



Date: Wednesday, March 14, 2012 9:53 AM
 From: Debra Lane <debra.lane@capeelizabeth.org>
 To: Wendy Derzawiec <wderz@maine.rr.com>
 Subject: Fwd: Alternative Energy Committee meeting date April 5

----- Forwarded message -----

From: **Wyman Briggs** <wymbriggs@maine.rr.com>
 Date: Tue, Mar 13, 2012 at 8:29 PM
 Subject: Alternative Energy Committee meeting date April 5
 To: Greg Marles <gmarles@capeelizabethschools.org>, William Slack <wslack@ameresco.com>, Alan Lishness <alan@gmri.org>, David Whitten <david@resilienthomes.com>, Brian Denison <bdenison@maine.rr.com>, Frank Governali <FGovernali@maine.rr.com>, HoweRobert@maine.rr.com, Tom McInerney <Mac1@maine.rr.com>, michael5nyc@yahoo.com, rfontana@alum.mit.edu, Michael McGovern <cetm@maine.rr.com>, Debra Lane <debra.lane@capeelizabeth.org>

Alt Energy Committee Members,

Our next meeting will be on Thursday, April 5th at 7pm. We'll start off at Greg Marles's office at Cape Elizabeth High School, facilities management, and migrate elsewhere if necessary. Our main topic of conversation will focus on contracting with an Energy Service Contracting Organization to identify and fund further energy conservation measures at the schools and municipal buildings. I've copied an email exchange I had with Mike McGovern a couple of months ago (and forwarded to many of you at that time). It outlines the suggested process we should follow. From this it looks like we need to be focusing on putting together some points to present to the Town Manager and Superintendent of Schools on "Why we should pursue an ESCO?" - if that is our desired course of action. Any input/bullets you can provide to support this presentation would be appreciated. I think we should include what ever estimates we can on potential cost savings as part of this justification.

I look forward to seeing you on April 5th!

Best,

Wyman

-----Original Message-----

From: michael.mcgovern@capeelizabeth.org [mailto:michael.mcgovern@capeelizabeth.org] On Behalf Of Michael McGovern
 Sent: Thursday, December 15, 2011 8:56 AM
 To: Briggs, Wyman
 Cc: Nadeau, Meredith; Greg Marles; Sara Lennon; Frank Governali; Pauline Aportria
 Subject: Re: Alternative Energy Committee ESCO

Dear Wyman,

Thank you for providing more background on the proposed work of the Alternative Energy Committee committee this upcoming year.

I met with Greg Marles on December 6th and he related to me your proposed workplan for 2012 and I agreed that the concept of an ESCO is worth studying. At our meeting, I raised a couple of concerns on whether or not some of our smaller municipal buildings are worth including in the program. No conclusions were reached but Greg was encouraged to look at our buildings and to work with your committee to define the scope of the proposed ESCO.

The town and especially the schools have made substantial improvements in retrofitting and installing new energy infrastructure since the creation of your committee. Much of this came out of your original audit, support from the school board and town council and the work of Ernie at first and then Greg. We also had some good support from Efficiency Maine and from President Obama's stimulus initiative. The framework of all the local efforts was provided by the Alternative Energy Committee.

The model we have used is for the AEC to identify opportunities and to attempt to quantify potential paybacks. As part of this you have looked at financial as well as environmental benefits. The AEC has also worked with Ernie and then Greg to identify potential funding sources for any improvements. While the ESCO process will be somewhat different, the process should still begin with the AEC reviewing options and potential benefits and then preparing a proposal for the elected bodies to consider. The bodies will specifically need to understand the short and long term benefits from having an ESCO. In summary, I see the following process:

- AEC studies option of ESCO
- AEC presents overview and education piece on ESCOs to Superintendent of Schools and Town Manager
- Superintendent and Manager schedule overview for elected officials
- Elected officials authorize proposals to be obtained
- Facilities Director conducts process to obtain proposals at the direction of the Superintendent of Schools with communication with the Town Manager
- AEC reviews all proposals received and makes recommendation to Superintendent and Manager
- ESCO prepares recommendations and they are reviewed by AEC.
- AEC makes recommendation on what to include in a long term commitment with provider firm.
- Any resulting long term agreement would then need affirmative vote of School Board and Town Council.

The above is a long way of answering your comment on desiring an assurance that Meredith Nadeau, myself and the elected bodies are supportive. I believe that we are all inclined to be supportive with the caveat that much analysis is still to be done. In any substantial study there are checkpoints at which assessments need to be made and at which superiors need to be consulted. In this instance the staff and the AEC both have accountability to the elected officials. The road ahead has a few traffic lights and we will need to check their color from time to time.

In addition to the work the committee is planning on the ESCO project, it would also be beneficial to have a report from the committee updating energy usage statistics over the last five years. The report would likely be prepared by staff (Greg) with an initial review by the AEC. I have heard much anecdotal data especially when Ernie was with us. It would be good to look at real numbers involving oil use and kwh using five years ago as a base line and seeing the impacts of changes that have been made. It would also help us to better understand the potential from the ESCO and to assess the risk of assigning shared savings to the ESCO partner.

Thank again for all the committee has done and is doing.

Best wishes for the holidays!

Mike

On Wed, Dec 14, 2011 at 3:49 PM, Briggs, Wyman <Wyman.W.Briggs@uscg.mil> wrote:

Mike,

Thanks for the update. As per the minutes of our last meeting, the Alternative Energy Committee has essentially completed our work in assessing Alternative Energy sources - e.g. Geothermal, wind, natural gas, solar, wood pellets etc. We've identified that wind speeds/consistency are not sufficient to explore further at this time, geothermal is not viable as a retrofit, bio energy/wood pellets has drawbacks and does not offer substantial savings and solar has been adopted at an appropriate level in the Middle School and High School. We've also evaluated and adopted substantial conservation measures including replacement burners at the HS, new controls, more energy efficient lighting, new burners at the pool, etc. To his credit, Greg Marles has been very active/effective in pursuing potential alternatives and conservation efforts.

The Alternative Energy Committee is unanimous in recommending that our most promising focus for the next year is to pursue a competitive contract with an Environmental Service Contracting Organization (ESCO) to achieve additional energy savings over the long term. Several neighboring towns, including South Portland, have been successful in funding and implementing measures that will significantly reduce their energy costs through this mechanism. Again, Greg Marles is very knowledgeable in this process based on his experiences in South Portland. Before the committee invests too much time pursuing this option, I want to ensure the Town of Cape Elizabeth, School Committee, and Town Council are supportive. Also, please let me know directly or through Greg if there are any concerns or constraints we should keep in mind in pursuing this option.

Thanks for all your support.

Best,

Wyman

-----Original Message-----

From: michael.mcgovern@capeelizabeth.org [mailto:michael.mcgovern@capeelizabeth.org] On Behalf Of Michael McGovern

Sent: Wednesday, December 14, 2011 2:55 PM

To: Wyman Briggs

Cc: William Slack; Alan Lishness; David Whitten; Brian Denison; katewh@maine.rr.com; Greg Marles; Frank Governali; Briggs, Wyman; Nadeau, Meredith; Debra Lane

Subject: Re: Alternative Energy Committee Status

Dear Members of the Alternative Energy Committee :

On Monday evening, the Cape Elizabeth Town Council adopted the following motion:

Item # 22-2012 Alternative Energy Committee

Moved by Frank J. Governali and Seconded by James T. Walsh

Ordered the Cape Elizabeth Town Council extends the term of the Alternative Energy Committee from December 31, 2011 to December 31, 2012.

(7 yes) (0 no)

This action followed your comments at your last meeting indicating that you would like to continue to explore energy service options for the Town of Cape Elizabeth.

The Town Council greatly appreciates all that you have done and are doing.

Best wishes for the holidays!

Mike

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Debra M. Lane
Assistant Town Manager & Town Clerk
320 Ocean House Road
P.O. Box 6260
Cape Elizabeth, ME 04107
(207) 799-7665 Fax (207) 799-7141