

## REAC Minutes 6/3/14

Present: Barb, Jason, Jed, Michelle, Pete; Guests: Lucky Asciano, Ania Wright, Claudia King

Approve Last Meeting Minutes - John forgot to put the minutes in the folder for distribution. We will approve next time.

Chair Discussion - Michelle would like to reassume chair responsibilities. John agreed to take on the role of vice chair.

Mason Motz/ Community Center Update - Of 6 items recommended, the plan is to put effect 3. Some of the remaining three are possible to make happen as part of a capital improvement campaign. A summary of the Energy Conservation Measures evaluated, and recommended action on east, is as follow (taken from the energy audit/assessment):

1) ECM-1 Replacing windows throughout the facility- This EMA could be completed at any time without impacting work that is part of the renovation project. This EMC is not recommended to be included in the project because of funding constraints, and because the life-cycle cost analysis showed minimum payback.

2) ECM 2- Replacing existing and supplementing existing roof insulation: while this ECM is not recommended because the life-cycle cost analysis showed no payback, if the Town was to implement this measure it would best be scheduled to be included as an alternate to the base bid work since all of the ceilings will be removed and replaced as part of that work exposing the roof/ceiling are to be insulated. Phasing this work to occur at another time would require removal of new work and become more costly to complete.

3) ECM 3- Replacing storefront entry system: this ECM could be completed at any time without impacting the renovation project. This ECM will not be included in the project because of funding constraints, and because the life-cycle cost analysis showed no payback.

4) ECM 4 Providing additional wall insulation system: This ECM could be completed at any time without impacting the renovation project. This ECM will not be included in the project because of funding constraints, and because the life-cycle cost showed no payback.

5) ECM 5A- Providing a gas-fired boiler system: This ECM was already part of the base bid renovation project and is the recommended system out of the three types evaluated.

6) ECM 5B- Provide a pellet boiler system: This ECM is not recommended due to the high initial investment cost, which includes more extensive building modifications to accommodate this system. This life-cycle cost analysis did not show payback with this ECM.

7) ECM 5C- Provide VFR system with heat pumps: This ECM is not recommended due to the high initial investment cost, which does not show payback over the life cycle of the ECM.

8) ECM 6- Replacing lighting fixtures with LED fixtures: Replacing the existing light fixtures with fluorescent fixtures has been included in the base bid renovation project. This ECM evaluated the option for replacing fluorescent fixtures with LED fixtures. The results of this evaluation showed that the relative cost increase for LED could be partially offset by fewer fixtures needed and rebates current available for LED. Since light fixtures must be replaced at the current time, we recommend that this ECM be included as part of the base bid work. Lucky will e-mail Barbara the report so we can look at how insulation return is calculated.

We should put together a letter expressing support of specific elements to pass on to Nathan. Jed will pass on the audit to Phil Kaplan of Kaplan and Associates, and Claudia will pass it on to Ann Goggin of Goggin Energy to get additional feedback on the alternatives. Kimberly will talk to Nathan about the revolving energy fund. In the next week, Kimberly will write a paragraph about our recommendations surrounding the heating systems to endorse by the committee.

Matrix and Specific Projects - The goal is to restrict our projects to a few things: Complete streets/ sidewalk development, public heat pump installation, municipal inventory/ data collection, home energy fair, interactive/ virtual home tours, movie nights, community networking/ Green Communities.

Review of Municipal Energy Inventory - Kimberly completed a presentation on the municipal energy inventory. Since 2007 there has been an 8.5% reduction in CO2 emissions. The presentations could be given to department heads, but the current version is not meant for the council.

Movie Night - The movie was attended by 17 people. There was a great conversation including a representative from Lamey Wellehan, and Leo Mehue from EcoMaine. We discussed the possibility of having someone come to the June meeting to discuss efforts in Portland. There was talk of taking it on as another project, though it would require strategizing to reduce our load of activities. Ocean Frontiers will be shown Thursday September 25th, Ocean Frontiers 2, October 23rd.