



Building Dashboard

BUILDING DECOMMISSIONED IN OCTOBER 2021

Fire Station	412 Main Street
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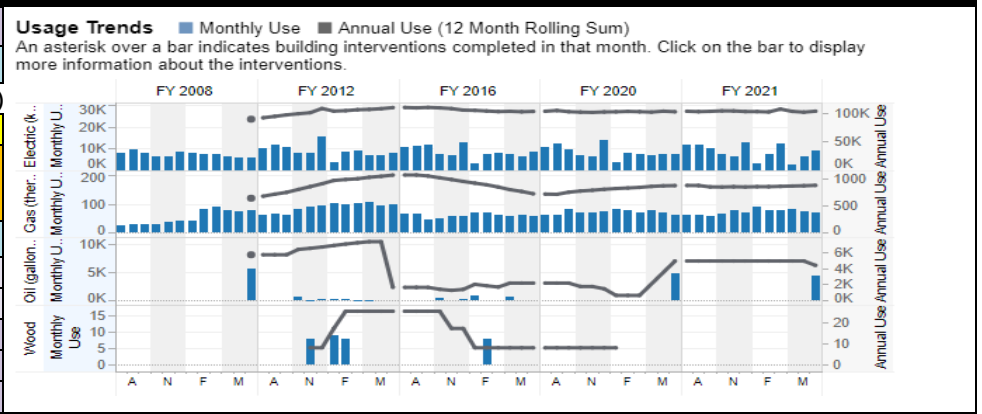
Building Data

Structural Details		HVAC		Condition	Equipment	Type/age
Year Built	1936 - station built (WPA) 1990's - East garage added	Heating System	Oil-Fired Boiler (500 gallon tank) Pellet Boiler	POOR GOOD (exhaust issues)	Interior Lighting	T-8s - upgraded in 2014 - added occupancy sensors
Square Footage	21,200	Heat Distribution	Two-Pipe System with Convectors and Unit Heaters		Exterior Lighting	Needs Data
Envelope	Brick - Masonry	Air Conditioning	12 air conditioners (one split unit)		Washer/Dryer Refrigerator	Needs Data
Roof	Gable - Slate Shingles	Ventilation	Passive		Vending Machines	Needs Data
Windows	Double Glazed	Hot Water Heater	Gas Fired 100gal with solar preheat tank (Stiebel Eltron)	GOOD	Air compressor	Good Condition
Insulation	None					

Building Summary
BUILDING DECOMMISSIONED IN OCTOBER 2021. Fire Department moved to temporary location on Hope Street. Truck Bay added 1999, Converted from Steam to Hot Water in 2006, added Wood Pellet Boilers in 2012. Very tall chimney, and hose tower contribute to air quality issues from pellet burner. 2009 saw an increased energy usage due to a switch to 24 hour shifts

Energy Profile - FY2021

Energy Usage		
Electric (kWh)	Heat (therms;gallons)	EUI (kBtu/sqft)
102,579	876;4341	49
EUI ≤ 35 Meets Zero Energy Goal	EUI = 35-50 Efficient	EUI >50 Priority to Improve
Annual Energy Cost		
Electric	Heat	Total
\$17,771	\$9,300	\$27,071
Berkshire Gas Rate Class	G-51	
Electric Service Rate Class	G0	
Average Monthly Demand (kW)	19.9	



Completed Work

Fiscal Year	Project	Cost to Town	Life Expectancy	Warranty
2006	Convert from steam to hot water	N/A	N/A	expired
2011	Wood Pellet Boiler installed	Mass-High Performance	20 years	expired
2011	Solar hot water system installed	Buildings Grant	20 years	expired

Capital Improvement Plan Projects

Fiscal Year	Project	Cost	Life Expectancy	Warranty
2022-2024	In Process - New Fire Station/Public Safety Complex	\$17M est	50+ years	TBD

Audits/Assessments

Fiscal Year	Type	Findings
2009	Siemens Whole building	Report available upon request
2017	UMASS air quality assessment	Need to block oil burner chimney to prevent backdraft from pellet boiler