

CVEC Net Metering: FY 2020 Report



Totals by Year

	kWh	Avg NMC Rate	NMC / BTM credit	Developer Cost	CVEC Admin Cost	Net Benefit
FY 2017	38,621,219	\$0.15	\$5,902,115	(\$2,972,222)	(\$188,134)	\$2,741,759
FY 2018	37,226,654	\$0.17	\$6,213,182	(\$2,905,677)	(\$280,157)	\$3,026,954
FY 2019	39,586,723	\$0.17	\$6,796,549	(\$3,103,004)	(\$306,105)	\$3,387,441
FY 2020	39,583,274	\$0.16	\$6,456,440	(\$3,093,060)	(\$263,293)	\$3,099,143

FY 2020 by Participant

Participant	kWh	NMC / BTM credit	Developer Cost	CVEC Admin Cost	Revenue Sharing	Net Benefit
Airport	1,364,243	\$219,415	(\$85,197)	(\$14,488)	\$251,931	\$371,661
Barnstable	11,373,120	\$1,853,708	(\$778,084)	(\$78,991)	(\$251,931)	\$744,703
Barnstable County	1,176,817	\$188,351	(\$102,616)	(\$5,764)	(\$32,648)	\$47,323
Barnstable Fire Dist..	359,876	\$57,737	(\$21,977)	(\$5,733)	\$26,923	\$56,950
Bourne	232,900	\$46,580	(\$28,486)	(\$469)	\$0	\$17,625
Brewster	2,493,854	\$410,532	(\$228,457)	(\$7,402)	(\$19,953)	\$154,720
Chatham	2,735,846	\$443,909	(\$202,908)	(\$8,905)	(\$8,613)	\$222,538
Chilmark	62,427	\$10,005	(\$5,161)	(\$422)	(\$1,721)	\$2,702
COMM FD	2,253,689	\$361,958	(\$225,369)	(\$22,537)	\$0	\$114,052
Cotuit	403,963	\$64,879	(\$40,396)	(\$4,040)	\$0	\$20,443
Dukes County	71,821	\$11,516	(\$5,374)	(\$369)	(\$2,887)	\$2,887
DYRSD	1,324,236	\$239,007	(\$92,733)	(\$20,772)	\$82,424	\$207,925
Eastham	634,636	\$110,823	(\$58,766)	(\$1,191)	\$5,481	\$56,348
Edgartown	1,998,077	\$318,609	(\$185,493)	(\$4,995)	\$20,792	\$148,912
Harwich	3,523,373	\$567,633	(\$250,160)	(\$8,808)	\$95,518	\$404,183
Monomoy Schools	1,479,827	\$241,539	(\$156,587)	(\$9,025)	(\$13,065)	\$62,862
Oak Bluffs	456,643	\$75,716	(\$39,431)	(\$2,402)	(\$9,943)	\$23,941
Orleans	646,224	\$102,794	(\$43,691)	(\$6,863)	\$0	\$52,240
Provincetown	1,383,171	\$230,646	(\$118,720)	(\$8,436)	(\$25,965)	\$77,524
Tisbury	1,148,585	\$184,172	(\$104,866)	(\$2,871)	\$5,330	\$81,765
West Tisbury	696,525	\$110,369	(\$45,086)	(\$7,397)	\$4,436	\$62,322
Yarmouth	3,763,421	\$606,542	(\$273,500)	(\$41,413)	(\$126,111)	\$165,518
Grand Total	39,583,274	\$6,456,440	(\$3,093,060)	(\$263,293)		\$3,099,143

Participants include hosts of solar projects and offtakers of net metering credits from solar projects hosted by others.

FY 2020 by System

Round	System Name	kWh	NMC / BTM credit	Developer Cost	CVEC Admin Cost	Net Benefit
1	Barnstable Landfill 1	3,005,400	\$482,499	(\$219,094)	(\$7,514)	\$255,892
	Barnstable Landfill 2	1,900,680	\$302,670	(\$138,560)	(\$4,752)	\$159,358
	Brewster Landfill	1,455,000	\$233,416	(\$123,675)	(\$3,638)	\$106,104
	Chatham Landfill	2,218,200	\$356,654	(\$159,045)	(\$5,546)	\$192,064
	Eastham Landfill	497,340	\$77,507	(\$35,162)	(\$1,243)	\$41,102
	Harwich Landfill	5,704,017	\$918,946	(\$404,985)	(\$14,260)	\$499,701
	Katama Farm	1,404,540	\$224,359	(\$126,970)	(\$3,511)	\$93,877
	Nunnepog Well	1,314,298	\$208,702	(\$129,590)	(\$3,286)	\$75,827
	Tisbury Landfill	1,308,773	\$209,859	(\$119,492)	(\$3,272)	\$87,096
2	Airport - Section 2	7,105,440	\$1,142,786	(\$443,735)	(\$75,460)	\$623,591
	Barnstable Fire District	1,005,246	\$161,276	(\$61,390)	(\$16,013)	\$83,874
	Barnstable HS	400,658	\$80,132	(\$29,328)	(\$4,187)	\$46,617
	Barnstable Senior Ctr	113,785	\$22,757	(\$6,349)	(\$1,189)	\$15,219
	Bourne Community Ctr	44,925	\$8,985	(\$3,203)	(\$469)	\$5,312
	Chatham Annex	29,386	\$5,877	(\$2,095)	(\$307)	\$3,475
	Chatham Police Station	29,012	\$5,802	(\$2,069)	(\$303)	\$3,431
	DY High Roof Mount	643,000	\$104,893	(\$47,068)	(\$10,082)	\$47,743
	DYHS Ground Mount	835,860	\$133,239	(\$56,128)	(\$13,315)	\$63,796
	Ezra Baker School	75,818	\$15,163	(\$5,406)	(\$1,189)	\$8,569
	Marguerite Small School	1,104,600	\$176,393	(\$64,741)	(\$17,596)	\$94,056
	Mattacheese School	222,413	\$44,483	(\$16,281)	(\$3,487)	\$24,715
	Orleans Landfill	646,224	\$102,794	(\$43,691)	(\$6,863)	\$52,240
	Provincetown Transfer ..	183,237	\$36,647	(\$10,633)	(\$1,915)	\$24,099
	West Tisbury Landfill	803,277	\$127,285	(\$51,996)	(\$8,531)	\$66,758
	West Villages School	36,171	\$7,234	(\$2,648)	(\$378)	\$4,209
	Wixon School	465,744	\$87,992	(\$29,193)	(\$7,328)	\$51,471
3	Chatham Fire Station	52,069	\$10,414	(\$2,955)	(\$260)	\$6,253
	Eastham Library	55,787	\$11,157	(\$4,178)	(\$279)	\$6,700
	Oak Bluffs Fire Station	65,932	\$13,186	(\$4,938)	(\$330)	\$7,918
	Provincetown Water Tr..	50,883	\$10,177	(\$3,811)	(\$254)	\$6,111
	Yarmouth Fire Station 1	38,691	\$7,738	(\$2,898)	(\$193)	\$4,647
	Yarmouth Fire Station 3	83,709	\$16,742	(\$6,270)	(\$419)	\$10,053
CVEC..	Barnstable HS (CVEC-7)	175,229	\$35,046	(\$23,568)		\$11,478
	Bourne MS (CVEC-7)	187,975	\$37,595	(\$25,282)		\$12,312
	Eastham DPW (CVEC-7)	92,083	\$18,417	(\$12,385)		\$6,032
	Eastham ES (CVEC-7)	122,066	\$24,413	(\$16,418)		\$7,995
	Eddy School (CVEC-7)	137,895	\$27,579	(\$18,547)		\$9,032
	Harwich ES (CVEC-7)	138,221	\$27,644	(\$18,591)		\$9,053
	Stoney Brook School (C..	134,563	\$26,913	(\$18,099)		\$8,814
Other	First Generation Wind	2,205,357	\$351,117	(\$253,616)	(\$11,027)	\$86,474
	Nexamp	832,118	\$133,114	(\$83,212)	(\$8,321)	\$41,581
	Syncarpha	2,657,652	\$426,837	(\$265,765)	(\$26,577)	\$134,495
Grand Total		39,583,274	\$6,456,440	(\$3,093,060)	(\$263,293)	\$3,099,143

Annual Comparisons

Net Benefits By Participant

Participant	FY 2017	FY 2018	FY 2019	FY 2020
Airport	\$322,440	\$376,342	\$408,893	\$371,661
Barnstable	\$672,852	\$747,552	\$806,055	\$744,703
Barnstable County	\$40,539	\$51,741	\$58,090	\$47,323
Barnstable Fire District	\$54,047	\$64,775	\$69,599	\$56,950
Bourne	\$12,409	\$12,942	\$16,700	\$17,625
Brewster	\$133,771	\$143,548	\$172,380	\$154,720
Chatham	\$199,212	\$167,690	\$236,037	\$222,538
Chilmark	\$1,625	\$2,341	\$3,114	\$2,702
COMM FD	\$41,418	\$113,607	\$128,400	\$114,052
Cotuit	\$7,418	\$20,348	\$23,015	\$20,443
Dukes County	\$2,739	\$2,954	\$3,293	\$2,887
DYRSD	\$194,002	\$184,388	\$221,347	\$207,925
Eastham	\$50,359	\$52,282	\$71,201	\$56,348
Edgartown	\$129,399	\$131,963	\$172,359	\$148,912
Harwich	\$364,921	\$371,925	\$441,216	\$404,183
Monomoy Schools	\$38,808	\$65,942	\$80,439	\$62,862
Oak Bluffs	\$12,359	\$16,749	\$19,607	\$23,941
Orleans	\$50,524	\$57,879	\$48,907	\$52,240
Provincetown	\$59,346	\$72,577	\$81,063	\$77,524
Tisbury	\$177,684	\$151,665	\$98,231	\$81,765
West Tisbury	\$58,327	\$72,867	\$60,817	\$62,322
Yarmouth	\$117,561	\$144,878	\$166,677	\$165,518
Grand Total	\$2,741,759	\$3,026,954	\$3,387,441	\$3,099,143

There was a modest decline in net benefits in FY 2020 compared to FY 2019 due to a slight decline in kWh production (for most systems) and a decline in the average net metering rate from \$0.17 to \$0.16 per kWh.

Annual Comparisons

Net Benefits By System

Round	System Name	FY 2017	FY 2018	FY 2019	FY 2020
1	Barnstable Landfill 1	\$225,650	\$242,036	\$244,589	\$255,892
	Barnstable Landfill 2	\$156,955	\$175,911	\$196,612	\$159,358
	Brewster Landfill	\$97,612	\$97,469	\$117,366	\$106,104
	Chatham Landfill	\$183,613	\$145,561	\$208,398	\$192,064
	Eastham Landfill	\$43,694	\$48,518	\$66,588	\$41,102
	Harwich Landfill	\$451,160	\$459,819	\$545,486	\$499,701
	Katama Farm	\$73,385	\$69,101	\$105,585	\$93,877
	Nunnepeg Well	\$77,176	\$86,611	\$92,002	\$75,827
	Tisbury Landfill	\$189,267	\$161,552	\$104,634	\$87,096
2	Airport - Section 2	\$541,007	\$631,446	\$686,062	\$623,591
	Barnstable Fire District	\$79,598	\$95,397	\$102,502	\$83,874
	Barnstable HS	\$39,901	\$42,450	\$51,454	\$46,617
	Barnstable Senior Ctr	\$19,447	\$19,428	\$22,028	\$15,219
	Bourne Community Ctr	\$4,203	\$4,217	\$5,035	\$5,312
	Chatham Annex	\$2,173	\$2,853	\$3,570	\$3,475
	Chatham Police Station	\$2,726	\$2,702	\$3,031	\$3,431
	DY High Roof Mount	\$59,026	\$39,401	\$53,268	\$47,743
	DYHS Ground Mount	\$53,760	\$64,854	\$68,957	\$63,796
	Ezra Baker School	\$7,039	\$6,761	\$8,285	\$8,569
	Marguerite Small School	\$81,318	\$88,508	\$94,767	\$94,056
	Mattacheese School	\$21,872	\$21,950	\$25,081	\$24,715
	Orleans Landfill	\$50,524	\$57,879	\$48,907	\$52,240
	Provincetown Transfer ..	\$24,744	\$23,175	\$22,510	\$24,099
	West Tisbury Landfill	\$62,479	\$78,054	\$65,146	\$66,758
	West Villages School	\$3,695	\$4,527	\$3,620	\$4,209
	Wixon School	\$40,510	\$41,217	\$55,448	\$51,471
3	Chatham Fire Station				\$6,253
	Eastham Library				\$6,700
	Oak Bluffs Fire Station				\$7,918
	Provincetown Water Tr..				\$6,111
	Yarmouth Fire Station 1				\$4,647
	Yarmouth Fire Station 3				\$10,053
CVEC-7	Barnstable HS (CVEC-7)	\$8,637	\$8,097	\$10,582	\$11,478
	Bourne MS (CVEC-7)	\$8,206	\$8,724	\$11,664	\$12,312
	Eastham DPW (CVEC-7)	\$4,193	\$4,473	\$5,942	\$6,032
	Eastham ES (CVEC-7)	\$5,333	\$5,760	\$7,551	\$7,995
	Eddy School (CVEC-7)	\$5,514	\$5,846	\$8,587	\$9,032
	Harwich ES (CVEC-7)	\$6,101	\$6,346	\$8,750	\$9,053
	Stoney Brook School (C..	\$4,638	\$6,243	\$8,267	\$8,814
Other	First Generation Wind	\$57,768	\$110,960	\$124,569	\$86,474
	Nexamp		\$25,151	\$49,180	\$41,581
	Syncarpha	\$48,837	\$133,955	\$151,415	\$134,495
Grand Total		\$2,741,759	\$3,026,954	\$3,387,441	\$3,099,143