

CAPE/ISLAND-WIDE ENERGY COMMITTEES MEETING

6/7/18 Meeting Notes

Meeting started at 5:30

Liz Argo, CVEC Manager, thanked everyone for attending and gave logistics information like restrooms, etc.

CLC Board Chair Joyce Flynn, thanked everyone for attending and said she would like to have similar meetings twice per year

Moncreiff Cochran, President of Cape Cod Climate Change Collaborative (5Cs), told the group about the 5C's round table scheduled for September 28th, 2018.

The Town Energy Committees Reports:

Aquinnah – William Lake – small town with 350 voters. Put solar on capped landfill through Vineyard Power, produce more than town uses. Pursuing Green Communities (GC) with Margaret Song and Seth Pickering, will go to selectmen soon.

Barnstable – Allison Alessi - working on green communities, but energy committee may be eliminated by Town Council. They were headed to a meeting with Town Council to discuss their future.

Bourne – Bob Schofield – 10th year of energy advisory committee. Have covered 85% of municipal load with Blue Wave solar, less than 9.5 cents/kWh. Have 240 kW of solar on town buildings, have a private solar farm that supplies skating rink and residential homeowners. Have put about 250 solar PV systems in Bourne. Have working landfill, so can't install solar on it. Working to get another solar farm to cover last 15% plus municipal campground. Trying to get Green Communities, but building inspector doesn't support it. Selectmen may now have some interest.

Brewster – Chuck Hanson – looking into Green Communities (after a couple false starts), have support of TM, met with M Song and S Pickering to start process. Also looking in to solar canopies for golf course, talking to a few vendors

Chatham – Not present

Chilmark – Rob Hannemann – Underway with Green Communities, at front end of process. Will complete next FY. Also pursuing 100% renewable initiative across Island, by next Spring.

Dennis – John Benker – working on Green Communities, want to bring it to town meeting in fall, have started collecting data, also interested in solar canopies

Eastham – Mike Lorenzo – lease of town land for battery storage, solar on library, no committee yet but working on it

Edgartown – Not present

Falmouth – Paul Raymer – Falmouth moving slowly, stretch code was rejected at town meeting – need to find the few influential builders and explain that it isn't really any more work/paperwork. Interns did solar assessment last summer. Go Green Falmouth Facebook Page is now live

Oak Bluffs – Richard Toole – pursuing Green Communities, awaiting CVEC solar array for fire station and working with CLC on town hall, working w Vineyard Power and Vineyard Wind

Orleans – Jim Hungerford – solar has been operational for 2 years, signed up with Borrego for NMC offtaking from Freetown. Capital plan involves 3 major projects: Police, DPW, Wastewater treatment system. These will impact energy usage. Working on GC with Margaret Song. Have adopted stretch code at town meeting. Want to get the rest done by the end of the year.

Harwich – Larry Cole – has been urging town to get in to GC. Seth has presented to BoS. Have support from Town Administrator. Both GC articles passed, no argument about stretch code. Hope to be eligible for grants in the fall. M Song is helping town. CLC funded Peregrine study for town building improvements. Some are in capital plan, hope that GC grant will pay for EE items that CLC can't pay for. Examining plans for new E Harwich fire station to make sure EE is integrated.

Sandwich – Betty Hyde-McGuire – town rep for CVEC for Sandwich. No energy committee in Sandwich

Tisbury – Bill Straw – have been GC for a couple of years. Struggled to spend the money – close to spending first grant of 140k converting police dept. to heat pumps, changing boiler in library. Working to change other buildings to instant hot water. Have 1.2 MW of solar on landfill. Would like to build municipal microgrid with battery storage, buy out solar array, repopulate with “denser” panels.

Wellfleet – Dick Elkin – Became GC 3 years ago, working on 20% decline. Also working to understand total usage of town (inc. non-municipal) buildings. Voted to be net-zero in long term, working towards that. One component is installing more solar – led to Outer Cape Solarize with 3 other towns. Expect 100-150 signed contracts. 3 parts – solar, heat pumps (“carbon replacement technologies”) (teamed with Self-Reliance), and energy efficiency (teamed with CLC). Put out an RFP and accepted proposal from Ameresco to put solar on capped landfill. 180% of town usage, need offtaker for 80% - trying to match 90 – 95% of usage.

W. Tisbury – Sue Hruby – Have been GC since 2012 and are almost done with projects. Have benefitted tremendously. Was able to include streetlight conversion, benefitted from CLC energy efficiency for buildings, got 140k from state and probably another 140k from CLC. Have made the goal @ 21% improvement as of this year. Would like to do something similar to Outer Cape Solarize.

Rob Hannemann of Chilmark explained the impetus for the newly created Vineyard Sustainable Energy Committee. One goal is to get all communities on the island to be Green Communities

Yarmouth – Joyce Flynn – passed Green Communities at Town Meeting though BOS were not in favor of warrant article. Offered to talk about Green Communities with other towns. Mentioned help from Margaret in explaining stretch code benefits to a selectman, and also help from other Yarmouth Energy Committee (YEC) members. YEC is now more about general information committee rather than the previous narrow mission. Bob Palmeri holds office hours and helps people with questions about energy and their electric bills. Have annual STEM scholarship for a rising 8th grader. Mentioned that Yarmouth has a lot of solar installations, including D-Y system(s).

Liz mentioned Mon's 5Cs conference again for sake of island attendees

Liz received question about battery systems. Liz explained the proposed Eversource battery proposals for Wellfleet and the Martha's Vineyard, and the CVEC battery storage grant at DY high school. Maggie explained about the Wellfleet project. Lili Greene asked about the process, Maggie explained that details were not available from Eversource at this point but local permits would likely need to be pulled.

Lili Green asked Bill Straw about the instant hot water project. Bill explained that it was on a facility-by-facility basis, and the town would realize lots of savings. Colin Odell warned about potential demand charge implications.

Robert Shapiro was struck that municipalities are a relatively small part of the story in terms of total usage, and that that was part of the idea behind outer cape solarize. However, solarize is not as "scientific" as MEI – interested in how to collect better data about whole usage, and this would make sense to do across all of Cape Cod, across other sectors.

Bill Straw – asked about getting town energy usage numbers. Liz explained that CVEC and CLC have some of that data

Jim Hungerford – reported on having asked Seth Pickering what happens 5 years after GC begins in a town if you don't make it? S Pickering says you don't have to give the money back. B Straw said he had a similar experience in his town.

Liz noted that Jen Rand said going GC was complex, but that M Song helped them figure it out

[Question was asked if there was a list or map of communities that have adopted stretch code. Map was shown from https://www.mass.gov/files/documents/2018/05/24/stretch-code-towns-adoption-by-community-map-and-list_0.pdf](https://www.mass.gov/files/documents/2018/05/24/stretch-code-towns-adoption-by-community-map-and-list_0.pdf)

[The other part of the question was on who has already been designated. The map is https://www.mass.gov/files/documents/2017/12/21/map-summary-green-communities-210.pdf](https://www.mass.gov/files/documents/2017/12/21/map-summary-green-communities-210.pdf)

Liz brought up the Cape Cod Commission (CCC) Regional Policy Plan (RPP) and the need to participate in creating the energy section (asked for by Barnstable). Liz asked if there was anyone present who wanted to be involved (CCC invited). Joyce Flynn, Rosemary Dreger Carey, Steve Krintzman, and Gordon Starr volunteered.

Liz brought up the Eversource rate case and noted CVEC's position and involvement. Maggie noted the Monthly Minimum Reliability Charge (MMRC) being imposed 1/1/2018, and recommended PV installation before then if possible.

Joyce brought up idea of doing the meeting of energy committees annually rather than twice per year, but the group wanted to meet twice per year. Next one will likely be in late October.

Richard Andre gave an update on Vineyard Power Cooperative (approximately 1500 households & businesses are members) and also Vineyard Wind. Helped shaped process of location of Bureau of Ocean Management (BOEM) leases, and got feds to recognize community benefits. Also worked with state on the offshore wind procurement policies. Vineyard Wind was awarded 800 MW contract, well on the way to permitting completion. Largest PPA for offshore wind in the world. Expect construction approval next April, will likely start construction in early 2020 and commercial operation in late 2021.

Two proposed landing locations – Lewis Bay in Yarmouth and Hovells’ Beach in Barnstable, will be decided by Energy Facility Sitings Board (EFSB). Will hire local workers and train local students. Project will be a net exporter of power (more than Cape and Vineyard use). Mentioned winter storm that required oil burning at canal plant, and that it could have been prevented had Vineyard Wind been online at that time. Mon asked how the group could be helpful. Richard responded that support around the landing point would be appreciated. Question was asked about who decides landing location. Richard answered it was EFSB.

L Green asked about infrasound and low-frequency noise and if there was any research about how it impacts marine mammals and right whales. Richard offered to point her to the research that had been done and noted that no turbine had ever killed a whale, but climate change had.

Maggie brought up ideas for next EE 3-year plan, including active DR and small-scale battery storage.

Joyce asked what happens to power coming from Vineyard Wind. Maggie explained that the power was contracted for under MGL (Mass General Law) and that EDCs (Electric Distribution Companies) benefit. Explained there were no extra megawatts (MWs) right now from Vineyard Wind for the Cape Light Compact, or any other entity, to enter into a Power Purchase Agreement. Chuck Hanson noted that it was still green power coming on to the Cape.

GB Brigham noted that a “score-card” to summarize towns’ accomplishments and goals would be a helpful addition for the next All-Energy Committee Meeting.

ATTENDEES:

Joyce Flynn	CLC Board Chair
Maggie Downey	CLC Executive Director
Austin Brandt – CVEC Director	CLC Senior Power Supply Planner
Margaret Song	CLC C&I Programs Manager
Liz Argo	CVEC Manager
Moncrieff Cochran	CCCC President
William Lake	Aquinnah
Alison Alessi	Barnstable
Peter Doyle	Barnstable
Jan Rapp	Barnstable
Stephen Thomas	Barnstable
Gordon Starr	Barnstable
John Boyh	Barnstable
Dale Saad	Barnstable
Bob Schofield – CLC Director	Bourne
Gray Curtis	Bourne
Chuck Hanson – CVEC Director	Brewster
Peter Soule	Brewster
Colin Odell – CLC Director	Brewster
Rich Wolf	Brewster

Rob Hannemann – CVEC & CLC Director	Chilmark
John Benker	Dennis
Susan Klein	Dennis
Mike Lorencio	Eastham
Rosemary Dreger Carey	Falmouth
Paul Raymer	Falmouth
Larry Cole – CVEC Director	Harwich
Barry Worth	Harwich
Valerie Bell – CLC Director	Harwich
Charlie Czech	Harwich
Richard Toole – CVEC Director	Oak Bluffs
Jim Hungerford	Orleans
Kevin Clements	Orleans
Martin Culik – CLC Director	Orleans
Bill Straw	Tisbury
Robert Shapiro	Wellfleet
Gorham Brigham	Wellfleet
Dick Elkin – CLC Director	Wellfleet
Chuck Cole	Wellfleet
Lili Green	Wellfleet
Joyce Flynn – CLC President	Yarmouth
Sandy Cashen	Yarmouth
Steve Krintzman	Yarmouth
Bob Palmeri	Yarmouth
Marilyn Holle	Yarmouth
Susan Starkey	Yarmouth
Mike Duffy	Yarmouth
Richard Andre	West Tisbury
Sue Hruby - CLC Director	West Tisbury
Nicola Blake	West Tisbury
Richard Elrick	Public ⁵⁰