# Cape Light Compact JPE Executive Committee & Governing Board Meeting

DATE:

Wednesday, April 21, 2021

TIME:

2:00-4:30 p.m.

Note: The meeting will be held through remote participation pursuant to Massachusetts Governor Charles D. Baker's Order Suspending Certain Provisions of the Open Meeting Law on March 12, 2020. Members of the Public can join in by audio and follow along with Meeting Materials, see the information below. All public comments should be submitted to Maggie Downey, Compact Administrator, at <a href="mailto:mdowney@capelightcompact.org">mdowney@capelightcompact.org</a> by 2:00 PM on Tuesday, April 20, 2021 and should follow the public comment protocol below. Public comments received after the April 20<sup>th</sup> deadline will be distributed prior to the Compact's next Board meeting.

Telephone dial-in: +1 (646) 558-8656

Meeting ID: 867-3604-3434

Further instructions are attached to this agenda.

#### **AGENDA**

- 1. Public Comment Written Only
- 2. Approval of March 10, 2021 Open Session Minutes
- 3. Chairman's Report, Martin Culik
  - A. Update Compact Legislative Matters Such as Remote Participation
- 4. Overview of Climate Bill, Jeff Bernstein
- 5. Energy Efficiency:
  - A. Discussion Potential Vote on April Draft of MA Statewide 2022-2024 Energy Efficiency Plan, Maggie Downey and Phil Moffit
  - B. Continuation of Demand Response Discussion and Potential Vote on Eligible Technologies, Austin Brandt
  - C. Marketing Update: Compact Website and Quarterly Letters to Member Towns, Dan Schell
- 6. Administrator's Report, Maggie Downey
  - A. Any Questions on Monthly Operating and Energy Efficiency Budgets. May Presentation by Comptroller
  - B. Staffing Update
  - C. Office Space RFP
- 7. Board Member Update (Reserved for Updates on Member Activities the Chair Did Not Reasonably Anticipate Would be Discussed No Voting)
- 8. Open Session Vote on entry into Executive Session pursuant to M.G.L. c. 30A §21(a)(3) and (10) to (1) review and approve executive session minutes which contain discussions regarding pending or imminent regulatory litigation and trade secrets and confidential, competitively-sensitive or other proprietary power supply information related to a proposed Low-Income Community Solar project (when the release of the discussion would have a detrimental effect on the Compact's negotiating position); and (2) to discuss pending or imminent regulatory litigation and trade secrets and confidential, competitively-sensitive or other proprietary power supply information related to a proposed Low-Income Community Solar project, not to return to open session thereafter. Participation in the Executive Session is limited to CLC Board Members, CLC Staff and Invited Guests

#### Chairman's Public Comment Protocols for the April 21, 2021 Compact Governing Board Meeting

The Chair, pursuant to his authority under G.L. c. 30A, §20, and consistent with Governor Baker's Emergency "Order Suspending Certain Provisions of the Open Meeting Law, G.L. c. 30A, §20," issued on March 12, 2020, announces the following protocols to assist the public in effective participation in the April 21, 2021 Compact Board meeting, where all Board Members, staff and members of the Public shall be participating remotely:

- 1. All public comments shall be submitted in writing to the Compact Administrator, Maggie Downey, at <a href="mailto:mdowney@capelightcompact.org">mdowney@capelightcompact.org</a> by 2:00 PM on Tuesday, April 20, 2021. Written comments must include a person's name and, if appropriate, the name of the organization the person is representing. Public comments received after the April 20<sup>th</sup> deadline will be distributed prior to the Compact's next Board meeting.
- 2. Public comment must be respectful, courteous, and presented in a dignified manner. All remarks must also be free of personal attacks.
- 3. All public comments consistent with these protocols shall be included in the Compact's Board meeting packet.
- 4. Board members and staff shall not respond to public comment during the Compact's Board meeting.
- 5. Copies of the Board meeting packet shall be made available to members of the public on Wednesday, April 21, 2021 at the Cape Light Compact JPE's web site at <a href="www.capelightcompact.org">www.capelightcompact.org</a> Documents exempt from disclosure pursuant to the Public Records Law or protected by the attorney-client privilege shall not be included.

# Cape Light Compact JPE Governing Board Meeting Minutes Wednesday, March 10, 2021

Pursuant to Massachusetts Governor Charles D. Baker's Order Suspending Certain Provisions of the Open Meeting Law on March 12, 2020, the Cape Light Compact JPE Board of Directors met on Wednesday, March 10, 2021 at 2 p.m. The meeting was held through a Zoom videoconference for members of the Board with audio call-in available for members of the public.

#### Participating Remotely Were:

- 1. Forrest Filler, Aquinnah
- 2. Peter Doyle, Barnstable Alternate
- 3. Robert Schofield, Executive Committee, Bourne
- 4. Colin Odell, Executive Committee, Brewster
- 5. Peter Cocolis, Chatham
- 6. Timothy Carroll, Executive Committee, Chilmark
- 7. Erik Peckar, Dukes County
- 8. Alan Strahler, Edgartown
- 9. Ronald Zweig, Falmouth
- 10. Valerie Bell, Harwich
- 11. Richard Toole, Executive Committee, Oak Bluffs
- 12. Martin Culik, Chair/Executive Committee, Orleans
- 13. Nathaniel Mayo, Provincetown
- 14. Leanne Drake, Sandwich
- 15. Jay Grande, Tisbury Alternate
- 16. Bob Higgins-Steele, Truro Alternate
- 17. Richard Elkin, Executive Committee, Wellfleet
- 18. Sue Hruby, West Tisbury
- 19. Joyce Flynn, Vice Chair/Executive Committee, Yarmouth

#### **Absent Were:**

- 1. David Anthony, Secretary/Executive Committee, Barnstable
- 2. Brad Crowell, Dennis
- 3. Fred Fenlon, Eastham
- 4. Wayne Taylor, Mashpee
- 5. Kirk Metell, Tisbury
- 6. Jarrod Cabral, Truro

#### **Legal Counsel Participating Remotely:**

Rebecca Zachas, BCK Law, P.C.

#### **Staff Participating Remotely:**

Austin Brandt, Senior Power Supply Planner Maggie Downey, Administrator Melissa Allard, Senior Administrative Coordinator

#### **Public Participants:**

None.

Martin Culik called the meeting to order at 2:02 PM.

#### Open Session Vote on entry into Executive Session pursuant to M.G.L. c. 30A §§21(a)(3) and (10) to discuss matters below, to return to open session:

Martin Culik at 2:02 PM moved to enter into Executive Session pursuant to M.G.L. c. 30A §21(a)(3) and (10) to (1) review and approve executive session minutes which contain discussions regarding pending or imminent regulatory litigation and trade secrets and confidential, competitively-sensitive or other proprietary power supply information related to a proposed Low-Income Community Solar project (when the release of the discussion would have a detrimental effect on the Compact's negotiating position); and (2) to discuss pending or imminent regulatory litigation and trade secrets and confidential, competitively-sensitive or other proprietary power supply information related to a proposed Low-Income Community Solar project, to return to open session thereafter. Seconded by Tim Carroll.

Forest	Filler	Aquinnah	Yes
Peter	Cocolis	Chatham	Yes
Tim	Carroll	Chilmark	Yes
Ron	Zweig	Falmouth	Yes
Valerie	Bell	Harwich	Yes
Richard	Toole	Oak Bluffs	Yes
Martin	Culik	Orleans X	Yes
Nate	Mayo	Provincetown	Yes
Leanne	Drake	Sandwich	Yes
John	Grande	Tisbury	Yes
Bob	Higgins-Steele	Truro	Yes
Richard	Elkin	Wellfleet	Yes
Sue	Hruby	West Tisbury	Yes
Joyce	Flynn	Yarmouth	Yes

Motion carried in the affirmative (14-0-0)

Robert Schofield, Colin Odell, and Alan Strahler joined meeting at 2:05 PM.

Peter Doyle joined meeting at 2:20 PM.

#### **Return to Open Session**

At 2:52 PM, Martin Culik asked for a motion to end executive session, moved by Robert Schofield, seconded by Ron Zweig.

Forest	Filler	Aquinnah	Yes
Peter	Doyle	Barnstable	Yes
Robert	Schofield	Bourne	Yes

#### Draft Minutes subject to correction, addition and Committee/Board Approval

Colin	Odell	Brewster	Absent
Peter	Cocolis	Chatham	Yes
Tim	Carroll	Chilmark	Yes
Alan	Strahler	Edgartown	Yes
Ron	Zweig	Falmouth	Yes
Valerie	Bell	Harwich	Yes
Richard	Toole	Oak Bluffs	Yes
Martin	Culik	Orleans	Yes
Nate	Mayo	Provincetown	Yes
Leanne	Drake	Sandwich	Yes
John	Grande	Tisbury	Absent
Bob	Higgins-Steele	Truro	Yes
Richard	Elkin	Wellfleet	Yes
Sue	Hruby	West Tisbury	Yes
Joyce	Flynn	Yarmouth	Yes

Motion carried in the affirmative (16-0-0)

#### **PUBLIC COMMENT:**

There were no members of the public present, and no public comments were submitted to the Board in writing under the public comment guidelines.

#### **APPROVAL OF MINUTES:**

The Board considered the February 10, 2020 Open Session Meeting Minutes.

Peter Cocolis moved the Board to accept the minutes as amended and to release them as amended, seconded by Ron Zweig.

Forest	Filler	Aquinnah	Yes
Peter	Doyle	Barnstable	Yes
Robert	Schofield	Bourne	Yes
Colin	Odell	Brewster	Yes
Peter	Cocolis	Chatham	Yes
Tim	Carroll	Chilmark	Yes
Erik	Peckar	Dukes County	Yes
Alan	Strahler	Edgartown	Yes
Ron	Zweig	Falmouth	Yes
Valerie	Bell	Harwich	Yes
Richard	Toole	Oak Bluffs	Yes
Martin	Culik	Orleans	Yes
Nate	Mayo	Provincetown	Yes
Leanne	Drake	Sandwich	Yes
John	Grande	Tisbury	Yes

#### Draft Minutes subject to correction, addition and Committee/Board Approval

Bob	Higgins-Steele	Truro	Yes
Richard	Elkin	Wellfleet	Yes
Sue	Hruby	West Tisbury	Yes
Joyce	Flynn	Yarmouth	Yes

Motion carried in the affirmative (19-0-0)

#### CHAIR REPORT:

#### 1. Update on Plan to Contact Legislative Delegation Regarding Remote Participation

Martin Culik stated that he and Counsel have prepared a letter to send to Senator Cyr requesting that joint powers entities be allowed to revise the quorum requirements to allow remote participation to count towards a quorum. Martin noted that Vineyard members lose their entire day to attend a 2 and half hour monthly Board meeting and some Cape Board members have a 100-mile round-trip drive. The letter requests a meeting with the Senator on this subject. He asked if anyone would like to participate in the meeting with the legislative delegation. Erik Peckar, Sue Hruby, Nate Mayo, and Joyce Flynn stated they would join. Martin Culik stated that the Compact would start with Julian Cyr and if it gets some traction move on from there.

#### **ENERGY EFFICIENCY: DISCUSSION ON 2021 MAIN STREETS EFFORT:**

#### 1. Overview of Process and Key Themes for the MA Statewide 2022-2024 Energy Efficiency Plan, Maggie Downey

Maggie Downey stated that the Compact is required under Massachusetts General Laws to submit a statewide Massachusetts electric energy efficiency plan. Staff has been preparing the draft for the next 3-year plan, with the utility Program Administrators.

Maggie Downey reviewed the Draft 2022-2024 Massachusetts Energy Efficiency Plan (EEP) PowerPoint. She stated that the 2022-2024 EEP will have three priority statewide goals: (1) equity, (2) strategic electrification; and (3) workforce development. The Compact will also be resubmitting its Cape and Vineyard Electrification Offering (CVEO) unless it is approved by the Department of Public Utilities before the October 31, 2021 filing deadline.

Richard Elkin asked if the Compact's Energy Efficiency Plan should be saying energy efficiency and greenhouse gas reduction. Maggie Downey stated that the Green Communities Act requires that the Compact pursue all cost effective measures. The larger utility program administrators (PAs) are using that to pursue high efficiency heating systems. The Compact plans to serve moderate income customers with enhanced incentives for heat pumps with the goal of moving customers off oil and propane and onto cleaner fuels. This is the definition of strategic electrification. Richard Elkin asked if the climate bill would affect the filing. Maggie Downey stated that she does not believe it will affect the April 30<sup>th</sup> filing but it will affect the October filing.

Richard Elkin stated that the Compact is not aware of how much delivered fuel (oil and propane) is being used on Cape Cod. Maggie Downey stated that the Cape Cod Commission and others are working on this as part of their Climate Plan. She stated that on Martha's Vineyard the only fuel source for heating systems is oil, propane or electric and on the Outer Cape it is the same. She stated that the Compact will have targets on heat pump installations in the EEP, but it will take several years to get customers who can and are willing to move off a deliverable fuel and install a heat pump. Erik Peckar stated Martha's Vineyard is working on figuring out the

#### Draft Minutes subject to correction, addition and Committee/Board Approval

baseline of what the deliverable fuel usage is as it works to become 100% renewable by 2040. He stated that Vineyard Commission has essentially finished an Excel modeling document and is willing to share with the Board.

Maggie Downey reviewed the likely program changes in the 2022-2024 EEP. She stated that the Compact will no longer be installing lighting/LEDs as part of the Residential Home Energy Assessment, except for Income Eligible customers. There will no longer be incentives for LEDs because it is no longer cost effective, and the market has transformed (residential energy efficiency lighting is now the baseline). Incentives for oil heating systems will cease for market rate customers under the energy efficiency program. Moderate income customers will be offered enhanced incentives for heating systems. She stated that the Compact will mostly likely see a new all-electric construction offering as well.

Maggie Downey reviewed what changes may be happening on the C&I side. She stated that these changes might be enhanced incentives based upon equity, weatherization incentives for small businesses, more electrification incentives, and decreases in what lighting measures are offered. Colin Odell asked how likely it is that the Compact will be able to maintain cost effective programs without lighting. Maggie Downey stated that the Compact is looking to claim more Non-Energy Impacts (NEIs). She stated that evaluation consultant for the EEAC has approved that the Compact/Program Administrators can claim a third of the NEIs that are given to low income measures for moderate income measures. She stated that a lot of the savings are dependent upon the NEIs and so far, everything is cost effective at the sector level.

Maggie Downey stated that staff will be developing the Compact's preliminary budget and savings goals which the Board will vote on at the April Board Meeting.

#### 2. Continuation of Demand Response Discussion and Potential Vote on Eligible Technologies, Austin Brandt

Austin Brandt stated that he has not been able to gather the information the Board asked for on existing generators on Cape Cod and Martha's Vineyard yet. He stated that he sent requests to a state agency and Eversource. He hopes to have the information for the next Board meeting.

#### ADMINISTRATOR'S REPORT:

#### 1. Any Questions on Monthly Operating and Energy Efficiency Budgets

Maggie Downey asked if there were any questions on the budget reports in the packet. There were no questions.

#### 1. Spring MA Maritime Interns

Maggie Downey stated the Compact has another Massachusetts Maritime intern, Anna Deely, for the spring. Anna Deely is working with Phil Moffitt on the evaluation program.

#### 1. April Board Meeting Date Changing to April 21st

Maggie Downey stated that the April Board meeting is being moved to April 21<sup>st</sup> as there is an Energy Efficiency Action Council (EEAC) meeting on April 14<sup>th</sup>.

#### Tim Carroll left meeting at 3:40 PM.

#### **ADJOURNMENT:**

Motion to adjourn made at 3:45 PM moved by Colin Odell, seconded by Robert Schofield.

Forest	Filler	Aquinnah	Yes
Peter	Doyle	Barnstable	Yes
Robert	Schofield	Bourne	Yes
Colin	Odell	Brewster	Yes
Peter	Cocolis	Chatham	Yes
Erik	Peckar	Dukes County	Yes
Alan	Strahler	Edgartown	Yes
Ron	Zweig	Falmouth	Yes
Valerie	Bell	Harwich	Yes
Richard	Toole	Oak Bluffs	Yes
Martin	Culik	Orleans	Yes
Nate	Mayo	Provincetown	Yes
Leanne	Drake	Sandwich	Yes
John	Grande	Tisbury	Yes
Bob	Higgins-Steele	Truro	Yes
Richard	Elkin	Wellfleet	Yes
Sue	Hruby	West Tisbury	Yes
Joyce	Flynn	Yarmouth	Yes

Motion carried in the affirmative (18-0-0)

Respectfully submitted,

Melissa Allard

#### **LIST OF DOCUMENTS AND EXHIBITS:**

- Meeting Notice/Agenda
- February 10, 2020 Draft Meeting Minutes
- 2020 Operating Budget
- 2020 Energy Efficiency Budget
- Draft 2022-2024 Massachusetts Energy Efficiency Plan PowerPoint

# HIGHLIGHTS OF AN ACT CREATING A NEXT-GENERATION ROADMAP FOR MASSACHUSETTS CLIMATE POLICY

4/21/2021

#### KEY CONCEPTS/EFFECTIVE DATE

- ▶ Represents the Commonwealth's commitment to achieve Net Zero emissions in 2050.
- ► Furthers efforts to combat climate change.
- ► Furthers environmental justice efforts.
- ► Generally effective as of June 24, 2021 (unless separate date provided in the bill for particular provision).

# AMENDMENTS TO THE GLOBAL WARMING SOLUTIONS ACT ("GWSA")

- Secretary of EEA must adopt interim statewide greenhouse gas ("GHG") emissions limits.
  - ► For 2025, 2030, 2035, 2040, 2045 and a statewide limit for 2050 that achieves at least net zero statewide GHG emissions.
  - ▶ The cap in 2050 must be at least 85 percent below what the level was in 1990. The interim 2030 limit must be at least 50 percent below the 1990 level and the interim 2040 limit must be at least 75 percent below the 1990 level.
- Secretary must issue a "roadmap plan" for each limit.
  - ► Each roadmap is to be consistent with the others, cumulative in effect and constructed to realize the 2050 statewide limit.
- Secretary must adopt sector-based statewide GHG emissions sublimits.
  - ► For: (1) electric power, (2) transportation, (3) commercial and industrial heating and cooling, (4) residential heating and cooling, (5) industrial processes and (6) natural gas distribution and service.

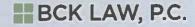
#### AMENDMENTS TO THE GWSA CONT'D

- ▶ GWSA intersection with statewide energy efficiency.
  - Secretary must set a goal for the three-year energy efficiency plans (expressed in tons of carbon dioxide equivalent) for the plan's "necessary contribution" to meeting each statewide GHG emissions limit and sublimit adopted by the Secretary.
  - ► The roadmap plans must include a quantification of the emissions reductions to be realized due to the electric and gas energy efficiency programs of the Massachusetts PAs.



# AMENDMENTS TO THE GREEN COMMUNITIES ACT ("GCA")

- ▶ Statewide energy efficiency plans must be constructed to meet or exceed the "necessary contribution" goal set by the Secretary.
  - ► Each plan must include an estimate of the social value of GHG emissions reductions that will result from the plan.
  - ► Each plan must include a numerical value of the plan's contribution to meeting each statewide GHG emissions limit and sublimit set by statute or regulation.
  - ▶ After the final year of each plan, DPU must identify the degree to which the plan met the goal set by the Secretary.
  - ► The EEAC may approve projects in a plan that have substantial benefits in reducing GHG emissions.



#### AMENDMENTS TO THE GCA CONT'D

- ▶ PA Quarterly Reports to the EEAC must now include a quantification of the degree to which the plan contributes to meeting the GHG emission limits and sublimits imposed by statute or regulation.
- ▶ DPU cost-effectiveness review of statewide energy efficiency plans must consider the social value of GHG emissions reductions in the calculation of program benefits.
  - Not required when converting from fossil fuel heating and cooling to fossil fuel heating and cooling.
- MassCEC must implement a clean energy equity workforce and market development ("EWMD") program.
  - ► The EWMD program will be funded through an annual payment of at least \$12 million from the electric and gas PAs.



#### **DPU PRIORITIES DEFINED**

- ▶ DPU priorities in discharging its statutory responsibilities (in energy efficiency and beyond) now expressly include:
  - safety;
  - security;
  - reliability of service;
  - affordability;
  - equity; and
  - reductions in GHG emissions to meet statewide GHG emissions limits and sublimits established pursuant to the GWSA.

#### CODES AND STANDARDS DEVELOPMENTS

- DOER may develop a municipal opt-in specialized stretch energy code.
  - ▶ Developed in consultation with the State Board of Building Regulations and Standards ("State Board"). The code will be part of the specialized construction codes incorporated in the state building code.
- ▶ The State Board membership will increase from 11 to 15 members, with the Commissioner of DOER now a member of the State Board.
  - ► The State Board must now contain experts in commercial and residential energy efficiency and advanced building technology.
- New appliances are added to the testing, certification and enforcement of efficiency standards under the Massachusetts Appliance Efficiency Standards Act.

#### **ENVIRONMENTAL JUSTICE CONSIDERATIONS**

- Changes to Massachusetts Environmental Policy Act ("MEPA") process
  - Must consider the public health impacts of projects located near environmental justice populations.
  - ▶ Enhanced public participation requirements (documents in various languages, translation services at public hearings).
- The Governor will appoint an environmental justice council
  - Council will advise and provide recommendations on relevant policies and standards to achieve environmental justice principles.

# EQUITY AND LOW-INCOME CUSTOMER CONSIDERATIONS

- DOER solar incentive programs must incorporate concepts of equitable access, solar access and affordability for low-income communities and effective consumer protection provisions.
- ► The Secretary will control a grant program to provide solar energy technology to non-profits that provide food security, homeless shelter and other similar services.
- Municipalities at high risk from the effects of climate change may allow electric or gas distribution companies to build solar energy (and solar with energy storage) facilities.
  - ▶ Intended to improve community climate adaptation and resiliency or contribute to meeting the carbon emissions limits of the GWSA.
  - ▶ DPU pre-approval is necessary for distribution company cost recovery of these facilities; for this program each distribution company may own up to 10 percent of the total installed MW capacity of solar in the Commonwealth as of July 31, 2020 (over 2,500 MW as of 2019).

#### **SOLAR NET METERING AND AOBCS**

- <u>Market</u> net metering credits from solar facilities (late 2016 forward) may be allocated to customers of any distribution company (no longer limited by distribution company service territory or load zone).
- ▶ DOER and DPU must allow the <u>owner</u> of a new SMART Alternative On-Bill Credit ("AOBC") solar facility that reaches commercial operation on or after January 1, 2021 to:
  - (1) receive AOBCs for electricity generated by the facility that exceeds the owner's usage during a billing period, with credits applied to the customer's account and carried forward month to month;
  - (2) designate customers of the same distribution company (regardless of ISO-NE load zone) to receive the credits in amounts attributed by the solar facility, with such credits applicable to any portion or all of the designated customer's electric bill; and
  - (3) direct the distribution company to purchase all or a portion of any credits produced by the facility at the rates provided for in the statute, regulation or tariff without discount, fee or penalty.



#### SOLAR AND WIND PROPERTY TAX EXEMPTION

- ▶ The solar and wind property tax exemption is expanded as follows:
  - An owned or leased solar, wind or solar or wind system co-located with energy storage capped at producing no more than 125 percent of the annual electric needs of the real property where it is located ("real property" is defined to include contiguous or non-contiguous property under common ownership within the same municipality);
  - A solar, wind or solar or wind system co-located with energy storage that is equal to or less than 25 kilowatts or less (with independent verification of system capacity); or
  - A solar or wind system or energy storage system, or a combination of solar or wind with energy storage, that has entered into an agreement for payment in lieu of taxes ("PILOT") with the municipality where the system is located.
- Exemption is for 20 years but may be extended by written agreement of the system owner and the municipality.
- Systems that are located on public and other non-taxable entity property are exempt from taxation if sized according to the criteria.
- DOR will issue guidance by March 24, 2022 to address how to assess solar, wind and energy storage systems, standardization of PILOT agreement terms and, where feasible, standardization of tax policy when PILOT agreements are not in place.

#### **MISCELLANEOUS**

- ▶ The RPS is amended to: (1) require an additional two percent of sales each year through December 31, 2024; and (2) require an additional three percent of sales each year after 2024 until December 31, 2029 (this is a new provision), followed by an additional one percent of sales every year thereafter.
- ▶ By June 24, 2023, EEA and its agencies and departments must conduct a study that considers GHG emissions from various categories and classes of biomass fuels and related public health consequences and impacts.
- MassCEC must administer a heat pump market development program through 2025 to fund and train heating oil dealers to expand markets for space and water heating using efficient heat pump technology.
- DPU may authorize one or more pilot projects for gas company development of utility scale renewable thermal energy.
- ▶ Each Municipal Light Plant is required to establish a GHG emissions standard.
- ► The distribution company offshore wind long-term contracting authority under Section 83C of the GCA expands from 1600 MW to 4000 MW.

# Cape Light Compact JPE 2022-2024 Energy Efficiency Plan

April 21, 2021



## **2022-2024 EEP Schedule**



- March 10 Discuss Plan Priorities
- April 21 Compact Board votes on First Draft of Proposed
   2022-2024 Energy Efficiency Plan (EEP)
- April 30<sup>th</sup> Compact and Utility Program Administrators presents draft EEP to the state Energy Efficiency Advisory Council
- May September Compact staff continue to refine EEP
- September Compact Board finalizes proposed 2022-2024 EEP Program and Budgets
- October 29, 2021 Compact files EEP with the Department of Public Utilities

### 2022-2024 Energy Efficiency Plan Key Priorities

#### Equity

- Targeting Moderate Income (61%-80% of State Median Income)
- Increasing Participation for Customers with Limited English Proficiency

#### Strategic Electrification

- Focus on Delivered Fuels and Greenhouse Gas Reductions
- Cold Climate Heat Pump Goals for residential and commercial sectors

#### Workforce Development

- Clean Energy Pathways Administered by Community Based Organization (CBO)
- Paid internship program Pairs participants with local vendors
- One program in Compact service territory: Focus on HVAC or Insulation



#### Cape Light Compact Enhancements

Cape and Vineyard Electrification (CVEO)

## **Equity**



- 100% insulation incentives to our renter and moderateincome customers
- Up to \$7,000 to address pre-weatherization barriers (i.e., knob and tube, vermiculite)
- Enhanced incentives for heating systems when paired with weatherization (if needed)
  - 80% of installed costs for Heat Pumps when displacing oil, propane or electric resistance heating systems
  - 70% of installed costs for replacing non-condensing to condensing natural gas and propane heating systems
- Main Streets and other targeted small business enhancements for Cape & Vineyard Environmental Justice Communities

## Strategic Electrification: Residential



- Introduction of a heat pump contractor network.
- Continued workforce development and training to increase contractor comfort in recommending and installing heat pumps.
- Targeted outreach to customers whose homes have already been weatherized.
- Introduction of New Construction Path-to-Zero.
- Increased installation of heat pumps to delivered fuel customers in income-eligible programs.

## Strategic Electrification: C&I



- Introduction of a small commercial heat pump offering that mirrors the established Residential Sector's offering.
- Continued workforce development and training to increase contractor comfort in recommending and installing heat pumps.
- Increased engagement with manufacturers, distributors, and installers to better characterize the scenarios in which heat pumps are being installed and to streamline the application process.
- Evaluation results may impact the ability to offer substantial commercial weatherization services to a broader audience.
- Increased technical assistance and financial support for customers constructing new buildings minimizing overall energy consumption.

# **Workforce Development**



- Clean Energy Pathways Internship Program
  - Targets 18–24-year-olds from backgrounds underrepresented in the energy efficiency workforce: multilingual, people of color, women.
  - Provides paid training and placement with an existing energy efficiency business
  - Offers a new path for full employment in the energy efficiency workforce
- Expand Collaboration and Funding to MA Clean Energy Center (CEC): \$12M
- Review and revise procurement practices to increase the number of certified Minority, Women and Veteran owned businesses contracting and subcontracting in energy efficiency program

## **Cape & Vineyard Electrification**



- Objectives
  - 250 total non-gas heated participants, tiered services by income: Low-income (up to 60%), moderate income (61-80%)
    - Enhanced incentives for all three measures for customers below
       81% of SMI
  - Convert oil, propane, electric resistance heat to cold climate heat pumps
  - Install PV systems to support electrification of heating system and reduce GHG emissions
  - Install battery storage for demand response
- Addresses the upfront cost barriers

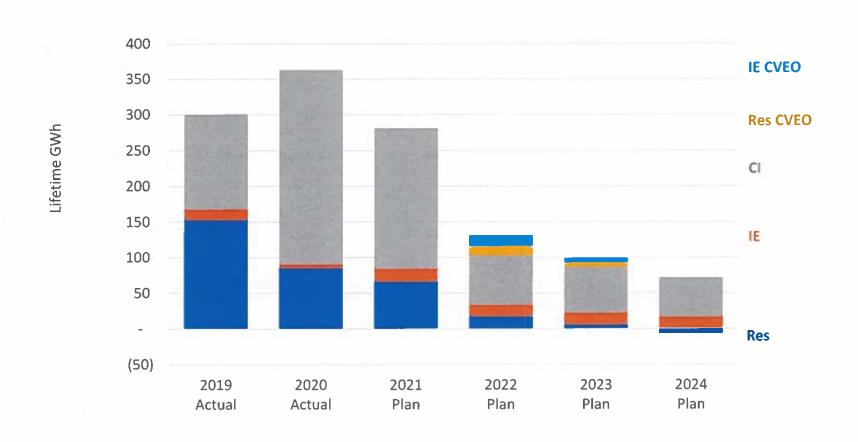
# **Investment in Priority Areas**



Priority Area (\$M)	2022	2023	2024	2022-24	% Total 2022-24
Equity	\$6.2M	\$6.7M	\$7.4M	\$20.3M	11%
Strategic Electrification	\$9.5M	\$10.9M	\$12.2M	\$32.6M	18%
Workforce Development	\$0.9M	\$1.0M	\$0.9M	\$2.8M	2%
CVEO	\$6.8M	\$4.2M	\$0.5M	\$11.5M	6%
Total	\$23.5M	\$22.7M	\$21.0M	\$67.2M	37%

# **Preliminary Savings Goals - GWh**

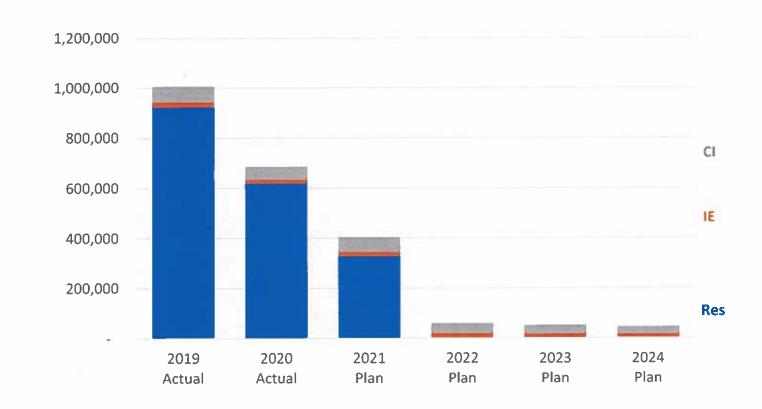




# Lighting

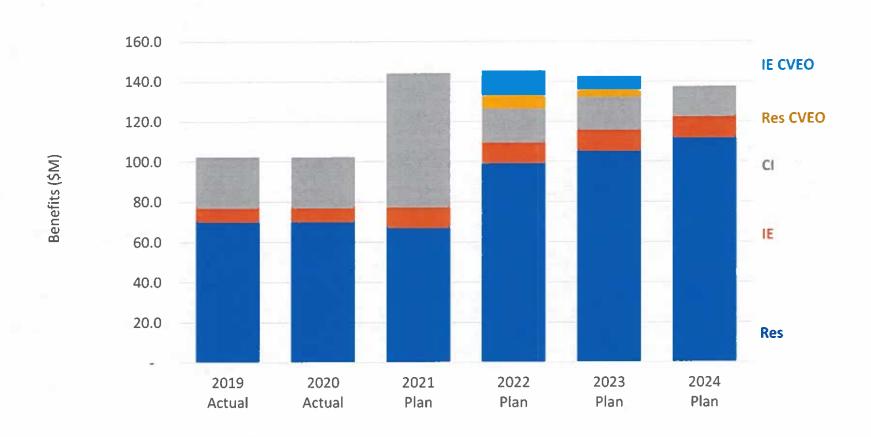


Lighting Quantity



# **Preliminary Savings Goals - Benefits**

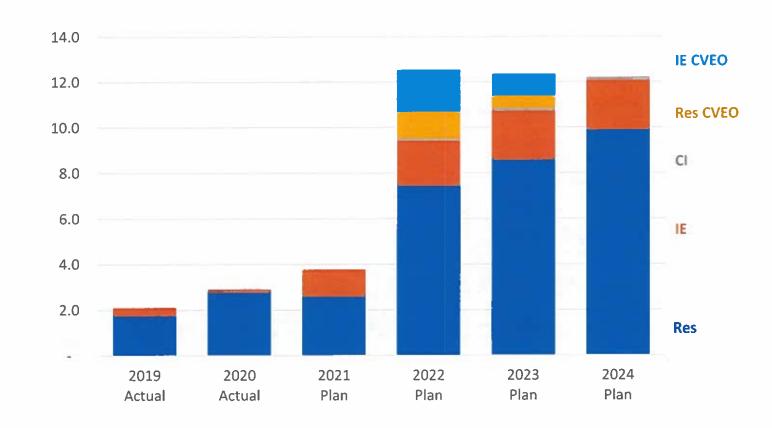




# **Heat Pumps**

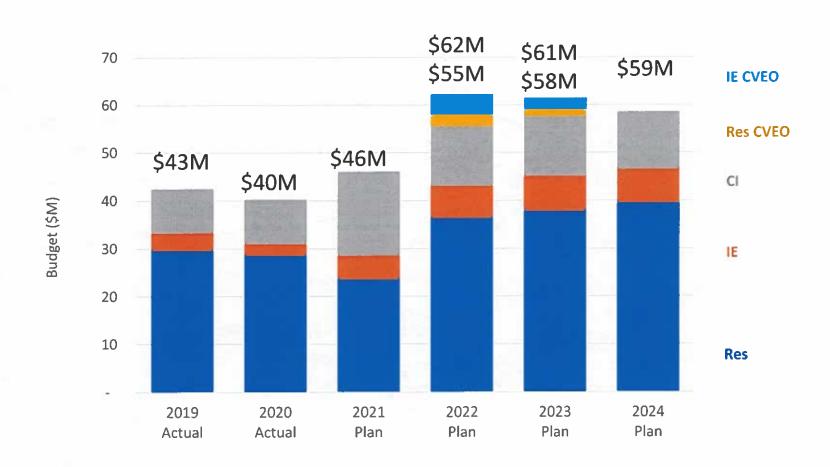






# **Proposed Budget**





# **Benefit / Cost Ratio**



Benefit-Cost Ratio							
Sactor	2019	2020	2021	2022	2023	2024	
Sector	Actual	Actual	Plan	Plan	Plan	Plan	
Without CV	EO						
Res	1.9	1.8	2.3	2.3	2.4	2.4	
IE	1.8	1.5	2.1	1.6	1.5	1.5	
C&I	2.5	3.8	3.7	1.3	1.3	1.2	
Total	2.0	2.2	2.8	2.1	2.1	2.1	
With CVEO	With CVEO						
Res			-	2.3	2.4	2.4	
IE				1.9	1.7	1.5	
C&I				1.3	1.3	1.2	
Total				2.1	2.1	2.1	

# Cost per kWh



\$/Lifetime k	<b>cWh</b>					
Sector	2019	2020	2021	2022	2023	2024
Sector	Actual	Actual	Plan	Plan	Plan	Plan
Without CV	ΈΟ					
Res	0.19	0.34	0.36	2.10	6.54	(5.82)
IE	0.25	0.43	0.28	0.42	0.44	0.42
C&I	0.07	0.03	0.09	0.18	0.20	0.22
Total	0.14	0.11	0.16	0.54	0.67	0.90
With CVEO						
Res			00.70	1.29	3.38	(5.84)
IE				0.35	0.41	0.44
C&I				0.18	0.20	0.22
Total				0.48	0.62	0.91

# **Cost per MMBTU**



\$/Lifetime N	MMBTU					
Sactor	2019	2020	2021	2022	2023	2024
Sector	Actual	<b>Actual</b>	Plan	Plan	Plan	Plan
Without CV	EO					
Res	12	14	12	15	15	15
IE	23	32	31	32	35	33
C&I	11	3	32	23	24	26
Total	13	7	17	17	18_	18
With CVEO						
Res				15	15	15
IE				26	31	35
C&I				23	24	26
Total				18	18	18

# **Bill Impacts - Residential**



Residential (R-1) - Without CVEO

Years	EERF		Energy Conservation		Avg. Monthly Usage (kWh)		Total Cost (per month)
2019	\$0.02028	+	\$0.00250	X	516	=	\$11.75
2020	\$0.02162	+		Х		=	\$12.45
2021	\$0.02579	+		X		=	\$14.60
2022	\$0.03179	+	-	X		=	\$17.69
2023	\$0.03555	+		X		=	\$19.63
2024	\$0.03761	+		X		=	\$20.70

Residential (R-1) - With CVEO

Years	EERF		Energy Conservation		Avg. Monthly Usage (kWh)		Total Cost (per month)
2019	\$0.02028	+	\$0.00250	Х	516	=	\$11.75
2020	\$0.02162	+		Х		=	\$12.45
2021	\$0.02579	+		Х		= _	\$14.60
2022	\$0.03588	+		Х		=	\$19.80
2023	\$0.03793	+		X		=	\$20.86
2024	\$0.03792	+		X		=	\$20.86

# Bill Impacts – Income Eligible



Low Income (R-2) - Without CVEO

Years	EERF		Energy Conservation		Avg. Monthly Usage (kWh)		Total Cost (per month)
2019	\$0.00005	+	\$0.00250	X	488	=	\$1.24
2020	\$0.00167	+		Х		=	\$2.03
2021	\$0.00148	+		Х		=	\$1.94
2022	\$0.00253	+		Х		=	\$2.45
2023	\$0.00292	+		Х		=	\$2.64
2024	\$0.00280	+		х		=	\$2.59

Low Income (R-2) - With CVEO

Years	EERF		Energy Conservation		Avg. Monthly Usage (kWh)		Total Cost (per month)
2019	\$0.00005	+	\$0.00250	Х	488	=	\$1.24
2020	\$0.00167	+		Х		=	\$2.03
2021	\$0.00148	+		Х		=	\$1.94
2022	\$0.00419	+		Х		=	\$3.26
2023	\$0.00389	+		Х		=	\$3.12
2024	\$0.00292	+		Х		=	\$2.64

# Bill Impacts - C&I



#### C&I Small General Service (G-1) - Without CVEO

Years	EERF		Energy Conservation		Avg. Monthly Usage (kWh)		Total Cost (per month)	Avg. Monthly Usage (kWh)		Total Cost (per month)
2019	\$0.00214	+	\$0.00250	Х	400	=	\$1.86	10,800	=	\$50.11
2020	\$0.01210	+		х		=	\$5.84		=	\$157.68
2021	\$0.01085	+		х		=	\$5.34		=	\$144.18
2022	\$0.01533	+		Х		=	\$7.13	-	=	\$192.56
2023	\$0.01751	+		х		=	\$8.00		=	\$216.11
2024	\$0.01756	+		Χ		=	\$8.02		=	\$216.65

#### C&I Small General Service (G-1) - With CVEO

Years	EERF		Energy Conservation		Avg. Monthly Usage (kWh)		Total Cost (per month)	Avg. Monthly Usage (kWh)		Total Cost (per month)
2019	\$0.00214	+	\$0.00250	Х	400	=	\$1.86	10,800	=	\$50.11
2020	\$0.01210	+		Х		=	\$5.84		=	\$157.68
2021	\$0.01085	+		Х		=	\$5.34		=	\$144.18
2022	\$0.01828	+		Х		=	\$8.31		=	\$224.42
2023	\$0.01919	+		х		=	\$8.68		=	\$234.25
2024	\$0.01778	+		Х		=	\$8.11		=	\$219.02

#### Agenda Action Request Cape Light Compact Meeting Date: 4/21/2021



Aquinnah

Barnstable

Bourne

**Brewster** 

Chatham

Chilmark

Dennis

Dukes

County

Eastham

Edgartown

Falmouth

Harwich

Mashpee

Oak Bluffs

Orleans

Provincetown

Sandwich

Tisbury

Truro

Wellfleet

West Tisbury

Yarmouth

Proposed Budget, Savings and Cape & Vineyard Electrification Offering (CVEO): 2022-2024 Energy Efficiency Plan

**REQUESTED BY:** Maggie Downey

#### Proposed Motion(s)

I move the CLCJPE Board of Directors vote to support the preliminary budget, associated kWh/energy savings and Cape & Vineyard Electrification Offering (CVEO) for the Cape Light Compact's 2022-2024 Energy Efficiency Plan filing with the Massachusetts Energy Efficiency Advisory Council (EEAC).

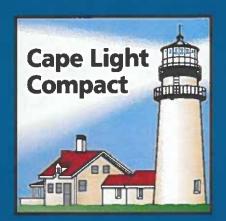
The Compact Administrator is authorized and directed to take all actions necessary or appropriate to implement this vote, and to execute and deliver all documents as may be necessary or appropriate to implement this vote.

#### **Additional Information**

Please refer to the attached presentation.

#### **Record of Board Action**

i		



Your Trusted, Local
Energy Resource

# Generator Participation in CLC Commercial ConnectedSolutions

April 21, 2021
Cape Light Compact Governing Board

# Background

- PAs offer demand response (DR) programs branded as ConnectedSolutions
  - Residential and Commercial
  - Compact began implementing in summer 2020 after DPU's approval of DR Memorandum of Agreement with Eversource
- Program goal: reduce ISO-NE systemwide peak demand to reduce capacity costs to ratepayers
  - Majority of DR program benefits come from Transmission, Distribution, and Capacity savings
- Two dispatch types:
  - Targeted dispatch: events are called on likely systemwide peak days, up to 8 times per summer
  - Daily dispatch: events are called during daily peaks in July and August (generally, battery participation only)



# Generators in CLC Service Territory

BTM Generation Fuel Type	Number of Projects	Total kW capacity
Diesel	3	12
Natural Gas	28	7958

#### Context:

- CLC has approx. 1.8 MW summer commercial capacity currently enrolled
  - Approx. 1 MW storage, 0.8 MW curtailment
  - Generators are considered a curtailment resource
- Compact planned for 12.5 MW curtailment in 2020, 23 MW curtailment in 2021
  - Vendor overestimation, first-time program implementation, program launch delay, and pandemic contributed to low enrollment as compared to goals
- Currently planning on 1.5 MW curtailment by 2024 as part of 2022-2024 Plan
  - Aligned with enrollment trends to date and CLC potential study
- Compact's CSP partners are currently aware of 3.2 MW of natural gas generation interested in participating
  - · Additional generation MWs are likely, based on CLC conversations with large customers



#### **Generator Emissions**

- Emissions compliance standards for generators varies by generator manufacture date, fuel type, power, location, and emergency or nonemergency use designation. CLC does not have this type of information on the generators in our service territory.
- Generators participating in wholesale and retail markets/programs must be permitted for non-emergency use, which requires stricter emissions standards.
- If generation is allowed to participate in CLC's ConnectedSolutions program, CLC will require verification that participating generators are permitted for non-emergency use.



# **Compact Policy**

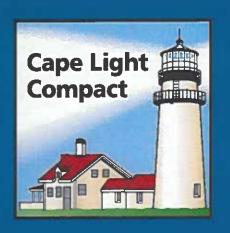
- Question: Should CLC allow emissions-compliant generator participation in commercial ConnectedSolutions programs?
- Reasons to allow:
  - Provides cost-effective demand reductions
  - Will make it easier for CLC to achieve current DR participation goals
  - Simplifies program implementation
  - More aligned with other program administrators' policies
- Reasons not to allow:
  - Energy efficiency dollars will be used to pay customers to burn fuels
  - Will lead to higher ConnectedSolutions bill impacts
- Generators could comprise a substantial portion of CLC DR portfolio if allowed



# **Policy Options**

- Option 1: Continue disallowance of generation in CLC DR programs
- Option 2: Allow participation in Targeted Dispatch only
  - Similar to Eversource & Unitil policies
- Option 3: Allow only certain types of generators
  - E.g., natural gas, but not diesel (even if emissions-compliant)
- Option 4: Combination of Options 2 & 3
  - E.g., allow only natural gas to participate in Targeted Dispatch only
- Option 5: No limitation on generation participation
  - Similar to NationalGrid policy





Your Trusted, Local Energy Resource

# Cape Light Compact Marketing Update

# A Comprehensive Approach

- CLC specific marketing is just one piece of the EE marketing pie
  - Lead Vendors, Contractors, Statewide brand and programmatic marketing agencies
    - · Paid Search
    - Streaming Radio
    - Digital & Social
    - "Out of Home" (OOH)
    - Emails
    - Point of Purchase (POP)









# Recap of 2019-2020





#### Focus for 2021

- Increased focus on Renters and Income Eligible (IE)
  - · Adding specific call outs for the 100% offer in organic and paid advertising
  - Continue to engage and connect with community organizations
- Increase C&I Marketing
  - Fall 2020 we did a large Upstream C&I campaign
  - February-March 2021 Business Energy Assessment (BEA) Campaign
  - Spring and Fall Main Streets Marketing
  - Continue to leverage Chambers and business focused groups, e.g. Love Live Local.
- Begin to transition Residential away from Lighting and emphasize
   Weatherization and Heat Pumps



# 2021 Organic Marketing

Yes Pared name tower



Working together toward a smarter energy future

#### October Neumletter

Where we enjoy the Sal Solage, the return of sweater wearmer, and the delight of burnotin scale, we're also believing childre forms and sho for days that effect or energy-efficient control reads in this newstateler, we hapstop's because or energy-efficient behaviology, designed to help sectioners save energy and monthly year-found. We also share two ways the Compact has been working with communities to energe a greener, more efficient region. As we emply the sights of outurn, and find and more

- Maggin Daming, Colo Light Compact Administrato

- Featured Offers -

#### **Explore Water Heating Incentives**



Water healing can make up a stratre cortex of home energy use. If you'd like to oppose your switch healing, outdoor our relating on efficient solutions. Including freel pump solar healing, scan domegin has appear and regness control and programs water health desuptiviti.

- E-Newsletters
  - Monthly
- Organic Social Media
  - Facebook
  - Instagram
  - Twitter
  - LinkedIn
  - YouTube
- Monthly Blogs



























# 2021 Marketing Tactics



#### Radio

- MVY Radio, WGBH, WOMR/WFMR, Frank 93.5, Koffee 100.5, Pixy 103, Y101, Q99, Ocean 104.7, Cape Country 104, Cape Classical 107.5
- Always on and broader focus (BEA, HEA, Power Supply)

#### Print

- Cape Cod Times, MV Times, MV Gazette, Bourne, Falmouth, Mashpee, and Sandwich Enterprise, CC Chronicle, Provincetown Banner, Register, Cape Codder, Barnstable Patriot
- Other supplementals including Love, Live, Local gift guides, Senior Newsletters, Cape Cod Life Magazine, Home and Garden Specials

# 2021 Marketing Tactics

#### Digital

- Paid Social-Facebook and Instagram
- Digital ads on Capecod.com, mvtimes.com, capecodtimes.com
- Google Display Network
- Video
  - Comcast Cable
  - Adobe & Google Connected TV





#### 2021 Content Calendar

Certain medium's creative, such as print, paid social, and some digital is rotated monthly. A tentative schedule is below.

- February March
  - Business Energy Assessments (BEA)
- April
  - Residential Appliance
- May
  - IE/Renter
- June
  - Home Energy Assessments (HEA)
- July
  - Appliances

- August
  - HEA
- September
  - Heat Pumps/HPWH
- October
  - BEA
- November
  - C&I Upstream





# 2021 Programmatic

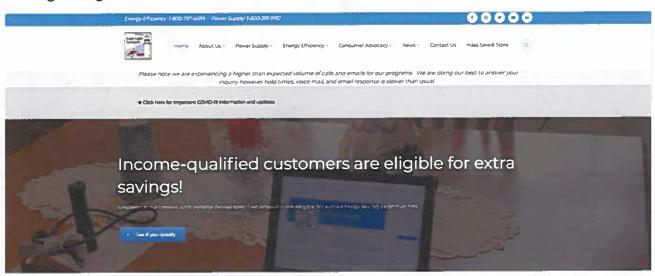
- Connected Solutions "Enroll your thermostat" direct mail
- Main Streets Initiative Mailers
- Dehumidifier Turn-ins
- Ocean's Edge MultiFamily Newsletter
- Community Outreach
  - HVAC Contractors
  - Chambers
  - Senior Centers and other Community Organizations.





# 2021 Assorted Projects

- ADA Website Audit
- User Experience (Ux) Audit
  - This will inform what website changes and optimizations are needed in 2022
- Survey
  - Will be sent via direct mail to customers and utilize a Survey Monkey link. A way to engage customers and get insights about brand awareness and familiarity with specific technology.





Your Energy Resource on Cape Cod and Martha's Vineyard!

#### Town Reporting

- Monthly town activity will continue to be posted monthly on the CLC website.
  - Adding additional program descriptions to make it clearer what each program encompasses
- Revising what we send to the towns quarterly
  - With increased electrification measures, savings can be negative
  - Existing language is confusing and required a lot of clarification



Cape Light Compact JPE
261 Whites Path, Unit 4, South Yarmouth, MA 02664
Energy Efficiency 1.800,797.6699 | Power Supply 1.800,381.9192
Fax: 774.330,3018 | capelightcompact.org

12/27/2019

Mr. Jellrey Madison Town Administrator 65 State Road Aquinnah, MA 02535

Dear Mr. Madison.

Attached for your information and dissemination to your Board of Selectmen Town Council is the Cape Light Compact's (Compact) quarterly Energy Efficiency Report. The Report reflects the program activity for all of Cape Cod & Martha's Vineyard and breaks out the detail on a town-by-town basis.

Below is a summary of the activity in your town for Q3 (July = September) 2019. To view your monthly reports from 2006 forward, please visit our website at www.capdiathloompact.org/neports.

- 3 residents and/or businesses participated\* in the program.
- \$7662 in incentive dollars were distributed to the 3 participants.
- 12352 kWh was saved\*\* through implementation of these energy efficiency measures

If you have any questions on the attached report, please contact me at (508) 375-6636

Sincerely

Weignit ! Howery

Margaret T. Downey

Administrator

Enclosure

ec: Michael Hebert

Please note that the number of participants may not correspond directly to the number of customers in your Town, As required, the Compact reports a customer as a participant for each energy efficiency program in which a customer participates. For example, if a customer has a home energy assessment and submits a dehumidifier reduct, they are counted as "two participants," Additionally, predetermined lighting assumptions quantify participants dependent upon number of builts soft

\*\*Also, in the Residential Retail Initiative, several measures may reduce energy use from one fuel source but may increase use of another fuel resulting in negative kWI savings. Strategic electrification of recample is primarily focused on the adoption of Heat Pump inchinology which may reduce the use of oil of propane but increase the use of electricity and increase peak demand. The Program Administrators have electrimized that these measures are still cost effective, and provide benefits to existences in a more halistic, integrated approach that helps existences uddress their energy use and associated costs based on their individual needs and goals, while aligning with the broader Commonwealth energy and greenhouse gas emissions reduction goals.

Working Together Toward A Smarter Energy Future

Agunnah Ramstakk Boune Brewster Chatham Chlimak Denns Dukes County Eastham Edgartown Edhaudt Harvich Mashjare Oak Blufs Caleans Producetown Sandwich Esbury Duro Wellbert West Isbury Youroutb





#### **Cape Light Compact**

Your Trusted Local Energy Resource!

Listed below for your information and dissemination to your Board of Selectmen/Town Council is the Cape Light Compact's (Compact) quarterly Energy Efficiency activity. The Report breaks out the detail specific to your town. To view your monthly reports from 2006 forward, please visit our website at www.capelightcompact.org/reports.

#### **During Q1 2021**

Residents and businesses participated in our Energy Efficiency program

480

times

\$300,000

incentive dollars were distributed to residents and businesses.

50,000

kWh of energy saved



If you have any questions about the attached report, please contact Maggie Downey at (508) 375-6636



#### New Quarterly Report

- This will be sent quarterly to the town and has been reworked to make the metrics clearer.
- This can be utilized by the board for presenting to select boards during public comment.
- CLC Staff will also provide relevant program updates to share as well.



#### Questions or Comments?



#### 2021 Operating Budget Expense Report 4/16/2021

ORG	OBJECT	ACCOUNT DESCRIPTION	ORIGI	NAL APPROP	REV	ISED BUDGET	YTO	EXPENDED	AVA	ILABLE BUDGE % USED	
01001	5110	OP-SALARIES	\$	102,000.00	\$	102,000.00	\$	- 8	\$	102,000.00	0.00
01001	5119	OP-SALARY RESERVE	\$	5,000.00	\$	5,000.00	\$	<del>1</del> /4	\$	5,000.00	0.00
01001	5171	OP-RETIREMENT	\$	28,560.00	\$	28,560.00	\$	*	\$	28,560.00	0.00
01001	5173	OP-GROUP INSURANCE	\$	14,250.00	\$	14,250.00	\$	7/3	\$	14,250.00	0.00
01001	5174	OP-MEDICARE/OTHER TAXES	\$	775.00	\$	775.00	\$	* *	\$	775.00	0.00
01001	5175	STATE UNEMPLOYMENT INSURANCE	\$	500.00	\$	500.00	\$	+	\$	500.00	0.00
01001	5179	OP-MISC FRINGES	\$	500.00	\$	500.00	\$	-	\$	500.00	0.00
01001	5180	OP-RETIREMENT LIABILITY	\$	42,700.00	\$	42,700.00	\$	-	\$	42,700.00	0.00
01001	5181	OP-OPEB LIABILITY	\$	15,000.00	\$	15,000.00	\$	-	\$	15,000.00	0.00
01001	5210	OP-UTILITIES	\$	500.00	\$	500.00	\$	18.24	\$	481.76	3.60
01001	5270	OP-MISC RENTALS	\$	1,000.00	\$	1,000.00	\$	20.18	\$	979.82	2.00
01001	5272	OP-RENT	\$	22,500.00	\$	22,500.00	\$	7,500.00	\$	15,000.00	33.30
01001	5290	OP-CUSTODIAL SERVICES	\$	3,900.00	\$	3,900.00	\$	650.00	\$	3,250.00	16.70
01001	5301	OP-ADVERTISING	\$	75,000.00	\$	75,000.00	\$	13,626.53	\$	61,373.47	18.20
01001	5309	OP-IT SERVICES	\$	1,200.00	\$	1,200.00	\$	43.05	\$	1,156.95	3.60
01001	5313	OP-STAFF PROFESSIONAL DEVELOP	\$	5,000.00	\$	5,000.00	\$	41.00	\$	4,959.00	0.80
01001	5314	OP-PAYROLL SERVICES	\$	1,200.00	\$	1,200.00	\$	-	\$	1,200.00	0.00
01001	5315	OP-LEGAL SERVICES	\$	196,900.00	\$	196,900.00	\$	80,823.44	\$	116,076.56	41.00
01001	5316	OP-AUDIT FEES	\$	4,100.00	\$	4,100.00	\$	173.62	\$	3,926.38	4.20
01001	5318	OP-TREASURY SERVICES	\$	1,620.00	\$	1,620.00	\$	583.01	\$	1,036.99	36.00
01001	5319	OP-CONTRACTUAL	\$	25,000.00	\$	25,000.00	\$	-	\$	25,000.00	0.00
01001	5320	OP-OUTREACH/MARKETING CONTRACT	\$	103,000.00	\$	103,000.00	\$	4,809.54	\$	98,190.46	4.70
01001	5341	OP-POSTAGE	\$	10,000.00	\$	10,000.00	\$	1,870.53	\$	8,129.47	18.70
01001	5343	OP-TELEPHONES	\$	1,260.00	\$	1,260.00	\$	74.65	\$	1,185.35	5.90
01001	5344	OP-INTERNET	\$	4,000.00	\$	4,000.00	\$	145.93	\$	3,854.07	3.60
01001	5345	OP-PRINTING	\$	12,500.00	\$	12,500.00	\$	2,677.77	\$	9,822.23	21.40
01001	5400	OP-SUPPLIES	\$	1,500.00	\$	1,500.00	\$	-	\$	1,500.00	0.00
01001	5490	OP-FOOD SUPPLIES	\$	500.00	\$	500.00	\$	-	\$	500.00	0.00
01001	5710	OP-TRAVEL IN STATE	\$	5,000.00	\$	5,000.00	\$	-	\$	5,000.00	0.00
01001	5720	OP-TRAVEL OUT STATE	\$	1,000.00	\$	1,000.00	\$	-	\$	1,000.00	0.00
01001	5730	OP-SPONSORSHIPS	\$	28,167.00	\$	28,167.00	\$	6,551.00	\$	21,616.00	23.30
01001	5731	OP-SUBSCRIPTIONS	\$	10,000.00	\$	10,000.00	\$	16,000.00	\$	(6,000.00)	160.00
01001	5732	OP-SOFTWARE LICENSES	\$	1,140.00	\$	1,140.00	\$	277.68	\$	862.32	24.40
01001	5741	OP-INSURANCE	\$	14,844.00	\$	14,844.00	\$	•	\$	14,844.00	0.00
01001	5789	OP-UNPAID BILLS	\$	2,000.00	\$	2,000.00	\$	•	\$	2,000.00	0.00
01001	5850	OP-MISC EQUIPMENT	\$	500.00	\$	500.00	\$	150.50	\$	349.50	30.10
01001	5854	OP-FINANCIAL SOFTWARE SYSTEM	\$	5,000.00	\$	5,000.00	\$	-	\$	5,000.00	0.00
01001	5855	OP-COMPUTER EQUIPMENT	\$	3,000.00	\$	3,000.00	\$	-	\$	3,000.00	0.00
01001	5900	CONTINGENCY	\$	185,000.00	\$	185,000.00	\$	-	\$	185,000.00	0.00
		Expense Total	\$	935,616.00	\$	935,616.00	\$	136,036.67	\$	799,579.33	14.50

Mil-Adder Revenue thru 2/28/21

168,162.28

2021Budgeted (Based on 2021 EES)

2	02   Budgeted	l (Based on 20	121 EES)				2021 Actuals through March 2021							
			PA (	Costs						PA C	osts			
Program	PP&A	Marketing	Incentives	STAT	EMV	Total PA Costs	Program	PP&A	Marketing	Incentives	STAT	EMV	Total PA Costs	
A - Residential	\$1,693,206	\$ 782,814	\$17,659,047	\$6,009,558	\$ 596,133	\$26,740,759	A - Residential	\$273,720	\$ 49,580	\$1,548,610	\$169,958	\$ 782	\$2,042,649	
A1 - Residential New Buildings	\$ 66,115	\$ 27,609	\$ 755,235	\$ 190,546	\$ -	\$ 1,039,504	A1 - Residential New Buildings	\$ 5,659	\$ 2,448	\$ 67,001	\$ 21,321	\$ -	\$ 96,428	
Ala - Residential New Homes & Renovations	\$ 66,115	\$ 27,609	\$ 755,235	\$ 190,546	\$ -	\$ 1,039,504	Ala - Residential New Homes & Renovations	\$ 5,659	\$ 2,448	\$ 67,001	\$ 21,321	\$ -	\$ 96,428	
A2 - Residential Existing Buildings	\$ 1,261,424	\$ 493,549	\$ 15,093,348	\$ 5,581,736	\$ -	\$ 22,430,057	A2 - Residential Existing Buildings	\$ 123,327	\$ 31,944	\$ 1,055,252	\$ 117,751	\$ -	\$ 1,328,274	
A2a - Residential Coordinated Delivery	\$ 719,895	\$ 186,558	\$ 10,763,380	\$ 2,294,245	\$ -	\$ 13,964,077	A2a - Residential Coordinated Delivery	\$ 61,616	\$ 13,770	\$ 98,985	\$ 14,196	\$ -	\$ 188,567	
A2b - Residential Conservation Services (RCS)	\$ 136,319	\$ 50,643	\$ -	\$ 1,779,672	\$ -	\$ 1,966,635	A2b - Residential Conservation Services (RCS)	\$ 22,835	\$ 2,005	\$ -	\$ 152	\$ -	\$ 24,992	
A2c - Residential Retail	\$ 325,987	\$ 233,629	\$ 4,147,049	\$ 618,731	\$ -	\$ 5,325,397	A2c - Residential Retail	\$ 27,901	\$ 13,374	\$ 951,692	\$ 78,160	\$ -	\$ 1,071,128	
A2d - Residential Behavior	\$ 43,525	\$ 9,163	\$ -	\$ 631,641	\$ -	\$ 684,329	A2d - Residential Behavior	\$ 3,725	\$ 2,293	\$ -	\$ 17	\$ -	\$ 6,035	
A2e - Residential Active Demand Reduction	\$ 35,698	\$ 13,556	\$ 182,919	\$ 257,446	\$ -	\$ 489,619	A2e - Residential Active Demand Reduction	\$ 7,250	\$ 502	\$ 4,575	\$ 25,226	\$ -	\$ 37,553	
A3 - Residential Hard-to-Measure	\$ 365,668	\$ 261,656	\$ 1,810,464	\$ 237,276	\$ 596,133	\$ 3,271,197	A3 - Residential Hard-to-Measure	\$ 144,734	\$ 15,188	\$ 426,358	\$ 30,887	\$ 782	\$ 617,948	
A3a - Residential Statewide Marketing	\$ -	\$ 159,797	\$ -	\$ -	\$ -	\$ 159,797	A3a - Residential Statewide Marketing	\$ -	\$ 13,283	\$ -	\$ -	\$ -	\$ 13,283	
A3b - Residential Statewide Database	\$ 1,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000	A3b - Residential Statewide Database	\$ 318	\$ -	\$ -	\$ -	\$ -	\$ 318	
A3c - Residential DOER Assessment	\$ 157,723	\$ -	\$ -	\$ -	\$ -	\$ 157,723	A3c - Residential DOER Assessment	\$ 134,309	\$ -	\$ -	\$ -	\$ -	\$ 134,309	
A3d - Residential Sponsorships & Subscriptions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	A3d - Residential Sponsorships & Subscriptions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
A3e - Residential Workforce Development	\$ -	\$ -	\$ -	\$ 37,590	\$ -	\$ 37,590	A3e - Residential Workforce Development	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
A3f - Residential Evaluation and Market Research	\$ -	\$ -	\$ -	\$ -	\$ 596,133	\$ 596,133	A3f - Residential Evaluation and Market Research	\$ -	\$ -	\$ -	\$ -	\$ 782	\$ 782	
A3g - Residential EEAC Consultants	\$ 88,867	\$ -	\$ -	\$ -	\$ -	\$ 88,867	A3g - Residential EEAC Consultants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
A3h - Residential R&D and Demonstration	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	A3h - Residential R&D and Demonstration	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
A3i - Residential HEAT Loan	\$ 118,078	\$ 26,859	\$ 1,810,464	\$ 149,686	\$ -	\$ 2,105,087	A3i - Residential HEAT Loan	\$ 10,106	\$ 1,904	\$ 426,358	\$ 24,253	\$ -	\$ 462,621	
A3j - Residential Education	\$ -	\$ 75,000	\$ -	\$ 50,000	\$ -	\$ 125,000	A3j - Residential Education	\$ -	\$ -	\$ -	\$ 6,634	\$ -	\$ 6,634	
B - Income Eligible	\$ 366,628	\$ 114,122	\$ 4,126,278	\$ 812,772	\$ 135,358	\$ 5,555,158	B - Income Eligible	\$ 66,719	\$ 8,279	\$ 228,187	\$ 51,212	\$ 199	\$ 354,595	
BT - Income Eligible Existing Buildings	\$ 290,145	\$ 95,549	\$ 4,126,278	\$ /8/,//2	\$ -	\$ 5,299,744	BI - Income Eligible Existing Buildings	\$ 27,592	\$ 5,214	\$ 228,187	\$ 51,212	\$ -	\$ 312,204	
B1a - Income Eligible Coordinated Delivery B1b - Income Eligible Active Demand Reduction	\$ 290,145	\$ 95,549	\$ 4,126,278	\$ /8/,//2	\$ -	\$ 5,299,744	B1a - Income Eligible Coordinated Delivery B1b - Income Eligible Active Demand Reduction	\$ 27,592 \$ -	\$ 5,214 \$ -	\$ 228,187	\$ 51,212	\$ - \$ -	\$ 312,204	
B2 - Income Eligible Hard-to-Measure	\$ 76,483	\$ 18,573	\$ -	\$ 25,000	\$ 135,358	\$ 255,414	B2 - Income Eligible Hard-to-Measure	\$ 39,127	\$ 3,065	\$ -	\$ -	\$ 199	\$ 42,391	
B2a - Income Eligible Statewide Marketing	\$ - \$ 1.013	\$ 18,573	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ 18,573	B2a - Income Eligible Statewide Marketing	\$ -	\$ 3,065	\$ - \$ -	\$ -	Ş -	\$ 3,065	
B2b - Income Eligible Statewide Database B2c - Income Eligible DOER Assessment	\$ 45,883	\$ - \$ -	\$ -	\$ -	\$ -	\$ 1,013 \$ 45,883	B2b - Income Eligible Statewide Database B2c - Income Eligible DOER Assessment	\$ 55 \$ 39,072	\$ -	\$ -	\$ -	\$ - \$ -	\$ 55 \$ 39,072	
B2d - Income Eligible Sponsorships & Subscriptions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	B2d - Income Eligible Sponsorships & Subscriptions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
B2e - Income Eligible Workforce Development	\$ -	\$ -	\$ -	\$ 25.000	\$ -	\$ 25,000	B2e - Income Eligible Workforce Development	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
B2t - Income Eligible Evaluation and Market Research	\$ -	\$ -	\$ -	\$ -	\$ 135,358	\$ 135,358	B2t - Income Eligible Evaluation and Market Resear	\$ -	\$ -	\$ -	\$ -	\$ 199	\$ 199	
B2g - Income Eligible Energy Affordability Network	\$ 29,587	\$ -	\$ -	\$ -	\$ -	\$ 29,587	B2g - Income Eligible Energy Affordability Network	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
C - Commercial & Industrial	\$1,322,453	\$ 394,036	\$13,754,975	\$1,733,539	\$ 731,147	\$17,936,149	C - Commercial & Industrial	\$167,145	\$ 55,108	\$ 569,368	\$174,170	\$ 552	\$ 966,344	
C1 - C&I New Buildings	\$ 44,124	\$ 8,522	\$ 690,000	\$ 101,359	\$ -	\$ 844,006	C1 - C&I New Buildings	\$ 7,216	\$ 679	\$ -	\$ 10,699	\$ -	\$ 18,593	
C1a - C&I New Buildings & Major Renovations	\$ 44,124	\$ 8,522	\$ 690,000	\$ 101,359	\$ -	\$ 844,006	C1a - C&I New Buildings & Major Renovations	\$ 7,216	\$ 679	\$ -	\$ 10,699	\$ -	\$ 18,593	
C2 - C&I Existing Buildings	\$ 1,180,259	\$ 351,252	\$ 13,027,475	\$ 1,603,825	\$ -	\$ 16,162,811	C2 - C&I Existing Buildings	\$ 88,936	\$ 45,233	\$ 569,368	\$ 163,472	\$ -	\$ 867,009	
C2a - C&I Existing Building Retrofit	\$ 949,582	\$ 278,499	\$ 10,592,498	\$ 996,619	\$ -	\$ 12,817,198	C2a - C&I Existing Building Retrofit	\$ 72,167	\$ 29,882	\$ 493,478	\$ 18,672	\$ -	\$ 614,199	
C2b - C&I New & Replacement Equipment	\$ 90,507	\$ 46,662	\$ 1,163,752	\$ 211,055	\$ -	\$ 1,511,977	C2b - C&I New & Replacement Equipment	\$ 6,960	\$ 13,506	\$ 75,891	\$ 19,755	\$ -	\$ 116,111	
C2c - C&I Active Demand Reduction	\$ 140,170	\$ 26,091	\$ 1,271,225	\$ 396,151	\$ -	\$ 1,833,636	C2c - C&l Active Demand Reduction	\$ 9,809	\$ 1,845	\$ -	\$ 125,044	\$ -	\$ 136,699	
C3 - C&I Hard-to-Measure	\$ 98,070	\$ 34,261	\$ 37,500	\$ 28,354	\$ 731,147	\$ 929,333	C3 - C&I Hard-to-Measure	\$ 70,993	\$ 9,196	\$ -	\$ -	\$ 552	\$ 80,742	
C3a - C&I Statewide Marketing	\$ -	\$ 29,261	\$ -	\$ -	\$ -	\$ 29,261	C3a - C&I Statewide Marketing	\$ -	\$ 9,196	\$ -	\$ -	\$ -	\$ 9,196	
C3b - C&I Statewide Database	\$ 1,394	\$ -	\$ -	\$ -	\$ -	\$ 1,394	C3b - C&I Statewide Database	\$ 176	\$ -	\$ -	\$ -	\$ -	\$ 176	
C3c - C&I DOER Assessment	\$ 83,162	\$ -	\$ -	\$ -	\$ -	\$ 83,162	C3c - C&I DOER Assessment	\$ 70,818	\$ -	\$ -	\$ -	\$ -	\$ 70,818	
C3d - C&I Sponsorships & Subscriptions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	C3d - C&I Sponsorships & Subscriptions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
C3e - C&I Workforce Development	\$ -	\$ 5,000	\$ -	\$ 28,354	\$ -	\$ 33,354	C3e - C&I Workforce Development	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
C3f - C&I Evaluation and Market Research	\$ -	\$ -	\$ -	\$ -	\$ 731,147	\$ 731,147	C3f - C&l Evaluation and Market Research	\$ -	\$ -	\$ -	\$ -	\$ 552	\$ 552	
C3g - C&I EEAC Consultants	\$ 13,514	\$ -	\$ -	\$ -	\$ -	\$ 13,514	C3g - C&I EEAC Consultants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
C3h - C&I R&D and Demonstration	\$ -	\$ -	\$ 37,500	\$ -	\$ -	\$ 37,500	C3h - C&I R&D and Demonstration	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Grand Total	\$3,382,287	\$1,290,973	\$35,540,300	\$8,555,868	\$1,462,639	\$50,232,066	Grand Total	\$507,584	\$112,967	\$2,346,165	\$395,340	######	\$3,363,589	

2021 Actuals through March 2021

	PA Costs												
Program		PP&A		Marketing		Incentives		STAT		EMV		Total PA Costs	
A - Residential	\$	273,720	\$	49,580	\$1	,548,610	\$	169,958	\$	782	\$2	,042,649	
A1 - Residential New Buildings	\$	5,659	\$	2,448	\$	67,001	\$	21,321	\$	-	\$	96,428	
Ala - Residential New Homes & Renovations	\$	5,659	\$	2,448	\$	67,001	\$	21,321	\$	-	\$	96,428	
A2 - Residential Existing Buildings	\$	123,327	\$	31,944	\$	1,055,252	\$	117,751	\$	-	\$	1,328,274	
A2a - Residential Coordinated Delivery	\$	61,616	\$	13,770	\$	98,985	\$	14,196	\$	-	\$	188,567	
A2b - Residential Conservation Services (RCS)	\$	22,835	\$	2,005	\$	-	\$	152	\$	-	\$	24,992	
A2c - Residential Retail	\$	27,901	\$	13,374	\$	951,692	\$	78,160	\$	-	\$	1,071,128	
A2d - Residential Behavior	\$	3,725	\$	2,293	\$	-	\$	17	\$	-	\$	6,035	
A2e - Residential Active Demand Reduction	\$	7,250	\$	502	\$	4,575	\$	25,226	\$	-	\$	37,553	
A3 - Residential Hard-to-Measure	\$	144,734	\$	15,188	\$	426,358	\$	30,887	\$	782	\$	617,948	
A3a - Residential Statewide Marketing	\$	-	\$	13,283	\$		\$	-	\$	-	\$	13,283	
A3b - Residential Statewide Database	\$	318	\$	-	\$		\$	-	\$	-	\$	318	
A3c - Residential DOER Assessment	\$	134,309	\$	-	\$	-	\$	-	\$	-	\$	134,309	
A3d - Residential Sponsorships & Subscriptions	\$	-	\$	-	\$		\$	-	\$	-	\$	-	
A3e - Residential Workforce Development	\$	-	\$	-	\$		\$	-	\$	-	\$	-	
A3f - Residential Evaluation and Market Research	\$	-	\$	-	\$		\$	-	\$	782	\$	782	
A3g - Residential EEAC Consultants	\$	-	\$	-	\$		\$	-	\$	-	\$	-	
A3h - Residential R&D and Demonstration	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
A3i - Residential HEAT Loan	\$	10,106	\$	1,904	\$	426,358	\$	24,253	\$	-	\$	462,621	
A3j - Residential Education	\$	-	\$	-	\$	-	\$	6,634	\$	-	\$	6,634	
B - Income Eligible	\$	66,719	\$	8,279	\$	228,187	\$	51,212	\$	199	\$	354,595	
B1 - Income Eligible Existing Buildings B1a - Income Eligible Coordinated Delivery	\$	27,592	\$	5,214	\$ 55	228,187	\$ 5	51,212	\$	-	\$	312,204	
BIb - Income Eligible Active Demand Reduction	\$	-	\$		\$	-	\$	-	\$	÷	\$		
B2 - Income Eligible Hard-to-Measure	\$	39,127	\$	3,065	\$		\$	-	\$	199	\$	42,391	
B2a - Income Eligible Statewide Marketing B2b - Income Eligible Statewide Database	\$	- 55	\$	3,065	\$		\$		\$	-	\$	3,065	
B2c - Income Eligible DOER Assessment	\$	39,072	\$	-	\$		\$	-	\$	-	\$	39,072	
B2d - Income Eligible Sponsorships & Subscriptions	\$	-	\$	-	\$		44	-	\$	-	\$	-	
B2e - Income Eligible Workforce Development	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
B2f - Income Eligible Evaluation and Market Resear	\$	-	\$	-	\$	-	\$	-	\$	199	\$	199	
B2g - Income Eligible Energy Affordability Network	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
C - Commercial & Industrial	_	167,145	_	55,108	\$	569,368	_	174,170	\$	552	\$	966,344	
C1 - C&I New Buildings	\$	7,216	\$	679	\$		\$	10,699	\$	-	\$	18,593	
C1a - C&I New Buildings & Major Renovations	\$	7,216	\$	679	\$	-	\$	10,699	\$	-	\$	18,593	
C2 - C&I Existing Buildings	\$	88,936	\$	45,233	\$	569,368	_	163,472	\$	-	\$	867,009	
C2a - C&I Existing Building Retrofit	\$	72,167	\$	29,882	\$	493,478	\$	18,672	\$	-	\$	614,199	
C2b - C&I New & Replacement Equipment	\$	6,960	\$	13,506	\$	75,891	\$	19,755	\$	-	\$	116,111	
C2c - C&I Active Demand Reduction	\$	9,809	\$	1,845	\$	-	÷	125,044	\$	-	\$	136,699	
C3 - C&I Hard-to-Measure	\$	70,993	\$	9,196	\$	-	\$	-	\$	552	\$	80,742	
C3a - C&I Statewide Marketing	\$	-	\$	9,196	\$	-	\$	-	\$	-	\$	9,196	
C3b - C&I Statewide Database	\$	176	\$	-	\$	-	\$	-	\$	-	\$	176	
C3c - C&I DOER Assessment	\$	70,818	\$	-	\$	-	\$	-	\$		\$	70,818	
C3d - C&I Sponsorships & Subscriptions	\$	-	\$	-	\$	-	\$	-	\$		\$	-	
C3e - C&I Workforce Development	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
C3f - C&I Evaluation and Market Research	\$	-	\$	-	\$	-	\$	-	\$	552	\$	552	
C3g - C&I EEAC Consultants	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
C3h - C&I R&D and Demonstration	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Grand Total	\$	507,584	\$1	12,967	\$2	,346,165	\$3	395.340	#	******	\$3	,363,589	

202 Actuals as Percent of Budgeted

Program	PP&A	Marketin g	Incentives	STA T	EMV	Total PA Costs
A - Residential	16.2%	6.3%	8.8%	2.8%	0.1%	7.6%
A1 - Residential New Buildings	8.6%	8.9%	8.9%	11.2%	0.0%	9.3%
Ala - Residential New Homes & Renovations	8.6%	8.9%	8.9%	11.2%	0.0%	9.3%
A2 - Residential Existing Buildings	9.8%	6.5%	7.0%	2.1%	0.0%	5.9%
A2a - Residential Coordinated Delivery	8.6%	7.4%	0.9%	0.6%	0.0%	1.4%
A2b - Residential Conservation Services (RCS)	16.8%	4.0%	0.0%	0.0%	0.0%	1.3%
A2c - Residential Retail	8.6%	5.7%	22.9%	12.6%	0.0%	20.1%
A2d - Residential Behavior	8.6%	25.0%	0.0%	0.0%	0.0%	0.9%
A2e - Residential Active Demand Reduction	20.3%	3.7%	2.5%	9.8%	0.0%	7.7%
A3 - Residential Hard-to-Measure	39.6%	5.8%	23.5%	13.0%	0.1%	18.9%
A3a - Residential Statewide Marketing	0.0%	8.3%	0.0%	0.0%	0.0%	8.3%
A3b - Residential Statewide Database	31.8%	0.0%	0.0%	0.0%	0.0%	31.8%
A3c - Residential DOER Assessment	85.2%	0.0%	0.0%	0.0%	0.0%	85.2%
A3d - Residential Sponsorships & Subscriptions	0.0%	0.0%	0.0%	0.0%		0.0%
A3e - Residential Workforce Development	0.0%	0.0%	0.0%	0.0%		0.0%
A3f - Residential Evaluation and Market Research	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
A3g - Residential EEAC Consultants	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
A3h - Residential R&D and Demonstration	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
A3i - Residential HEAT Loan	8.6%	7.1%	23.5%	16.2%	0.0%	22.0%
A3j - Residential Education	0.0%	0.0%	0.0%	13.3%	0.0%	5.3%
B - Income Eligible	18.2%	7.3%	5.5%	6.3%	0.1%	6.4%
B1 - Income Eligible Existing Buildings	9.5%	5.5%	5.5%	6.5%	0.0%	5.9%
BIa - Income Eligible Coordinated Delivery BIb - Income Eligible Active Demand Reduction	9.5%	5.5% 0.0%	5.5% 0.0%	6.5% 0.0%		5.9% 0.0%
B2 - Income Eligible Hard-to-Measure	51.2%	16.5%	0.0%		0.0%	16.6%
B2a - Income Eligible Statewide Marketing	0.0%	16.5%	0.0%		0.0%	16.5%
B2b - Income Eligible Statewide Database B2c - Income Eligible DOER Assessment	5.4% 85.2%	0.0%	0.0%		0.0%	5.4% 85.2%
B2d - Income Eligible Sponsorships & Subscriptions	0.0%	0.0%	0.0%	0.0%		0.0%
B2e - Income Eligible Workforce Development	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
B2f - Income Eligible Evaluation and Market Kesear	0.0%	0.0%	0.0%	0.0%		0.1%
B2g - Income Eligible Energy Affordability Network	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
C - Commercial & Industrial	12.6%	14.0%	4.1%	10.0%	0.1%	5.4%
C1 - C&I New Buildings	16.4%	8.0%	0.0%	10.6%	0.0%	2.2%
C1a - C&I New Buildings & Major Renovations	16.4%	8.0%	0.0%	10.6%	0.0%	2.2%
C2 - C&I Existing Buildings	7.5%	12.9%	4.4%	10.2%	0.0%	5.4%
C2a - C&I Existing Building Retrofit	7.6%	10.7%	4.7%	1.9%	0.0%	4.8%
C2b - C&I New & Replacement Equipment	7.7%	28.9%	6.5%	9.4%	0.0%	7.7%
C2c - C&I Active Demand Reduction	7.0%	7.1%	0.0%	31.6%	0.0%	7.5%
C3 - C&I Hard-to-Measure	72.4%	26.8%	0.0%	0.0%	0.1%	8.7%
C3a - C&I Statewide Marketing	0.0%	31.4%	0.0%	0.0%	0.0%	31.4%
C3b - C&I Statewide Database	12.6%	0.0%	0.0%	0.0%	0.0%	12.6%
C3c - C&I DOER Assessment	85.2%	0.0%	0.0%	0.0%	0.0%	85.2%
C3d - C&I Sponsorships & Subscriptions	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
C3e - C&I Workforce Development	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
C3f - C&I Evaluation and Market Research	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
C3g - C&I EEAC Consultants	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
C3h - C&I R&D and Demonstration	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	15.0%	8.8%	6.6%	4.6%	0.1%	6.7%



#### TOWN OF YARMOUTH

BOARD OF SELECTMEN

1146 ROUTE 28, SOUTH YARMOUTH, MASSACHUSETTS 02664-24451 Telephone (508) 398-2231, ext. 1271, Fax (508) 398-2365

TOWN ADMINISTRATOI Robert L. Whritenour, Jr

April 14, 2021

Michael Duffy 74 Nottingham Drive Yarmouth Port, MA 02675

Dear Mr. Duffy:

At their regular meeting on Tuesday, April 13, 2021, the Board of Selectmen unanimously voted to appoint you as the Town of Yarmouth's alternate representative to the Cape Light Compact Governing Board. This appointment is for a one-year term, which will run through April, 2022.

Kindly contact the Town Clerk's Office in Town Hall to make an appointment to be sworn in.

On behalf of the Board of Selectmen, we would like to thank you for your continued interest in serving the Town of Yarmouth.

Sincerely,

Robert L. Whritenour, .
Town Administrator

Accepted	Date
Sworn in/Mary Maslowski, Town Clerk	Date

pb

cc: Town Clerk

Maggie Downey, CLC

Town First Name		Last Name	Address	City	Zip Code	CLC /Town Email	Personal Email	Phone Number	Cell Phone	
Aguinnah	Forrest	Filler				ffiller@capelightcompact.org	forrestfiller@gmail.com			
Barnstable	David	Anthony	230 South Street	Hyannis	02601	david.anthony@town.barnstable.ma.us		508-862-4652		
Barnstable	Peter	Dovle		The second		pdoyle@capelightcompact.org	misterdoyle182@gmail.com			
Bourne	Robert	Schofield	PO Box 281	Pocasset	02559	rschofield@capelightcompact.org	RESCHOFIELD@Comcast.net	508-563-2012	508-274-4300	
Bourne	Griffin	Girard				ggirard@capelightcompact.org	ggirard19@gmail.com	508-292-1169		
Brewster	Colin	Odell	21 Marion Lane	Brewster	02631	codell@capelightcompact.org	codell5581@comcast.net		203-641-6640	
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