Boiler at Cape High School**
- 3. Discussion on Solar Thermal Panels being considered for Cape High School**
- 4. Discussion on possible gas pool heater being considered for the Richards Pool**
- 5. Tour of boiler room, classroom energy upgrades and energy system controls used for the school system.**
- 6. Approval of November 30, 2010 meeting minutes**
- 7. Review and revise below themes and sign up for helping to facilitate future meeting discussions. Please consider signing up to help facilitate two of the following topics:**

January 6, 2011: 6:30pm-8:30pm

- a. Theme: Proposed new boilers and Solar Thermal Panels
- b. Guest: Director of Facilities for Cape Elizabeth School System
- c. Background research: Solar thermal technologies
- d. Discussion Leaders:

February 3, 2011: 6:30pm-8:30pm

- a. Theme: High efficiency street lights
- b. Guest: ?
- c. Background research: High efficiency street lights, Pittsburgh Case Study
- d. Discussion Leaders:

March 3, 2011: 6:30pm-8:30pm

- a. Theme: Wastewater ground source heat pump
- b. Guest: ?
- c. Background research: similar applications
- d. Discussion Leaders: Rick Fontana

April 7, 2011: 6:30pm-8:30pm

- a. Theme: Piping natural gas into Cape Elizabeth/cogeneration
- b. Guest: Consultant?
- c. Background research: Natural gas costs and benefits
- d. Discussion Leaders:

May 5, 2011: 6:30pm-8:30pm

- a. Theme: Geothermal energy
- b. Guest: Facility manager for local Geothermal building
- c. Background research: Local case studies
- d. Discussion Leaders:

June 2, 2011: 6:30pm-8:30pm

- a. Theme: Solar electric panels
- b. Guest:
- c. Background research: Solar electric technologies
- d. Discussion Leaders:

September 1, 2011: 6:30pm-8:30pm

- a. Theme: Alternative vehicle technologies
- b. Guest:
- c. Background research: Energy saving vehicles
- d. Discussion Leaders:
- e.

October 6, 2011: 6:30pm-8:30pm

- a. Theme: Biomass
- b. Guest: Operator of local biomass facility
- c. Background research: biomass technologies
- d. Discussion Leader:

November 3, 2011: 6:30pm-8:30pm

- a. Theme: Wind energy
- b. Guest: Operator of local wind turbine
- c. Background research: wind energy
- d. Discussion Leaders:

December 1, 2011: 6:30pm-8:30pm

- a. Theme: Long term energy vision for Cape
- b. Guest: ?
- c. Background research: future technologies
- d. Discussion Leaders:

8. Next Meeting Feb 3, 2010:

- a. **Topic: High Efficiency Street Lights**