

**Cape Light Compact Municipal LED Street Light Retrofit Project
Existing, Proposed and Estimated Savings Comparison**

Participating Municipality	Existing			Proposed LED				Estimated Yearly Savings		
	Light Count	Annual kWh	Utility Bill S-2 Charge	Light Count	Annual kWh	Utility Bill S-2 Charge	Estimated Project Cost	Annual kWh Savings	Utility Bill S-2 Charge Savings	Annual Maintenance Savings
Barnstable Fire District	8	6,200	\$ 1,125	8	1,378	\$ 290	\$ 3,121	4,822	\$ 835	\$ 108
Bourne	1,163	330,016	\$ 73,131	1,163	101,651	\$ 26,547	\$ 413,627	228,365	\$ 46,584	\$ 15,724
Brewster	106	33,296	\$ 7,175	106	9,578	\$ 2,469	\$ 39,094	23,718	\$ 4,706	\$ 1,433
C-O-MM Fire District (Ph II)	1,323	414,897	\$ 89,439	1,322	95,629	\$ 30,731	\$ 468,700	319,268	\$ 58,708	\$ 17,873
Chatham	559	164,548	\$ 36,089	559	47,689	\$ 12,575	\$ 206,166	116,859	\$ 23,514	\$ 7,558
Chilmark	21	9,252	\$ 1,689	21	1,688	\$ 456	\$ 7,745	7,564	\$ 1,233	\$ 284
Cotuit Fire District	303	85,968	\$ 19,051	303	27,592	\$ 7,092	\$ 106,429	58,376	\$ 11,959	\$ 4,097
Dennis	2,177	590,420	\$ 132,570	2,177	189,423	\$ 49,558	\$ 805,461	400,997	\$ 83,012	\$ 29,433
Edgartown	288	147,948	\$ 28,587	288	30,893	\$ 7,479	\$ 106,218	117,055	\$ 21,108	\$ 3,894
Falmouth	2,573	634,040	\$ 144,930	2,573	221,140	\$ 58,139	\$ 903,766	412,900	\$ 86,791	\$ 34,787
Harwich	1,137	292,424	\$ 66,716	1,137	98,427	\$ 25,803	\$ 421,896	193,997	\$ 40,913	\$ 15,372
Hyannis Fire District	1,311	585,224	\$ 115,888	1,311	174,364	\$ 40,709	\$ 509,015	410,860	\$ 75,179	\$ 17,725
Mashpee	368	114,260	\$ 24,697	368	33,806	\$ 8,660	\$ 129,260	80,454	\$ 16,037	\$ 4,975
Oak Bluffs	525	146,804	\$ 32,669	525	49,501	\$ 12,556	\$ 193,627	97,303	\$ 20,113	\$ 7,098
Orleans	287	89,248	\$ 19,283	287	25,996	\$ 6,695	\$ 105,849	63,252	\$ 12,588	\$ 3,880
Provincetown	436	182,540	\$ 36,725	436	46,652	\$ 11,304	\$ 183,406	135,888	\$ 25,421	\$ 5,895
Sandwich	257	89,812	\$ 18,832	257	25,206	\$ 6,300	\$ 90,271	64,606	\$ 12,532	\$ 3,475
Tisbury (Ph II)	232	94,392	\$ 17,919	178	26,392	\$ 4,513	\$ 47,765	68,000	\$ 13,406	\$ 2,407
Truro	40	14,368	\$ 2,993	40	4,109	\$ 1,010	\$ 14,753	10,259	\$ 1,983	\$ 541
Wellfleet	233	98,636	\$ 19,798	233	25,504	\$ 6,131	\$ 85,933	73,132	\$ 13,667	\$ 3,150
West Barnstable FD	91	22,152	\$ 5,142	91	8,276	\$ 2,128	\$ 31,964	13,876	\$ 3,014	\$ 1,230
West Tisbury (Ph II)	47	21,904	\$ 3,987	42	380	\$ 145	\$ 9,357	21,524	\$ 3,842	\$ 568
Yarmouth	2,163	610,572	\$ 132,636	2,163	203,625	\$ 52,121	\$ 779,552	406,947	\$ 80,515	\$ 29,244
Totals	15,648	4,778,921	\$ 1,031,071	15,588	1,448,899	\$ 373,411	\$ 5,662,975	3,330,022	\$ 657,660	\$ 210,750

Note: All estimates based on field audit, engineering/design calculations & actuals (thru 12/29/2014).

-70% Total Project kWh savings