

**TOWN OF CAPE ELIZABETH
MEETING MINUTES**

MEETING: Alternative Energy Committee 2016
DATE: April 19, 2016
TIME: 7:00 p.m.
PLACE: Town Hall: Lower level conference room

Welcome/Roll Call **7:04pm**

Chair: Julia Bassett Schwerin

Members present:

Rick Smith
James Masi
Laurenz Schmidt
Wes Doane

Town Representatives present:

Greg Marles, Director of Facilities and Transportation

Review and approval of Minutes:

Minutes from March 29, 2016
Motion Mr. Masi to accept: Seconded Mr. Schmidt
Passed: 5 to 0

Next Meeting dates:

June 14, 2016, 7:00pm Community Center meeting room
July 6, 2016, 7:00pm Town Hall, Jordan Conference room
August 16, 2016, 7:00pm Town Hall, Jordan Conference room
September 20, 2016, 7:00pm Town Hall, Jordan Conference room

Communication paths:

Chair Bassett Schwerin reviewed the path that the committee must follow when submitting information. All information, supporting documentation, and email correspondence must go through the Town liaison Mr. Greg Marles, Director. A communication path diagram was shared with the committee membership.

Review of baseline information:

The committee reviewed the Town's prior energy audit, continued to review improvements that have been done over the past years within the town and school facilities. This was a verbal report provided was by Mr. Greg Marles and outlined several areas of information.

High school boiler plant updates in 2011: first year oil saving was 20,000 gallons. The new boiler plants are three Buderus oil fired boilers with Reillo burners running at 6.9MBH.

Pond Cove and Middle school boiler plant updated in 2014: first year oil saving was 14,000 gallons. The new boiler plants are three Viessmann oil fired boilers with Reillo burners running at 6.3MBH.

Mr. Greg Marles will provide a fuel oil and electricity usage for FY 2015 for the next committee meeting. Additionally a handout was given on the current inventory of vehicles within the town and schools, type of fuel and age. The committee talked about propane vehicle or conversation to propane vehicles what would be the added advantages or disadvantages. The Facilities and Transportation Department has an in-house policy regarding lighting upgrades, that any new or replacement lighting where applicable would be LED. The town and schools has seen excellent savings since this program has gone into effect to a point electricity budget have been decreased over the last several years.

Open discussion:

- I. What grants could be found for the Town and Schools.
 - a. Mr. Masi volunteered to provide a report on possible grants from the Department of Transportation
 - b. Mr. Doane volunteered to provide a report on possible grants from the Maine Public Utilities Committee and Efficiency Maine
 - c. Ms. Bassett Schwerin volunteered to provide a report on possible community solar grants.

The discussion continued to cover additional grants from Central Maine Power and certain Bio-mass projects. Additionally the committee is interested in having a mini trader fair in September covering topic that would benefit the community and to provide education for the committee.

Municipal Energy Projects:

- II. Ms Bassett Schwerin provided energy reports for the committee to review from the Town of Saco and the Town of Falmouth
- III. Mr. Masi provided an energy report on the Town of Westboro on solar and gas usage. The taxpayers of the committee are realizing a 20% saving on power with their new initiatives.
- IV. Mr. Doane discussed the City of Portland initiatives and their new requirements for construction. The City of Portland requires any building over a certain size must LEED Silver certified. The review of the City's transportation fleet being fueled by natural gas.
- V. Mr. Doane discussed the Town of Peteboro initiatives and their new solar program that is sized at 944kW which supplies power to the waste water plant. The projects for energy savings range between \$250k to \$500k over the next 20 years.

The meeting was adjourned at 9:17pm with a motion from Mr. Masi and was seconded by Mr. Schmidt. The committee voted 5 to 0 in favor to adjourn.

Respectfully Submitted

Gregory Marles, Director of Facilities and Transportation

DRAFT