

Minutes for July 7, 2020 YARMOUTH ENERGY COMMITTEE (1)
REMOTE PARTICIPATION MEETING

PRESENT: Marilyn Holle, Joyce Flynn, Susan Starkey, Steve Gavin, Bob Palmeri,
Mike Duffy, Sandra Cashen

ABSENT: Steve Krintzman

TOWN STAFF: Tara Monroe, Assistant Assessor

PUBLIC: Barry Margolin
Jim Wolf

Joyce Flynn called the meeting to Order at 4:35.

Motion to approve remote meeting was unanimously approved.

Minutes for the June meeting were unanimously approved.

GEORGE ALLAIRE SCHOLARSHIP: Due to the Covid-19 virus the available classes this summer were limited. Next year a decision will be made regarding giving the award to either one or two students who will be selected to attend the program.

CAPE LIGHT COMPACT - CLC: Joyce Flynn reported that anyone signing up for either a full house or virtual energy audit by 7/31/20 could receive incentives up to \$4,000.00. Meeting minutes may be viewed at <https://www.capelightcompact.org/> or to join the remote meeting this site will have the ZOOM meeting ID. Anyone who wishes to make public comments shall submit them in writing to the Compact Administrator, Maggie Downey, at mdowney@capelightcompact.org

CAPE & VINEYARD COOPERATIVE – CVEC: Steve Gavin informed the committee that Parcel E at the Warehouse Road location set-back issue request needs to be reduced to allow for solar panels. The Health Department and the Department of Transportation are involved as the site is near the Route 6 exit. Jeff Colby is overseeing the Senior Center work and is pursuing solar panels through Round VI for the new DPW building. Maria Marasco began working at CVEC on 7/1/20. Liz Argo will be staying on for six months...

SOLARIZE PLUS GRANTS: Sandra Cashen continues to work on a website design and a webpage with either a link to the Energy Committee or possibly standalone webpage. Bob mentioned that he has several email IDs which could be converted for use with this page. Wellfleet has gone through a Solarize Plus Program and much of the outer Cape has experience with this effort. David Fox could be a resource to provide images for the website. Bourne related that it was a longer task which took over two years. Having a local company may be preferable to become part of the RFP for installers as they have competitive rates and their response to any maintenance issues would be faster. Bob Palmeri said that lead time to place information on the Senior Center Milestones requires that the committee should have a clear plan of events ahead of time. This is made more difficult due to the center being closed due to Covid-19 with no information regarding a possible opening.

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YARMOUTH ENERGY COMMITTEE ANNUAL OPERATING PLAN - FY 2021:

This plan which contains the various tasks referenced below may be accessed by using the link:

<https://www.yarmouth.ma.us/DocumentCenter/View/13611/Final-EC-2021-Annual-Operating-Plan>

Mike Duffy said that no one had contacted him with regard to tasks 1 - 3 which have been assigned to Energy Committee members for the Five Year Plan of goals, which he interprets as acceptance. Task 4 had been assigned to Tom Baron to explore converting the links golf course to solar panels. General consensus that a committee member might be in a better position to explore this.

Steve Gavin said that he would contact Dan Knapik to review the number of individuals who would need to provide input and acceptance for this proposal. This would include legal input, finance committee, the Golf Enterprise Committee, and town meeting approval before having the state legislature condone it, which most likely will take up to 2 years to achieve. With regard to Task 1, in order to track the number of EV vehicles registered in the town of Yarmouth a usage baseline must be established to determine increases. Tara has been exploring ways to capture this statistic. She advised the committee that driver protection laws prohibit using registration data.

YCAN – YARMOUTH CLIMATE ACTION NETWORK: Barry described two petitioned articles for the fall town meeting that are being circulated by a local volunteer network. One is a resolution of support for the Energy Committee's strategy for Solarize Yarmouth Plus as well as its expanded agenda for community outreach around energy conservation, electric vehicles and energy efficiency. The second is a by-law to require that at the first stage in design of any future town public building project, the designers be assigned to evaluate the long term economic costs and benefits as well as the emissions impact of a net zero emissions design alternative. The text of both petitions is attached to these minutes.

Next meeting: August 4, 2020 4:30 PM as a ZOOM meeting. Adjourn at 6:17

In accordance with Massachusetts General Laws c. 39, § 10, and §47-2 of the By-Laws of the Town of Yarmouth, the undersigned registered voters of Yarmouth, Massachusetts request the insertion of the following Article on the Warrant for the Fall 2020 Special Town Meeting of Yarmouth, Massachusetts:

To see if the Town will vote to adopt the following resolution:

Be it resolved that:

WHEREAS, the Town of Yarmouth recognizes the urgency of reducing greenhouse gas emissions in order to mitigate the threats posed by climate change to the safety and economic well-being of the residents of the Town, as well as the economic benefits to local residents and businesses of increased energy efficiency and renewable energy supplies:

NOW, THEREFORE, the Town:

- (1) endorses the upcoming Solarize Yarmouth Plus program which will be offered to residents of Yarmouth in 2021 in conjunction with the Massachusetts Clean Energy Center and the Massachusetts Department of Energy Resources, and encourages all residents to consider the opportunity to install rooftop solar panels and air source heat pumps for heating and cooling, all of which would reduce greenhouse gas emissions while providing financial savings to residents;
- (2) urges the Yarmouth Old Kings Highway Historic District Committee, in conformity with the requirement of the Old Kings Highway Historic District Act that the Committee “shall consider the energy advantage of any proposed solar and wind device”, to approve the installation of rooftop solar panels to be installed as part of the Solarize Yarmouth Plus program in any portion of the Old Kings Highway Historic District in which overhead utility lines or rooftop satellite television receivers are now lawfully permitted, so long as such solar panels would be aligned with existing rooflines;
- (3) encourages all residents to take advantage of opportunities to improve energy efficiency and energy conservation in their homes through participation in the energy efficiency audit programs offered through the Cape Light Compact;
- (4) encourages all residents to take advantage of opportunities to transition to electric vehicles and the lower operating costs and cleaner environment associated with them;
- (5) encourages commercial and industrial property owners and condominium associations to explore opportunities to improve energy efficiency and install renewable energy facilities for long term cost savings and reduced greenhouse gas emissions;
- (6) encourages the Yarmouth Energy Committee to engage in outreach and education to assist residents and businesses to access opportunities for renewable energy, energy efficiency, electrification of transportation, heating and cooling, and related strategies for reducing greenhouse gas emissions in our community.

In accordance with Massachusetts General Laws c. 39, § 10, and §47-2 of the By-Laws of the Town of Yarmouth, the undersigned registered voters of Yarmouth, Massachusetts request the insertion of the following Article on the Warrant for the Fall 2020 Special Town Meeting of Yarmouth, Massachusetts:

To see if the Town will vote to adopt the following as a general by-law and to insert it into the Code of the Town of Yarmouth, Massachusetts:

Evaluation of economic impacts, energy use and emissions of Capital Facility Projects.

1. Definitions.

- a) Capital Facility Project: any Capital Facility Project as defined in Section 1 of Chapter 7C of Massachusetts General Laws.
- b) Design recommendation: any master plans, studies, cost estimates, programs, drawings, plans or specifications prepared for a Capital Facility Project as part of Design Services as defined herein.
- c) Design Services: any Design Services as defined in Section 44 of Chapter 7C of Massachusetts General Laws, and which not exempted from the jurisdiction of the State designer selection board pursuant to Section 46(e) of Chapter 7C of Massachusetts General Laws.
- d) Economic Impact: the estimated long term financial costs and benefits including costs of initial development of the Capital Facility Project and the present value of projected future operating expenses for the Capital Facility Project.
- e) Efficiency Code: the 2021 International Energy Efficiency Code applicable to non-residential buildings as promulgated and most recently updated by the International Code Council.
- f) Emissions Impact: the estimated long term impact on total emissions of greenhouse gases resulting from development and operation of the Capital Facility Project.
- g) Greenhouse Gases: Gases that trap heat in the atmosphere as defined by the United States Environmental Protection Agency including carbon dioxide, methane, nitrous oxide and fluorinated gases.
- h) Zero Code: the Zero Code Renewable Energy Appendix to the Efficiency Code as incorporated in Code Change Proposal CE264-19 submitted by the American Institute of Architects or as subsequently adopted and incorporated into the Efficiency Code by the International Code Council.

2. Required Provisions of requests for proposals for Design Services.

- a) Economic Impact Evaluation of Design Recommendation: Every request for proposals for Design Services for any Capital Facility Project which is issued by any instrumentality of the Town shall require that any Design Recommendation include at least one alternative which would be fully compliant with both the Efficiency Code and the Zero Code, together with evaluation of the Economic Impact of such compliant Design Recommendation in comparison to the Economic Impact of any alternative included in the Design Recommendation which would be non-compliant with any requirement of the Efficiency Code or the Zero Code.
- b) Emissions Impact Evaluation of Non-Compliant Design Alternatives: In the event that the Design Services result in a Design Recommendation which would not be fully compliant with both the Efficiency Code and the Zero Code, the Design Recommendation shall include a comparison of the Emissions Impact of the non-compliant design alternative to the Emissions Impact of the fully compliant design alternative; and shall further evaluate the relative Economic Impact and relative Emissions Impact of each major design element related to energy generation or consumption which would enable assessment of lower-emission alternatives to such non-compliant Design Recommendation.