



Building Dashboard

Green River School			62 Meridian Street			
Building Data						
Structural Details		HVAC		Condition	Appliances/equipment	
Year Built	1948 - gymnasium added in 1993	Heating System	Gas-fired steam boiler 3 air handlers serving kitchen, gym, nurse, classrooms/ music	FAILED - no distribution system - to be replaced	Interior Lighting	all upgraded to LEDs 2018
Square footage	20,570	Heat Distribution	Two-pipe low pressure steam system, with unit ventilators, fin tube radiators, and convectors as terminal units		Exterior Lighting	2 - 125 watt LED spotlights, other exterior lights unknown
Envelope	Masonry/Brick - doors replaced 2015	Controls	Inoperable pneumatic control system with air compressor			
Roof	Gable, asphalt shingles - new roof 2015	Ventilation	3 exhaust fans in attic	FAIR	Vending Machines	None
Windows	double glazed - new windows 2015	Air Conditioning	One 1st floor mini-split unit	GOOD	Kitchen	Elec Range/hood Warming Cabinet 2 Large Fridges
Insulation	2015 - 15" insulation, blown in cellulose over older loose fill and batts	Hot Water Heater	Gas-fired, natural draft -50 gal	EXCELLENT		
Building Summary	Building was closed from 2002 to 2012, converted from oil to gas in 2014, MSBA funded roof and window replacement in 2015, closed again since 2017. Heating system to be replaced in FY22/23					
Energy Profile - FY2021			Usage Trends			
Energy Usage			Usage Trends ■ Monthly Use ■ Annual Use (12 Month Rolling Sum) An asterisk over a bar indicates building interventions completed in that month. Click on the bar to display more information about the interventions.			
Electric (kWh)	Heat (therms)	EUI (kBtu/sqft)				
25,403	0	4				
EUI ≤ 35 Meets Zero Energy Goal	EUI = 35-50 Efficient	EUI > 50 Priority to Improve				
Annual Energy Cost						
Electric	Heat	Total				
\$4,734	\$0	\$4,734				
Berkshire Gas Rate Class		G42				
Electric Service Rate Class		G0				
Average Monthly Demand (kW)		2.2				
Completed Work						
Fiscal Year	Project	Project Cost	Grants/Rebates	Life Expectancy	Warranty	
2014	Gas-fired steam converted from oil in February 2014	N/A	N/A	N/A	N/A	
2015	Roof and window replacement	\$1,606,714	\$912,864	N/A	N/A	
2015	Insulation and Air Sealing	\$72,945	\$60,000	N/A	N/A	
2019	LED lighting upgrade - on bill financed	\$12,022	\$4,670	20+ years	5 years	
Capital Improvement Plan Projects						
Fiscal Year	Project	Cost	Life Expectancy	Warranty		
2022	Replace Heating System	TBD	N/A	N/A		
Audits/Assessments						
Fiscal Year	Type	Findings				
2009	Siemens Whole building assessment	Report available upon request				
2014	Clearesult	Report available upon request				
2016	Solar Assessment (Solect Energy)	Roof can support an 87.1 kW solar array, but would require an electrical upgrade				