

Cape Light Compact Executive Committee & Governing Board Meeting

DATE: Wednesday, June 8, 2016
LOCATION: Innovation Room, Open Cape Building
3195 Main Street, Barnstable County Complex
TIME: 2:00 – 4:30 p.m.

AGENDA

- 2:00 – 2:10 Public Comment
- 2:10 – 2:20 Approval of Minutes
- 2:20 – 2:30 Treasurer’s Report, Potential Vote to Ratify Treasurer’s Approval of Contracts
- 2:30 – 2:40 Chairman’s Report
- 2:40 – 2:50 Update on Commercial & Industrial Program, Margaret Song
- 2:50 – 3:00 CVEC Update, Liz Argo
- 3:00 – 3:30 Power Supply Discussion on RECs and RPS requirements, Austin Brandt
- 3:30 – 3:50 Administrators’ Report:
Discussion and Potential Vote on FY17 Operating Budget
Update on Administrative Services Agreement
Legislative Update – House Energy Bill Overview, Jeff Bernstein
- 3:50 – 4:00 Board Member Update (Reserved for Updates on Member Activities the Chair Did Not Reasonably Anticipate Would be Discussed – No Voting)
- 4:00 – 4:30 Open Session Vote on entry into Executive Session pursuant to M.G.L. c. 30A §21(a)(3) and (a)(10) to discuss:
1. Review/Approval of Executive Session Minutes – Potential Vote to Release Executive Session Minutes
 2. Update on Compact and NGRID Agreement for Natural Gas Heated Homes
 3. Litigation strategy discussion regarding Electric Distribution Companies and Interstate Natural Gas Pipeline Capacity Contracts, DPU 15-181, DPU 16-05 and DPU 16-07; and
 4. Litigation strategies related to Grid Modernization and Plans filed by Massachusetts Distribution Companies (DPU 15-120 and 15-122)

**Cape Light Compact
Governing Board and Executive Committee
Open Session Meeting Minutes
Wednesday, May 11, 2016**

The Cape Light Compact Governing Board and Executive Committee met on Wednesday, May 11, 2016 in the Innovation Room, Open Cape Building, Barnstable County Complex, 3195 Main Street, Barnstable MA 02630 at 2:00 p.m.

PRESENT WERE:

1. Joyce Flynn, Chair, Yarmouth
2. Robert Schofield, Vice-Chair, Bourne
3. Peter Cocolis, Treasurer, Chatham
4. Ronald Zweig, Secretary, Falmouth
5. Sheila Lyons, Barnstable County @ 2:40
6. Richard Toole, Member at Large, Oak Bluffs – by phone
7. David Anthony, Barnstable
8. Deane Keuch, Brewster
9. Fred Fenlon, Eastham
10. Valerie Bell, Harwich
11. Joseph Buteau, Truro
12. Thomas Donegan, Provincetown
13. Joshua Peters, Sandwich
14. Richard Elkin, Wellfleet
15. Paul Pimentel, Edgartown – by phone

ABSENT WERE:

16. Michael Hebert, Aquinnah
17. Tim Carroll, Chilmark
18. John Ally, Dukes County
19. Tisbury – vacant
20. Mashpee - vacant
21. Chris Galazzi - Orleans
22. Brad Crowell, Dennis
23. Sue Hruby, W. Tisbury

Members physically present: 13
Members participating by phone: 2

LEGAL COUNSEL

Jeff Bernstein, Esq., BCK Law, PC

STAFF PRESENT:

Maggie Downey, Administrator
Austin Brandt, Power Supply Planner
Meredith Miller, Evaluation Manager
Phil Moffitt, Residential Manager
Lindsay Henderson, Analyst

Chr. Flynn called the meeting to order at 2:02 p.m. stating the Meeting Notice/Agenda had been duly posted on the Cape Light Compact website in accordance with the Open Meeting Law. The Chair acknowledged remote participation of R. Toole and P. Pimental who were unable to attend in person due to other obligations. She also inquired if anyone was recording the meeting, which there wasn't

PUBLIC COMMENT

There were no members of the public present.

CONSIDERATION OF MEETING MINUTES

The Board considered the April 13, 2016 Meeting Minutes. *R. Schofield moved the Board vote to accept the minutes, seconded by P. Cocolis and voted by roll call as follows:*

- | | | | |
|----------------------------|-----|-------------------------------|-----|
| 1. D. Anthony – Barnstable | Yes | 9. R. Toole – Oak Bluffs | Yes |
| 2. R. Schofield - Bourne | Yes | 10. T. Donegan - Provincetown | Yes |
| 3. D. Keuch – Brewster | Yes | 11. J. Peters - Sandwich | Yes |
| 4. P. Cocolis – Chatham | Yes | 12. J. Buteau – Truro | Yes |
| 5. F. Fenlon – Eastham | Yes | 13. R. Elkin - Wellfleet | Abs |
| 6. P. Pimentel – Edgartown | Yes | 14. J. Flynn – Yarmouth | Yes |
| 7. R. Zweig – Falmouth | Yes | | |
| 8. V. Bell – Harwich | Yes | | |
- Motion carried in the affirmative (13-0-1)*

TREASURER’S REPORT

P. Cocolis reviewed the Contract Summary sheet listing Contracts and Amendments he has approved, since the last Board meeting, which have been forwarded to the County Commissioners for execution and requested the Board vote to ratify his actions. He stated that the Compact is required by the state to use certain vendors for the low income programs, and Housing Assistance Corporation is the authorized statewide agency for the Compact’s Territory. Navigant Consulting does evaluation work for the Compact.

P. Cocolis moved the board vote to ratify the actions of the Compact Treasurer relative to Compact contracts from April 13, 2016 through May 11, 2016. 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, seconded by R. Schofield and voted by roll call as follows:

- | | | | |
|----------------------------|-----|-------------------------------|-----|
| 1. D. Anthony – Barnstable | Yes | 9. R. Toole – Oak Bluffs | Yes |
| 2. R. Schofield - Bourne | Yes | 10. T. Donegan - Provincetown | Yes |
| 3. D. Keuch – Brewster | Yes | 11. J. Peters - Sandwich | Yes |
| 4. P. Cocolis – Chatham | Yes | 12. J. Buteau – Truro | Yes |
| 5. F. Fenlon – Eastham | Yes | 13. R. Elkin - Wellfleet | Yes |
| 6. P. Pimentel – Edgartown | Yes | 14. J. Flynn – Yarmouth | Yes |
| 7. R. Zweig – Falmouth | Yes | | |
| 8. V. Bell – Harwich | Yes | | |
- Motion carried in the affirmative (14-0-0)*

P. Cocolis reviewed the Energy Efficiency budget for 2016 through April 30. He stated that some of the contracts had been delayed in being executed, which has created delays in processing invoices, but that has been resolved.

P. Cocolis then reviewed the Operating Fund budget and mentioned that the supplemental budget, approved at last month’s Board meeting. has not been included yet in the budget that the Board was seeing today.

CHAIRMAN’S REPORT

Chr. Flynn thanked Joe Buteau from Truro for organizing and maintaining the acronym list and defining them so that the Board understands what they are.

Looking forward to when new members join the Board, Chr. Flynn asked the newer board members if it would help to have had a folder when they started with information such as the Inter-Governmental Agreement,

Aggregation Plan, etc. to help them understand the Compact and also get assigned a “buddy” system. As a result of a positive response, M. Downey was requested to work with Chr. Flynn to create a packet for new board members.

Chr. Flynn asked if the Board wished to host a meeting or gathering for the newly elected state and county candidates this fall, to educate them about the Compact and what the Compact does.

She asked that Board Members wear blue at the June Board meeting to show their appreciation for Compact staff.

ADMINISTRATOR’S REPORT

- 2nd Draft of FY17 Operating Budget

M. Downey stated that she has now received a proposed budget from the County for which she was waiting. She mentioned that there are still two line item amounts that will change from now to June as we are waiting for additional information. One amount is the charge for public officials’ insurance (from Massachusetts Interlocal Insurance Agency (MIIA) and the other is the marketing consultant amount. All of other numbers in the draft Compact budget are the same as what they had been in April, except the items relating to the County. M. Downey stated that the County rent went from \$12.99/sq. ft. to \$17.99/sq. ft. DCAMM (Division of Capital Asset Management and Maintenance) performs a review of the rent amounts in the area to see what the state agencies should pay. She said that the Courts and District Attorney will be paying \$17.99/sq. ft. and those amounts are good for 3 years. J. Buteau asked if it was worth pursuing other properties, given that large of an increase. M. Downey stated that she has done some research and the price is comparable to other places she has looked at. D. Anthony said that without an executed lease there could be some leverage for a lower price if the County wants to have the luxury of being able to give notice for the tenants to vacate on a short term. M. Downey will revisit the lease issue with the County to try and get a finalized document. M. Downey stated that once the MIIA information is finalized, she will invite the County Administrator and Director of Finance to attend a Board meeting to explain the policy to board members. This policy covers board members and staff, and board members may also be covered under the town policies.

M. Downey stated that she will need a quorum at the June meeting in order to approve the FY17 budget.

- Update on Administrative Services Agreement

M. Downey stated that she has no update from County. The County has been focusing on finalizing the budget. Now that the FY17 County budget process is completed, the Commissioners will need to make this a priority in order to finalize the Agreement, and M. Downey stated she will speak with Commissioner Lyons to have this addressed.

S. Lyons arrived at 2:40 p.m.

- Legislative Update

M. Downey stated that she was notified that Representative Hunt, and Representative Whelan, cosponsored legislation to “promote transparency in municipal aggregator reporting” as a proposed amendment to the state budget which is highly unusual, as this doesn’t go through the regular legislative process and the proposed amendment is not about the state budget. M. Downey stated that the Compact already provides annual reports and audits to the towns annually, and energy efficiency reports are sent

on a monthly basis. D. Anthony suggested that the Board invite Rep Hunt and Rep. Whelan to our meeting to discuss this, as we want to understand more about the intent of this amendment. R. Elkin inquired as to whether the Reps feel that the Compact is doing something wrong. If they don't come to the meeting, then we will have at least tried to reach out and discuss their concerns with them. R. Zweig suggested notifying the towns and having them send a letter stating that the Compact is already providing this information to them. J. Peters stated that it was important to look into this, but not act defensively. Chr. Flynn suggested that we include a copy of our latest annual report with the letter that is sent to them.

- Other

M. Downey stated that the fiscal year end is coming up and that if board members wish to expense mileage for attending Compact meetings for the period of July 1, 2015 – June 8, 2016, then they need to be submitted to her by June 15th. She will send out the expense report to board members, and can also reimburse the Vineyard members for the cost of the ferry as long as receipts are provided. She reminded the Board that they need to provide either MapQuest directions (only one for all dates) or provide odometer readings to verify the mileage.

M. Downey stated that the Compact applied for a \$250,000 grant through the Massachusetts Clean Energy Center to leverage PV on low income housing. She said that we will know in June if we are awarded the grant and will need to have all projects installed by June 30, 2017.

She stated that Margaret Song will be sending out a letter with flyers for the commercial new construction program to all the town building departments for them to put on their counters.

M. Downey stated that the Compact has shirts for when board members represent the Compact in the field and to see Lindsay Henderson after the meeting.

M. Downey has spoken with a Mashpee selectman regarding the current Mashpee vacancy on the Compact Board.

UPDATE ON BEHAVIOR INITIATIVE AND DEMAND RESPONSE OFFERING

M. Downey stated that the evaluation has been completed on the current energy efficiency behavior program, and that it is not favorable for us to continue the program because it is not cost-effective. She said that we are ceasing enrollments and terminating the program. She states that she thinks that some of these customers may be good candidates for the Compact's Demand Response program. when that is rolled out.

BOARD MEMBER UPDATE

D. Anthony stated that the Town of Barnstable will be having a new Town Manager as of July 1. He doesn't anticipate any changes, and Mark Ells has been a big supporter of CLC.

R. Elkin stated that when Wellfleet did Solarize Wellfleet, they got a program where they could find out how much solar energy you can produce.

S. Lyons stated that the Town of Wellfleet's Assembly of Delegate member moved leaving a vacancy on the Board. The Board of Selectmen appointed Lilli Green as the Interim member until the November election even though her application was submitted after the deadline.

EXECUTIVE SESSION

At 3:15 p.m. Chr. Flynn moved that the Board enter into Executive Session pursuant to MGL Chapter 30A §21(a) 3 to discuss strategy with respect to pending regulatory litigation relative to the Electric Distribution Companies and Interstate Natural Gas Pipeline Capacity Contracts, DPU 15-181, DPU 16-05 and DPU 16-07 and Grid Modernization Plans filed by MA Distribution Companies, DPU 15-120 and 15-122. Chr. Flynn declared that an open session may have a detrimental effect on the Cape Light Compact's litigating position and noted that the Governing Board would not return to Open Session at the conclusion of Executive Session.

Seconded by R. Schofield and voted by roll call as follows:

- | | | | |
|----------------------------|-----|----------------------------------|-----|
| 1. D. Anthony – Barnstable | Yes | 9. R. Toole – Oak Bluffs | Yes |
| 2. R. Schofield - Bourne | Yes | 10. T. Donegan - Provincetown | Yes |
| 3. D. Keuch – Brewster | Yes | 11. J. Peters - Sandwich | Yes |
| 4. P. Cocolis – Chatham | Yes | 12. J. Buteau – Truro | Yes |
| 5. F. Fenlon – Eastham | Yes | 13. R. Elkin - Wellfleet | Yes |
| 6. P. Pimentel – Edgartown | Yes | 14. J. Flynn – Yarmouth | Yes |
| 7. R. Zweig – Falmouth | Yes | 15. S. Lyons – Barnstable County | Yes |
| 8. V. Bell – Harwich | Yes | | |

Motion carried in the affirmative (15-0-0)

Meeting adjourned at 4:29 p.m.

Respectfully submitted,
Lindsay Henderson

LIST OF DOCUMENTS & EXHIBITS

- Meeting Notice/Agenda
- April 13, 2016 Meeting Minutes – draft
- Summary of Contracts – April 13, 2016 – May 11, 2016
- FY16 Operating Budget Report dated 5/11/16
- 2016 EE Budget Report
- 2nd Draft FY17 Budget
- BCK Memo – Legal Services Budget for FY2017
- Amendment #1025 to H.4200

Agenda Action Request Cape Light Compact Meeting Date: 6/8/2016



- 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*

Ratify Actions of Treasurer

REQUESTED BY: Peter Cocolis

Proposed Motion(s)

I move the Board vote to ratify the actions of the Compact Treasurer relative to Compact contracts from May 11, 2016 through June 6, 2016.

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

- **This motion is consistent with the Board's March 11, 2015 vote to establish a contract review process**

Record of Board Action

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

FOR 2016 12

	ORIGINAL APPROP	REVISED BUDGET	YTD EXPENDED	MTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	% USED

120 CAPE LIGHT COMPACT							

8074 CAPE LIGHT COMPACT OPERTG FUND							

8074 5100		CLC OPERTG FD-SALARIES					
	0.00	218,086.00	199,221.75	7,135.47	0.00	18,864.25	91.4%
8074 5213		CLC OPERTG FD-TELEPHONES					
	0.00	3,000.00	153.72	0.00	156.28	2,690.00	10.3%
8074 5220		CLC OPERTG FD-UTILITIES					
	0.00	4,500.00	3,644.53	0.00	0.00	855.47	81.0%
8074 5233		CLC OPERTG FD-AUDIT/ACCTG SVCS					
	0.00	29,800.00	13,406.12	0.00	0.00	16,393.88	45.0%
8074 5235		CLC OPERTG FD-LEGAL SERVICES					
	0.00	299,375.00	166,635.64	0.00	0.00	132,739.36	55.7%
8074 5238		CLC OPERTG FD-IT COUNTY SUPPRT					
	0.00	8,750.00	8,750.00	0.00	0.00	0.00	100.0%
8074 5239		CLC OPERTG FD-CONTRACTUAL					
	0.00	86,566.00	59,832.23	3,641.50	16,215.00	10,518.77	87.8%
8074 5244		CLC OPERATG FD-PROFESS DEVELOP					
	0.00	5,000.00	1,160.00	0.00	0.00	3,840.00	23.2%
8074 5270		CLC OPERATG FD-CUSTO/MAIN-CNTY					
	0.00	9,226.00	9,226.00	0.00	0.00	0.00	100.0%
8074 5281		CLC OPERTG FD-OUTSTATE TRAVEL					
	0.00	6,000.00	2,101.75	0.00	0.00	3,898.25	35.0%
8074 5282		CLC OPERTG FD-IN STATE TRAVEL					
	0.00	16,000.00	15,310.81	0.00	53.57	635.62	96.0%
8074 5291		CLC OPERTG FD-ADVERTISING					
	0.00	55,561.00	40,284.98	0.00	11,658.10	3,617.92	93.5%
8074 5293		CLC OPER-OUTRCH/MARKETG CONTRC					
	0.00	76,520.75	72,450.23	0.00	1,875.00	2,195.52	97.1%
8074 5294		CLC OPERTG FD-FREIGHT/SHIPPG					
	0.00	250.00	35.14	0.00	0.00	214.86	14.1%
8074 5295		CLC OPERTG FD-PRINTG/COPYG					
	0.00	13,727.30	7,944.95	0.00	3,900.31	1,882.04	86.3%
8074 5298		CLC OPERTG-LED ST LIGHTS-CONTR					
	0.00	12,944.25	0.00	0.00	0.00	12,944.25	.0%
8074 5320		CLC OPERTG FD-FOOD SUPPLIES					
	0.00	500.00	447.89	0.00	0.00	52.11	89.6%
8074 5361		CLC OPERTG FD-POSTAGE					
	0.00	13,851.52	7,817.28	0.00	4,147.96	1,886.28	86.4%
8074 5399		CLC OPERTG FD-SUPPLIES					
	0.00	2,000.00	636.07	0.00	25.31	1,338.62	33.1%

FOR 2016 12

	ORIGINAL APPROP	REVISED BUDGET	YTD EXPENDED	MTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	% USED
8074 5421							
	0.00	30,000.00	26,214.96	0.00	0.00	3,785.04	87.4%
8074 5429							
	0.00	2,500.00	0.00	0.00	0.00	2,500.00	.0%
8074 5433							
	0.00	8,208.51	7,651.96	0.00	0.00	556.55	93.2%
8074 5462							
	0.00	17,500.00	17,500.00	2,774.56	0.00	0.00	100.0%
8074 5463							
	0.00	10,000.00	0.00	0.00	0.00	10,000.00	.0%
8074 5499							
	0.00	200.00	38.44	0.00	0.00	161.56	19.2%
8074 5981							
	0.00	45,481.00	45,481.00	0.00	0.00	0.00	100.0%
8074 5983							
	0.00	33,557.00	16,572.34	623.64	0.00	16,984.66	49.4%
8074 5984							
	0.00	3,217.00	2,780.31	99.43	0.00	436.69	86.4%
8074 5990							
	0.00	4,791.49	4,791.49	0.00	0.00	0.00	100.0%
TOTAL EXPENSES							
	0.00	1,017,112.82	730,089.59	14,274.60	38,031.53	248,991.70	
GRAND TOTAL							
	0.00	1,017,112.82	730,089.59	14,274.60	38,031.53	248,991.70	75.5%

** END OF REPORT - Generated by Maggie Downey **

The Wonderful World of RECs

A Three-Part Mini-Series

Part 1: The Basics

June 8, 2016

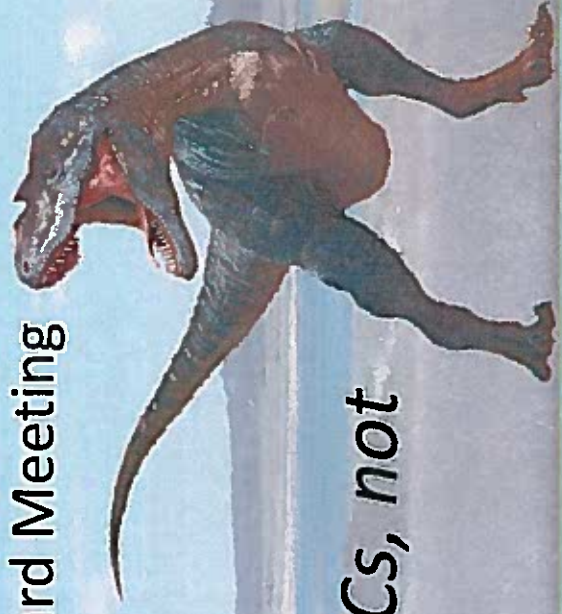
Cape Light Compact Governing Board Meeting

By: Austin Brandt, Power Supply Planner

**Cape Light
Compact**

RECs, not

Working Together Toward A Smarter Energy Future



In this episode...

- Terminology
- Why have a Renewable Portfolio Standard?
- Why do RECs exist?
- The Basics: Renewable energy markets in the U.S.
- The Basics: Renewable energy certificates
- RPS & RECs in MA
- Sneak peak of the next episode
- Questions?



Terminology

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- RPS – Renewable Portfolio Standard: “...a statutory obligation that suppliers [...] obtain a percentage of electricity from qualifying Units for their retail customers.” <http://www.mass.gov/eea/energy-utilities-clean-tech/renewable-energy/rps-aps/rps-and-aps-program-summaries.html>
- APS - Alternative Portfolio Standard: related program for alternative, non-renewable energy technologies, such as Combined Heat and Power (CHP)
- REC – Renewable Energy Certificate: a non-tangible certificate that represents 1 MWh (1,000 kWh) of electricity generated by a state-qualified renewable energy source.

Terminology (cont.)

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- LSE – Load-Serving Entity: Companies (competitive suppliers or distribution companies) that sell electricity to customers (e.g., ConEdison Solutions)
 - CLC is not a LSE, but CLC’s power suppliers are
- NEPOOL GIS – New England Power Pool Generation Information System: web-based REC accounting system, where RECs are recorded, traded, and reserved/retired.

Setting: Why have a RPS?

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- Many states have public policy goals related to supporting and expanding renewable energy resources
- Most electric generation is privately developed and owned. However, states retain authority to regulate the distribution and sale of electricity.
- All else being equal (without RPS or additional incentives), private energy developers tend to develop traditional thermal energy/fossil fuel resources because they are dispatch-able and therefore provide a greater degree of reliability. They are often cheaper on a per kW basis.
 - This creates a “missing money” problem
- RPS helps solve the missing money problem by creating a separate renewable market that enables and incentivizes private entities to invest development capital in order to meet public policy goals.

Setting: Why do we have RECs?

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- Electricity is different than most other commodities in that the product (electrons) flowing through the power grid can almost never be traced back to a specific source.
- However, there is demand for electricity from certain types (e.g., renewable) of resources due to their characteristics. In order for the consumer(s) to financially incentivize preferred types of resources above others, payment needs to be directed towards resources with the desired characteristics, despite being unable to exclusively purchase the electrons themselves from that resource.

Setting: Why do we have RECs?

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- To capture the characteristics (including environmental) of the electricity being produced (where, when, how it was produced, associated emissions, etc.), certificates are created for every MWh a generator produces. These are traded separately from the electricity itself, and have a separate value. When a certificate is produced from a renewable resource (as qualified by the appropriate state agency), it is called a REC.
- RECs are special because they can participate in voluntary or mandatory renewable energy markets
- Electricity + REC = Renewable Energy
 - Electricity – REC ≠ Renewable Energy

The Basics: U.S. Renewable Energy Markets

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- Renewable standards or goals are market-based mechanisms – the state sets a minimum requirement or target for LSEs to acquire, mints RECs from qualifying generators, and then LSEs are responsible for acquiring the necessary RECs from the qualified generators.
- There are two main types of REC markets:
 - Mandatory/Compliance: States/territories require utilities (some or all) to meet a certain percentage of their load with RECs, per RPS requirements. This creates demand for RECs, and provides the basis of their value.
 - Goals/Voluntary: Entities (states, companies, or consumers) may set non-enforceable goals to meet a certain percentage of their load with RECs. RECs from renewable resources qualified only within these markets tend to have a lower value.

The Basics: U.S. Renewable Energy Markets

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- As of 2016, 29 states + D.C. have mandatory RPS requirements, 8 states have voluntary goals

<http://www.ncsl.org/research/energy/renewable-portfolio-standards.aspx>

The Basics: Renewable Energy Certificates

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- There are many different types of RECs, which can be differentiated by:
 - Type of generation resource (e.g., solar, wind, hydro)
 - When resource was constructed
 - State/jurisdiction resource is located in, etc..
- RECs types are defined and RECs are “minted” at the state level according to respective RPS laws & regulations
- Different types of RECs have different economic value and impact on renewable energy development
- Each REC has a unique identifier (serial number)

MA Legislative Background

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- 1997 MA Restructuring Act provided for a renewable portfolio standard
- In 2002, MA Dept. of Energy Resources (DOER) adopted RPS regulations
 - Began with obligation of 1% in 2003 and increased 0.5% annually until reaching 4% in 2009
- 2008 Green Communities Act expanded RPS, created RPS Class I and Class II distinctions
 - Requires Class I obligation to increase by 1% annually, Class II remains flat

How it works in MA:

- A renewable resource is built
 - The developer either retains or sells the rights to the associated RECs
- DOER qualifies the resource for RPS participation based on its type
- The electricity produced by the resource is used on site or sold (either through net metering or on the wholesale market)
- The system's electricity production is tracked and reported monthly to DOER



How it works in MA (cont.):

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- Every 3 months, DOER mints 1 REC for every MWh of electricity produced and reported, according to resource type and production month (vintage)
- The REC owner (not necessarily the same as the resource owner) is assigned the REC on the NEPOOL GIS
- The REC owner can sell or retire the REC
 - LSEs meet their RPS obligation by retiring RECs, so that they cannot be resold

Tune in for Part 2 ... (at the July 13 board meeting)

- Voluntary green programs
 - How they can help drive renewable energy development
 - Current CLC Green program model
 - Other voluntary green program models
- Different types of RECs
 - In MA and elsewhere
 - Pricing across different REC types
 - How different REC types drive (or don't drive) new renewable energy development
 - How RPS/RECs affects retail pricing



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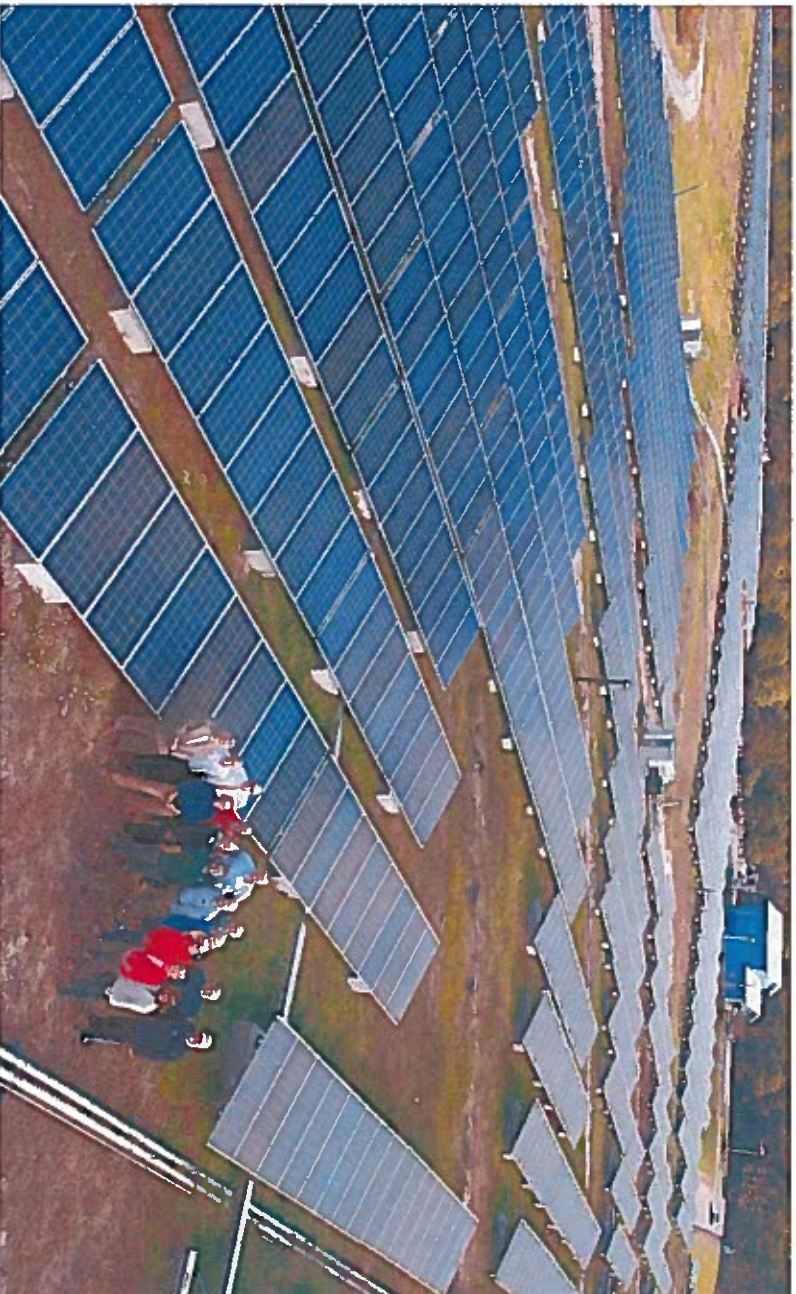


Questions?



Cape & Vineyard Electric Cooperative, Inc.

6.7.16



Liz Argo, Manager, Programs & Administration



Cape & Vineyard Electric Cooperative, Inc. Municipal Net Metered Power

Review of Savings and Earnings from CVEC PV Portfolio: March 1, 2015 to February 29, 2016

One year time period with 4 projects still running at under a year of production *

* Orleans Capped Landfill, DY High School GM, Barnstable Fire District, and Airport didn't come online until April 2015

	Net Savings in yr period		
PROJECT GROUP	NAMEPLATE RATING	NET SAVINGS	Savings per kilowatt
Round 1 Projects (8)	16,205 kW (16 MW)	\$ 1,837,709.00	\$ 113.40
Round 2 Projects - Large (6)	9,453 kW (9.5 MW)	\$ 954,399.00	\$ 100.96
Round 2 Projects - Small Behind-the-	2,144 kW (2.14 MW)	\$ 265,660.05	\$ 123.91
Con Edison Solutions - Small Behind-	760.67 kW (.76 MW)	\$ 33,670.25	\$ 44.24
			* Higher PPA @ \$0.135 = Less benefit
Total Projects (32)	28,563kW (28.56 MW)	\$ 3,091,438.30	With 4 projects still short of one-year



Cape & Vineyard Electric Cooperative, Inc.

Recent Accomplishments

- EBCNE Award for “Outstanding Environmental - Energy Technology Application Award”
- Community Clean Energy Resiliency Initiative Grant- \$1.46 Million from DOER
- Additional non-CVEC projects to bring fixed-price net metering credit benefits to CVEC off-takers
- CVEC's 100kW Behind-the-Meter projects as ISO-NE On-Peak Hours Resources
- Spoke on Community Solar at SEPA & SEIA "Solar Power PV Conference and Expo" in February
- Presentation to town staff and volunteers following all projects achieving over four months of net metering credit transactions
- Comprehensive revision to Schedule Zs on behalf of 19 CVEC participants sharing in the distribution of CVEC's net metering credits



Cape & Vineyard Electric Cooperative, Inc.

The “Ask”

- In 2010 the CVEC Board voted to avoid the Administrative Operational Adder on the 8 Round 1 projects
 - In 2011 the Board voted to cover costs for monitoring and billing, etc. with a per kWh Administrative Operations Adder on the Round 2 projects; \$0.01 for members and \$0.015 for non-members added to the PPA cost
-

- Without an Adder on the 8 Round 1 projects, CVEC recognizes it can't maintain its services for all participants at the current level
- In the interest of equitability and to continue services for all, in 2015 the CVEC Board voted to propose an Adder on the Round 1 projects, similar the Adder on its other projects.



Cape & Vineyard Electric Cooperative, Inc.

CVEC Operations Management Services

in addition to leading further PV and Battery development for Region

- Maintain Schedule Z database for all projects - host & offtaker (needed for accurate distribution of net metering credits)
- Calculate monthly net metering credit activities: Expense, Revenue, Net
- Provide professional third party annual audit reports
- Provide annual reports; showing annual costs and net benefits
- Verify achievement of production expectations (GAO) and assure shortfall compensation
- Interface with Utility and PV system owner to assure proper compensation and proper maintenance and repairs.
- Provide annual reports to Mass DOER
- Provide legal services associated with management of systems
- Provide assistance with tax assessment, insurance, emergency response, etc.



Cape & Vineyard Electric Cooperative, Inc.

The Adder to Oak Bluffs in dollars and cents

	Net Benefit
Year One Net Actual Benefit from R1, R2 and FGW to Oak Bluffs as Offtaker	\$16,022
Apply adder of \$0.01 per kWh to R1	\$1,035
Adjusted Net Estimated Benefit from R1 to Oak Bluffs as Offtaker	\$14,986
Percentage Year One Income Reduced	6.5%

*** The NMC used in the calculations is the actual NMC over the course of 2015/2016. In the future the NMC will adjust up or down over the life of the project, with a net rise expected as the cost of electricity is expected to rise.



Cape & Vineyard Electric Cooperative, Inc.

The Need in dollars and cents

CVVEC FY16 Annual Income and Expenses

	Annual Income from R2 and FGW adders	Annual Budget	Net Income (Loss)
Projected TOTALS	\$162,348	\$352,815	\$190,466

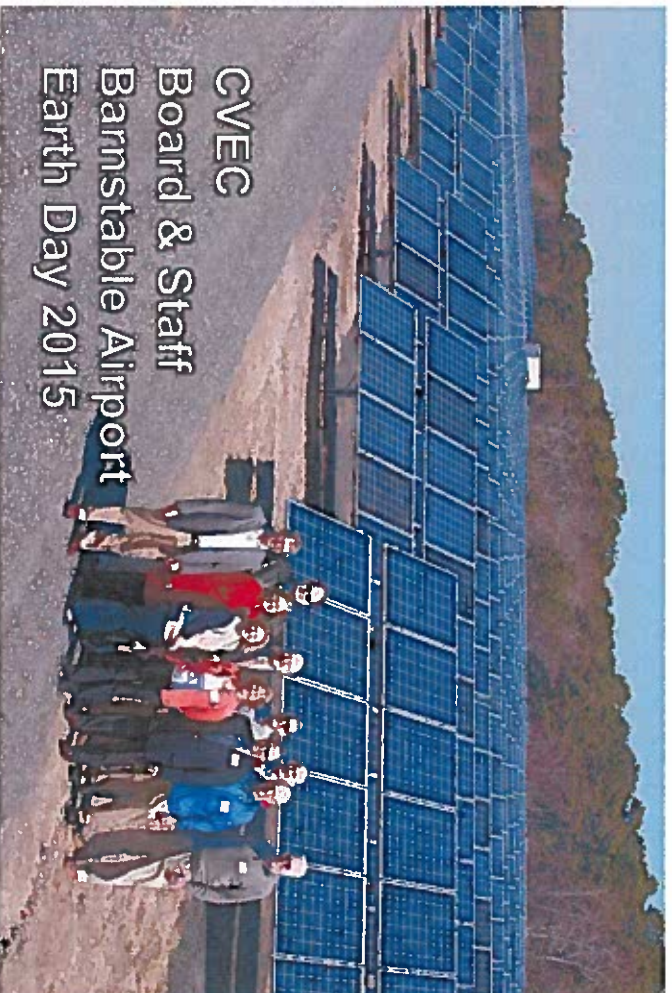
An adder on all Round 1 projects will provide an approximate annual revenue of **\$197,637**



Cape & Vineyard Electric Cooperative, Inc.

Assurances

- CVEC will revisit the adder on Round 1 at year **two** to determine whether it is recommended that the adder be discontinued, continued, or reduced





CAPE & VINEYARD ELECTRIC COOPERATIVE, INC.

Review of Savings and Earnings from CVEC PV Portfolio: March 1, 2015 to February 29, 2016

One year time period with 4 projects still running at under a year of production *
 * Orleans Capped Landfill, DVI High School GVI, Barnstable Fire District, and Airport didn't come online until April 2015

PROJECT GROUP	NAME/PLATE RATING	NET SAVINGS (in \$) period	Savings per kilowatt
Round 1 Projects (8)	16,205 kW (16 MW)	\$ 1,837,709.00	\$ 113.40
Round 2 Projects - Large (6)	9,453 kW (9.5 MW)	\$ 954,399.00	\$ 100.96
Round 2 Projects - Small Behind-the-Me	2,144 kW (2.14 MW)	\$ 265,660.05	\$ 123.91
Con Edison Solutions - Small Behind-th	760.67 kW (.76 MW)	\$ 33,670.25	\$ 44.24
* Higher PV's of 80-115 = Less benefit			
Total Projects (32)	28,563kW (28.56 MW)	\$ 3,091,438.30	
With 4 projects still short of one year			

Recent Accomplishments

- Won Community Clean Energy Resiliency Initiative - \$1.46 Million grant from DOER. Currently working with Sandia National Laboratory
- Participation in two projects that will bring fixed-price net metering credit benefits to the CVEC offtakers from projects not built by CVEC. Future Generation Wind & Nexamp
- Entered all CVEC's 100kW Behind-the-Meter projects in the ISO-NE On-Peak Hours Resource market to help New England avoid future fossil fuel investment
- Invited to speak on Community Solar at SEPA & SEIA "Solar Power PV Conference and Expo" in February
- Local presentation to staff and volunteers following all projects achieving over four months of net metering credit processing
- Currently handling a comprehensive revision to 17 Schedule Zs on behalf of the CVEC participants sharing in the distribution of CVEC net metering credits
- Moved CVEC offices from Barnstable County Complex to location on White's Path



EBCNE Award. From left, Marty Suenberg, MA DEP Commissioner, John Dickson, Brewster Selectman, Liz Argo, CVEC Manager, Programs & Administration, Richard Erick, Town of Barnstable Energy Manager, Peter Hughes, Harwich Selectman, Stephen Wiehe, Weston &

Thank You,
 Liz Argo, Manager, Programs & Administration
 774-722-1812 largo@ceccinc.org
 6/7/2016

CVEC PV Projects: March 2015 to February 2016

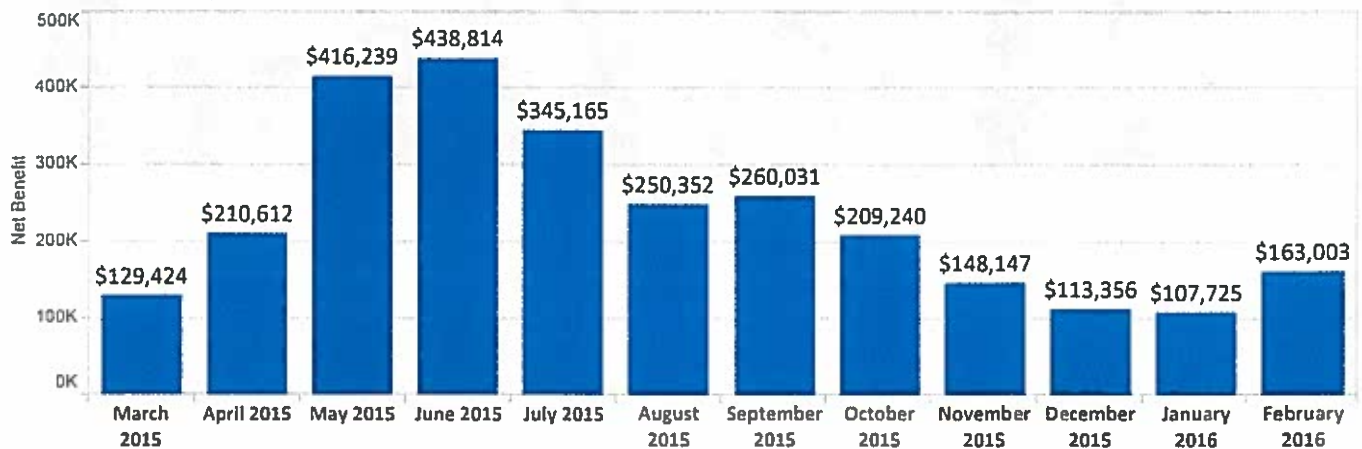
Total Benefits and Costs

kWh Total	NMC Total	Developer Cost Total	CVEC Admin Cost Total	Net Benefit
30,536,280	\$5,133,924	(\$2,224,210)	(\$117,606)	\$2,792,108

Benefits and Costs by System

Round	System Name	Commercial Operation Date	kWh Total	NMC Total	Developer Cost Total	CVEC Admin Cost Total	Net Benefit
1	Barnstable Landfill 1	9/15/14	3,244,080	\$552,183	(\$236,493)	\$0	\$315,689
	Barnstable Landfill 2	9/2/14	2,309,040	\$392,937	(\$175,012)	\$0	\$217,924
	Brewster Landfill	9/15/14	1,523,400	\$258,235	(\$129,489)	\$0	\$128,746
	Chatham Landfill	9/30/14	2,440,320	\$416,617	(\$174,971)	\$0	\$241,646
	Eastham Landfill	4/23/14	760,920	\$129,923	(\$53,797)	\$0	\$76,126
	Harwich Landfill	8/1/14	5,301,900	\$899,501	(\$376,435)	\$0	\$523,066
	Katama Farm	6/6/14	1,540,200	\$257,878	(\$139,234)	\$0	\$118,644
	Nunnepeg Well	6/6/14	1,521,000	\$249,900	(\$149,971)	\$0	\$99,929
	Tisbury Landfill	7/29/14	1,501,440	\$253,020	(\$137,081)	\$0	\$115,938
2	Airport - Section 2	4/3/15	6,292,560	\$1,046,139	(\$392,970)	(\$62,926)	\$590,243
	Barnstable Fire District	4/21/15	1,000,440	\$164,011	(\$61,007)	(\$15,007)	\$87,997
	DYHS Ground Mount	4/14/15	723,840	\$117,020	(\$48,606)	(\$10,858)	\$57,556
	Marguerite Small School	2/27/15	1,008,900	\$170,075	(\$59,132)	(\$15,134)	\$95,810
	Orleans Landfill	5/15/15	501,840	\$80,491	(\$33,929)	(\$5,018)	\$41,543
	West Tisbury Landfill	1/5/15	866,400	\$145,996	(\$56,082)	(\$8,664)	\$81,250
Grand Total			30,536,280	\$5,133,924	(\$2,224,210)	(\$117,606)	\$2,792,108

Net Benefits by Month



This report is based on the Eversource meter reads for the months of March 2015 through February 2016. For PV systems that did not have a meter read in March 2015, the report starts with the first meter read after March 2015.

The Wixon School PV system is not included in this report.

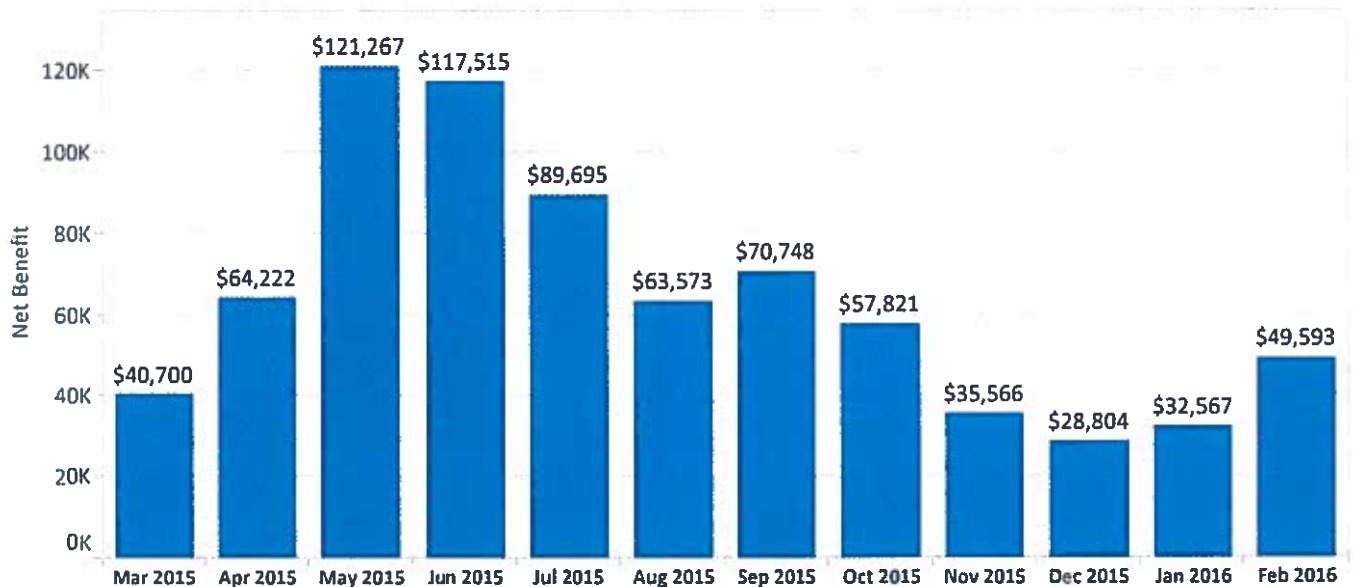
CVEC Net Metering: Participant Report

Participant	From	To
Barnstable	March 2015	February 2016

Participant Benefits and Costs by Project

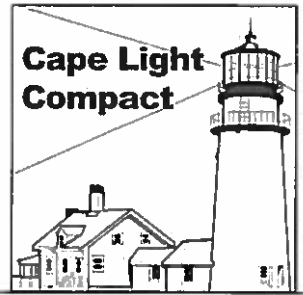
Participant Type	System Name	From	NMC Share	Developer Cost Share	CVEC Admin Cost Share	Revenue Sharing Share	Net Benefit
Host	Barnstable Landfill 1	3/2015	\$552,183	(\$236,493)	\$0	\$0	\$315,689
	Barnstable Landfill 2	3/2015	\$392,937	(\$175,012)	\$0	\$0	\$217,924
Offtaker	Airport - Section 2	5/2015	\$845,281	(\$317,520)	(\$50,844)	(\$238,458)	\$238,458
Grand Total			\$1,790,400	(\$729,026)	(\$50,844)	(\$238,458)	\$772,072

Participant Benefits and Costs by Month



This report is based on the Eversource meter reads for the months of March 2015 through February 2016. For PV systems that did not have a meter read in March 2015, the report starts with the first meter read after March 2015.

**Agenda Action Request
Cape Light Compact
Meeting Date: 6/8/16**



- 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*

FY17 Cape Light Compact Operating Budget

REQUESTED BY: *Peter Cocolis*

Proposed Motion(s)

- 1) *I move the Board vote to appropriate the Cape Light Compact FY17 Operating Budget in the amount of \$892,347.23.*

FY17 budget request is attached. The Board has reviewed and discussed the attached budget at its April and May Governing Board meetings.

Record of Board Action

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

Cape Light Compact Power Supply Reserve Fund Balance as of 4/29/16

\$ 945,739.56

Projected Cape Light Compact Power Supply Reserve Fund Balance as of 6/30/16

\$ 1,015,739.56 (\$70K of Operational Adder)

Projected FY17 Operational Adder Revenue as of 6/30/17

\$ 840,000.00

Cape Light Compact Fiscal Year 2017 (July 1, 2016 - June 30, 2017) Proposed Operating Budget

Item	FY 16	Proposed FY 17	
Salaries	\$ 218,086.00	\$ 194,500.00	
Salary Reserve	\$ -	\$ 6,000.00	Power Supply 100%, Maggie 70% CLC Admin. Asst. 25%, Lindsay 10%
Auditor	\$ 40,000.00	\$ 40,000.00	
Legal	\$ 317,575.00	\$ 233,019.00	
Contractual	\$ 86,566.00	\$ 65,000.00	
Outreach/Marketing Contractor	\$ 63,365.00	\$ 36,000.00	DPU Proceedings (15-181, 15-122-Grid Mod)
Food	\$ 500.00	\$ 500.00	
Supplies	\$ 2,000.00	\$ 2,000.00	
Telephone	\$ 3,000.00	\$ 3,000.00	
IT County Support	\$ 8,750.00	\$ 8,750.00	25% of County Services
Finance County Support	\$ 4,000.00	\$ 5,000.00	25% of County Services
Rent County	\$ 17,500.00	\$ 21,174.23	25% of County Services
Custodial/Maintenance County	\$ 9,226.00	\$ 9,789.00	25% of County Services
Utilities County	\$ 4,500.00	\$ 5,200.00	25% of County Services
Travel Out-of-state	\$ 6,000.00	\$ 6,000.00	
Travel In-state	\$ 16,000.00	\$ 16,000.00	
Advertising - power supply	\$ 55,561.00	\$ 45,100.00	
Shipping	\$ 250.00	\$ 250.00	
Postage	\$ 13,852.00	\$ 13,852.00	
Sponsorships (formerly Association dues)	\$ 20,000.00	\$ 30,000.00	Roundtable, Living Local, NECA, Rotary Show (1/2 events)
Subscriptions	\$ 2,500.00	\$ 18,000.00	Increased from last version
Printing	\$ 10,627.00	\$ 12,000.00	
Public Officials Insurance	\$ 10,000.00	\$ 10,000.00	
Bank Fees	\$ -	\$ 500.00	
Health Insurance	\$ 33,557.00	\$ 36,913.00	
Retirement	\$ 45,481.00	\$ 55,000.00	
Medicare	\$ 3,217.00	\$ 3,800.00	
Equipment Rental	\$ 10,000.00	\$ 10,000.00	
Professional Development		\$ 5,000.00	
LED Streetlight Reserve	\$ 15,000.00		
Subtotal CLC Operating Budget	\$ 1,017,113.00	\$ 892,347.23	

HOUSE BILL 4377 (JUNE 8 2016 VERSION)

	OFFSHORE WIND SOLICITATION New "Section 83C"	HYDROPOWER SOLICITATION New "Section 83D"
Resource Definition	<p>Offshore wind energy generation:</p> <ul style="list-style-type: none"> - Class I RPS - COD on or after 1/1/2018 - Operate in a designated wind energy area for which an initial federal lease was issued on a competitive basis after 1/1/12 <p>Offshore wind developer: Provider of electricity from an offshore wind energy generation project located on the Outer Continental Shelf for which no turbine is located within 10 miles of any inhabited area.</p>	<p>Clean energy generation resources:</p> <ul style="list-style-type: none"> - Firm service hydro from hydro alone OR - New Class I RPS that is firm up with firm service hydro <ul style="list-style-type: none"> o New Class I is a Class I resource that has not commenced commercial operation prior to the date of execution of a long-term contract or represents a net increase from incremental new generating capacity at an existing facility after the date of execution of a long-term contract o Firm service hydro is hydro without interruption for period designated in long-term contract (includes a portfolio of multiple run-of-the-river units that create firm service)
Purpose	Facilitate the financing of offshore wind energy generation resources	Facilitate the financing of clean energy generation resources
Solicitation Timeframe	<ul style="list-style-type: none"> - On or before June 30, 2017 for 1st joint disco solicitation for offshore wind developer proposals - Subsequent staggered solicitations required no more than 24 months after the prior solicitation 	<ul style="list-style-type: none"> - Beginning on January 1, 2017, joint and cooperative solicitation - One or more solicitations through a schedule or staggered procurement developed by discos and DOER, but discos must enter into cost-effective long-term contracts for 9.45 million MWh by December 31, 2022
Contract Terms	<ul style="list-style-type: none"> - 15-20 years - 1200 MW of nameplate aggregate capacity over 10 year time frame (through June 30, 2027) - Individual solicitations shall seek proposals for no less than 400 MW of aggregate nameplate capacity - Contract shall be for disco's apportioned share calculated based on the total energy demand from all disco customers in 	<ul style="list-style-type: none"> - 15-20 years - Deliver an annual amount of electricity of 9.45 million MWh - May be for energy, RECs or combination of both - Contract shall be for disco's apportioned share calculated based on the total energy demand from all disco customers in each service territory of the discos - May be long-term contracts (approved by DPU) or delivery

HOUSE BILL 4377 (JUNE 8 2016 VERSION)

	OFFSHORE WIND SOLICITATION New "Section 83C"	HYDROPOWER SOLICITATION New "Section 83D"
Contract Terms cont'd	<ul style="list-style-type: none"> - each service territory of the discos - May be for energy, RECs or combination of both - Contracts may be declined if they put unreasonable burden on disco balance sheet (DPU oversight in this if determination is all proposals are unreasonable) - Contract may be structured to mitigate impact on balance sheets but mitigation cannot increase cost to ratepayers 	<p>commitment agreements ("DCA") (approved by FERC)</p> <ul style="list-style-type: none"> o DCAs – contractual commitment by clean energy developer, which may be included in a tariff filed with FERC, to deliver electricity to ISO NE for a term of 15-20 years subject to FERC rules governing the market for a designated # of MWhs/year during designated periods o DCAs may be contingent on transmission line construction, maintenance and ISO-NE operational control so there is sufficient capacity to deliver to NE market o Clean energy generators not meeting delivery commitments pay penalty that is passed along to ratepayers <ul style="list-style-type: none"> - Contracts may be declined if they put unreasonable burden on disco balance sheet (DPU oversight in this if determination is all proposals are unreasonable) - Contract may be structured to mitigate impact on balance sheets but mitigation cannot increase cost to ratepayers
Required Process	<ul style="list-style-type: none"> - Joint Solicitation/ Timetable and method proposed jointly by discos and DOER using competitive bid process, subject to review and approval by DPU - May be coordinated with other NE states - May be 1 or more coordinated solicitations through schedule developed by DOER - If discos do not agree on winning bidder, DOER will take up the matter and make determination 	<ul style="list-style-type: none"> - Joint Solicitation/ Timetable and method proposed jointly by discos and DOER using competitive bid process, subject to review and approval by DPU - May be coordinated with other NE states - If discos do not agree on winning bidder, DOER, in consult with DPU, will take up the matter and make determination
Required Consult	<ul style="list-style-type: none"> - Discos must consult with DOER and AG regarding choice of contracting and solicitation methods - DPU must consider AG's recommendations submitted after 	<ul style="list-style-type: none"> - Discos must consult with DOER and AG regarding choice of contracting and solicitation methods - DPU must consider AG's recommendations submitted after

HOUSE BILL 4377 (JUNE 8 2016 VERSION)

	<p align="center">OFFSHORE WIND SOLICITATION New "Section 83C"</p>	<p align="center">HYDROPOWER SOLICITATION New "Section 83D"</p>
<p>Required Consult cont'd</p>	<p>contract filing</p> <ul style="list-style-type: none"> - DPU must consider findings of independent evaluator and may adopt recommendations as conditions for approval 	<p>contract filing</p> <ul style="list-style-type: none"> - DPU must consider findings of independent evaluator and may adopt recommendations as conditions for approval
<p>Independent Evaluation</p>	<p>DOER and AG will jointly select an independent evaluator to assist DPU in monitoring the procurement process -- after method/timetable is submitted to DPU, entity will submit report to DPU on proposed solicitation process and after contracts are filed with DPU, entity will submit report to DPU on the bid selection process and provide independent assessment of whether all bids were evaluated in a fair/non-discriminatory manner. If the evaluator determines the solicitation and bid selection of a long-term contract was not fair and objective, DPU may reject the contract.</p>	<p>DOER and AG will jointly select an independent evaluator to assist DPU in monitoring the procurement process -- after method/timetable is submitted to DPU, entity will submit report to DPU on proposed solicitation process and after contracts are filed with DPU, entity will submit report to DPU on the bid selection process and provide independent assessment of whether all bids were evaluated in a fair/non-discriminatory manner. If the evaluator determines the solicitation and bid selection of a long-term contract was not fair and objective, DPU may reject the contract.</p>
<p>Criteria</p>	<ul style="list-style-type: none"> - DPU to consider costs/benefits and only approve if it is a <i>cost effective mechanism</i> for procuring RE on a long-term basis (according to factors below) - Must provide for annual remuneration for the disco up to 2.75% of the annual payments under the contract to compensate disco for accepting the financial obligation (this provision to be acted upon by DPU at time of contract approval) - Transmission costs may be incorporated into a proposal (if there are transmission costs in a bid, DPU may authorize or require contracting parties to seek recovery of these costs through federal rates consistent with FERC rules, if DPU finds this to be in public interest) - Wind resource must: <ul style="list-style-type: none"> o Enhance electricity reliability o Contribute to reducing winter price spikes 	<ul style="list-style-type: none"> - DPU to consider costs/benefits and only approve if it is a <i>cost effective mechanism</i> for procuring low cost RE on long-term basis (according to factors below) - Must provide for annual remuneration for the disco up to 2.75% of the annual payments under the contract to compensate disco for accepting the financial obligation (this provision to be acted upon by DPU at time of contract approval) - Transmission costs may be incorporated into a proposal (if there are transmission costs in a bid, DPU may authorize or require contracting parties to seek recovery of these costs through federal rates consistent with FERC rules, if DPU finds this to be in public interest) - Clean energy resource must: <ul style="list-style-type: none"> o Enhance electricity reliability o Contribute to reducing winter price spikes o Be cost effective over the term

HOUSE BILL 4377 (JUNE 8 2016 VERSION)

	OFFSHORE WIND SOLICITATION New "Section 83C"	HYDROPOWER SOLICITATION New "Section 83D"
Criteria cont'd	<ul style="list-style-type: none"> o Be cost effective over the term o Avoid line loss/mitigate transmission costs to extent possible o Adequately demonstrate project viability/timeframe o Provide reliability, price, economic and environmental benefits that outweigh any costs to ratepayers o If feasible, create additional employment/economic development benefits in MA 	<ul style="list-style-type: none"> o Allow the long-term contract price to be indexed to the wholesale market prices as determined by DPU and decrease in period of low wholesale prices o Guarantee delivery in winter months o Adequately demonstrate project viability/timeframe o Provide reliability, price, economic and environmental benefits that outweigh any costs to ratepayers o Give preference for proposals that combine more than 1 renewable energy generating source o If feasible, create additional employment/economic development benefits in MA
Allowed Use	<ul style="list-style-type: none"> - Any energy for resale to customers - May retain RECs to meet RPS - Any energy not so used will be sold on spot market and RECs not so used will be sold through competitive bid - DOER is to conduct periodic reviews to determine the impact on the energy and REC markets of disposition of energy and RECs under this contracting authority and may issue recommended legislative changes via reports 	<ul style="list-style-type: none"> - Any energy for resale to customers - May retain RECs to meet RPS - Any energy not so used will be sold on spot market and RECs not so used will be sold through competitive bid - DOER is to conduct periodic reviews to determine the impact on the energy and REC markets of disposition of energy and RECs under this contracting authority and may issue recommended legislative changes via reports
Cost Reconciliation	<p>If disco sells energy into spot market and auctions the RECs, then it shall net the cost of the payments made against proceeds from the sales and the difference will be debited/credited via distribution customers in annual reconciliation</p>	<p>If disco sells energy into spot market and auctions the RECs, then it shall net the cost of the payments made against proceeds from the sales and the difference will be debited/credited via distribution customers in annual reconciliation</p>
Regulating Authorities	<ul style="list-style-type: none"> - DOER and DPU will issue regulations 	<ul style="list-style-type: none"> - DOER and DPU will issue regulations - DPU in consult with DOER must specifically regulate the DCAs subject to applicable FERC rules