

Net Zero Green Marblehead Committee meeting Nov 4 2021

[Approved 1/6/22](#)

Attending:

Brooks Winner, MAPC, Chair;

Alexa Singer, Selectwoman;

Jason Silva, Town Administrator;

Becky Curran Cutting, Town Planner;

Andrew Petty, Board of Health Agent;

Stephen Poulos, Town Finance Manager;

John Livermore+ Eileen Mathieu, Sustainable Marblehead;

John Albright

Brief discussion about Carbon Calculators and whether we should provide them to people.

Brooks pointed out that we need to write a plan for the community, for community wide action, which will make making these decisions to reduce their individual Carbon Footprint easier, more affordable, for EVERYONE, so we need to figure out what levers to pull such as zoning rules, systemic changes in rates and types of electricity, stretch building code has to be updated.

Next Steps:

Survey for townspeople who missed the Net Zero Workshop, or want to add some new ideas, will be on the Town Website once Brooks finishes writing it.

We need to create and review a list of preliminary Actions and Strategies to get to our goal of net zero.

Discussion about electric school buses, Beverly pilot program, using buses in the summer as V2G (Vehicle to Grid) technology to reduce the peak, each bus earns \$200 per peak event as long as it is plugged in to the grid from 3-7 on peak demand days; there were 30 peak events in summer 2021 so each bus earned the city \$6000 dollars. Highland Fleets at HighlandFleets.com

Alexa Singer asked what the lifespan of a Town Vehicle is; Andrew Petty thought municipal vehicles averaged 10 years. We raised questions if electric vehicles have fewer moving parts, perhaps would have more longevity that might offset the initial additional cost of an EV.

Brooks mentioned that MAPC (Metropolitan Area Planning Council) is offering Net Zero Training. It will be happening from 11-1230 on Nov 22, Monday .

Also <https://mapc.ma/AARCTrainingMAPC-ma-aarc> has 90 minute training videos x 3; Brooks cautioned that many funds relating to Mass SAVE and Mass CEC may not be available to Marblehead because we have not chosen to become a Green Community and we are served by MMLD, a Municipal Light Plant.

Commented [WB1]: Changed this link.

Minutes from October 7 meeting were approved, after a motion to do so, with a few modifications suggestions. Brooks will incorporate the corrections and modifications and then send to Kyle Wiley, Selectmen's Assistant.

Brooks will post the material from the Net Zero workshop: including Recording/ pdf of slides/ copy and paste sticky notes into a virtual whiteboard/ will attempt a more complicated summary of all the ideas that came out of the breakout groups

Also Brooks will complete the draft of the Town-wide survey to be posted on Town Website and in the survey, will provide link to the "postcards from the future" that people wrote at the Net Zero Workshop and will add Q/A under each diagram, and improve the pie chart to show emissions per BTU, from oil, gas, electricity as part of the energy supply question.

Once the survey is done and approved by Jason and Becky, it will be sent out through social media, and to stakeholders through existing groups, such as parents teacher associations, schools, youth groups, neighborhood associations such as Shipyard Neighborhood association etc, Council on Aging, low income family housing,

Jason Silva has a podcast "Marblehead on the Move", he will interview Brooks Winner for an episode.

Other suggestions included engaging other stakeholders such as fishermen, tradespeople (?Gerry 5), Harbor and Waters Board, Barbara Warren and the team doing resiliency planning, the planning board or whoever has developed other plans such as Complete Streets, Housing; Sustainable Marblehead groups such as Clean Energy, Tree, Harbor, Conservation, Bike Marblehead; Marblehead Conservancy,

After draft of Net Zero Plan is ready, some of these same groups need to be re-approached by a "Net Zero Road Show" to acquaint them with the draft and solicit any ideas.

Brooks presented the Town of Acton draft climate action plan, as a model. It lists actions within the direct control of the Town of Acton. It contains categories: priorities, urgency, time frame, funding/financing, scale of impact, feasibility, who would accomplish them, (town, citizens).

Brooks proposed that he would start a draft list of similar issues for Marblehead based on the Net Zero workshop. He suggested that we develop a similar list but whittle down the options and balance the options to have the most impact. He invited our input. Alexa asked if we could have a copy of an

anonymized version of the other town's draft action plan, to review how they prioritized and what they included. He said he would anonymize and send a sample document, model for us.

He suggested that we prioritize the actions that we develop based on impact on emissions, what will have the biggest reduction in emissions.

Any recommendations should be crafted to include equity

Becky Curran Cutting suggested that we find out what rules are included in the road map plan from the state, which should be changing code and stretch code and also how green buildings are defined: LEED certified, passive house, etc

John Livermore asked if we could send items and suggestions to Brooks to be included, to start to populate the grid of actions. Brooks welcomed such a list.

Next meeting of Green Marblehead Committee, Net Zero Planning: Dec 2, from 3-430 PM.

Submitted by Eileen Mathieu

November 9, 2021