



TOWN OF STRATHAM

INCORPORATED 1716

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Meeting Minutes STRATHAM ENERGY COMMISSION MEETING Wednesday – May 13, 2015

Location: Stratham Memorial School

Attending Committee Members in bold:

- **Michael Ream**
- **Matthew O’Keefe**
- **Michael Welty**
- Keith McBrien, GDS
- Dick Wendell, SAU16 Building Manager
- UNH Students Trevor & Stephen
- SMS School Board + Stratham Residents (aprox 20)

7:00 PM Call to order

Keith and Trevor presented a biomass boiler replacement project for SMS to supplant 2 of 3 aging oil boilers. Third to remain as backup. The cost is roughly \$200K without any incentives. \$55K incentives expected through current PUC rebate program. Annual energy cost savings of \$11K compared to oil puts the payback expected at 10-15 years. System to use 84-140 tons of pellets per year, with a 20 ton onsite silo. Similar installation on display at NHSPCA in town.

Presentation left out the need to spend considerable money on the impending replacement of at least 2 remaining boilers. Awaiting updated report to include all the economic models and comparisons.

Presentation to the SMS school board ended and SEC moved to an adjacent room to meet with Dick Wendell of CMS. Keith and Stephen presented on a number of initiatives for CMS.

For the Air Handling Units:

-Upgrade existing AHU that is 78% efficient and 11 EER A/C to 82% and 16 EER. Cost of approximately \$216K but incentives from Unitil available.

-Units are 23 years old now and the annual savings to be approx \$10K/yr

For the Boilers:

-Upgrade the burner and controls at \$100K for \$10K/yr savings with Unitil incentives available.

For Lights:

-Move to LED replacement kits (

Solar PV:

-100kW system priced at \$300K

RetroCommissioning:

-\$93K cost for a \$31K/yr savings

Meeting adjourned at 8:30. Next meeting scheduled for June 10, 2015

The Stratham Energy Commission reserves the right to conduct the meeting in any order they deem appropriate.