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## CVEC UPDATE

12.22.20

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 **Happy Holidays!!!!!! CVEC wishes you peace, happiness and health in 2021!**







 **CVEC's 32 existing photovoltaic (PV) projects installed as part of CVEC Rounds 1 – 3 now provide over 33,888,000 kilowatt hours of renewable energy a year, enough to power 4,784 homes. Meanwhile, of the new CVEC Round 4 projects, the Monomoy High School PV roof mount has now been given permission to operate, with the Sandwich Police Station solar canopy ready for permission to operate, and the Brewster Captain's Course Driving Range and the Harwich Cranberry Valley golf course projects nearing completion. When Round 4 and 5 are completed, CVEC's portfolio will grow to 77 projects (21 with battery storage) able to deliver 57MW of power.**




 **Battery at DY High School:** With the contract for the state's \$1.4M Community Clean Energy Resilience Initiative grant delivered to CVEC in October, and with

negotiations completed with the selected EPC developer, Ameresco, development of **the battery system for the DY Regional High School** (a regional emergency shelter) will commence. The initial grant was delivered in 2014 and it has been a long process to get to development commencement. As the first step, the **battery equipment will be ordered**, with manufacturing to take 30 weeks (7 months). During this waiting time, civil permitting and interconnection permission will be secured. Mobilization of the installation crew is anticipated in late 2021.

-  **Round 6 PV/Storage Initiative:** With the contracting of CVEC's Round 5 completed, CVEC will move quickly on a Round 6 PV/Storage Initiative to keep leveraging the better state and federal government incentives that continue to decline. **Interested parties** are encouraged to **contact Maria Marasco, CVEC Deputy Director, at 508-619-7691** to discuss PV and storage solutions for governmental entities. At this time there are 21 potential projects in line for development under the Round 6 RFP, including 2 microgrids (Eastham & West Tisbury). A chart of potential projects can be found at the end of this update.
-  **EV Cars & Stations:** CVEC continues to offer electric car / charging station implementation for our members. Fifteen charging stations and ten electric cars have been secured by CVEC for our members under the Massachusetts EVIP incentive program. **Interested parties** should reach out to **Maria at 508-619-7691** or at [mmarasco@cvecinc.org](mailto:mmarasco@cvecinc.org).
-  **ECCI (Energy Committees of the Cape and Islands):** For the second 2020 bi-annual ECCI meeting sponsored by CVEC in conjunction with the Cape Light Compact and the Cape Cod Climate Collaborative, the invitation list was expanded to include Climate focused committees, activists, non-profits, etc., including the Cape Cod Commission, Cape & Islands Self Reliance and the National Seashore. The meeting was convened to create a comprehensive charting of all organizations' activities and missions to avoid redundancy and to provide ease of access. A deliverable will be made available in early 2021, detailing the various organizations missions and activities. Meanwhile a video of the meeting is available here: <https://youtu.be/DnD7ychtCkw>. The energy committees reported out first, followed by the organizations starting their reports at 1:13:00.
-  **Alternative On Bill Credits and Net Metering Credits:** CVEC's expansive database and access to towns' Massachusetts Energy Insight data allows CVEC to manage and effectively distribute to members' advantages the various forms of credits provided by the state for renewable energy development. In true Cooperative fashion, CVEC provides credit management that best benefits all members and governmental entity participants; avoiding any one town being burdened by oversubscription and allowing towns with less development opportunity benefits from

shared credits. To further its management of credits against usages, in November CVEC received approval by DOER, DPU and Eversource to utilize Alternative On Bill Credits and Net Metering Credits against accounts with cashed-out net metering credits. This approval opens up municipalities and schools for better credit management and further PV/storage development under CVEC.

 **Expanded membership:** To continue to expand CVEC's PV/storage development services to serve more off-Cape & islands towns, CVEC has reserved a "booth" in the annual Massachusetts Municipal Association (MMA) meeting. MMA recognizes that CVEC offers a unique opportunity for municipalities and school districts, etc. that seek alternative energy and storage. By participating in a CVEC bundled RFP, participants benefit at little cost from proven CVEC expertise, existing forms of contract, and passed on economies of scale. It is a model worth replicating across Massachusetts.



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<b>CVEC ROUND 6 SUMMARY - AS OF 12.21.20</b>	<b>Description of Project</b>
Chilmark new EMS Building	BTM Roof with Battery
Dennis Highlands	BTM Solar Canopy over Parking Lot with Battery
Duke's County Administration Building	BTM Roof-Mount and/ or Carport Canopy w/Battery
Duke's County Courthouse	BTM Carport Canopy with Battery Storage
Duke's County Martha's Vineyard Center for Living	BTM Roof-Mount PV with possible Battery Storage
Duke's County Martha's Vineyard Healthcare Access	TBD
Eastham Town Hall Campus	Roof-mount and/or Carport Canopy with Battery (microgrid)
Martha's Vineyard Airport-Fire Rescue Roof	BTM Roof-mount PV and Battery
Martha's Vineyard Airport-Canopies	BTM Solar Carport Canopies with Battery
Oak Bluffs - new Town Hall	BTM Roof-mount PV and Battery Storage
Orleans DPW	BTM Roof-mount PV and Battery Storage
Sandwich Active Living Center	BTM Roof-mount PV and Battery Storage
Tisbury Senior Center	BTM Roof-mount PV and Battery Storage
Truro Capped Landfill	Ground Mount for <b>Community Solar</b>
West Tisbury Public Safety Building	Roof-mount PV and Battery Storage (Resilience) (microgrid)
West Tisbury Library	Roof-mount PV and Battery Storage (Resilience)
Yarmouth DPW	BTM Metal Roof-mount PV (no battery)
Yarmouth Fire Station 3	BTM Solar Carport Canopy (no battery) if can add
Yarmouth Police Station	BTM Roof-mount PV and Battery Storage
Yarmouth Septage	BTM Ground mount PV if can add to Parcel E
Yarmouth Town Hall	Roof-mount PV (Replace) with Battery
Oak Bluffs Fire Station	Battery Storage only to go with existing PV
Chatham Fire Station	Battery Storage only to go with existing PV
Provincetown VMCC	Battery Storage only to go with existing PV
Yarmouth Fire Station #1	Battery Storage only to go with existing PV
Eastham Library	Battery Storage only to go with existing PV
Aquinnah Capped Landfill	Power Sale to offtaker
Truro: Offtaker for Altus Power Purchase	Power Sale to offtaker