

Cape & Vineyard Electric Cooperative, Inc.
ANNUAL REPORT FISCAL YEAR 2016
July 1, 2015 - June 30, 2016

Prepared September 2016

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I. EXECUTIVE SUMMARY

Since its organization in 2007, the Cape & Vineyard Electric Cooperative, Inc. (“CVEC” or the “Cooperative”) has worked to develop renewable energy projects in support of CVEC’s goals and objectives of developing and/or owning renewable electric generation facilities and procuring and/or selling long term electric supply or other energy-related goods or services at competitive prices to help stabilize electric rates for CVEC member communities. This Annual Report summarizes CVEC’s activities and operations in fiscal year (“FY”) 2016.

II. INTRODUCTION

A. Organizational History

CVEC was formed out of a strategic planning process commissioned and undertaken by the Cape Light Compact (“CLC”). CVEC was organized in 2007 with three members: CLC, Barnstable County, and the Town of Barnstable. Currently, CVEC has 20 members consisting of 17 towns, Barnstable and Dukes County, and the CLC. CVEC was formed under Massachusetts General Laws, c. 164, §136. This statute provides for the establishment of energy cooperatives. Section 136 cooperatives can, among other things: (1) purchase and own generation, transmission and other projects and property; (2) enter into contracts and incur liabilities; (3) borrow money, issue notes and bonds; (4) enter into private/public collaboration (contractual); (5) purchase, sell and distribute energy; and (6) sell electricity to any consumer within CVEC member communities.

CVEC’s goals and objectives include developing and/or owning renewable electric generation facilities and procuring and/or selling long term electric supply or other energy-related goods or services including renewable energy certificate contracts at competitive prices to member communities and consumers within member communities.

B. Current CVEC Members

Since its inception CVEC has grown from its three founding members (County of Barnstable, Cape Light Compact, and Town of Barnstable) to its 20 members as of June 30, 2016. The subsequent CVEC members include Dukes County, and the Towns of Bourne, Brewster, Chatham, Chilmark, Dennis, Eastham, Edgartown, Falmouth, Harwich, Oak Bluffs, Orleans, Provincetown, Sandwich, Tisbury, West Tisbury, and Yarmouth.



III. OFFICERS, BOARD OF DIRECTORS AND STAFF

Listed below are the Directors and Staff as of the end of the FY16, June 30, 2016. Directors who joined CVEC during the course of FY16 are so noted with an asterisk (*). A special thank you goes to those officers, directors and staff who left CVEC during the course of the fiscal year; John C. Checklick, Falmouth, Stephan Wollenburg, Cape Light Compact, Karen Loura, Assistant Clerk, and Austin Brandt of Provincetown who moved into the Cape Light Compact Director's seat upon being hired as Senior Energy Planner for the Compact.

A. Officers (As of June 30, 2016)

Charles McLaughlin, Barnstable, President
Jennifer Rand, West Tisbury, Vice-President
Joseph Bayne, Eastham, Treasurer
Charles Hanson, Brewster, Clerk

B. Board of Directors (As of June 30, 2016)

Joseph Bayne, Eastham
Austin Brandt*, Cape Light Compact
Tim Carroll, Chilmark
Charles Hanson, Brewster
Larry Cole, Harwich
Ron Collins, Orleans
Barbara Conroy, Edgartown
Steve Gavin, Yarmouth
Jon Nelson, Bourne
Greg Rounseville, Dennis
John Scott, Chatham
William Straw, Tisbury
Richard Toole, Oak Bluffs
Anna Meade, Provincetown
Vacant, Town of Sandwich
Vacant, Duke's County
Vacant, Falmouth

C. Executive Committee (As of June 30, 2016)

Charles McLaughlin, Barnstable
Jennifer Rand, West Tisbury
Leo Cakounes, Barnstable County
Chuck Hanson, Brewster



Austin Brandt*, Cape Light Compact

D. Staff (As of June 30, 2016)

Liz Argo, Manager, Programs and Administration



Figure 1. CVEC Board September 2015. Left to right, Austin Brandt, Stephan Wollenburg, Greg Rounseville, Tim Carroll, Larry Cole, Ron Collins, Charles McLaughlin, Chuck Hanson, Jen Rand, Joe Bayne, John Checklick, John Scott, Richard Toole, Steve Gavin, Bill Straw, Leo Cakounes.

IV. FISCAL YEAR 2016 ACCOMPLISHMENTS

A. Summary of Activities in FY 2016

In 2013 CVEC began its work to develop a portfolio of 25 PV projects (Round 1 and Round 2), representing a capacity of 27.8 megawatts (MW) to add to its initial portfolio of 750 kilowatts (kW). With CVEC's Round 1 and 2 Photovoltaic ("PV") Initiative projects achieving operational status from April 2014 to May 2015, FY16 became the first full year of commercial operations for all Round 1 & 2 projects. The estimated projections of the first-year net metered energy value had been over \$2 million. The actual net metered energy value was \$2,996,826. The \$2,996,826 of net metered savings and earnings from CVEC's 28.5MW portfolio benefitted 20 governmental entities located on Cape Cod and Martha's Vineyard, including seventeen municipalities, one water district and two school districts.

CVEC's success in local siting of photovoltaics has meant focused benefits for Cape Cod and Martha's Vineyard. CVEC's local development of solar power has been augmented by CVEC's unique revenue sharing mechanism, a system developed by CVEC to allow cooperative sharing of its projects' net metered energy. For example, the CVEC Harwich Capped Landfill PV project was built to its fullest capacity with the knowledge that total PV production would exceed Harwich's total kilowatt hour ("kWh") usage. Through the Cooperative, the Harwich Capped Landfill PV project's excess energy is allocated to off-taker participants, like Barnstable County and the Town of Provincetown. In this way, Cooperative participants who are unable to host large renewable energy projects on their own municipal lands can receive, in effect, lowered electric costs through the purchase of excess net metering credits from their neighbors.

Towns or other governmental entities participating as off-takers of CVEC's net metered energy through its revenue sharing program are Barnstable County, Duke's County, Brewster, Chatham, Chilmark, Oak Bluffs, Monomoy Regional School District, Provincetown and Yarmouth.



Figure 2. Group gathers at the CVEC Harwich Capped Landfill project to celebrate completion of all Round 1 & 2 projects, 10.12.14

In FY15 CVEC further leveraged its position as an energy cooperative by contracting for net metering benefits to be allocated from two off-Cape non-CVEC projects. On behalf of the CVEC pool of off-takers, in the spring of 2015 CVEC contracted to take 3MW of net metered energy from an 8MW wind project under development in Plymouth County. This project is known as the Future Generation Wind ("FGW") project. The Cooperative used its ability to pool off-takers to leverage a highly competitive fixed price Power Purchase Agreement (PPA) contract with FGW. Participation in the wind project brings the Cooperative closer to its goal of managing a diversified portfolio of distributed



generation projects on behalf of its member towns. FGW is expected to become operational in summer 2016.



Photo courtesy of Future Generation Wind

Figure 3. Photo of FGW wind turbines in Plymouth, MA.

To further match Cooperative members' electrical needs with renewables, in the spring of 2016 CVEC negotiated another fixed price PPA contract with a second off-Cape non-CVEC project. CVEC's contract with Nexamp, LLC will allow CVEC to distribute over 870,000 kilowatt hours to CVEC offtakers from the 3 megawatt solar farm being constructed in Dartmouth, Massachusetts. The Dartmouth Farms Solar project is expected to start producing net metering credits in January 2017.



Photo courtesy of Nexamp LLC

Figure 4. Photo of anchors being installed in preparation for solar racking installation at Dartmouth Farms Solar.

In other business news, a decision was made in FY16 to move the CVEC offices. On March 1, 2016 CVEC began operations from its new location at 23H2 White's Path, Suite 2, South Yarmouth, MA 02664.

Also in business news, CVEC renewed its contract for another year of energy consultant services provided by Peregrine Energy Group of Boston, Massachusetts and initiated a contract for accounting services from Glivinski and Associates of South Yarmouth, Massachusetts.

B. Energy Benefits from CVEC's Solar PV Initiatives; Initial Initiative, Round 1 Initiative, Round 2 Initiative and CVEC's Revenue Sharing Program

In FY 2015 the annual generation from CVEC's initial round of PV installations (the CVEC-7) and CVEC's Round 1 & 2 Initiatives was projected to total 33,409,228 kWh. FY16 actual annual kWh production from CVEC's PV Initiatives totaled 35,604,051 kilowatt hours. With the total annual usage of the eighteen entities participating in CVEC net metering credit sales calculated to be about 38,007,672 kWh, CVEC's PV projects delivered just over 93% of participants' electric energy needs in FY16.

For individual CVEC Initiative's details, please see Attachments A – C at the end of the Report.

Participating entities, counting both project hosts and off-taker participants, included thirteen member municipalities, as well as Barnstable County, Duke's County, the Barnstable Fire District, the Monomoy School District, and the Dennis Yarmouth Regional School District ("DYRSD").

C. Environmental Benefits from CVEC's Solar PV Initiatives; the Initial Initiative, Round 1 Initiative, Round 2 Initiative and CVEC's Revenue Sharing Program

With the completion of the Round 1 & 2 Initiatives, the equivalent of enough power to provide electricity to 3,695 homes* is flowing. The renewable energy from CVEC's PV Initiatives will produce not only financial benefits but educational and environmental benefits to the 19 participating municipal and other governmental hosts and off-takers. Environmental benefits from the 28.5 MW of solar energy are estimated to offset over 55



million pounds of carbon equivalent annually. A carbon offset of this size is equal to taking 5,285 cars off the road each year.

* Equivalency calculation from EPA Energy Resources Calculator:

<http://www.epa.gov/cleanenergy/energy-resources/calculator.html#results>



Photo courtesy of Sarah Coleman and Amar Rambhadjan

Figure 5. Group Photo at Earth Day 2015 Celebration for Completion of CVEC Round 1 & 2 Initiatives held at the CVEC Barnstable Municipal Airport PV installation.

D. Battery Storage

To further meet the CVEC mission of bringing forward economically viable renewable electric transmission and generation solutions to help stabilize the regional electric grid and to offset fossil fuels, CVEC continued to move forward on a battery back-up system to support two CVEC PV systems now located at the Dennis Yarmouth (“DY”) High School Regional Emergency Shelter. Utilizing a \$1.4 million grant awarded to CVEC by the Massachusetts Department of Energy Resources under the Community Clean Energy Resilience Initiative (“CCERI”), at the end of FY16 CVEC had partnered with the Clean Energy States Alliance (“CESA”) and Sandia National Laboratories to determine the best course of action.

E. CVEC Consultant Services

The Town of Dennis, a CVEC member, continued to use CVEC’s net metering expertise and services in FY16 to manage the complex distribution of the Town’s net metering credits from the Dennis capped landfill PV system, a system which is not one of the CVEC projects. The Cooperative invites all members to utilize CVEC’s management services in a similar fashion as those provided to the Town of Dennis.

F. CVEC Operational Administrative Adder

To support CVEC’s operations, including CVEC’s development of new opportunities and its monthly sharing of the current 32 MW of CVEC net metering credits amongst participants, CVEC’s initiatives include a CVEC Operational Administrative Adder. This is in the form of a cost paid by the CVEC participants ranging from \$0.015 to \$0.005 per kilowatt hour. This is true in all cases but for the CVEC Round 1 PV Initiative.

After meeting the final debt associated with the Round 1 installation, in late 2014 CVEC recognized it couldn’t maintain financial and operations services for all participants at the current level without an Adder on the Round 1 projects, similar to the Adder on all other CVEC offers.

By the end 2015 all but 3 CVEC Round 1 participants had agreed to a Round 1 Operational Administrative Adder of \$0.01. However, with towns’ FY17 budgets needing finalization in early 2016, in February CVEC suspended requests for the Round 1 Operational Administrative Adder.



G. Summary

In FY16 CVEC delivered over \$2,996,826 in savings to CVEC members and participants. With the addition of CVEC's FGW and Nexamp net metering credit purchases and CVEC's work towards a battery back-up system for the DY High School Regional Emergency Shelter, CVEC has progressed steadily towards its objective of developing renewable energy and providing significant benefits and grid stabilization to the ratepayers in CVEC's communities.

Initiative Project Group	Name Plate Rating for Initiative	kWh Production in FY16	Net Savings in FY16 (using cost of electricity for BTM or annual NMC for Virtual Metering)	Annual savings per kWh as per FY '16 Report	CO2 Offsets in Pounds as per EPA Equivalency Calculator
Round 1 (8 projects)	16,205 kW (16 MW)	20,387,344	\$1,689,314	\$104.25	31,587,251
Round 2 Large (6 projects)	9,453 kW (9.5 MW)	11,815,948	\$1,022,176	\$108.13	18,307,108
Round 2 Small BTM (11 projects)	2,144 kW (2.14 MW)	2,488,028	\$ 243,807	\$113.72	3,854,841
ConEdison Solutions Small BTM (7 projects)	760.67 kW (.76 MW)	912,731	\$ 41,529	\$ 54.60	1,414,145
FY16 TOTALS (32 Projects)	28,563kW (28.56 MW)	35,604,051 kWh	\$2,996,826 Savings in FY16	/	55,163,345 Pounds



Table 1. CVEC Project Benefits (using a NMC value of ~ \$0.17 or cost of electricity of \$0.18)





Photo courtesy of Sandy Cashen

Figure 6. Station Avenue School Children pose with CVEC PV installation at DY High School's Ground Mount.

G. Thank You to Founding Member, the Cape Light Compact!

The CLC was the driving force in the creation of CVEC. The CLC has provided financial support to the Cooperative since its inception in 2007. The CLC supports and helped develop the mission of the Cooperative. The support and development of renewable energy projects is for the betterment of Cape Cod and Martha's Vineyard. As of the end of FY 15, the CLC had provided the Cooperative \$3,472,877.

This critical support from the Compact has enabled the addition of 28.5 MW of renewable energy now benefitting CVEC members and all residents of Cape Cod and Martha's Vineyard.

V. FISCAL YEAR 2016 FINANCIALS

A. CVEC Preliminary Balance Sheet

Cape & Vineyard Electric Cooperative, Inc.

Balance Sheet

As of June 30, 2016

	<u>Jun 30, 16</u>
ASSETS	
Current Assets	
Checking/Savings	525,876
Accounts Receivable	576,503
Other Current Assets	
Rent Deposit	1,500
Prepaid Insurance	7,050
Prepaid Expenses	600
Total Other Current Assets	<u>9,150</u>
Total Current Assets	<u>1,111,529</u>
TOTAL ASSETS	<u><u>1,111,529</u></u>
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	796,563
Credit Cards	408
Other Current Liabilities	
Other Accd Exp & AP	2,000
Total Other Current Liabilities	<u>2,000</u>
Total Current Liabilities	<u>798,971</u>
Total Liabilities	798,971
Equity	
Unrestricted Net Assets	382,370
Net Income (Loss)	<u>(69,812)</u>
Total Equity	<u>312,558</u>
TOTAL LIABILITIES & EQUITY	<u><u>1,111,529</u></u>



B. CVEC Preliminary Income Statement for FY 2016

Cape & Vineyard Electric Cooperative, Inc.
Profit & Loss
 July 2015 through June 2016

	<u>Jul '15 - Jun 16</u>
Ordinary Income/Expense	
Administration Services Income	6,000
Operational Adders - ALL	160,831
Total Income	166,831
Gross Profit	166,831
Expense	
Payroll Expenses	83,720
Legal Fees	33,091
Audit Fees	16,000
Consultant Costs	69,884
Insurance Expense	15,450
Misc. Office Operating Expenses	5,831
Computer, Internet, & Phone Expenses	3,466
Office Rental	2,500
CVEC7 Project Admin	6,967
Total Expense	236,909
Net Ordinary Income (Loss)	(70,078)
Other Income/Expense	
Other Income	
Interest Income	266
Total Other Income	266
Net Income (Loss)	(69,812)



Attachment A

CVEC Initial Initiative Projects with ConEdison Solutions

SITE	Kilowatts	Estimated Output in Kilowatt hours (EAO)*	Commercial Operation Date	Estimated Behind the Meter Savings to Date
Barnstable High School	131	5,044,766	August 23, 2010	\$ 30,589.45
Eddy Elementary School (Brewster)	100.98	1,496,387	July 16, 2010	\$ 24,709.79
Stony Brook Elementary School (Brewster)	100.98	2,301,425	July 16, 2010	\$ 24,412.46
Eastham Elementary School	587	714,574	February 27, 2010	\$ 23,516.995
Eastham DPW	1,442	1,801,865	February 25, 2010	\$ 19,980.08
Bourne Middle School	1,271	1,548,775	April 30, 2010	\$ 38,346.26
Harwich Elementary School	4,492	5,429,725	July 22, 2010	\$ 25,276.90
TOTAL	16,205	19,763,709		\$ 186,831.92

Table 2. Table Describing CVEC Solar PV Initial Initiative

* Estimated Annual Outputs (“EAOs”) as per project owner calculations (not per contractual obligations).



CVEC ROUND 1 PROJECTS

SITE	Kilowatts	Estimated Output in Kilowatt hours (EAO)*	Commercial Operation Date	Savings to Date
Barnstable Landfill	4,171	5,044,766	September 15, 2014	\$841,565
Brewster Landfill	1,231	1,496,387	September 15, 2014	\$204,315
Chatham Landfill	1,837	2,301,425	September 29, 2014	\$368,736
Eastham Landfill	587	714,574	April 23, 2014	\$298,028
Edgartown's Nunnepog	1,442	1,801,865	June 6, 2014	\$377,043
Edgartown's Katama Farm	1,271	1,548,775	June 6, 2014	\$459,051
Harwich Landfill	4,492	5,429,725	August 1, 2014	\$925,960
Tisbury Landfill	1,174	1,426,192	July 29, 2014	\$194,712
TOTAL	16,205	19,763,709		\$3,669,411

Table 3. Table Describing CVEC Solar PV Initiative Round 1

* Estimated Annual Outputs (“EAOs”) as per recent project owner calculations (not per contractual obligations).



Attachment C

CVEC ROUND 2 PROJECTS DETAILS

*(BTM stands for Behind the Meter)

SITE	Kilowatts	Estimated Output in Kilowatt hours (EAO)*	Commercial Operation Date	Savings to Date or Estimates for BTM projects
Barnstable Airport	5,735	6,830,790	April 3, 2015	\$842,732
Barnstable Fire District	934	1,059,241	April 21, 2015	\$128,413
Barnstable Senior Center (BTM)*	136	162,217	December 2, 2014	\$31,624
Barnstable High School (BTM)*	463	531,470	October 8, 2014	\$64,695
West Villages Elementary School, Barnstable (BTM)*	39	45,617	October 8, 2014	\$6,626
Bourne Community Center (BTM)*	37	38,213	August 30, 2014	\$7,928
Chatham Police Station (BTM)*	22	27,197	August 30, 2014	\$4,594
Chatham Town Hall Annex (BTM)*	22	27,063	August 30, 2014	\$5,282
DY High School Roof, Yarmouth	590	667,518	March 6, 2015	\$87,395
DY High School Ground, Yarmouth	690	815,126	April 14, 2015	\$87,613
Ezra Baker School, Dennis (BTM)*	71	69,423	August 30, 2014	\$11,841
M.E. Small School Ground, Yarmouth	832	979,487	February 27, 2015	\$132,720
Mattacheese School Roof, Yarmouth (BTM)*	209	227,223	December 16, 2014	\$26,880
Wixon School Ground, Dennis (BTM)*	403	499,285	December 8, 2014	\$83,796
Orleans Capped Landfill	554	666,890	May 15, 2015	\$63,993
Provincetown Transfer Station (BTM)*	152	197,559	December 15, 2014	\$38,379
West Tisbury Capped Landfill	708	801,200	January 5, 2015	\$117,862
TOTAL	11,597	13,645,519		\$1,742,374

Table 4. Table Describing CVEC Solar PV Initiative Round 2

* Estimated Annual Outputs (“EAOs”) as per recent project owner calculations, (not per contractual obligations).

Attachment D



TOTALS FOR ALL CVEC ROUND 1 and 2 PROJECTS OVER 200KW

July 2015 to June 2016 (FY16)

Total Benefits and Costs

kWh Total	NMC Total	Developer Cost Total	CVEC Admin Cost Total	Net Benefit
32,120,844	\$5,162,510	(\$2,325,514)	(\$133,683)	\$2,703,312

Net Benefits by Month



This report is based on the Eversource meter reads for the months of July 2015 through June 2016.

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

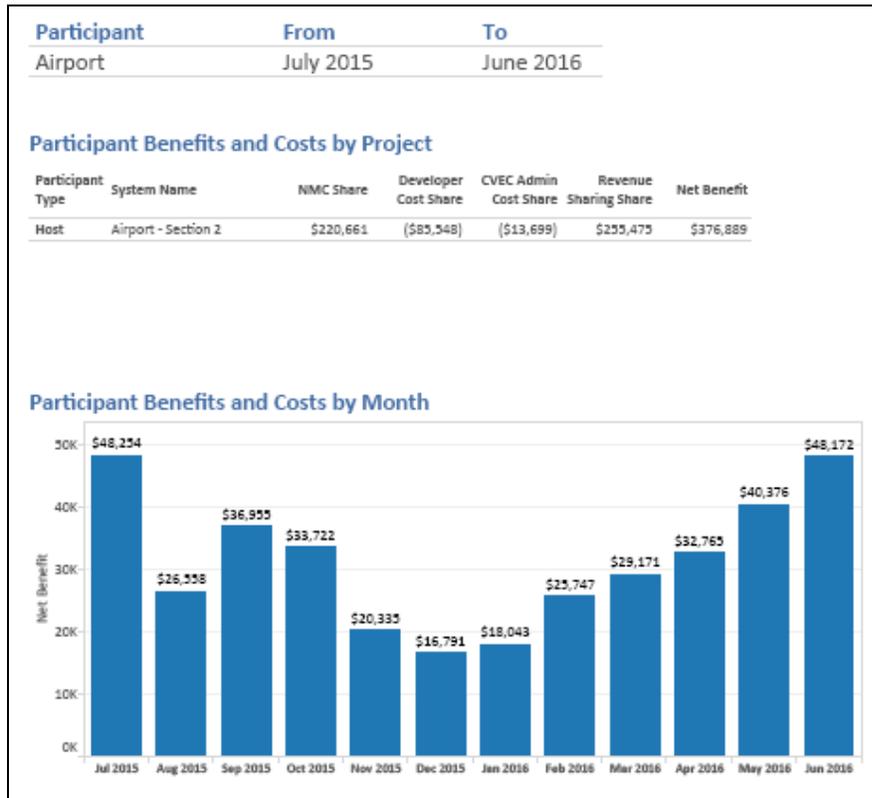
Benefits and Costs through FY 2016

Round	System Name	Date from	Date to	kWh Total	NMC Total	Developer Cost Total	CVEC Admin Cost Total	Net Benefit
1	Barnstable Landfill 1	9/15/14	6/20/16	5,105,160	\$863,037	(\$372,166)	\$0	\$490,870
	Barnstable Landfill 2	9/2/14	6/20/16	3,700,320	\$620,344	(\$269,648)	\$0	\$350,695
	Brewster Landfill	9/11/14	6/7/16	2,469,120	\$414,190	(\$209,875)	\$0	\$204,315
	Chatham Landfill	9/29/14	6/6/16	3,793,440	\$640,725	(\$271,990)	\$0	\$368,736
	Eastham Landfill	4/14/14	6/2/16	3,252,960	\$528,014	(\$229,984)	\$0	\$298,029
	Harwich Landfill	7/10/14	6/8/16	9,747,360	\$1,618,023	(\$692,063)	\$0	\$925,960
	Katama Farm	6/9/14	6/28/16	6,247,400	\$1,023,830	(\$564,779)	\$0	\$459,051
	Nunnepog Well	6/9/14	6/22/16	6,146,400	\$983,078	(\$606,035)	\$0	\$377,043
	Tisbury Landfill	7/25/14	6/7/16	2,626,980	\$434,558	(\$239,846)	\$0	\$194,712
2	Airport - Section 2	4/15/15	6/16/16	8,850,240	\$1,483,932	(\$552,698)	(\$88,502)	\$842,732
	Barnstable Fire District	4/21/15	6/16/16	1,429,320	\$237,013	(\$87,160)	(\$21,440)	\$128,413
	DYHS Ground Mount	4/14/15	6/13/16	1,066,260	\$175,206	(\$71,599)	(\$15,994)	\$87,613
	Marguerite Small School	2/27/15	6/14/16	1,391,520	\$235,150	(\$81,557)	(\$20,873)	\$132,720
	Orleans Landfill	5/5/15	6/3/16	746,544	\$121,932	(\$50,474)	(\$7,465)	\$63,993
	West Tisbury Landfill	1/5/15	6/9/16	1,251,960	\$211,421	(\$81,039)	(\$12,520)	\$117,862
Grand Total				57,824,984	\$9,590,452	(\$4,380,914)	(\$166,794)	\$5,042,744

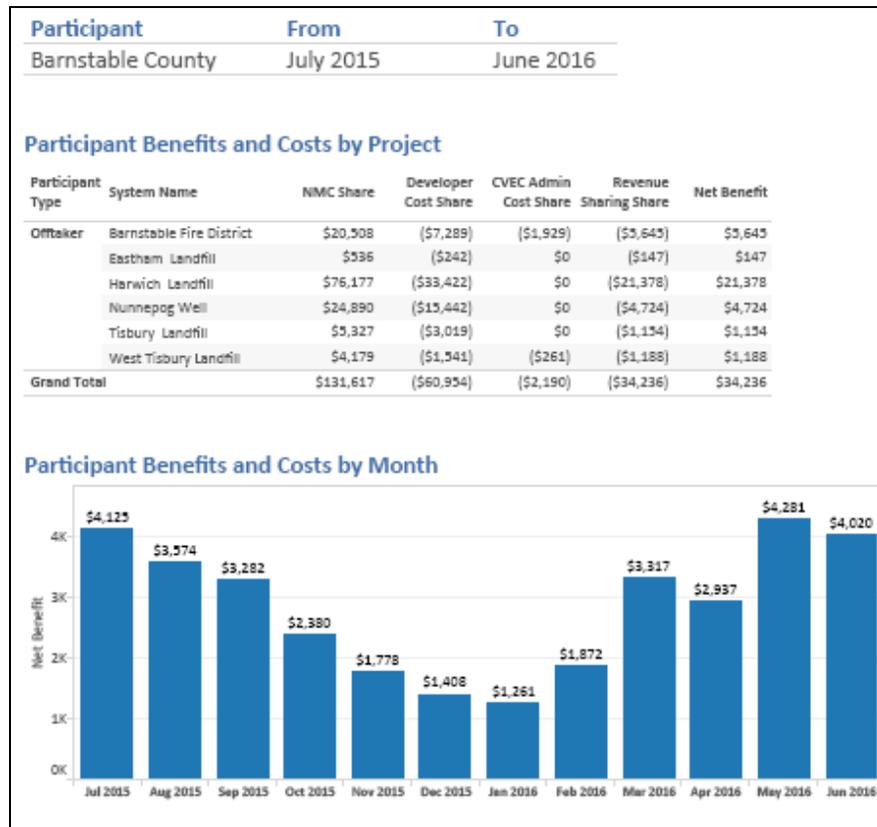


CVEC ROUND 1 and 2 PROJECTS OVER 200KW Participants' Reports

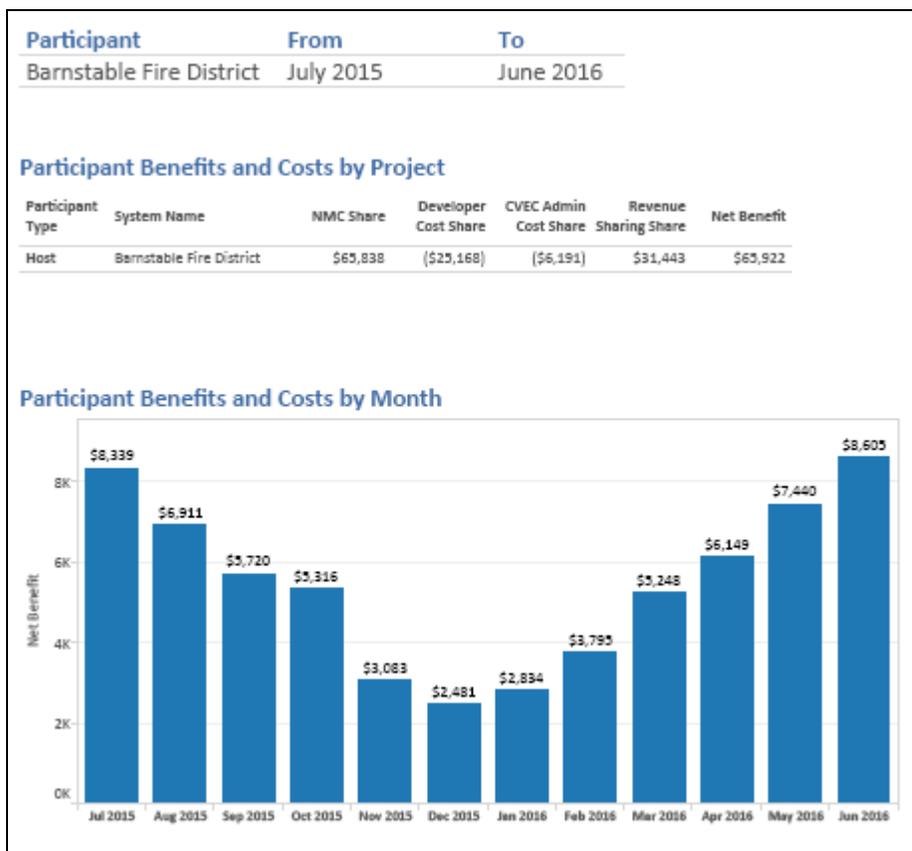
BARNSTABLE AIRPORT



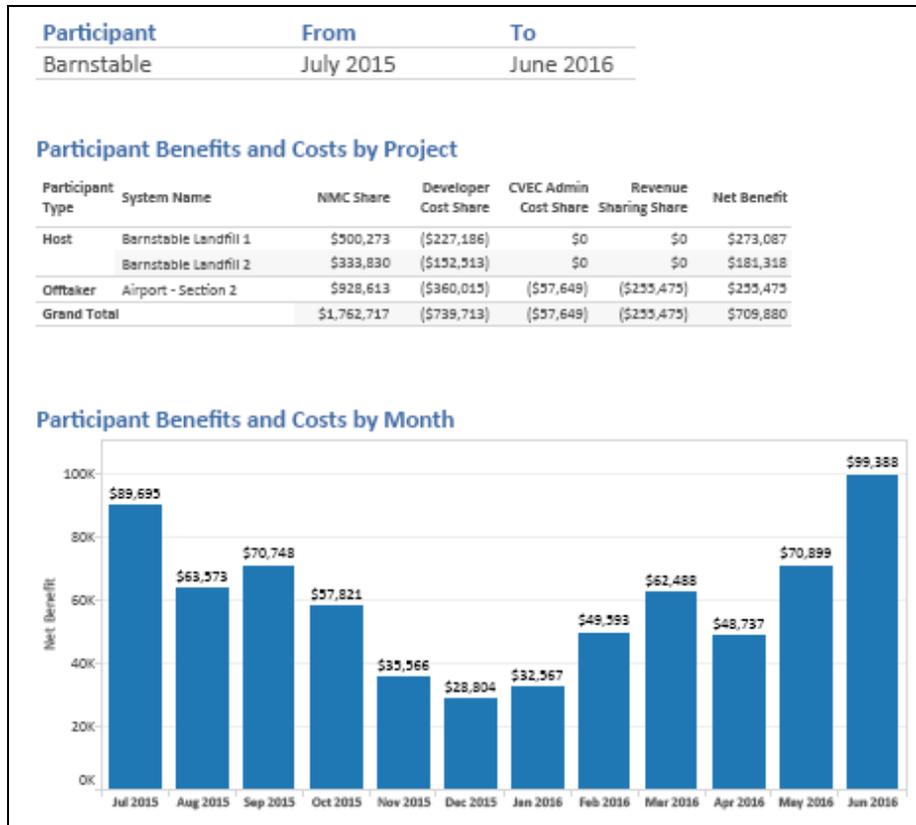
BARNSTABLE COUNTY



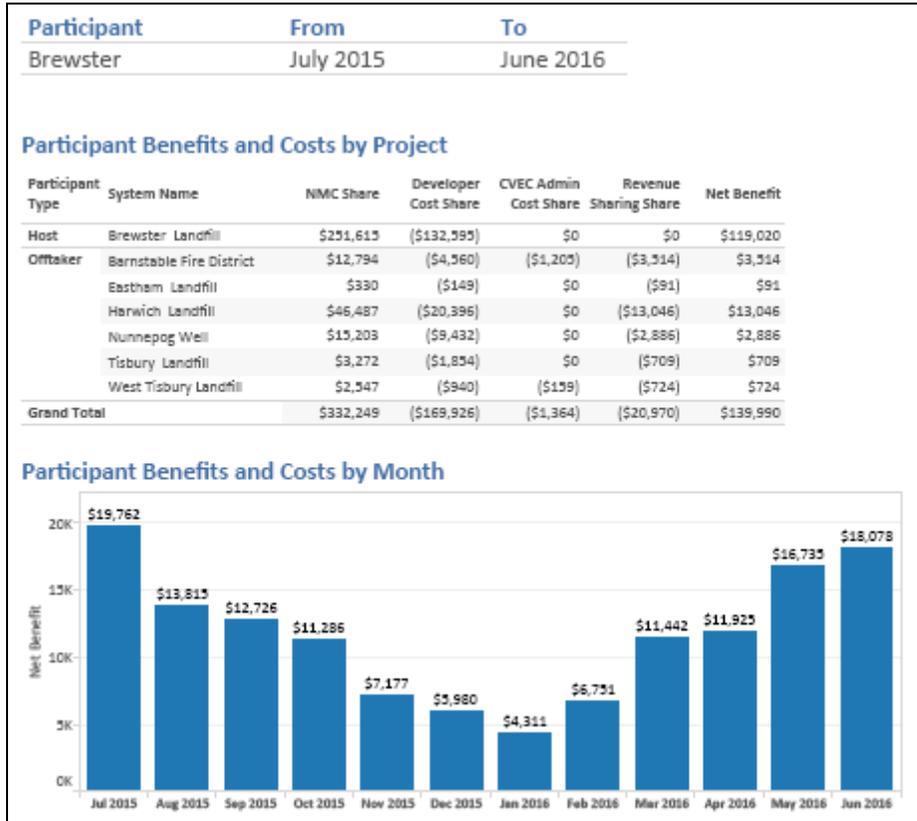
BARNSTABLE FIRE DISTRICT



TOWN OF BARNSTABLE



TOWN OF BREWSTER



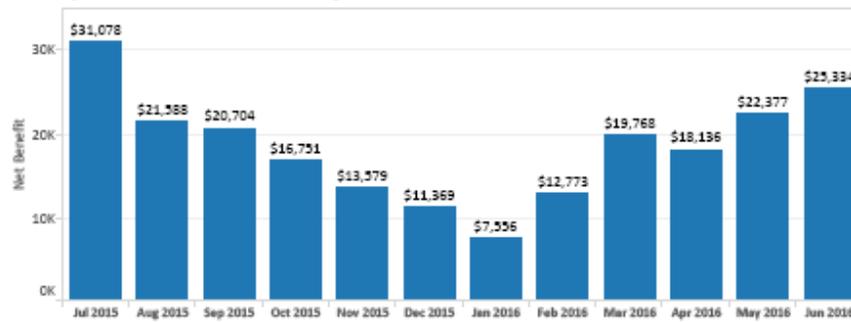
TOWN OF CHATHAM

Participant	From	To
Chatham	July 2015	June 2016

Participant Benefits and Costs by Project

Participant Type	System Name	NMC Share	Developer Cost Share	CVEC Admin Cost Share	Revenue Sharing Share	Net Benefit
Host	Chatham Landfill	\$381,133	(\$169,172)	\$0	\$0	\$211,961
Offtaker	Barnstable Fire District	\$5,508	(\$1,962)	(\$519)	(\$1,514)	\$1,514
	Eastham Landfill	\$140	(\$63)	\$0	(\$38)	\$38
	Herwich Landfill	\$20,066	(\$8,804)	\$0	(\$5,631)	\$5,631
	Nunnepeg Well	\$6,572	(\$4,077)	\$0	(\$1,247)	\$1,247
	Tisbury Landfill	\$1,421	(\$805)	\$0	(\$308)	\$308
	West Tisbury Landfill	\$1,102	(\$406)	(\$69)	(\$313)	\$313
Grand Total		\$415,940	(\$185,289)	(\$587)	(\$9,052)	\$221,012

Participant Benefits and Costs by Month



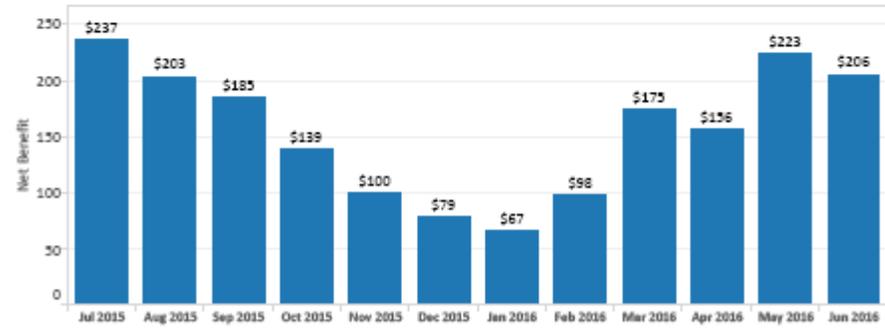
TOWN OF CHILMARK

Participant	From	To
Chilmark	July 2015	June 2016

Participant Benefits and Costs by Project

Participant Type	System Name	NMC Share	Developer Cost Share	CVEC Admin Cost Share	Revenue Sharing Share	Net Benefit
Offtaker	Barnstable Fire District	\$1,560	(\$569)	(\$148)	(\$421)	\$421
	Eastham Landfill	\$29	(\$13)	\$0	(\$8)	\$8
	Harwich Landfill	\$3,632	(\$1,993)	\$0	(\$1,019)	\$1,019
	Nunnepeg Well	\$1,591	(\$950)	\$0	(\$291)	\$291
	Tisbury Landfill	\$330	(\$187)	\$0	(\$71)	\$71
	West Tisbury Landfill	\$200	(\$74)	(\$13)	(\$37)	\$37
Grand Total		\$7,282	(\$3,387)	(\$161)	(\$1,867)	\$1,867

Participant Benefits and Costs by Month



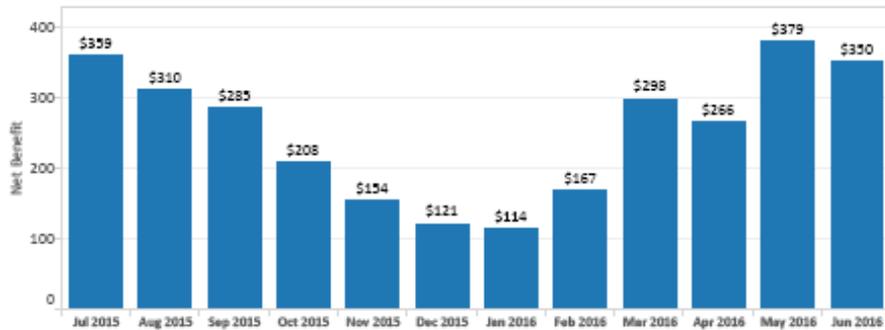
DUKES COUNTY

Participant	From	To
Dukes County	July 2015	June 2016

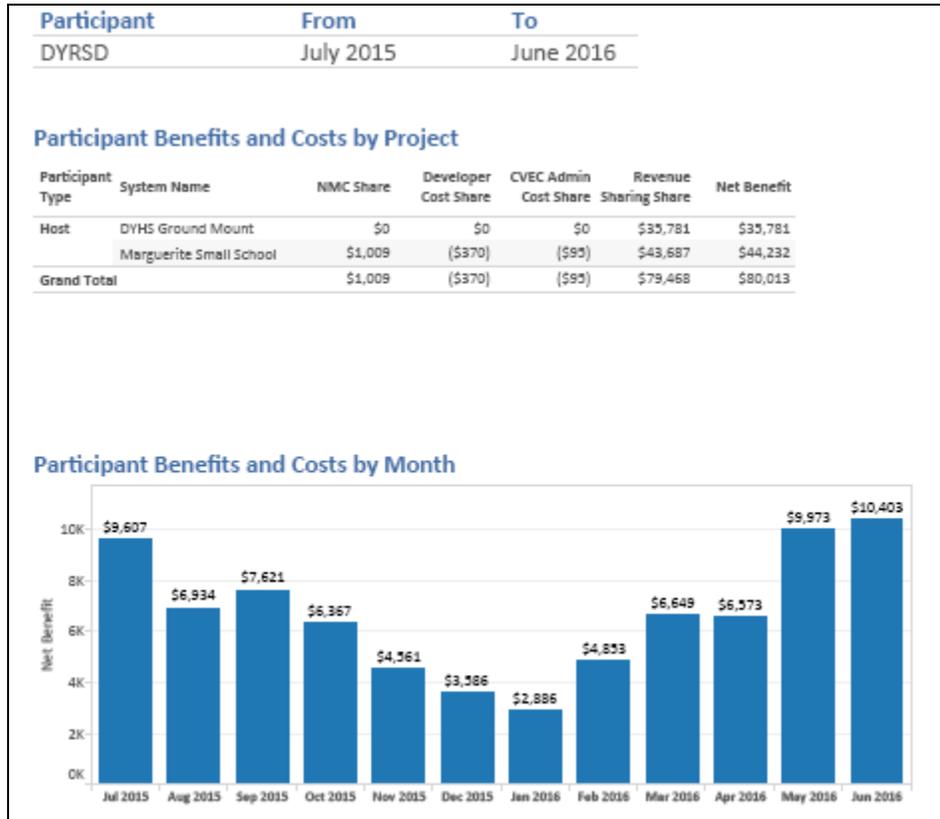
Participant Benefits and Costs by Project

Participant Type	System Name	NMC Share	Developer Cost Share	CVEC Admin Cost Share	Revenue Sharing Share	Net Benefit
Offtaker	Barnstable Fire District	\$1,997	(\$703)	(\$187)	(\$553)	\$553
	Eastham Landfill	\$59	(\$27)	\$0	(\$16)	\$16
	Harwich Landfill	\$6,174	(\$2,709)	\$0	(\$1,733)	\$1,733
	Nunnepeg Well	\$2,587	(\$1,605)	\$0	(\$491)	\$491
	Tisbury Landfill	\$558	(\$316)	\$0	(\$121)	\$121
	West Tisbury Landfill	\$343	(\$127)	(\$21)	(\$98)	\$98
Grand Total		\$11,718	(\$5,486)	(\$209)	(\$3,012)	\$3,012

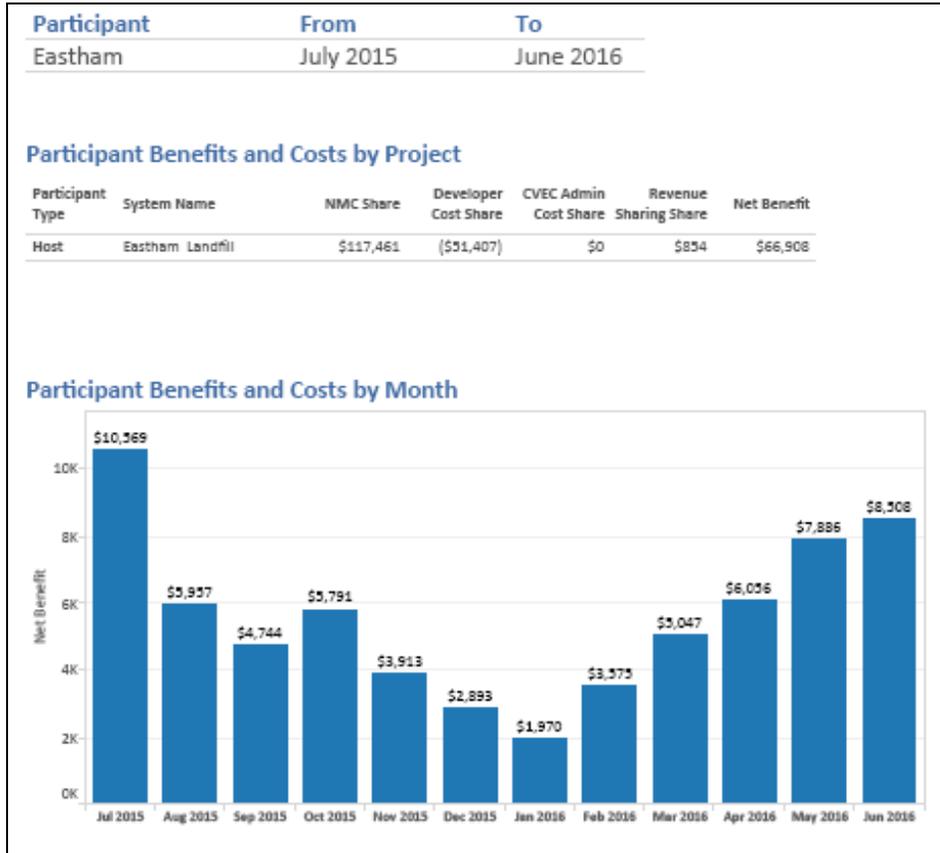
Participant Benefits and Costs by Month



DENNIS-YARMOUTH REGIONAL SCHOOL DISTRICT



TOWN OF EASTHAM



TOWN OF EDGARTOWN

Participant	From	To
Edgartown	July 2015	June 2016

Participant Benefits and Costs by Project

Participant Type	System Name	NMC Share	Developer Cost Share	CVEC Admin Cost Share	Revenue Sharing Share	Net Benefit
Host	Katama Farm	\$251,498	(\$143,215)	\$0	\$0	\$108,283
	Nunnepog Well	\$119,193	(\$73,949)	\$0	\$27,472	\$72,719
Grand Total		\$370,694	(\$217,164)	\$0	\$27,472	\$181,002

Participant Benefits and Costs by Month



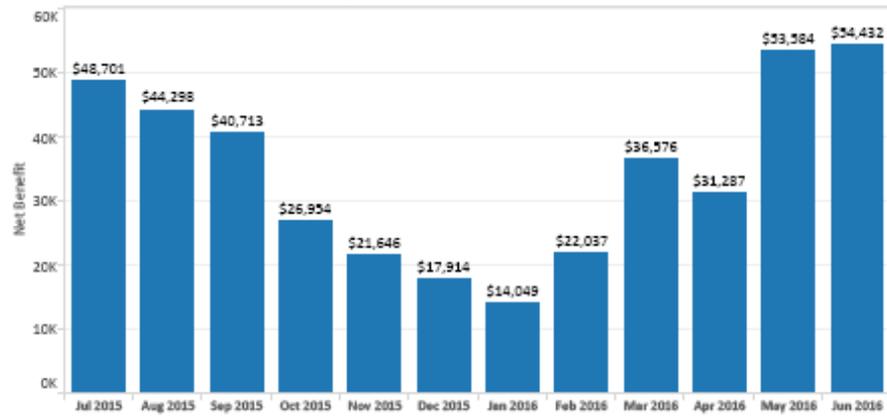
TOWN OF HARWICH

Participant	From	To
Harwich	July 2015	June 2016

Participant Benefits and Costs by Project

Participant Type	System Name	NMC Share	Developer Cost Share	CVEC Admin Cost Share	Revenue Sharing Share	Net Benefit
Host	Harwich Landfill	\$560,843	(\$246,062)	\$0	\$97,410	\$412,191

Participant Benefits and Costs by Month



MONOMOY REGIONAL SCHOOL DISTRICT

Participant	From	To
Monomoy Schools	July 2015	June 2016

Participant Benefits and Costs by Project

Participant Type	System Name	NMC Share	Developer Cost Share	CVEC Admin Cost Share	Revenue Sharing Share	Net Benefit
Offtaker	Barnstable Fire District	\$25,561	(\$9,112)	(\$2,408)	(\$7,021)	\$7,021
	Eastham Landfill	\$633	(\$295)	\$0	(\$179)	\$179
	Nunnepeg Well	\$30,406	(\$18,864)	\$0	(\$5,771)	\$5,771
	Tisbury Landfill	\$6,519	(\$3,694)	\$0	(\$1,412)	\$1,412
Grand Total		\$63,139	(\$31,965)	(\$2,408)	(\$14,383)	\$14,383

Participant Benefits and Costs by Month



TOWN OF OAK BLUFFS

Participant	From	To
Oak Bluffs	July 2015	June 2016

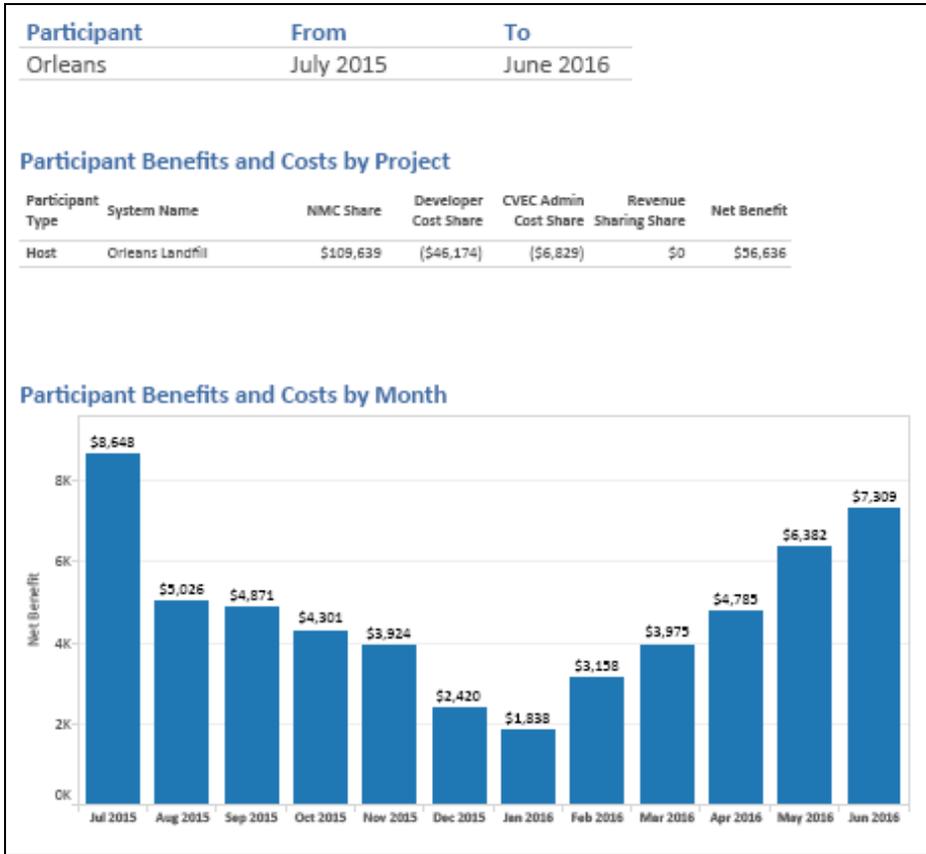
Participant Benefits and Costs by Project

Participant Type	System Name	NMC Share	Developer Cost Share	CVEC Admin Cost Share	Revenue Sharing Share	Net Benefit
Offtaker	Barnstable Fire District	\$5,918	(\$2,087)	(\$555)	(\$1,638)	\$1,638
	Eastham Landfill	\$162	(\$73)	\$0	(\$44)	\$44
	Harwich Landfill	\$23,244	(\$10,198)	\$0	(\$6,523)	\$6,523
	Nunnepeg Well	\$7,601	(\$4,716)	\$0	(\$1,443)	\$1,443
	Tisbury Landfill	\$1,623	(\$920)	\$0	(\$352)	\$352
	West Tisbury Landfill	\$1,274	(\$470)	(\$80)	(\$362)	\$362
Grand Total		\$39,822	(\$18,464)	(\$635)	(\$10,362)	\$10,362

Participant Benefits and Costs by Month



TOWN OF ORLEANS



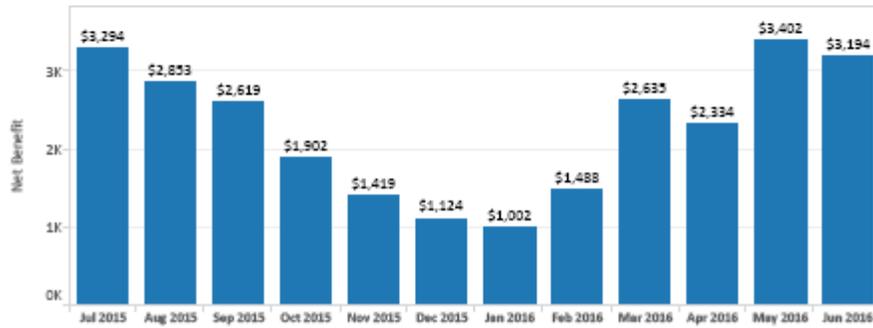
TOWN OF PROVINCETOWN

Participant	From	To
Provincetown	July 2015	June 2016

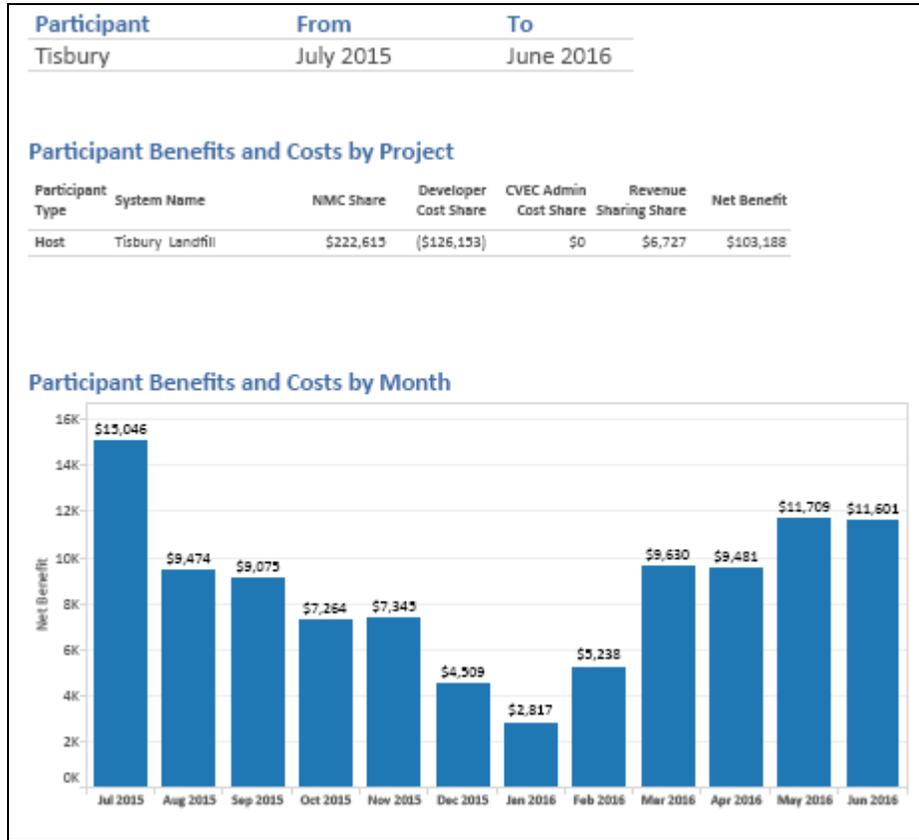
Participant Benefits and Costs by Project

Participant Type	System Name	NMC Share	Developer Cost Share	CVEC Admin Cost Share	Revenue Sharing Share	Net Benefit
Offtaker	Barnstable Fire District	\$16,533	(\$5,888)	(\$1,557)	(\$4,544)	\$4,544
	Eastham Landfill	\$426	(\$192)	\$0	(\$117)	\$117
	Harwich Landfill	\$60,561	(\$26,570)	\$0	(\$16,995)	\$16,995
	Nunnepeg Well	\$19,769	(\$12,265)	\$0	(\$3,752)	\$3,752
	Tisbury Landfill	\$4,236	(\$2,401)	\$0	(\$918)	\$918
	West Tisbury Landfill	\$3,306	(\$1,219)	(\$206)	(\$940)	\$940
Grand Total		\$104,830	(\$48,535)	(\$1,763)	(\$27,266)	\$27,266

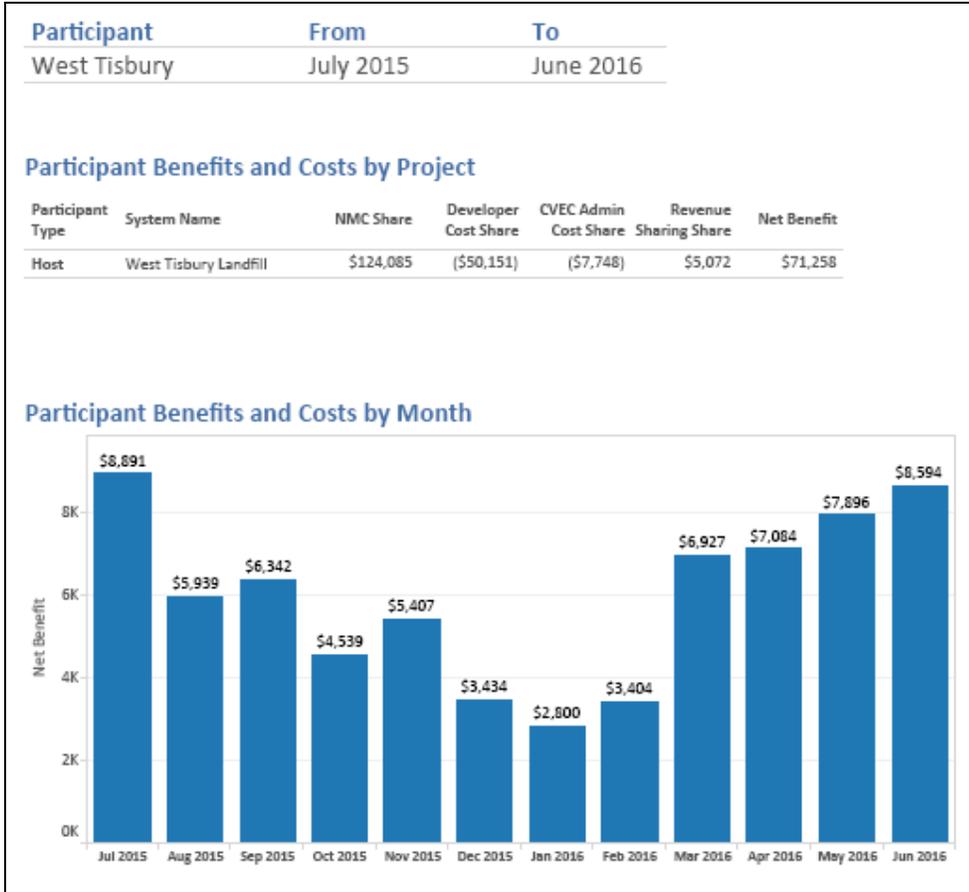
Participant Benefits and Costs by Month



TOWN OF TISBURY



TOWN OF WEST TISBURY



TOWN OF YARMOUTH

