

Technical/ Environmental Assessment	Title	Town of Falmouth Street Light Upgrade
	Baseline	507 HID Cobrahead fixtures, 91 HID Post Top fixtures* Total demand: 57.3 kW Annual energy consumption: 244,226 kWh Annual operating hours: 4,260
	Technology Provider	Acuity Brands (smart ready LED fixtures with a 10-year warranty)
	Annual Energy Savings	163,946 kWh (67%)
	Annual Operating Cost Savings	\$77,261
Financial Assessment	Financing Scheme	Capital Purchase (Falmouth-financed)
	RTE Project Cost	\$226,242
	Acquisition Cost (Central Maine Power)	\$65,020
	Total Project Cost (RTE & Acquisition Costs)	\$291,262
	Project Reference Period	23 Years
	Simple Payback (including acquisition cost)	3.6

*The inventory outlined in the table above was obtained from the most recently provided Central Maine Power bill dated 03/31/17 and consists of the lights currently owned by Central Maine Power.

CURRENT STATUS	Baseline	Post Acquisition	Post Acquisition Variance vs. Baseline	Post Upgrade	Post Upgrade Variance vs. Baseline
Number of Fixtures	598	598		598	
Annual Electricity Consumption (kWh)	244,226	244,226	-	80,280	163,946
Annual Central Maine Power Charges	\$75,984	\$13,504	\$62,480	\$4,439	\$71,545
Annual Supply Charge (NextEra Energy)	\$15,642	\$15,642	-	\$5,142	\$10,501
Annual Maintenance Cost	\$0	\$5,000	(\$5,000)	\$4,784	(\$4,784)
Total Street Lights Expenditures	\$91,626	\$34,146	\$57,480	\$14,365	\$77,261