
Comprehensive Energy Efficient Facility Upgrade

Developed by  for:

Town of Montague - Miller's Falls Library

23 Bridge St, Millers Falls Massachusetts 01349

Walter Ramsey

413-863-3200 x112



Energy Resources Consultant:

Darek Chomiak

413-376-8575

dchomiak@energyresourcesusa.net

Issued on: April 1, 2021

Expires on: May 1, 2021

*Energy Resources is an approved contractor for the
Eversource MA Small Business DI Program*

Project Savings Overview

INPUT FACTORS:

kWh Rate	\$0.19 / kWh
Oil Rate	\$2.58 / Gallon
Hours of Operation	Varies by Location
Existing Measure Count	38 measures
Proposed Measure Count	38 measures

ENERGY and FINANCIAL SAVINGS:

Annual kWh Saved	1,283 kWh
Total Gallons Saved	830 Gallons
Total Annual Savings (\$)	\$1,055.20

FACILITY INVESTMENT:

Turnkey Project Cost	\$67,552.50
Utility Incentive	\$12,400.26
MA Sales Tax	\$0.00
Net Total Investment	\$55,152.24

**Pricing based on Prevailing Wage*

FINANCIAL ANALYSIS:

Project ROI	1.91%
-------------	-------

Initials _____ Date _____

Customer has 30 days to act on this proposal.

Detailed Energy Analysis

ECM	Location	Existing System	Qty	Fixture Watts	Annual HRS	Replacement System	Qty	Fixture Watts	Annual HRS	Watts Saved	kWh Saved	Annual \$ Savings
1	Library	2 x 4 4L T8 32W	21	112	624	Maxlite EX 4' 4L Type C w/ Driver 13W	21	52	624	1,260.0	786.2	\$ 149.39
2	Library	Standard Exit Sign	2	30	8,760	LED Exit w/ Emerg. Lights	2	2	8,760	56.0	490.6	\$ 93.21
3	Bathroom	4' 2L T8 Strip/Wrap 32W	1	60	104	Maxlite EX 4' 2L Type C w/ Driver 13W	1	26	104	34.0	3.5	\$ 0.67
4	Basement	23W CFL S/I	4	23	52	9.5W A19 LED	4	9.5	52	54.0	2.8	\$ 0.53
5	Facility	Hydronic Unit Heater	1	0	8,760	New Mitsubishi Ductless Heat Pump	1	0	0	0.0	0.0	\$ 811.40
6	Facility	Single Pane Glass	8	0	8,760	New Energy Efficient Window	8	0	0	0.0	0.0	\$ -
7	Facility	Glass Door	1	0	8,760	New Energy Efficient Door	1	0	0	0.0	0.0	\$ -
		Total	38				38			1,404.0	1,283.1	\$ 1,055.20

Project Benefits Summary

Reduce Energy Consumption	55%
Reduce Annual Utility Cost	\$1,055.20
Reduce Annual Maintenance Costs	
Instant on / Instant off Lighting	
Longer Life Lighting System	
Improved Color Rendering	
Disposal/Recycling of higher mercury lamps	

Printed Name _____

Signature _____

Company Title _____

Date _____

Warranty and Notes

The Energy Resources turnkey solution includes the recycling of your existing technology and the disposal of non-hazardous waste. Materials and workmanship of your newly upgraded measures are fully warranted as follows:

- Workmanship – Energy Resources 2 Year Warranty
- Products - Manufacturer's Material Warranty

Your utility incentivized energy efficiency upgrade will result in **a large reduction in operating costs** for your facility. In addition, the new equipment will improve the quality of the overall working environment.

Customer signature of the proposal is authorization for Energy Resources to proceed with construction. Customer agrees to promptly execute any documents required by Eversource to effect payment to Energy Resources.

Project savings analysis is based on current burnt out lights being relamped prior to project installation.

This proposal is only guaranteed for 30 days from date of initial presentation.

