

Cape Light Compact

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POST OFFICE BOX 427 • BARNSTABLE SUPERIOR COURT HOUSE • BARNSTABLE, MASSACHUSETTS 02630

Cape Light Compact Governing Board Meeting

DATE: Wednesday, May 21, 2014
LOCATION: Rooms 11&12, Superior Courthouse, Barnstable
TIME: 2:00 – 4:30 p.m.

AGENDA

- 2:00 – 2:10 Public Comment
- 2:10 – 2:15 Approval of Minutes
- 2:15 – 2:45 Presentation/Discussion on Green Communities Audit Approach
- 2:45 – 2:55 Treasurers' Report
- 2:55 – 3:05 Discussion/Potential Vote on FY14 Supplemental Budget and
- 3:05 – 3:25 Discussion and Potential Vote on FY15 Operating Budget
- 3:25 Energy Efficiency Program
 - 1. Presentation on Behavior/Energy Monitoring Initiative
 - 2. Discussion and Potential Vote on Quashnet Schools Cap
 - 3. Discussion and Potential Vote on Municipal Incentive Cap
- Chairman's Report
- Administrator's Report
 - 1. Board Meeting Schedule
 - 2. Update on DPU 14-69

CVEC Update

**Cape Light Compact Governing Board
Wednesday, March 12, 2014
Open Session Meeting Minutes**

The Governing Board of the Cape Light Compact met on Wednesday, March 12, 2014 in Rooms 11 & 12, Superior Court House, 3195 Main Street, Barnstable, MA 02630.

PRESENT WERE:

Dr. Joyce Flynn, Chairwoman, Yarmouth
Robert Schofield, Vice-Chair, Bourne
Peter Cocolis, Treasurer, Chatham
Barry Worth, Secretary, Harwich
Peter Cabana, Member at Large, Dukes County
William Doherty, Barnstable County
David Anthony, Barnstable
Deane Keuch, Brewster
Timothy Carroll, Chilmark - by phone
Brad Crowell, Dennis – by phone until 3:30 pm
Thomas Mayo, Mashpee
Ronald Zweig, Falmouth
Richard Toole, Oak Bluffs
Everett Horn, Sandwich
Richard Elkin, Wellfleet
Tom Donegan, Provincetown
Jen Rand, W. Tisbury Alternate

LEGAL COUNSEL:

Jeffrey Bernstein, Esq., BCK Law, PC

STAFF PRESENT:

Maggie Downey, Compact Administrator
Margaret Song, Residential Program Manager
Briana Kane, Sr. Residential Program Coordinator
Matthew Dudley, Residential Program Coordinator
Lindsay Henderson, Marketing & Data Analyst
Meredith Miller, C&I Program Manager
Vicki Marchant, C&I Program Analyst
Nicole Price, C&I Program Planner
Philip Moffitt, EM&V Manager
Gail Azulay, EM&V Analyst
Debbie Fitton, Energy Education Coordinator
Kim Deisher, Customer Service Representative
Karen Loura, Administrative Assistant

MEDIA & PUBLIC PRESENT:

Ed Maroney, Barnstable Patriot Newspaper Reporter
Patrick Cassidy, Cape Cod Times Newspaper Reporter
Kathy Hubby, former Wellfleet CLC Board Member
George Jenkins, Bourne Resident
Dr. Kathy Sherman, Brewster Resident
James Rogers, Sandwich Resident

ABSENT WERE:

Michael Hebert, Aquinnah
Edgartown - Vacant
Fred Fenlon, Eastham
Orleans, Vacant
William Straw, Tisbury
Peter Fontecchio, Truro
Sue Hruby, W. Tisbury

DRAFT MINUTES – SUBJECT TO CORRECTION, ADDITION AND BOARD APPROVAL.

CALL TO ORDER

Chr. Flynn opened the meeting at 2:05 pm. and introduced Tom Donegan, newly appointed Provincetown Representative. The meeting notice/agenda was posted pursuant to the Open Meeting Law at:

<http://www.capelightcompact.org/about/agendas-minutes/> and on the exterior public meeting notice board at Superior Court House at 1:30 p.m. on 3/10/14.

PUBLIC COMMENT

Chr. Flynn reviewed the Public Comment policy and invited Public Comment.

- J. Rogers, Sandwich spoke that the Aggregation Plan does not include reference to CVEC. He asked the Board to consider discussing CLC & CVEC relationship. He asked about the length of continued relationship if CLC will continue to fund CVEC.
- George Jenkins, Bourne - Provided a history of his experience with Cape Light Compact beginning in 2001 to provide energy efficiency services to two buildings in Bourne. One is the Bourne Society for Historic Preservation built in 1847 and the other is a Victorian house which began renovations in 1979. He said B. Schofield became involved and progress took off. He said B. Schofield became Treasurer in 1997 and improvements have saved \$2000/year down to \$700. Renovations included new windows, insulation and hot water furnace. At R. Schofield's suggestion an energy audit was performed by Rise Engineering resulting in additional insulation upgrades, air leak sealing and new oil burner which results in a 40% savings. He expressed gratitude to the Cape Light Compact for everything that has been done to improve efficiency at these buildings. He stated he supported the Aggregation Plan
- Dr. Sherman said she wrote a letter about Aggregation Plan and wants to thank Cape Light Compact for information provided at Orleans Informational Meeting. She seeks to make it clear that she is in favor of distributed generation. She mentioned today's article and recent decision on long-term contracts on big wind farms in Maine. She urged focus on energy economics so that there is better understanding about RECs and about the transmission costs. She asked CLC to help people with a more holistic view of energy especially transportation energy.

APPROVAL OF MINUTES

B. Worth presented minutes for approval. *P. Cocolis moved the Board vote to accept the minutes of January 8, 2014 as presented, seconded by R. Schofield.* J. Bernstein advised that those who left that meeting early can vote on these minutes. *The Board then voted unanimously in favor to approve with J. Rand, T. Donegan and E. Horne abstaining.*

TREASURERS' REPORT

The Treasurer's Report was moved to after Aggregation Plan discussion.

DISCUSSION AND POTENTIAL VOTE ON REVISIONS TO AGGREGATION PLAN

B. Doherty asked that the reason for updating the plan be stated that the State asked us to bring our Plan up-to-date to make it consistent with Lowell's proposed plan then under consideration by the DPU. The Cape Light Compact has always been supported by oversight. Peter Cocolis said the original Plan filed and approved in 2000 has fallen out of date. Since then to now the energy environment has changed, names, etc. When this matter was brought to the Board, the board agreed it wanted to review the Plan and update it.

DRAFT MINUTES – SUBJECT TO CORRECTION, ADDITION AND BOARD APPROVAL.

The Board reviewed the red-lined, mark-up including more recent changes being proposed as a result of input received during the comment period. The more recent changes are shown in yellow highlight. This document was posted on the CLC website on Monday. M. Downey provided an overview of the process soliciting comment including three informational sessions (Mashpee, Orleans and Oak Bluffs) as well as presentations to Boards of Selectmen with CLC Staff or Board Member. Red-lined mark-up was mailed all Town Managers w/request to forward to their Boards of Selectmen and solicit feedback. A total of 79 written comments were received. 65 were in support. 35 included specific comments on changes. 14 letters were not supportive. Eight were form letters not supporting changes or the CLC. The Compact consulted with the Attorney General's office, who specifically requested changes to Section 6.1. Also received comment after deadline from DOER and Sandwich Board of Selectmen to review and possibly incorporate. The updated plan is required to be filed on or before April 4, 2014.

The Board then discussed edits relative to power supply procurement. B. Doherty wants intent noted for changes flagged in yellow highlight on pg. 4. He wants to make sure there is a clear understanding of what competitive rates are as well as issues considered in the overall length of the contract. The edit came as a result of comments received from the Town of Chatham who were concerned that CLC continue to pursue the best market rates available and the best terms and conditions. R. Elkin questioned whether the language would preclude green energy. The Intergovernmental Agreement (IGA) goes into considerable detail relative to green energy goals and other CLC projects. The IGA is referenced in Aggregation Plan. The Board agreed by consensus to make verbiage the same on pages 4, 11 & 20.

D. Anthony requested replacing "Town Council" with "Town Manager" where appropriate – by agreement.

The Board then reviewed the paragraph inserted at the request of the Attorney General.

D. Anthony suggested removing reference to NStar and replace with "Local Distribution Company" by agreement this would be done throughout the Plan.

Subsequent edits:

M. Downey said DOER requested the word "investment program" be inserted as well as definition of Market Transformation. This information provides education as well as an edit to pg. 19, Section 4.2 - by agreement. This proposed language was provided by DOER and is the result of consultations between the DOER and CLC.

Edits resulting from input received from Sandwich were approved by consensus.

W. Tisbury – letter of 2/26/14. J. Rand reviewed W. Tisbury Board of Selectmen concerns over the term: "without limitation". She said W. Tisbury is very concerned because boards and towns do not operate without limitation. T. Mays suggested making the Executive Committee replace "without limitation" J. Flynn said the phrase comes directly from IGA. W. Tisbury's concern is what does "without limitation" mean. Discussion followed. R. Elkin proposed alternative language, and Atty. Bernstein proposed "among other things" In each of the three instances the board agreed to change wording to "including, among other things".

Chr. Flynn commented on the spelling of "forward" - by agreement to remove "e". She said staff will correct scrivener errors.

R. Schofield moved the Board vote to accept the proposed revisions to the Cape Light Compact Aggregation Plan, subject to form or other scrivener's revisions, and direct staff to work with legal counsel to prepare submittal documents for the Department of Public Utilities on or before April 4, 2014, seconded by D. Reich and voted unanimously in favor by roll call vote as follows:

Yarmouth	Yes	Barnstable	Yes	Oak Bluffs	Yes
Bourne	Yes	Brewster	Yes	Provincetown	Yes
Chatham	Yes	Chilmark	Yes	Sandwich	Yes
Harwich	Yes	Dennis	Yes	Wellfleet	Yes

DRAFT MINUTES – SUBJECT TO CORRECTION, ADDITION AND BOARD APPROVAL.

Dukes County	Yes	Falmouth	Yes	W. Tisbury	Yes
Barnstable County	Yes	Mashpee	Yes		

TREASURER’S REPORT

P. Cocolis reviewed CLC operating budget and reported we are doing fine. M. Downey will request a supplemental budget needed for salaries. J. Flynn asked Peter to look at Subscriptions to see what it is for next meeting. P. Cabana spoke about EE News and urged members to take a look at it.

At 3:30 p.m. J. Rand left and B. Crowell disconnected from phone.

P. Cocolis provided an overview of the 2013 annual Energy Efficiency Budget based on the 3-year plan. He said if there is an overage the funds must be manually put into 2014 budget. He said the 2014 budget will be provided at the next meeting. If Commercial/Industrial program expenditures continue at current rate into next year, there may be a need to approach the DPU to file for a mid-term modification. 20% over or under budget triggers mid-term modification. Funds roll forward to the next year manually.

P. Cabana reported on an interview with the new DEP on EE News (David Cash) and asked M. Downey to circulate interview.

P. Cabana and R. Toole left the meeting at 3:37 p.m.

ENERGY EFFICIENCY PROGRAM UPDATE

• **Efficient Neighborhoods Plus Update**

K. Deisher provided a Power-point Presentation providing an update on the Efficient Neighborhoods + Program (Attachment A) designed to reach economically hard to reach customers (60%-100% of median income) in 1-4 family residential properties. She informed the Board the wrong (later) application deadline was erroneously printed by the newspaper. However, the extension was made beyond the deadline. There have been almost 1000 more audit requests compared to this time last year. Increase incentive was a test to reach a different demographic. M. Song said other Program Administrators are offering this program to single town as tests but the CLC Board wanted to offer the opportunity to all customers in our service territory. An update will be provided to the Board at the conclusion of the program. We are overspent because programs are very popular. There is uncertainty about repeating this program at this time. All of this information will be useful in penetration study being performed. CLC may propose a change in the next 3-year plan based upon information collected.

CHAIRMAN’S REPORT

- Chr. Flynn informed the Board of the need to approve the budget for next Fiscal Year by the end of June. To provide review/discussion time, a meeting is needed prior to voting. The schedule is to meet in May. M. Downey suggested Budget Draft review on April 9th and May 14th. There is no meeting in August. The Board can also meet May 14th and June 11th and cancel July. Demand Management Institute will present on ASHRAE Level Audits on May 14th. It was agreed to meet May 14th and June 11th.
- Chr. Flynn expressed praise to the Compact for maintaining a high tone recently.

R. Zwerg asked to express appreciation to everyone for participating in the Aggregation Plan Review/Comment Period. He said all comments are appreciated. M. Downey said a modified copy will be available and circulated next week.

There was discussion about the results of the Municipal RFP.

ADMINISTRATOR’S REPORT

- M. Downey provided an up-to-date Board/Staff Contact list.
- M. Downey distributed Calendar of Upcoming Events and encouraged members to attend and participate as a CLC Representatives if available. J. Flynn asked if Cape Light Compact will be at Town Meetings this year. M. Downey said it is not planned to do a bulb give-away this year at Town Meeting.
- **Main Streets Project** The first Main Street Project has been completed in Provincetown. There has been a 25% uptick in response and participation. Currently staff is in the process of executing contracts. The next program roll out is planned for April and will include a Martha's Vineyard Town Oak Bluffs and Falmouth in an attempt to reach small C&I customers in a blitz. Progress Update(s) will be provided. M. Downey said we will get to all Towns. This program offers 100% incentives, and we will need to closely monitor budgets. N. Price said this is part of a State-wide effort. However CLC has enhanced the program which includes more than other Program Administrators. She said the cost/kwh is projected to be .41cents /kWh (.20 cents below other PA's) and the BCR's are looking wonderful considering 100% incentives. Two more towns are being selected to receive this program in the fall.
- The Cape Light Compact is working with a marketing company to help with spreading the word on energy efficiency. Ridley and Assoc. will be in contact with various board members.

The Board acknowledged receipt of the following:

- Letter dated 12/31/13 from our auditors, Sullivan, Rogers & Company, LLC announcing merger with Clifton Larson Allen LLP (CLA) J. Flynn executed letter.
- Copy of a letter from Chr. Flynn dated 2/25/14 to member towns and counties correcting misrepresentations of fact circulated relative to Cape Light Compact. Chr. Flynn said this letter will be posted to the website and we are in the process of preparing financial information for posting to the website. Once the 2012 and 2013 Financial Statements are the completed, the Auditor will provide an overview of how to read/use the information in the financial statements particularly for new members.
- Notice from W. Tisbury Board of Selectmen dated March 10, 2014 of their appointment of Jennifer Rand at the Alternate Representative to the Cape Light Compact as of March 5, 2014.

CVEC UPDATE

A CVEC update will be provided at the next meeting.

At 4:14 p.m. B. Doherty moved to adjourn, seconded by P. Cocolis and voted unanimously in favor.

Respectfully submitted,

Karen E. Loura
Administrative Assistant

Reviewed by Barry Worth, Secretary on: March 17, 2014

List of Documents Used at Meeting:

- January 8, 2014 Open Session Meeting Minutes
- Year to Date Budget Report for CLC Operating Fund
- 2013 Actuals and Budget for Energy Efficiency Fund
- Proposed Revisions to Aggregation Plan

DRAFT MINUTES – SUBJECT TO CORRECTION, ADDITION AND BOARD APPROVAL.

- Vote to approve proposed revisions to Aggregation Plan
- Letters from Towns with revisions to be made, or supporting the proposed revisions
- Power Point presentation on Efficient Neighborhoods +
- Calendar of events that Cape Light Compact is attending in 2014
- Appointment letter from the Town of West Tisbury appointing Jen Rand as alternate to Board
- Letter from Joyce Flynn to Member Towns and counties regarding Compact financial records
- Letter from Sullivan & Rogers Company announcing merger
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DRAFT MINUTES – SUBJECT TO CORRECTION, ADDITION AND BOARD APPROVAL.

2014 Budgeted (Based on Three-year Plan)

Program	PA Costs					
	PPA	Marketing	Incentives	STAT	EMV	Total PA Costs
Residential (total)	\$913,072	\$558,534	\$12,175,798	\$1,415,520	\$1,111,177	\$16,174,101
1 Residential Whole House	\$ 632,158	\$ 203,795	\$ 9,815,491	\$ 660,297	\$ 906,123	\$ 12,217,864
Residential New Construction	\$ 18,758	\$ 14,655	\$ 150,000	\$ 88,146	\$ 17,025	\$ 288,584
Residential Multi-Family Retrofit	\$ 27,926	\$ 31,107	\$ 500,000	\$ 44,821	\$ 84,356	\$ 688,209
Residential Home Energy Services	\$ 585,474	\$ 143,033	\$ 9,048,491	\$ 438,380	\$ 804,741	\$ 11,020,120
Residential Behavior/Feedback	\$ -	\$ 15,000	\$ 117,000	\$ 88,950	\$ -	\$ 220,950
2 Residential Products	\$ 149,078	\$ 127,801	\$ 2,305,307	\$ 436,332	\$ 193,884	\$ 3,211,982
Residential Cooling & Heating Equipment	\$ 57,108	\$ 17,488	\$ 1,040,841	\$ 81,106	\$ 41,010	\$ 1,237,554
Residential Lighting	\$ 69,397	\$ 85,176	\$ 1,053,466	\$ 158,996	\$ 116,674	\$ 1,483,709
Residential Consumer Products	\$ 22,573	\$ 24,936	\$ 211,000	\$ 196,230	\$ 35,980	\$ 490,719
3 Residential Hard-to-Measure	\$ 131,838	\$ 227,138	\$ 55,000	\$ 318,891	\$ 11,389	\$ 744,255
Residential Statewide Marketing	\$ -	\$ 102,138	\$ -	\$ -	\$ -	\$ 102,138
Residential DOER Assessment	\$ 115,523	\$ -	\$ -	\$ -	\$ 11,389	\$ 126,913
Residential EEAC Consultants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Sponsorship & Subscriptions	\$ 16,313	\$ -	\$ -	\$ -	\$ -	\$ 16,313
Residential HEAT Loan	\$ -	\$ -	\$ -	\$ 214,891	\$ -	\$ 214,891
Residential Workforce Development	\$ -	\$ -	\$ -	\$ 89,000	\$ -	\$ 89,000
Residential R&D and Demonstration	\$ -	\$ -	\$ 55,000	\$ 15,000	\$ -	\$ 70,000
Residential Education	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000
Low-income (total)	\$228,995	\$74,772	\$1,996,342	\$612,549	\$173,950	\$3,086,609
4 Low-income Whole House	\$ 169,017	\$ 28,158	\$ 1,998,342	\$ 612,549	\$ 170,981	\$ 2,977,047
Low-income New Construction	\$ 5,065	\$ 694	\$ 145,000	\$ 1,217	\$ 10,780	\$ 162,756
Low-income Single Family Retrofit	\$ 133,634	\$ 23,310	\$ 1,342,207	\$ 489,499	\$ 135,358	\$ 2,124,009
Low-income Multi-Family Retrofit	\$ 30,318	\$ 4,154	\$ 509,135	\$ 121,833	\$ 24,843	\$ 690,283
5 Low-income Hard-to-Measure	\$ 59,978	\$ 46,614	\$ -	\$ -	\$ 2,970	\$ 109,561
Low-income Statewide Marketing	\$ -	\$ 23,364	\$ -	\$ -	\$ -	\$ 23,364
Low-income DOER Assessment	\$ 21,228	\$ -	\$ -	\$ -	\$ 2,970	\$ 24,197
Low-income Energy Affordability Network	\$ 38,750	\$ 23,250	\$ -	\$ -	\$ -	\$ 62,000
Commercial & Industrial (total)	\$819,318	\$182,239	\$13,494,235	\$1,139,605	\$686,006	\$16,321,462
6 C&I New Construction	\$ 189,911	\$ 27,345	\$ 1,750,000	\$ 377,335	\$ 224,928	\$ 2,549,519
C&I New Construction	\$ 189,911	\$ 27,345	\$ 1,750,000	\$ 377,335	\$ 224,928	\$ 2,549,519
7 C&I Retrofit	\$ 562,708	\$ 92,444	\$ 11,744,235	\$ 762,271	\$ 451,488	\$ 13,613,143
C&I Retrofit	\$ 258,075	\$ 36,346	\$ 8,377,235	\$ 379,491	\$ 220,154	\$ 9,271,300
C&I Direct Install	\$ 304,630	\$ 56,098	\$ 3,367,000	\$ 382,780	\$ 231,334	\$ 4,341,843
8 C&I Hard-to-Measure	\$ 86,899	\$ 62,450	\$ -	\$ -	\$ 9,591	\$ 158,740
C&I Statewide Marketing	\$ -	\$ 62,450	\$ -	\$ -	\$ -	\$ 62,450
C&I DOER Assessment	\$ 60,128	\$ -	\$ -	\$ -	\$ 9,591	\$ 69,719
C&I EEAC Consultants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
C&I Sponsorships & Subscriptions	\$ 26,571	\$ -	\$ -	\$ -	\$ -	\$ 26,571
GRAND TOTAL	\$1,961,383	\$815,546	\$27,666,375	\$3,167,675	\$1,971,133	\$35,582,112

Source:
 G:\12-001 Compact Efficiency 2012\2013-2015 EEP\20121102 & 12.20 DPU 12-107 Proceeding\2013.02.21 Compliance Filing\DPU 12-107_CLC_Ext. 4
 COMPLIANCE_2013-2015 08-50 Tables_Expanded_2013.02.13.xlsx

2014 Actuals (January Through April)

Program	PA Costs					
	PPA	Marketing	Incentives	STAT	EMV	Total PA Costs
Residential (total)	\$222,142	\$178,127	\$3,478,566	\$815,071	\$87,891	\$4,481,797
1 Residential Whole House	\$ 84,206	\$ 45,469	\$ 3,121,819	\$ 200,824	\$ 50,915	\$ 3,513,233
Residential New Construction	\$ 4,826	\$ 3,038	\$ 34,099	\$ 24,337	\$ 2,901	\$ 69,201
Residential Multi-Family Retrofit	\$ 4,776	\$ 1,892	\$ 22,130	\$ 11,335	\$ 2,090	\$ 42,222
Residential Home Energy Services	\$ 84,604	\$ 37,040	\$ 3,065,589	\$ 122,652	\$ 45,924	\$ 3,355,810
Residential Behavior/Feedback	\$ -	\$ 3,500	\$ -	\$ 42,500	\$ -	\$ 46,000
2 Residential Products	\$ 25,265	\$ 39,538	\$ 956,737	\$ 99,355	\$ 34,513	\$ 665,427
Residential Cooling & Heating Equipment	\$ 7,054	\$ 3,526	\$ 170,973	\$ 23,898	\$ 3,764	\$ 209,215
Residential Lighting	\$ 13,727	\$ 27,076	\$ 144,230	\$ 46,141	\$ 19,323	\$ 250,497
Residential Consumer Products	\$ 4,504	\$ 8,937	\$ 41,533	\$ 29,315	\$ 11,426	\$ 95,715
3 Residential Hard-to-Measure	\$ 102,851	\$ 83,120	\$ -	\$ 214,893	\$ 2,483	\$ 413,127
Residential Statewide Marketing	\$ -	\$ 53,456	\$ -	\$ -	\$ -	\$ 53,456
Residential DOER Assessment	\$ 100,059	\$ -	\$ -	\$ -	\$ 2,463	\$ 102,523
Residential EEAC Consultants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Sponsorship & Subscriptions	\$ 2,592	\$ -	\$ -	\$ -	\$ -	\$ 2,592
Residential HEAT Loan	\$ -	\$ -	\$ -	\$ 210,319	\$ -	\$ 210,319
Residential Workforce Development	\$ -	\$ -	\$ -	\$ 739	\$ -	\$ 739
Residential R&D and Demonstration	\$ -	\$ -	\$ -	\$ 3,835	\$ -	\$ 3,835
Residential Education	\$ -	\$ 39,664	\$ -	\$ -	\$ -	\$ 39,664
Low-income (total)	\$48,947	\$14,784	\$426,815	\$99,562	\$13,220	\$663,328
4 Low-income Whole House	\$ 31,158	\$ 5,356	\$ 426,815	\$ 99,562	\$ 12,578	\$ 575,469
Low-income New Construction	\$ 480	\$ 72	\$ -	\$ 471	\$ 371	\$ 1,394
Low-income Single Family Retrofit	\$ 25,833	\$ 4,563	\$ 353,156	\$ 80,154	\$ 11,051	\$ 474,757
Low-income Multi-Family Retrofit	\$ 4,844	\$ 721	\$ 73,659	\$ 18,937	\$ 1,157	\$ 99,319
5 Low-income Hard-to-Measure	\$ 17,790	\$ 9,428	\$ -	\$ -	\$ 642	\$ 27,859
Low-income Statewide Marketing	\$ -	\$ 9,428	\$ -	\$ -	\$ -	\$ 9,428
Low-income DOER Assessment	\$ 17,790	\$ -	\$ -	\$ -	\$ 642	\$ 18,431
Low-income Energy Affordability Network	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commercial & Industrial (total)	\$191,847	\$50,720	\$3,422,719	\$245,197	\$84,148	\$3,994,330
6 C&I New Construction	\$ 20,829	\$ 3,201	\$ 423,063	\$ 74,423	\$ 17,834	\$ 539,350
C&I New Construction	\$ 20,829	\$ 3,201	\$ 423,063	\$ 74,423	\$ 17,834	\$ 539,350
7 C&I Retrofit	\$ 79,783	\$ 15,430	\$ 2,999,856	\$ 170,773	\$ 64,242	\$ 3,329,895
C&I Retrofit	\$ 37,238	\$ 5,594	\$ 2,452,083	\$ 78,408	\$ 35,565	\$ 2,608,888
C&I Direct Install	\$ 42,555	\$ 9,837	\$ 547,572	\$ 92,366	\$ 28,677	\$ 721,008
8 C&I Hard-to-Measure	\$ 80,925	\$ 32,089	\$ -	\$ -	\$ 2,070	\$ 125,085
C&I Statewide Marketing	\$ -	\$ 32,089	\$ -	\$ -	\$ -	\$ 32,089
C&I DOER Assessment	\$ 80,925	\$ -	\$ -	\$ -	\$ 2,070	\$ 92,995
C&I EEAC Consultants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
C&I Sponsorships & Subscriptions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GRAND TOTAL	\$462,637	\$243,631	\$7,328,090	\$859,829	\$185,257	\$9,078,445


FOR 2014 11

ACCOUNTS FOR:		ORIGINAL	REVISED				AVAILABLE	PCT
8074	CAPE LIGHT COMPACT OPERTG FUND	APPROP	BUDGET	YTD ACTUAL	MTD ACTUAL	ENCUMBRANCES	BUDGET	USED
8074 4999	CLC OPERTG FD-TRANSFERS	0	.00	-1,124,783.00	.00	.00	1,124,783.00	100.0%
8074 5100	CLC OPERTG FD-SALARIES	0	182,219.00	188,436.65	6,878.96	.00	-6,217.65	103.4%*
8074 5213	CLC OPERTG FD-TELEPHONES	0	1,200.00	.00	.00	.00	1,200.00	.0%
8074 5214	CLC OPERTG FD-INTERNET/I	0	.00	.00	.00	.00	.00	.0%
8074 5233	CLC OPERTG FD-AUDIT/ACCT	0	130,000.00	78,568.75	.00	.00	51,431.25	60.4%
8074 5235	CLC OPERTG FD-LEGAL SERV	0	334,955.00	222,847.48	20,252.60	.00	112,107.52	66.5%
8074 5239	CLC OPERTG FD-CONTRACTUA	0	89,755.00	70,110.66	3,619.67	.00	19,644.34	78.1%
8074 5281	CLC OPERTG FD-OUTSTATE T	0	3,630.68	3,586.99	.00	.00	43.69	98.8%*
8074 5282	CLC OPERTG FD-IN STATE T	0	12,869.32	5,613.77	297.27	500.00	6,755.55	47.5%
8074 5291	CLC OPERTG FD-ADVERTISIN	0	15,532.69	12,359.49	2,392.60	2,272.21	900.99	94.2%*
8074 5294	CLC OPERTG FD-FREIGHT/SH	0	250.00	46.92	46.92	.00	203.08	18.8%
8074 5295	CLC OPERTG FD-PRINTG/COP	0	5,696.49	2,073.59	.00	1,752.47	1,870.43	67.2%
8074 5298	CLC OPERTG-LED ST LIGHTS	0	150,000.00	.00	.00	.00	150,000.00	.0%
8074 5361	CLC OPERTG FD-POSTAGE	0	11,512.02	5,961.80	286.41	3,756.23	1,793.99	84.4%
8074 5421	CLC OPERTG FD-ASSOC DUES	0	17,150.00	17,150.00	3,150.00	.00	.00	100.0%*
8074 5429	CLC OPERTG FD-SUBSCRIPTI	0	500.00	.00	.00	.00	500.00	.0%
8074 5463	CLC OPERTG FD-EQUIP RENT	0	3,000.00	.00	.00	.00	3,000.00	.0%
8074 5469	CLC OPERTG FD-MISC RENTA	0	.00	.00	.00	.00	.00	.0%
8074 5490	CLC OPERTG FD-GRANTS TO	0	402,745.00	402,745.00	.00	.00	.00	100.0%*
8074 5559	CLC OPERTG FD-COMPUTER E	0	2,000.00	1,624.51	.00	.00	375.49	81.2%
8074 5790	CLC OPERTG FD-TRNSFRS	0	.00	.00	.00	.00	.00	.0%
8074 5981	CLC OPERTG FD-RETIREMENT	0	26,000.00	17,521.81	.00	.00	8,478.19	67.4%
8074 5983	CLC OPERTG FD-GRP INSUR	0	17,000.00	17,314.35	875.31	.00	-314.35	101.8%*
8074 5984	CLC OPERTG FD-MEDICARE	0	3,764.00	2,622.17	94.41	.00	1,141.83	69.7%
TOTAL CAPE LIGHT COMPACT OPERT		0	1,409,779.20	-76,199.06	37,894.15	8,280.91	1,477,697.35	-4.8%
TOTAL REVENUES		0	.00	-1,124,783.00	.00	.00	1,124,783.00	
TOTAL EXPENSES		0	1,409,779.20	1,048,583.94	37,894.15	8,280.91	352,914.35	
PRIOR FUND BALANCE					20,441.52			
CHANGE IN FUND BALANCE					76,199.06			
CURRENT FUND BALANCE					96,640.58			




Energy Assessments for Municipalities

A New Approach



What are we currently doing?

- ▶ ASHRAE Level I and II audits for municipal buildings
- ▶ Prescribed approach with specific detailed requirements per ASHRAE Standard, as “required” by DOER for grant opportunities
- ▶ Identifies potential opportunities in buildings, but also provides extensive analysis of building operation & utility usage



Who are we doing it for?

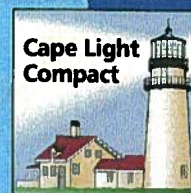
- ▶ Green Communities (West Tisbury, Tisbury, Mashpee, Provincetown, Truro), Green Community hopefuls
 - ▶ Applying for competitive grants or designation
- ▶ Municipal Buildings in CLC Territory
- ▶ Audience - facility managers, town administrators, selectmen, energy committees, volunteers with a wide variety of backgrounds and levels/types of expertise, program staff & DOER



DMI

What are the shortcomings of the current approach?

- ▶ Turnaround time is longer than desired due to detailed requirements of ASHRAE protocol and data gathering/engineering time
 - ▶ Additional time is needed after report delivery for costing, cost effectiveness screening, and other follow up
- ▶ Consulting cost & staff time is higher than desired for same reasons
- ▶ Report format provides extraneous information which can be overwhelming or confusing
- ▶ Next steps for program implementation of recommendations are not always clear



DMI

What are we proposing to change?

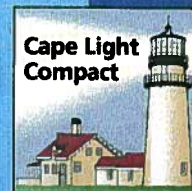
- ▶ New report format - pick the best and most useful aspects of the ASHRAE audit format and leave out the steps that add extraneous information or make the report difficult to complete in a timely manner
- ▶ Include roadmap for implementation of measures
- ▶ Include better pricing information
- ▶ Table required by DOER in their respective applications
- ▶ Cost effectiveness screening results for CLC program applicability



DMI

How will this benefit the customer and CLC?

- ▶ Faster turnaround time
- ▶ Lower engineering costs
- ▶ More useful, actionable report
- ▶ Prepopulated table for DOER grant application
- ▶ Easier for towns to implement results - next steps and implementation clearly laid out.
- ▶ Sets realistic expectations for CLC program applicability of identified measures



DMI

Next Steps

- ▶ Discussion: Staff is proposing that we use this format when any municipal assessment is requested for consistency, regardless of Green Community status
- ▶ Share proposed reconfiguration with DOER
 - ▶ Since ASHRAE Level 2 is not required, we do not anticipate an issue with this equivalent
- ▶ Board Vote to adopt proposed changes in June 2014



Sample Table

Energy Conservation Measures Summary												
Measure			Energy Data				Financial Data					
Building	ECM No.	Energy Conservation Measure	Projected Annual Savings (kBtu)	Projected Annual Natural Gas Savings (thousands)	Projected Annual Oil Savings (gallons)	Projected Annual Propane Savings (gallons)	Projected Annual Cost Savings (\$)	Total Installed Cost (\$)	Green Community Grant (\$)	Utility Incentives (\$)	Other Grants (\$)	Net Town Cost (\$)
Quabnet School	1	Condensing Boilers	-	2,499	-	-	\$ 3,081	\$ 94,236				
Quabnet School	2	Condensing DHW Heaters	-	384	-	-	\$ 475	17,214				
Quabnet School	3	High Eff. HVAC for Offices	9,984	1,595	-	-	\$ 3,743	\$ 89,994				
Quabnet School	4	New Energy Recovery Units	17,172	5,159	-	-	\$ 9,426	\$ 86,444				
Quabnet School	5	DCV in Gym	-	1,303	-	-	\$ 1,612	\$ 7,327				
Quabnet School	6	New Unit Vents w/ EC Motors	43,958	753	-	-	\$ 6,682	\$ 286,800				
Quabnet School	7	Two-way HW Valves w/ VFD Pumps	15,705	-	-	-	\$ 2,784	\$ 49,810				
Quabnet School	8	New DDC System	41,611	1,638	-	-	\$ 9,404	\$ 250,000				
Quabnet School	9	Lighting Fixture Upgrade	15,552	-	-	-	\$ 2,757	\$ 44,640				
BUILDINGS SUBTOTAL			143,083	11,832			\$ 48,336	\$ 800,980				
TOTAL NMBtu SAVINGS			491	1,181								



**Agenda Action Request
Cape Light Compact
Meeting Date: 5/21/14**



- Aquinnah*
- Barnstable*
- Barnstable County*
- Bourne*
- Brewster*
- Chatham*
- Chilmark*
- Dennis*
- Dukes County*
- Eastham*
- Edgartown*
- Falmouth*
- Harwich*
- Mashpee*
- Oak Bluffs*
- Orleans*
- Provincetown*
- Sandwich*
- Tisbury*
- Truro*
- Wellfleet*
- West Tisbury*
- Yarmouth*

Supplemental Budget Request for FY14 Salaries and Fringes

REQUESTED BY: *Margaret T. Downey*

Proposed Motion(s)

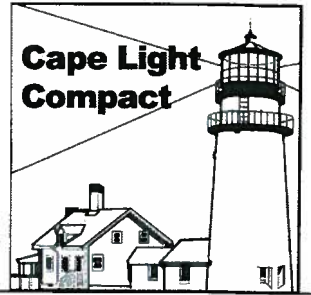
1) I move the Board vote to approve a supplemental budget for the Compact's FY14 operating budget in the amount of \$35,000 for salaries and \$15,000 for fringes. The total amount of the supplemental budget request is \$50,000.

The supplemental budget request is needed because the initial budget did not include overlap of Joe Soares and Stephan Wollenburg being on the payroll. They were both on the payroll as part of the transition in power supply staff.

Record of Board Action

Motion by:	Second by:	# Aye	# Nay	# Abstain	Disposition

**Agenda Action Request
Cape Light Compact
Meeting Date: 5/21/14**



- Aquinnah*
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- Mashpee*
- Oak Bluffs*
- Orleans*
- Provincetown*
- Sandwich*
- Tisbury*
- Truro*
- Wellfleet*
- West Tisbury*
- Yarmouth*

Grant to CVEC for Operating Budget and Establishment of a Loan for CVEC PV Projects

REQUESTED BY: *Peter Cocolis*

Proposed Motion(s)

- 1) *I move the Board vote to approve a grant to CVEC in the amount of \$403,455 for its operating budget.*
- 2) *I move that the Board vote to approve a loan to CVEC in the amount of \$100,000 for cash flow protection during the potential delay in NSTAR payment of net metering credits. The interest rate shall be 1.1% on a 6 month period, and the loan shall be prepayable.*

The grant to CVEC is consistent with the Compact Board vote to continue supporting CVEC's operating budget.

The loan is repayable to the Compact and will assist CVEC member towns with cash flow.

Record of Board Action

Motion by:	Second by:	# Aye	# Nay	# Abstain	Disposition

CAPE & VINEYARD ELECTRIC COOPERATIVE, INC.

FY 2014/2015 Budget Presentation

5/20/2014

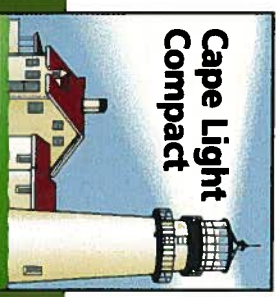
<u>EXPENSES</u>	<u>FY13/14 Budget</u>	<u>Year to Date Thru 5/8/2014</u>	<u>Projected Year End Total FY 13/14</u>	<u>FY14/15 Budget</u>
Legal	183,600.00	358,540.52	408,540.52	200,000.00
Filing Fees	150.00	150.00	150.00	150.00
Consulting/Professional Services	21,000.00	15,820.00	15,820.00	21,000.00
Insurance	14,250.00	13,994.00	13,994.00	14,250.00
Travel	10,000.00	5,077.03	5,877.03	6,000.00
Dues	1,200.00	1,200.00	1,200.00	1,200.00
Salaries - Engineer	58,080.00	4,621.51	4,621.51	0.00
Saleries - Administrator	63,906.00	0.00	0.00	0.00
Salaries - Special Projects Coordinator		31,043.65	51,067.65	63,466.00
Salaries Clerk		4,000.00	4,000.00	4,000.00
Fringes	24,018.00	4,267.18	4,782.79	18,848.00
Taxes	1,296.00	958.18	958.18	1,296.00
Financial Management Services		0.00	0.00	50,000.00
Supplies/Office Expenses	2,200.00	2,000.00	2,310.00	2,200.00
Professional Development	500.00	0.00	0.00	500.00
Engineering for PV	4,000.00	0.00	0.00	0.00
O&M for CVEC -7		0.00	0.00	5,000.00
Computer	3,500.00	1,034.82	1,034.82	0.00
Advertising	225.00	100.00	100.00	225.00
Audit Fees	10,500.00	11,000.00	11,000.00	11,000.00
Miscellaneous	4,320.00	6,353.35	6,853.35	4,320.00
<u>TOTAL EXPENSES</u>	402,745.00	460,160.24	532,309.85	403,455.00

LOAN for CVEC cashflow protection during potential delay in NSTAR payment of NMC: 100,000.00
 > Interest rate at 1.1% on 6 month period
 > Prepayable

Cape Light Compact REC Background

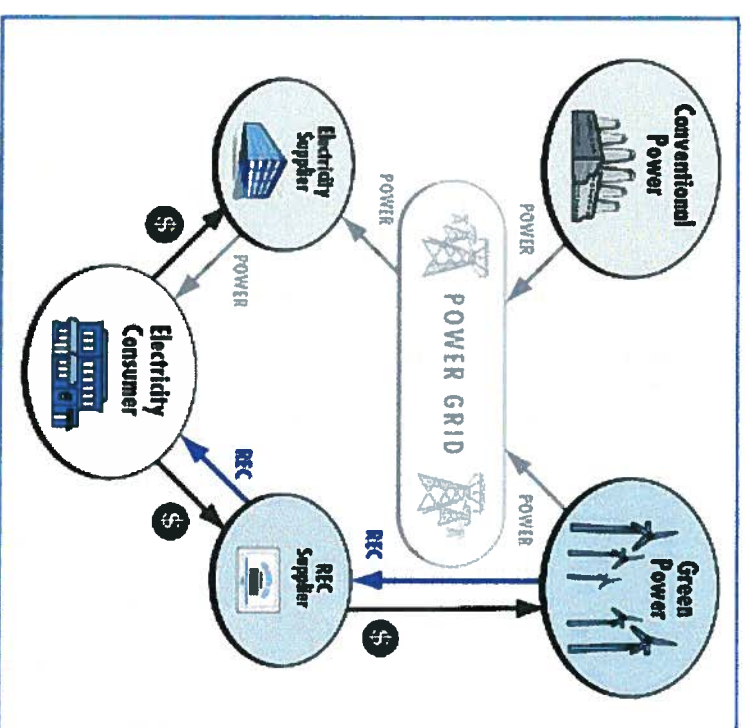
Compact Board Meeting

May 21, 2014



What is a REC?

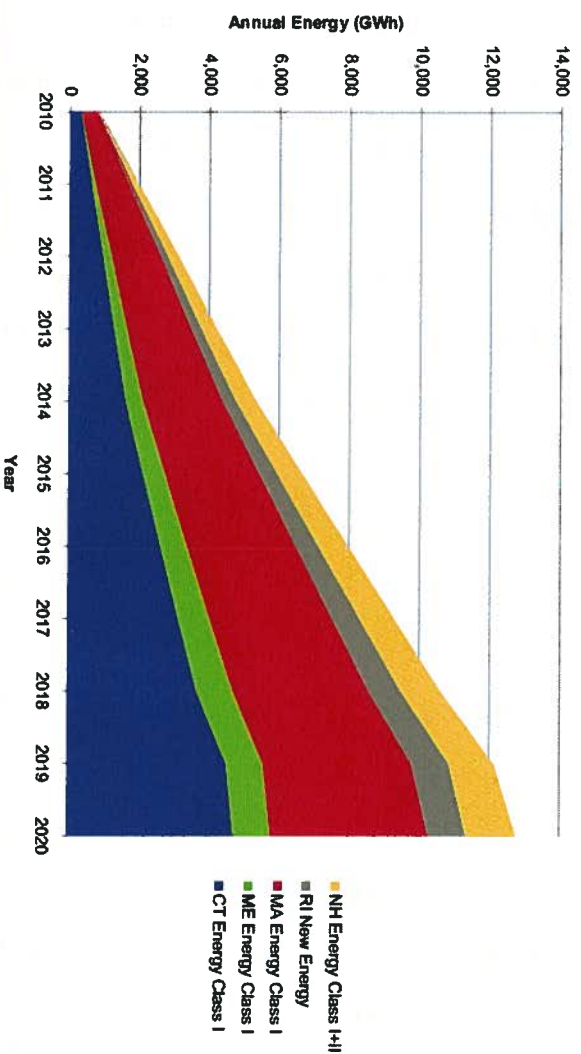
- A renewable energy certificate (REC)
- Represents all of the environmental attributes of renewable generation
- Used for RPS compliance (or retired voluntarily)
- Tracked in NEPOOL GIS



Why did CLC buy RECs?

- For use in CLC Green
- To hedge RPS compliance costs of aggregation

ISO Projection of Cumulative NE New RPS by State

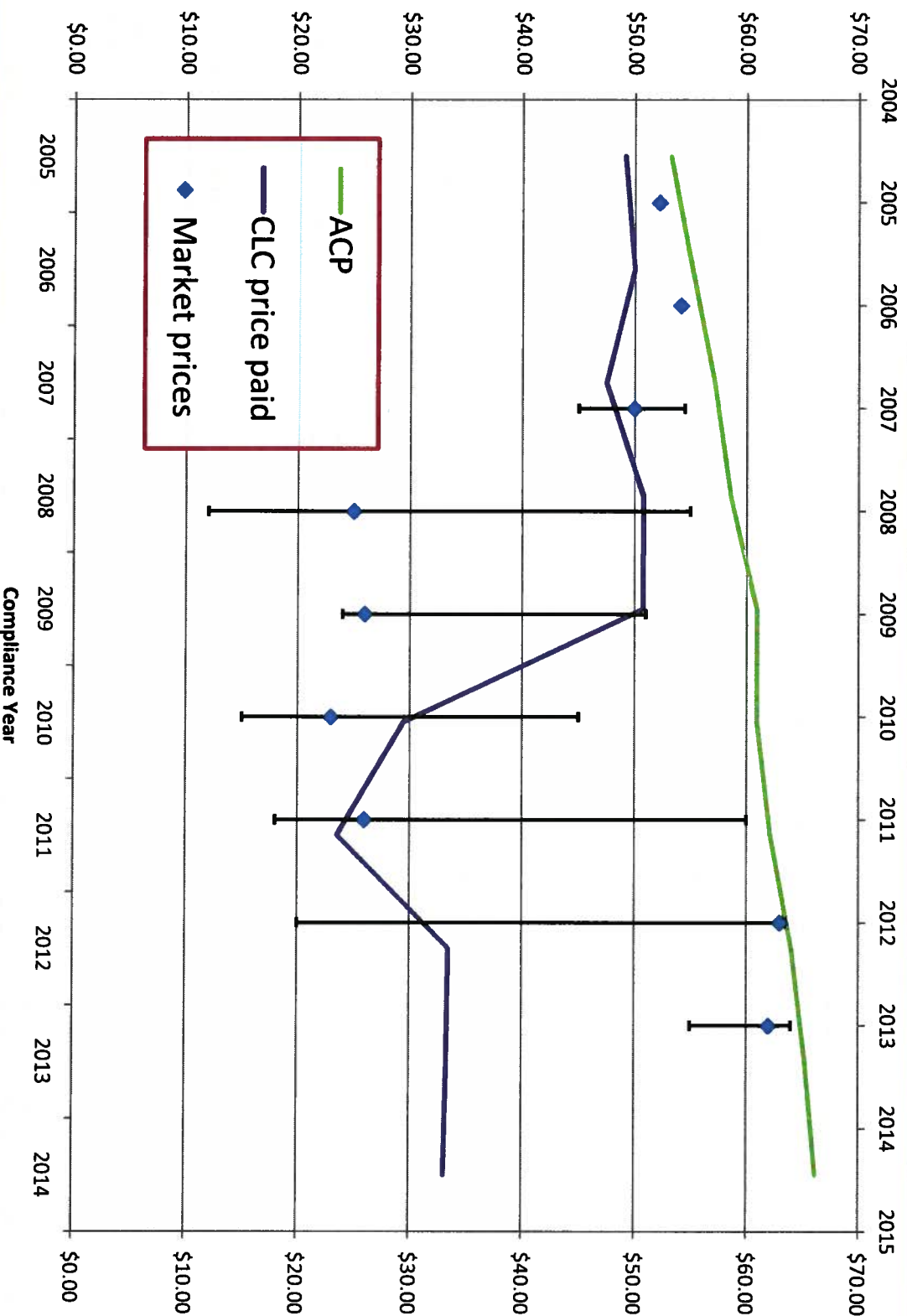


History

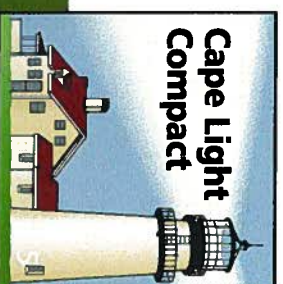
- Originally, Compact was responsible for purchasing RECs for RPS obligation
- When spot market prices fell, Board decided that they wanted supplier to be responsible for RPS RECs
- Compact was already under contract for RECs beyond what was required for CLC Green
- Excess RECs sold



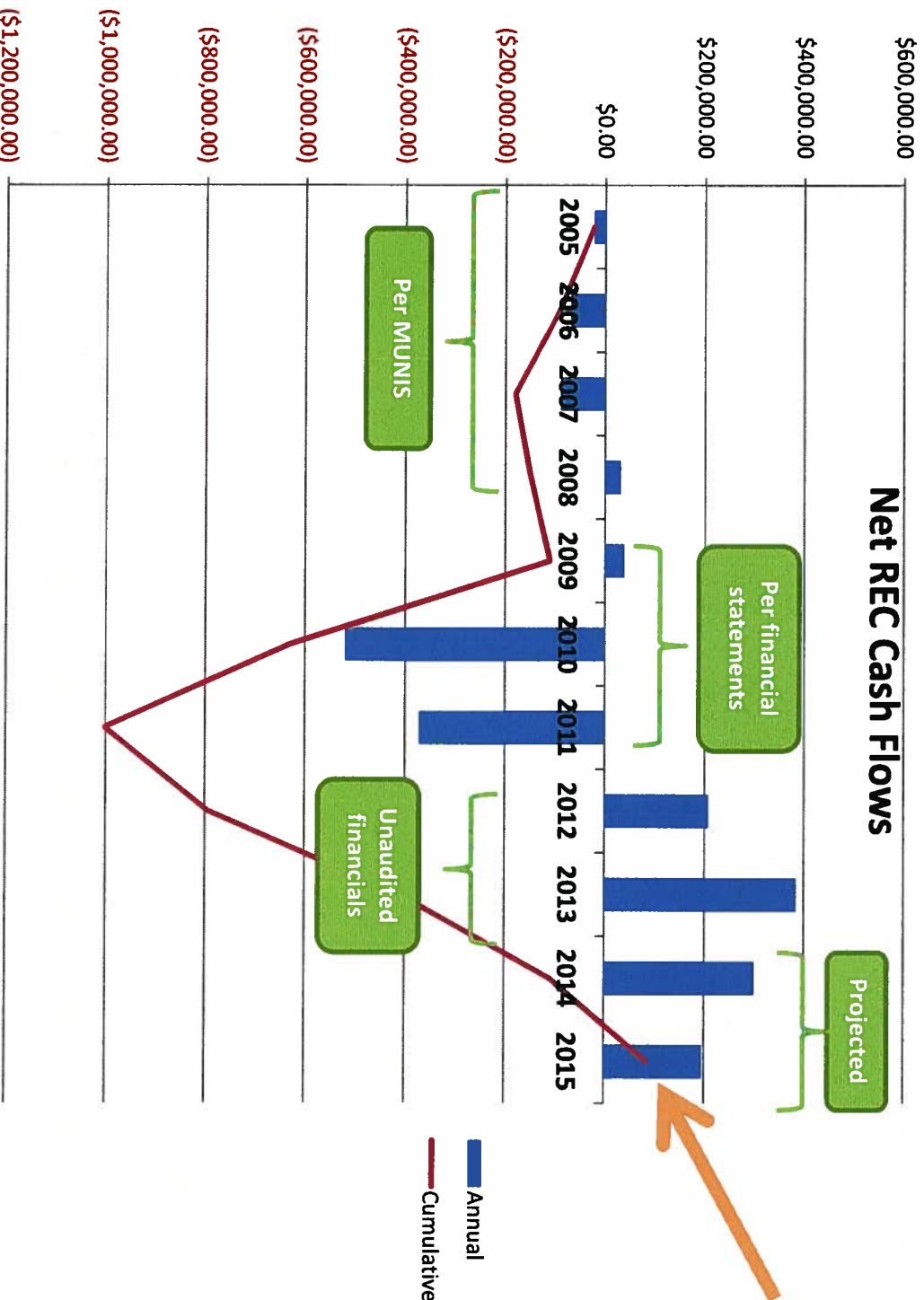
A look at pricing



Notes – all numbers are estimates – REC markets are not very liquid. Ranges based on reported prices (brokers reports or web). “Mark” represents best guess at average paid in market. 2004-2007 – ACP minus transaction costs. ‘08-’10 – NH RPS report. Other – price reported closest to trading period.



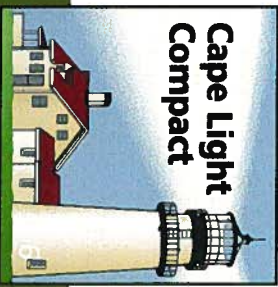
Financials of RECs



Projected cumulative net REC cash flows: \$85,000

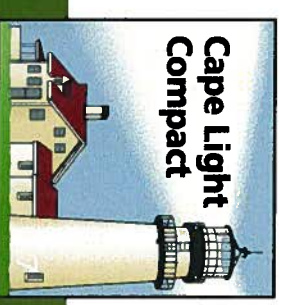
Notes

- Numbers exclude RECs purchased and used for CLC Green
- 2010 \$ number on graph is \$52,500 lower than in financials, as a revenue that was not attributable to REC sales was reclassified to the correct fund.
- 2014 and 2015 are projected.



Looking forward

- All but the Compact's contract with 750 kW of CVEC PV expire by March 31, 2015
- A small number of additional RECs will be needed for CLC Green – Chief Procurement Officer will negotiate for these
- CLC Board may consider whether it would want to resume purchasing RECs for RPS compliance



Cape Light Compact Power Supply Reserve Fund Balance as of 5/15/14 \$ 1,568,630.00
 Projected Cape Light Compact Power Supply Reserve Fund Balance as of 6/30/14 \$ 1,700,000.00
 Projected Cape Light Compact REC Revenue as of 6/30/15 \$ 278,000.00
 Projected FY15 Operational Adder Revenue as of 6/30/15 \$ 1,020,000.00

Cape Light Compact Fiscal Year 2015 (July 1, 2014 - June 30, 2015) Proposed Operating Budget

Item	FY 14	Proposed FY15	
Salaries	\$ 182,219.00	\$ 235,000.00	Stephan 100%, Maggie 100% Karen 25%, Lindsay 25%
Auditor	\$ 130,000.00	\$ 40,000.00	
Legal	\$ 383,105.00	\$ 390,302.00	
Contractual	\$ 45,000.00	\$ 45,000.00	RFP for CLC load
Outreach/Marketing Contractor		\$ 63,365.00	web redesign, brochures, media
Telephone	\$ 1,200.00	\$ 3,000.00	
IT County Support		\$ 24,000.00	
Travel Out-of-state		\$ 6,000.00	
Travel In-state	\$ 16,000.00	\$ 16,000.00	
Advertising - power supply	\$ 12,000.00	\$ 35,000.00	
Shipping	\$ 250.00	\$ 250.00	
Postage	\$ 11,000.00	\$ 13,000.00	
Sponsorships (formerly Association Dues)	\$ 11,000.00	\$ 18,000.00	Roundtable, Living Local, NECA, PTI, Rotary Show (1/2 events)
Subscriptions	\$ 1,500.00	\$ 500.00	
Printing	\$ 7,000.00	\$ 7,000.00	
Fringes	\$ 46,764.00	\$ 50,000.00	
Equipment Rental	\$ 5,000.00	\$ 5,000.00	
LED Streetlight Reserve	\$ 150,000.00	\$ 150,000.00	
Subtotal CLC Operating Budget	\$ 1,002,038.00	\$ 1,101,417.00	
OPEB Reserve		\$ 300,731.00	
CVEC Operating Grant	402,885	\$ 403,455.00	
CVEC Loan		\$ 100,000.00	
Total CLC FY 15 Operating Budget		\$ 1,604,872.00	

Agenda Action Request

Cape Light Compact

Meeting Date: 5/21/2014



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- West Tisbury
- Yarmouth

WAIVER OF INCENTIVE CAP

MASHPEE / QUASHNET SCHOOL COMPREHENSIVE RETROFIT

REQUESTED BY: *Nicole Price Voudren*

Proposed Motion(s)

1) *I move the Board vote to approve the waiver of the \$150k incentive cap for the Mashpee Quashnet School Comprehensive Retrofit Project, thereby allowing a total project incentive of \$305,795*

Additional Information

The Cape Light Compact caps its incentive for individual municipal projects at \$150k, with the proviso that the CLC Board may waive that cap as it deems appropriate. The proposed motion is to approve a waiver for the Mashpee Quashnet School Comprehensive Retrofit Project. This project has been over a year in the making. DMI conducted an ASHRAE Level II assessment of the school to identify these measures and RISE Engineering has scoped the project for implementation.

The Project facts are summarized as follows:

- Efficiency Measures: ECM #4 – Add Energy Recovery and Demand Controlled Ventilation (DCV) to Existing Rooftop Units, ECM #5 – Add DCV to the Gym, ECM #6 – Install New Unit Ventilators with Electrically Commutated Motors, ECM #7 – install variable speed hot water pumps with premium efficiency motors and two-way valves, & ECM #8 – Install a new Direct Digital Control (DDC) system
- Total Annual kWh savings: 118,446 kWh
- Total Annual Therm savings: 4,849 Therms
- Total Summer/Winter kW Demand savings: 27.8 / 14.0
- Payback without incentive: 11.69 Years
- Payback with incentive: .37 Years
- Total Project Cost: \$565,685
- Total Proposed Customer Incentive: \$305,795
- Total Cost to Town: \$259,890

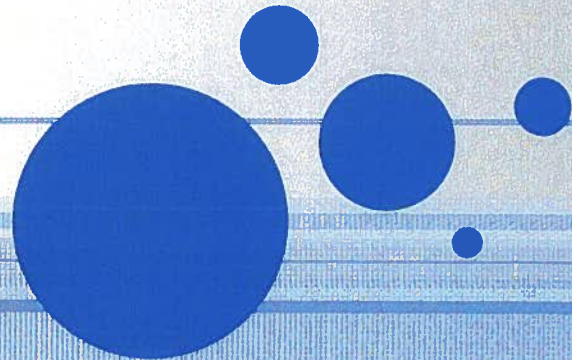
Record of Board Action

Motion by:	Second by:	# Aye	# Nay	# Abstain	Disposition



BEHAVIOR INITIATIVE UPDATE

C.A.P.E. Presence Pro Energy
Energy monitoring for your home and
business



IMAGINE IF YOU COULD...

- Monitor your electric usage in 15 minute increments
- Add in “controllable” plugs
- Include a security aspect
- Compare results with others in the community with fun prizes

... AND DO IT on a smart phone or tablet or computer





WHO

- Target participation from residential and commercial customers
- Partnership with town energy committees and/or other town departments or regional groups

WHEN

Target date mid-Summer to early Fall

WHAT

- Beta testing by partnership groups
- Competition between towns/groups to enroll interested customers
 - Target customer: Needs Wi-Fi, live on Cape Cod or Martha's Vineyard, and have access to the electric meter
- **Cash prizes for top three? Or performance-based?**





We want to help you save!

Answer the questions below to see if your household or business qualifies for the C.A.P.E. Presence Pro Energy Program. [More info.](#)

What's your zip code?	<input type="text"/>
Do you have electricity in this zip code at least 6 months per year?	<input type="radio"/> Yes <input type="radio"/> No
Can you access your electrical meter?	<input type="radio"/> Yes <input type="radio"/> No
Do you have a wifi router?	<input type="radio"/> Yes <input type="radio"/> No


Next >



Congratulations, you're eligible.

First Name	<input type="text"/>	Address	<input type="text"/>
Last Name	<input type="text"/>	Dunstable, MA 02830	
Email Address	<input type="text"/>	Phone Number	<input type="text"/>
Choose a Password	<input type="text"/>	Ex: 555-212-3456	
		Electric Account Number	<input type="text"/>
		Ex: 001-3234-5678	
Business or Residence?	<input type="radio"/> Business	<input type="radio"/> Residence	
Who referred you?	Briana Kane		
Select all the devices you have.	<input type="checkbox"/> iPhone	<input type="checkbox"/> iPad	<input type="checkbox"/> iPod Touch
	<input type="checkbox"/> Android Phone	<input type="checkbox"/> Android Tablet	<input type="checkbox"/> Computer
Are you willing to install a meter reader?	<input type="radio"/> Yes	<input type="radio"/> No	





Blue Line Meter

Connected

Comparisons

Energy Usage

See how you compare to others

Efficiency Challenge

Save money and the planet

Messages

Ways to save!

From Briana

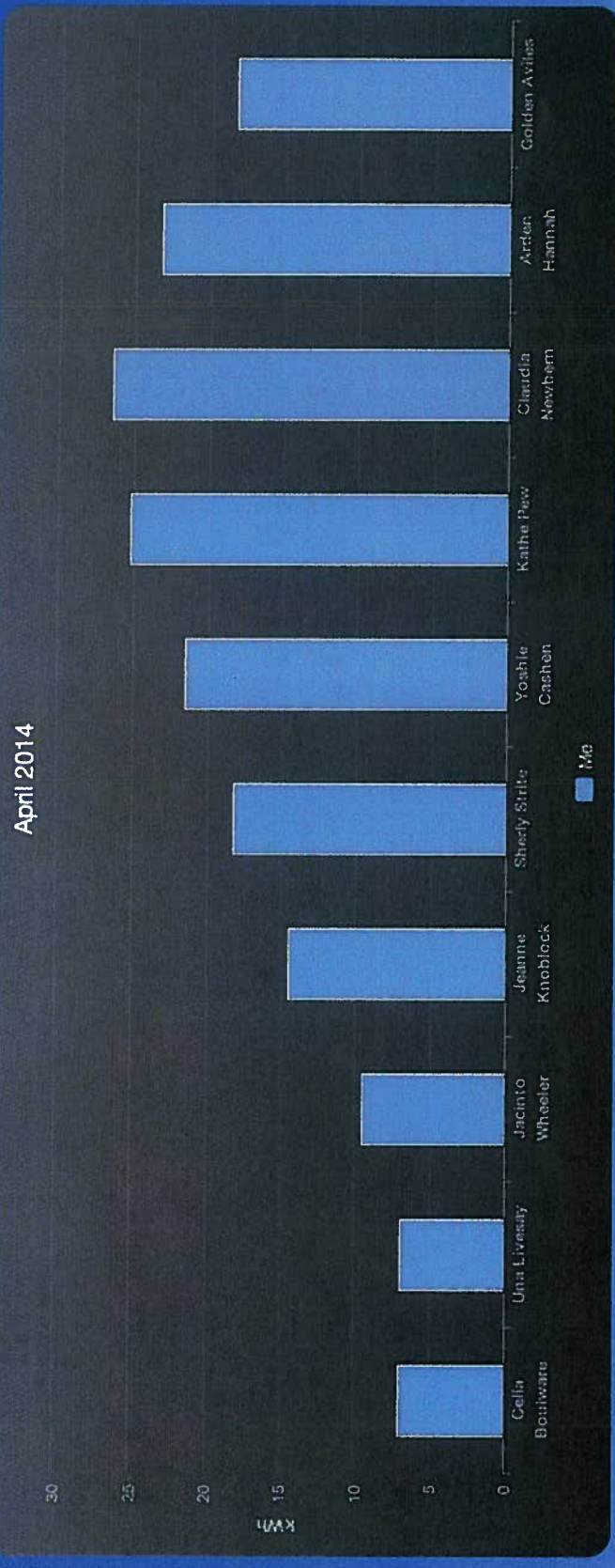
C.A.P.E. messages

Get the latest info

Presence Points

Points Balance

520 Total Points - Novice



\$58.40
 Average Monthly Spending

434 kWh
 Average Monthly Usage

59%
 Better than 59% of cape homes

Update Profile
 For accurate comparisons

Share