

Net Zero Planning Committee/Green Marblehead Committee April 13, 2022

Approved as amended at 5/16/22 meeting

Present: Brooks Winner, MAPC, Dr. John Buckey, Alexa Singer, Andrew Petty, Becky Curran-Cutting, Mike Hull, John Livermore, Eileen Mathieu, Louise Yarmoff

Committee resumed review of Marblehead Net Zero Roadmap Action List spreadsheet.

Review and ranking of Key Impactful Actions:

#71 Green space as a carbon sink: *More detail needed* recommendation

#72 change the title to: Develop a Tree Planting and Maintenance Program /Urban Forestry
Maintenance Plan: Med-High

#73 Marine economy diversification, increased aquaculture to help sequester carbon: Medium

#74 Reuse water: High

#75 Compost: High

#76 Phase out Single Use Plastic: High

#77 Protect and expand wildlife areas and tree canopy: redundant to #73

#78 Community Gardens : Medium

#79 Encourage Personal Farming : Medium

#80 Provide Residents with Carbon Footprint Tool: High

#81 Urban Heat Island Effect: similar to #72

#82 Advocate to use Federal Funding to provide funding for incentive programs: High

Mike Hull:Connected Homes/Next Zero program (MMWEC) may help finance electrification

#83 Divest Town from Fossil Fuels: No

#84Town Wide Ban on Gas and Diesel Powered Landscaping equipment to be phase in over 5 yrs: High

EPA and Air pollution issues should cause the state and Feds to mandate, but also CO2 emissions are significant

#85 Hire Sustainability Manager: High Becky and Andrew talked about regional coordinator, getting MVP action grant, Brooks regional is good, however plenty of work for full time person

in one town, regional collaborative positions work well too, Eileen, concerned that because Marblehead is not a green community and is a Muni Town, overlap with nearby towns like Swampscott or Salem or Ipswich will be difficult because of the particular situation of Marblehead, we cant apply for grant that Green Community Designated towns can, we are not a gateway city, etc.

#86 Town Employee who responds when someone needs consultation on new heating system: NO

#87 Green Jobs Training through local Voc schools and Community Colleges: High (maybe already happening at Essex Tech)

#88 No

#89 Focus on providing resources for low and moderate income residents: incorporate into #82 on financing for electrification

#90 Educate Contractors: High

could this be promoted by Site Plan review under Planning Dept or Building Department, or does it need to start with architects and contractors, because by the time someone comes for site plan review or to pull a permit, the plans are complete. Possibly having a checklist or questionnaire that contractor should fill out before starting to plan a renovation, catch at planning stage. Reviewer has to avoid being obstructive.

#91 Create Educational resources for Residents about how to reduce emissions in their homes.

when doing additions or new homes/what changes produce what reduction in emissions; suggest this be incorporated into #90: High

Green Marblehead Committee should produce these resources. Mayb annual fair or show to bring contractors together to showcase the newest green technology

#92 No See informational resources above in # 91

#93 Become a Green Community: High/Medium vs No: Currently, recommendation is stated as "Consider becoming a Green Community if issues can be resolved"

Discussion:

Eileen: the reason that Green Marblehead Committee was formed by the Selectmen in 2018 was that at Town Meeting May 2018, the Town voted to adopt the Stretch Code so that we could join Green Communities. However in August of 2018 MMLB voted NOT to levy the Renewable Energy Surcharge of approximately 30 cents/month (approximately \$3.60/year per household). Payment of the Renewable Energy Surcharge, would allow Marblehead to apply to become a Green Community. Once we are designated a Green Community, we can apply for up to \$240,000 a year in grants which can help the schools

modernize their roofs, their AC, their boilers, their kitchens, and help the police, fire, highway department weatherize their buildings to reduce energy use, to purchase energy efficient vehicles including Ford 150's or hybrid Police cruisers, install energy efficiency thermostats, motion sensing lighting, high efficiency windows, etc. Thus the entire Municipal fleet and Buildings would profit from Marblehead becoming a Green Community, and this would save Marblehead fuel and electricity costs going forward, so costs avoided would be significant.

Mike Hull: MMLB feels that 2 issues prevent applying for Green Community Designation:

- 1) because it is an irrevocable commitment,
- 2) if the town wanted to stop being a Green Community it would have to pay back any monies it had received,

MMLB is uneasy about joining and is working with State Reps/Senators to change the language so that it would not be "in perpetuity" and there would not be a penalty for withdrawing in the future.

Brooks: will talk further with both to see what to recommend.

#95 Promote Education and Awareness of EV's: ? recommendation

Next meeting Thursday May 5, at 3-5 PM

Review updated version of Key Impactful Actions

Plan how to get this back out to the town

Timeline for the process

Meeting adjourned at 5:00 PM

Respectfully submitted by Eileen Mathieu May 5, 11:35 AM