

**TOWN OF CAPE ELIZABETH
MEETING MINUTES**

MEETING: Alternative Energy Committee 2016
DATE: May 17, 2016
TIME: 7:00 p.m.
PLACE: Town Hall: Lower level conference room

Welcome/Roll Call **7:00pm**

Chair: Julia Bassett Schwerin

Members present:

Rick Smith
James Masi
Laurenz Schmidt

Members not present:

Wes Doane

Town Representatives present:

Greg Marles, Director of Facilities and Transportation

Review and approval of Minutes:

Minutes from April 19, 2016
Motion Mr. Schmidt to accept: Seconded Dr. Masi
Passed: 4 to 0

Next Meeting dates:

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

Guest introduction:

Mr. Marles introduced Nathan Lareau a recent University of Southern Maine graduate who will be doing a presentation of a solar project at Donald Richards Pool. .

Committee reports:

Mr. Smith gave a report on the energy measures and results for Acton, Massachusetts. The Town of Acton provides 65% of the load through a solar project located on a closed land fill which has generated a savings of \$250,000.00. Currently, according to Mr. Smith's report 46 projects are in the works in Massachusetts with 2 being wind and grid connected. The discussion continued regarding connecting to the grid, stand alone or other methods and the importance of working with the current power supplier.

Mr. Schmidt gave a report on the energy measures, conservation measures and results for the Town of Scarborough, Maine. Their focus has been looking at conservation such as expanded use of LED lighting, creating energy goals, and other energy

options. The Town has been looking into solar, tri-generation, bio-diesel for vehicles, and expanding educational programming to the community. According to Mr. Schmidt the Town is looking at what is the best fit for the community.

Dr. Masi requested to table his presentation until July or August for Westboro, Massachusetts which was granted by the Chair. A discussion of the results of the USM reports with Dr. Masi providing insight to the USM program. USM is also looking at an ice arena mechanical upgrade that could save as much as 50% in operating costs. Dr. Masi brought up Gorham Maine Public Safety Building and a case study that was conducted on their solar generation system as well as battery backup systems. Type and designs of different type of batteries were covered.

Grants:

The committee will look into grants for solar cells through the Department of Energy, as well as a discussion of a Revision Energy's 5kW program for grants to municipalities.

Presentation:

Nathan Lareau provided the Committee with a report that USM students created looking at solar water heating at Donald Richards Pool. The committee also reviewed a presentation package from USM regarding micro-turbine systems. Both reports are available under the resources tab on the Town of Cape Elizabeth website.

Energy report:

Mr. Marles presented the Committee with an energy consumption report for school and town facilities. The reports are available under the resources tab on the Town of Cape Elizabeth website.

Energy Audit:

The Committee discussed the option of having an energy audit conducted on certain school or town facilities. The Committee decided to table selecting a facility but is interesting in obtaining an idea of a cost for energy audit. A motion was made by Mr. Smith that the town explore the costs of energy audits, this was seconded by Dr. Masi and passed in 4 to 0 in favor.

The meeting was adjourned at 9:17pm with a motion from Mr. Smith and was seconded by Ms. Bassett Schwerin. The committee voted 4 to 0 in favor to adjourn.

Respectfully Submitted

Gregory Marles, Director of Facilities and Transportation