



TOWN OF STRATHAM

INCORPORATED 1716

10 BUNKER HILL AVENUE • STRATHAM NH 03885

VOICE (603) 772-4741 • FAX (603) 775-0517

Stratham Energy Commission Meeting Agenda

Date: Wednesday, May 14, 2014 at 7:00 PM

Meeting to be held at the Stratham Municipal Center in the Land Use Conference Room

Committee Members:

- James Schlough
- Matthew O'Keefe
- Michael Gorman
- Michael Welty – Chair of Meeting in absence of J. Dold
- John C. Dold

1. Review of the presentation to the SMS School Board which was done by Chris Treadwell, UNH Senior Mechanical Engineer and Keith McBrien, GDS Assoc. and advisor to Chris for the project. This was Chris's senior project which is a requirement for graduation.
2. The Energy Efficiency Measures of the presentation were:
 - a. Change out inefficient 25 year old oil fired boilers to either:
 - i. High Efficiency Propane boilers – 11.6 year ROI, save \$10,400/yr
 - ii. Wood Pellet Boilers – 5.8 years ROI, save \$17, 841/yr with a locally supplied and renewable energy source
 - b. Replace aerators on all faucets. Reduce water usage by 600% in faucets which means less water flowing into septic system. Also saves \$ in reduced electricity for well pumping.
 - c. Install Vending Miser on two vending machines. Controls lights and cooling cycles. Saves \$622/yr with 7 month ROI.
 - d. Change out 4 foot T-8 fixtures with new LED troffers. The ROI is 7.26 years with a savings of approx.. \$50/yr per light.
 - e. IT program sponsored by Energy Star to conserve energy in computers. This program is provided free by Energy Star and can save \$1733/yr by automatically shutting down computers at a certain time each day.
 - f. Install a skylight curtain in the library to automatically open and close depending on time of day, temperatures and direct sunlight. Will save on heat loss at night especially. There is no \$ savings proposed, nor the cost of the curtain.



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- g. Replace all exterior door sweeps and vertical air gap seals. Help to reduce cold air from entering building in winter. There was no \$ savings proposed, nor the cost of the door sweeps and seals.
 - h. Solar thermal heat to be studied as an option in the future. Will have to research to find incentive and grant programs.
 3. Discuss the Energy Commission display at the Stratham Town Fair which is scheduled for July 17, 18, 19 and 20, 2014. We will be a table and space provided for us in the Town of Stratham tent. This tent will be located at the front entrance to the park by Portsmouth Avenue. All people entering the fair through this entrance will have to pass directly through this tent.
4. Next meeting is Wednesday, June 11, 2014 at 7:00 PM at the Municipal Center.
5. Other new business
6. Adjourn