New Milford Board of Education	n
Public Hearing Minutes	
December 7, 2021	
Virtual via Zoom	

Present:	Mrs. Wendy Faulenbach Mr. Eric Hansell Mr. Pete Helmus Mr. Brian McCauley Mrs. Tammy McInerney Mr. Tom O'Brien Mrs. Olga I. Rella Mrs. Leslie Sarich	RECEIV TOWN CLE
Absent:	Mr. Keith A. Swanhall Jr.	

Also Present:	Ms. Alisha DiCorpo, Superintendent of Schools
	Ms. Holly Hollander, Assistant Superintendent
	Mr. Anthony Giovannone, Director of Operations and Fiscal Services
	Mrs. Catherine Gabianelli, Human Resources Director
	Mrs. Laura Olson, Director of Pupil Personnel and Special Services
	Ms. Jamie Terry, Technology Director
	Mr. Keith Lipinsky, New Milford High School Athletic Director

1.	Prese	ntation	Prese	ntation
Α.		23 Budget Topics		22-23 Budget Topics
	1. Five Year Capital Plan		1.	Five Year Capital Plan
	2.	Energy Savings Initiatives	2.	Energy Savings Initiatives
		Superintendent Alisha DiCorpo presented on topics related to the Superintendent's 2022-23 Proposed Budget in a Hearing/Workshop format. The presentation is attached and the session was recorded. Ms. DiCorpo said the purpose of the workshop is to review several updated capital plans that rest outside of the operating budget that will be presented to the Board in January. This presentation will document the needs in these areas. Following these presentations, we will share information regarding the joint energy savings initiatives project with the Town	ψt.	

- through ESG and NV5 which may affect the operating budget.
- Mr. Lipinsky presented regarding athletic capital needs. These include uniform refresh for boys' and girls' track and field, dance team uniforms not previously funded and uniforms for the new team of boys' volleyball; new flooring for the weight room and a set of kettlebell weights; softball field fencing; and safety netting.
- Mrs. Faulenbach asked how many of the expenses listed are recurring. Mr. Lipinsky said the uniforms and weight room upgrades; others are a one time expense.
- Ms. DiCorpo spoke regarding the band capital request to begin a refresh cycle for instruments, uniforms and equipment. These smaller bites at the capital plan will avoid a large purchase against any one budget year.
- Technology Director Jamie Terry presented the technology capital plan requests. Many are tied to cyber insurance requirements and mobile device sustainability.
- Mr. McCauley asked about the hard tokens for staff. Ms. Terry said they are necessary for two form authentication under the cyber insurance requirements.
- Ms. DiCorpo said this means staff will not have to use personal devices to access email.
- Mr. McCauley said he is concerned they could be easily lost.
- Mr. Hansell asked why there is a big jump in costs for tech packs in 2026-27. Ms. Terry said that is an error on the spreadsheet and it should be more in line with other years.
- Mrs. Faulenbach asked how the Town was able to handle the cyber requirement on their side.
 Ms. Terry said they have a more modern infrastructure and already have the two form authentication. They are also much smaller in size.

- Ms. DiCorpo presented the Maintenance capital plan including a summary of completed and current projects, and major projects needed.
- Mr. Hansell suggested the plan might include contingency funds in the event the offices need to move out of East Street in an emergency.
- Ms. DiCorpo said in an emergency, offices would go remote as the best case scenario, though certainly not ideal.
- Mrs. Faulenbach said the Board does not have a contingency account. There is only the operating budget and capital.
- Ms. DiCorpo said all the needs presented are real. While hard choices need to be made, inaction just creates a spiral effect in future years that is hard to rebound from.
- Mrs. McInerney said she hopes that no plan includes additional money for the Lillis building. The plan is to move out of that building and there are too many other capital needs that must be addressed.
- Mrs. Rella asked why the district is continuing to fund 1:1 technology since the state is no longer allowing remote days.
- Ms. DiCorpo said it is a separate issue from remote days. The days of pencil and paper learning are gone. Students learn in a digital environment. This capital plan ensures commitment to sustainability and access for students.
- Ms. Hamilton from ESG highlighted the joint BOE/Town energy savings program.
- Ms. DiCorpo said she thinks it is important that
 the public understands how usage and savings
 for this project are tracked and what effect it
 has on the operating budget. Natural gas,
 electric and oil increases will show up in the
 budget.
- Mr. Helmus asked a follow up question on the Technology plan. He asked how much is

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directly related to remote versus in-person learning and if that could be broken down.

- Ms. Terry said it is hybrid at this point.
- Ms. DiCorpo said the Board could go back to a BYOD policy but devices would still be needed for testing and not all students have access to personal devices.
- Mr. Helmus said he was not necessarily recommending that but he wants to consider all options that would minimize capital expenditures. His main concern is the overall budget increase since taxpayers pay for it all.
- Ms. DiCorpo said the Board will see the capital plan in January again and that this is a working draft for now. She invited additional questions by email.
- The meeting ended at 6:32 p.m.

Respectfully submitted:

Tammy McInerney Assistant Secretary

New Milford Board of Education

New Milford Public Schools

Athletics, Band, Technology, Maintenance, ESG

2022 Budget Workshop #1 December 7th 2021

Facilities Capital 5-year plan

LOCATION	DESCRIPTION	2022/23	2023/24	2024/25	2025/26	2026/27	TOTAL
DISTRICT	SECURITY ENHANCEMENTS - ACCESS CONTROLS		\$125,000				\$125,000
DISTRICT	VEHICLE REPLACEMENT (2022 Ford 350 with acc.)	\$88,000					\$88,000
DISTRICT	CUSTODIAL EQUIPMENT (1 Floor Scrubber)		\$17,750	\$17,750	\$18,000	\$19,000	\$72,500
DISTRICT	RECURRING DOOR REPLACEMENTS		\$13,500		\$14,200		\$27,700
DISTRICT	ASBESTOS ABATEMENT		\$15,000	\$15,000	\$16,000	\$17,000	\$63,000
DISTRICT	GROUNDS EQUIPMENT REPLACEMENTS		\$53,000	\$22,000			\$75,000
DISTRICT	PLAYGROUND COMPLIANCE (MULCH & REPAIRS)	\$15,000		TBD			\$15,000
DISTRICT	MANDATORY 5 YEAR SPRINKLER TESTS		TBD				\$0
DISTRICT	CARPET REPLACEMENT	\$20,000		\$20,000		\$20,000	\$60,000
DISTRICT	PAINTING PROJECTS	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
DISTRICT	DOOR LOCKS		TBD				\$0
DISTRICT	CAMERAS (10 units)		\$30,000	\$30,000			\$60,000
DISTRICT	SEPTIC TANK ASSESSMENTS	TBD					\$0
DISTRICT	HVAC REPLACEMENT		\$55,000	\$55,000	\$55,000	\$55,000	\$220,000
NMHS	TURF FIELD MAINTENANCE		\$10,000				\$10,000
NMHS	MASONRY REPAIRS CHIMNEY	\$8,500					\$8,500
NMHS	FLOORING REPLACEMENT			\$55,000			\$55,000
NMHS	GYM CEILINGS	TBD					\$0
NMHS	GYM FLOORS REFINISHING		\$40,000	\$30,000			\$70,000
NES	WALL PANEL REPLACEMENT	\$330,000					\$330,000
NES	CIRC PUMPS AND MANIFOLD		\$25,000				\$25,000
NES	CONDENSING UNIT REPLACEMENT R-22 (4 units)			\$88,000			\$88,000
HPS	MASONRY REPAIRS CHIMNEY	\$10,000					\$10,000
HPS	CONDENSING UNIT REPLACEMENT R-22 (5 units)			\$231,000			\$231,000
HPS	AHU REPLACEMENT/ UPGRADE CAFE			\$121,000			\$121,000
SMS	OIL TANK REPLACEMENT		\$225,000				\$225,000
SMS	CAMERAS (12 units)	\$36,000					\$36,000
SMS	CONDENSING UNIT REPLACEMENT R-22 (8 units)				\$165,000		\$165,000
SMS	AHU/RTU REPLACEMENT COMP LAB		\$55,000				\$55,000
SMS	ELEVATOR REPLACEMENT	\$225,000					\$225,000
SMS	HIGH EFFICENCY BOILER REPLACEMENT					\$858,000	\$858,000
SMS	MOTORS & VFD'S RTU (12 units)				\$132,000		\$132,000
SMS	MASONRY REPAIRS CHIMNEY	\$14,000					\$14,000
SNIS	RAILING REPAIRS	\$12,000					\$12,000
	DEPARTMENT TOTAL - FACILITIES	\$768,500	\$674,250	\$694,750	\$410,200	\$979,000	\$3,526,700

Technology Capital 5-year Plan

LOCATION	DESCRIPTION	2022/23	2023/24	2024/25	2025/26	2026/27	TOTAL
DISTRICT	Infrastructure Upgrades - Wireless Access Points	\$8,100	\$15,000	\$3,500	\$3,500	\$3,500	\$33,600
DISTRICT	Infrastructure Upgrades - Firewall	\$25,000	\$35,082		_		\$60,082
DISTRICT	Infrastructure Upgrades - Servers	\$28,000	\$16,000	\$8,000	\$8,000	\$8,000	\$68,000
DISTRICT	Infrastructure Upgrades - Switches		\$18,150	\$18,150	\$18,150	\$18,150	\$72,600
DISTRICT	Hard Tokens (UBKey)	1 · ·· -	\$17,000	\$2,000	\$2,000	\$2,000	\$23,000
DISTRICT	Teacher Laptop Replacement	\$2,000					\$2,000
DISTRICT	Cloud based phone system	2-		\$99,999		П	\$99,999
DISTRICT	Teacher/Admin Laptop Replacement	\$2,800	\$6,000	\$3,000	\$10,000	\$335,000	\$356,800
DISTRICT	Non Certified Staff Chromebooks	\$1,000					\$1,000
DISTRICT	Admin Laptop Replacement	\$5,000				ad I	\$5,000
HPS	Chromebook - Grade K (113 units)	\$40,320	\$37,629		\$37,629		\$115,578
NES	Chromebook - Grade K (129 units)	\$56,385	\$42,957		\$42,957		\$142,299
SNIS	Chromebook - Grade 6 (270 units)	\$9,135	\$89,910	\$78,588	\$81,585	\$81,252	\$340,470
NMHS	Chromebook - NMHS (100 units)		\$33,300	\$33,300	\$33,300	\$80,000	\$179,900
DW	Smartboard Refresh (15)	\$34,500	\$82,500	\$82,500	\$82,500	\$82,500	\$364,500
NMHS	PLTW Desktop/Laptop Refresh (46 units)	\$50,000	\$50,000				\$100,000
SMS	PLTW Desktop/Laptop Refresh (25 units)		\$25,000				\$25,000
	DEPARTMENT TOTAL - TECHNOLOGY	\$262,240	\$468,528	\$329,037	\$319,621	\$610,402	\$1,989,828

CAPITAL 5 YEAR PLAN - BAND

LOCATION DESCRIPTION	2022/23	2023/24	2024/25	2025/26	2026/27	TOTAL
DISTRICT INSTRUMENT REPLACEMENTS	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
DISTRICT UNIFORMS - ONGOING REPLACEMENTS (10 UNITS)	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
DISTRICT EQUIPMENT (EXAMPLES: STANDS & FIELD EQUIPMENT)	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
DEPARTMENT FORAL BAND	\$15 000	\$15,000	515 000	\$15,000	\$15,000	\$75,000

CAPITAL 5 YEAR PLAN - ATHLETICS

LOCATION	DESCRIPTION	2022/23	2023/24	2024/25	2025/26	2026/27	TOTAL
DISTRICT	UNIFORMS	\$8,000	\$12,000	\$18,000	\$12,000	\$12,000	\$62,000
DISTRICT	WEIGHT ROOM UPGRADING	\$10,000	\$10,000	\$10,000	\$10,000	\$5,000	\$45,000
DISTRICT	FENCE REPAIR - SOFTBALL	\$10,000					\$10,000
DISTRICT	SAFETY NET - JV SOFTBALL	TBD					\$0
	DEPARTMENT FOTAL - ATHLETICS	529 000	\$22,000	\$28,000	\$22,000	517,000	\$117,000

	2022f23	2023/24	2024/25	2025/26	2026/27	TOTAL
GRAND TOTALS	\$1,073,740	\$1,179,778	\$1,066,787	S766,821	\$1,621,402	S5.708,528

CAPITAL 5 YEAR PLAN - FACILITIES OTHER (NOT INCLUDED IN ABOVE NUMBERS)

	REPLACEMENT OF SIDEWALKS		\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
1	ASPHALT REPLACEMENT (NES FIRST)		\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000
DISTRICT	PAVING & STORM DRAIN REPAIRS		\$30,500	\$16,000	\$17,000	\$18,000	\$81,500
DISTRICT	STORAGE BUILDING			TBD			\$0
	NES ROOF REPLACEMENT	\$3,480,000					\$3,480,000
	HPS ROOF REPLACEMENT			TBD			\$0
	CENTRL OFFICE ROOF REPLACEMENT			\$367,000			\$367,000
co	CUPOLA ROOF REPAIRS		\$68,000				\$68,000
\sim	STEAM BOILER REPLACEMENT		\$108,000				\$108,000
	FOUNDATION REPAIR		\$46,000				\$46,000
	DEPARTMENT TOTAL - FACILITIES OTHER	\$3,480,000	5602,500	\$703,000	\$337,000	\$368,000	\$5,550,500

Band Capital 5-year Plan

LOCATION	DESCRIPTION	2022/23	2023/24	2024/25	2025/26	2026/27	TOTAL
DISTRICT	INSTRUMENT REPLACEMENTS	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
DISTRICT	UNIFORMS - ONGOING REPLACEMENTS (10 UNITS)	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
DISTRICT	EQUIPMENT (EXAMPLES: STANDS & FIELD EQUIPMENT)	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
	DEPARTMENT TOTAL - BAND	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

Athletics Capital 5-year Plan

LOCATION	DESCRIPTION	2022/23	2023/24	2024/25	2025/26	2026/27	TOTAL
DISTRICT	UNIFORMS	\$8,000	\$12,000	\$18,000	\$12,000	\$12,000	\$62,000
DISTRICT	WEIGHT ROOM UPGRADING	\$10,000	\$10,000	\$10,000	\$10,000	\$5,000	\$45,000
DISTRICT	FENCE REPAIR - SOFTBALL	\$10,000					\$10,000
DISTRICT	SAFETY NET - JV SOFTBALL	TBD					\$0
	DEPARTMENT TOTAL - ATHLETICS	\$28,000	\$ 22,000	\$28,000	\$22.000	\$17,000	\$117,000

Capital

	2022/23	2023/24	2024/25	2025/26	2026/27	TOTAL
GRAND TOTALS	\$1,073,740	\$1,179,778	\$1,066,787	\$766,821	\$1,621,402	\$5,708,528

CAPITAL 5 YEAR PLAN - FACILITIES OTHER (NOT INCLUDED IN ABOVE NUMBERS)

	REPLACEMENT OF SIDEWALKS		\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
	ASPHALT REPLACEMENT (NES FIRST)		\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000
DISTRICT	PAVING & STORM DRAIN REPAIRS		\$30,500	\$16,000	\$17,000	\$18,000	\$81,500
DISTRICT S	STORAGE BUILDING			TBD			\$0
	NES ROOF REPLACEMENT	\$3,480,000					\$3,480,000
	HPS ROOF REPLACEMENT			TBD			\$0
	CENTRL OFFICE ROOF REPLACEMENT			\$367,000			\$367,000
ICO	CUPOLA ROOF REPAIRS		\$68,000				\$68,000
	STEAM BOILER REPLACEMENT		\$108,000				\$108,000
	FOUNDATION REPAIR		\$46,000				\$46,000
	DEPARTMENT TOTAL - FACILITIES OTHER	\$3,480,000	\$602,500	\$733,000	\$367,000	\$368,000	\$5,550,500

Questions?

2022 New Milford Athletics Budget Workshop

December 7, 2021

5-Year Capital 2022-2023 Workshop

Athletics Capital Plan - Uniforms 2022-2023

Boys Volleyball - \$2500

Dance Team - \$2000

Boys and Girls Track and Field - \$3500

Athletics Capital Plan - Weight Room 2022-2023

New Flooring - \$9600

Set of Kettlebell Weights including following weight increments:

10lb, 15lb, 20lb, 25lb, 30lb, 35lb, 40lb, 45lb - \$400

Athletics Capital Plan - Softball Fence 2022-2023

Repairing the bottom of the 8 foot fence surrounding the Varsity Softball Field and repairing/replacing the fence that extends down the the left field foul line from the 3rd base dugout. Estimate \$10,000 (could be less) - waiting on quote from Addessi Fence Company.

Athletics Capital Plan - Safety Net 2022-2023

Looking to add safety netting from the backstop of the JV softball field down the first base line.

Safety issue of foul balls from softball landing on North Turf Field. Can't play JV Softball and Lacrosse side by side on the same day because of safety issue. Leads to scheduling issues.

Getting quotes from 2 companies - Sportsfield Specialties (did work on our turf field project), and Beacon Athletics.

Questions?

2022 New Milford Band Budget Workshop

December 7, 2021

5-Year Capital 2022-2023 Workshop

Band Capital Plan - 2022-2023

Instrument replacements - \$5,000 per year

Currently in the operating budget, there is a line for instruments within the Music department of approximately \$24,000 a year. Those funds cover our main refresh cycle for instrument purchases on a multi year cycle but still reside within the operating budget as they are essential to the continued operation of the program. This funding request of \$5,000 in the five year capital plan is for individual instruments that need replacement outside of this cycle. Eventually, the entire instrument line *may* move into the capital budget request in subsequent years.

Uniforms - \$5,000 per year

The recent refresh using Town funds was much needed and we are greatly appreciative for them. The district will not need to buy a complete uniform refresh for some years. In the meantime a refreshment cycle within the 5 year capital budget, is the best method to begin to support uniform replacements for this program long term. The uniforms we currently have are about \$500 each.

Equipment - \$5,000 per year

The district used to have a line in the operating budget for equipment that varied year to year based on needs of the program that ranged from \$5,000-\$8,000. This line item slowly decreased with budget cuts over the last few years and is no longer in the budget at all. \$5,000 dedicated to equipment each year in the five year capital plan would begin to replace music stands, field equipment and other items that are beyond their usable life cycle.

Questions?

2022 New Milford Technology Budget Workshop

December 7, 2021

5-Year Capital 2022-2023 Workshop

Infrastructure Upgrades (slide 1 of 2)

Critical networking gear providing internet services, network connectivity, internet filtering to ensure COPPA compliance, cyber security threat prevention.

Cyber Insurance Requirement

- High Availability Firewalls with client end-points
 \$70K, E-rate grant estimated to fund \$35K.
- 600 staff Hard Tokens (UBKey) with maintenance subscription.
 Est. \$17K

Infrastructure Upgrades (slide 2 of 2)

Critical networking gear providing internet services, network connectivity, internet filtering to ensure COPPA compliance, cyber security threat prevention.

- Wireless controllers \$30K, E-rate grant reimbursement would cover \$15K.
- Network switches. \$37K, E-rate reimbursement ~\$18.5K. Each school has many switches providing hard-wired connections to operate wireless access points, phones, and teacher computer.
- Server modernization \$18K

Project Lead the Way (PLTW) Engineering Desktops

The PLTW curriculum utilizes powerful, industry-based software and requires the hardware to support this.

Approximate replacement cost for labs \$75K. SMS (qty 25) and NMHS (qty 45).

Mobile Devices

- Teacher / Staff laptop replacement, parts, repair: \$6K
- Student chromebooks: \$203,796

Challenges

- © Chromebooks have an end of life determined by Google Auto Update Policy. Once this end of life is met you can no longer manage devices preventing the district from being able to manage student device logins, wi-fi connections, and the ability to deploy mandated assessment applications.
- Current devices meet their Google AU expiration in 2024. (See slide
 Slide 6: Google Device Models)
- Out of warranty repairs both expensive and have long repair windows of 4-6 weeks. Spares are being shared across district and are dangerously low. (See slide 7)

Google Device Models

Google AUE					
Product	Auto Update Expiration date				
Dell Chromebook 11 3120	9/1/21				
Dell Chromebook 11 3180	6/1/22				
Acer Chromebook 11 C731	7/1/22				
HP Chromebook 11 G6 EE	6/1/24				
HP Chromebook 11 G7 EE	6/1/24				
HP Chromebook 11 G8	6/1/24				

Device Warranty

To bring devices into warranty: 1 Year policy @ \$21.95-\$23.95 each device \$95,800 annually through 2024

Recommendation:

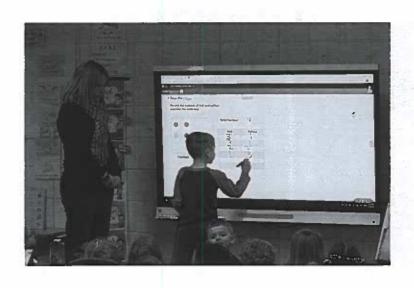
- 1) Begin a refresh plan with 4 year warranty starting in the 2022-23 school year.
- 2) Offer families an option to self-insure for coverage, at no charge to the district.
- 3) Continue mandatory case usage.

Tech Pack

Used for Kindergarteners and newly enrolled students.

- Tech Pack accessories: mouse, case, and headphones. \$39/ea.
- The case nor headphones can be reused if a student exits the school and returns the Tech Pack.
 - Mouse (~\$8)
 - Case (~\$23 from BumpArmor)
 - Headphones (~\$8 from Genesis Tech)

Classroom Display Refresh



Capital request is \$35K

- All classroom smartboards / projectors are beyond end of life causing poor visibility, lack of interactive touch, projectors that are overheating, and expensive bulb replacement needs.
- A phased in approach will be needed and should begin as quickly. The proposed plan will only allow for 15 boards to be replaced each year, which will take 5+ years to complete.

Infragram Point Infragram Infragram	rastructure Upgrades - Wireless Controllers, Access ints and Cabling rastructure Upgrades - (Cyber coverage need) ewall, support and endpoints rastructure Upgrades - Servers rastructure Upgrades - (Cyber coverage need) witches and Tokens (UBKey) and subscription acher Laptop Replacement	\$8,100 \$25,000 \$28,000 \$2,000	\$15,000	\$0 \$8,000 \$18,150	\$3,500 \$0 \$8,000	\$8,000	\$0	Wirel \$3,500 would E-Ra Year \$250 \$0 avail; \$8,000 2021	less controllers need to be refreshed in 2021-22. E-Rate eligible this does the NMPS cost after E-rate reimbursement ate eligible. This is the cost the district would be responsible to pay. 2-6 support will be in Operations. Did not renew in 2021-22 so 1000 was not used in 2021. The increase of cost here is due to high ability and endpoints required by Cyber Coverage. 1-22 was not used.		
Infragram Point Infragram Infragram	rastructure Upgrades - (Cyber coverage need) ewall, support and endpoints rastructure Upgrades - Servers rastructure Upgrades - (Cyber coverage need) vitches urd Tokens (UBKey) and subscription acher Laptop Replacement	\$25,000 \$28,000	\$35,082 \$16,000 \$18,150 \$17,000	\$0 \$8,000 \$18,150	\$0 \$8,000	\$0 \$8,000	\$0	\$3,500 would E-Ra Year \$250 \$0 avail: \$8,000 2021	d be the NMPS cost after E-rate reimbursement ate eligible. This is the cost the district would be responsible to pay. 2-6 support will be in Operations. Did not renew in 2021-22 so 300 was not used in 2021. The increase of cost here is due to high ability and endpoints required by Cyber Coverage.		
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Infr W Swi W Har W Tea W Clo W Tea W Nor W Adr W Stu Chr	rastructure Upgrades - (Cyber coverage need) vitches ard Tokens (UBKey) and subscription acher Laptop Replacement		\$18,150 \$17,000	\$18,150			\$8,000				
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W Clo W Tea W Noo W Adr W Stu Chi	acher Laptop Replacement	\$2,000		\$2,000			\$18,150		witch replacements for SMS		
W Clo W Tea W Nor W Adr W Stu Chr		\$2,000	\$0		\$2,000				al renewal costs will reside in operations starting 2023.		
W Tea W Nor W Adr W Stu Chi	oud based phone system			\$0	\$0	\$0	\$0	*	esh of out of warranty devices		
W Tea W Nor W Adr W Stu Chi	oud based phone system							sumr	uations should begin Spring 2022 with planned implementation mer of 2023. Purchase Order would need to be provided Spring		
DW Nor DW Adr DW Stu Chr	are under priorite dystori.			\$99,999			\$0	•	I to meet that timeline. The actual cost is unknown.		
DW Nor DW Adr DW Stu Chr									1-22 was not used. New staff and replacement of end of life and out		
W Adr W Stu Chr	acher/Staff/Admin Laptop Replacements	\$2,800	\$6,000		\$10,000	\$335,000			arranty devices.		
W Stu Chr	on Certified Staff Chromebooks	\$1,000	\$0		\$0	\$0			and refresh		
Chr	min Laptop Replacement	\$5,000	\$0			\$0	\$0	•	and refresh		
	udent Tech Paks (case, headphones, mouse)		\$9,828	\$9,828	\$9,828	\$9,828	\$315,251		82 For K and new enrollees. Qty = 252		
IDS wa	romebooks for Grade K (qty 113 @ \$333 with								I-22 was not used. request expected Spring of 2022 to be prepared		
iro wai	nranty, Chrome OS)	\$40,320	\$37,629	\$0	\$37,629	\$0	\$9,828	\$9,828 for M	lay 2022 swap outs.		
								2021	I-22 was not used. request expected Spring of 2022 to be prepared		
IES Chr	romebooks for Grade K (qty 129)	\$56,385	\$42,957	\$0	\$42,957	\$0	\$82,500	\$82,500 for M	flay 2022 swap outs.		
NIS Chr	romebooks for Grade 6 (270)	\$9,135	\$89,910	\$78,588	\$81,585	\$81,252	0	0 2021	-22 was not used		
IMHS Chr	romebooks for HS (100)	\$0	\$33,300	\$33,300	\$33,300	\$80,000	0	0 Grad	de 11 and 12 do not assess, utilize spares		
W Sm	nartboard Refresh (15)	\$34,500	\$82,500	\$82,500	\$82,500	\$82,500		2021	I-22 was not used. request expected February 2022.		
	oject Lead the Way Desktops (qty 46) PC's at end of and cannot meet hardware requirements to run										
IMHS pro	ograms .	\$50,000	\$50,000	\$0	\$0	\$0		Thes	se were not purchased in 2021-22		
Pro	oject Lead the Way Desktops (qty 25) PC's at end of	-76	100	1							
	and cannot meet hardware requirements to run										
	ograms	\$0	\$25,000	\$0	\$0	\$0					
			Y								

FY FY FY FY FY FY FY 2021-22 2022-23 2023-24 2024-25 2025-26 2026-27 2027-28

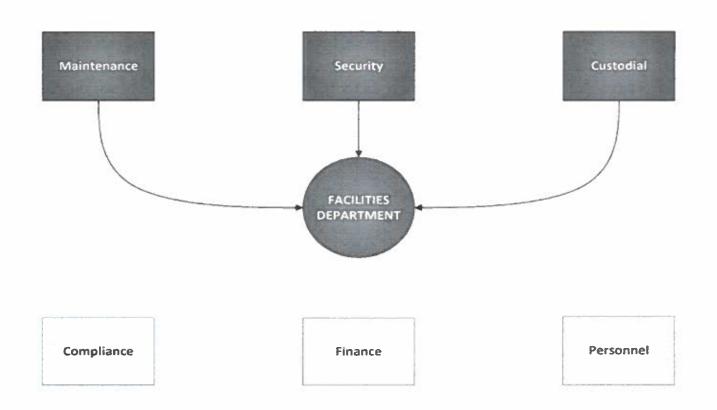
\$262,240 **\$478,356** \$338,865 \$329,449 \$620,230 \$439,229 \$275,160

Questions?

New Milford Public Schools Maintenance December 7, 2021

5 Year Capital Plan 2022-2023 Workshop

NEW MILFORD PUBLIC SCHOOLS FACILITIES DEPARTMENT



New Milford Schools Custodial Coverage

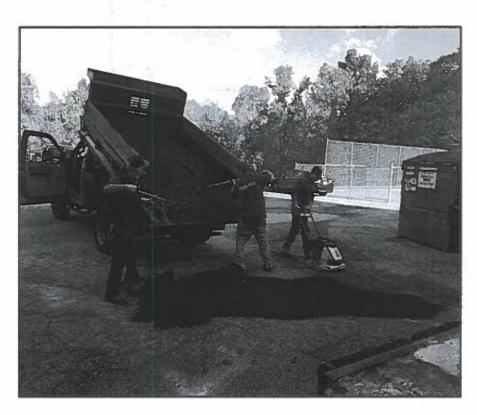
School	Sq footage	Custodians	Average
NMHS	266,908	9.5	28,095
SMS	153,713	7	21,959
SNIS	181,172	7	25,881
HPS	70,343	4	17,585
NES	79,524	4	19,881
Totals	751,660	31.5	113,401

NMPS Average 22,680 square feet per custodian

^{*}National Center for Education Statistics - Level 2 cleaning 18-20,000. Level 3 cleaning 28-31,000 sq. ft. per 8 hour shift

^{**} Dimensions per New Milford Assessors Field Cards

New Milford Schools Groundskeeping & Maintenance



- School properties are over 200 acres.
- Approximately 25 acres of sidewalks and parking lots combined.
- Groundskeeping crew is 5.5 FTE.
- Maintenance crew is 7 FTE.

Currently have (8) F350 pickups for plowing. The average age is over 10 years. One is out of service.

Completed & Current Capital Projects

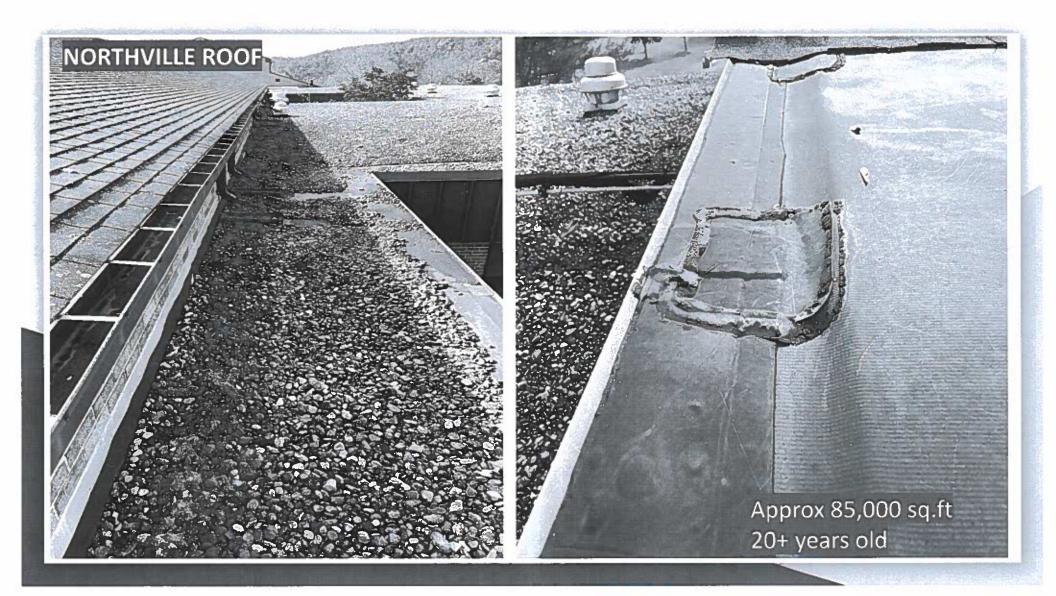


- NMHS LED entrance sign.
- SNIS cafeteria RTU replacement.
- SNIS Oil tank removal.
- NMHS roof replacement.
- Tennis court refinishing.
- NMHS scoreboard repairs.

ESG/NV5 Major Projects

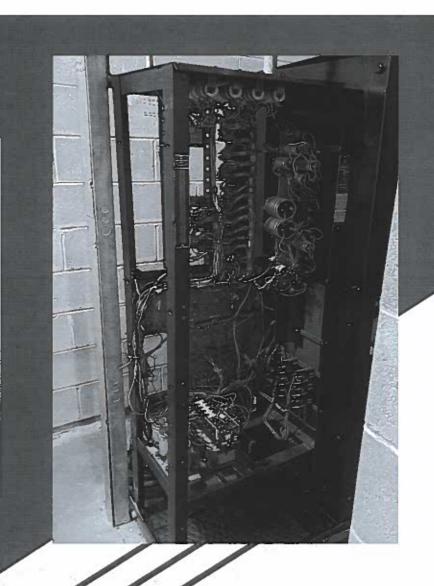
- 8 new RTU's at Sarah Noble
- New air cooled chiller at Sarah Noble
- Boiler replacement at Sarah Noble
- New cooling tower at High School
- Cogeneration system at High School
- Boiler replacement at High School
- New air cooled chiller at Schaghticoke
- Solar panel installation at Sarah Noble and Hill and Plain

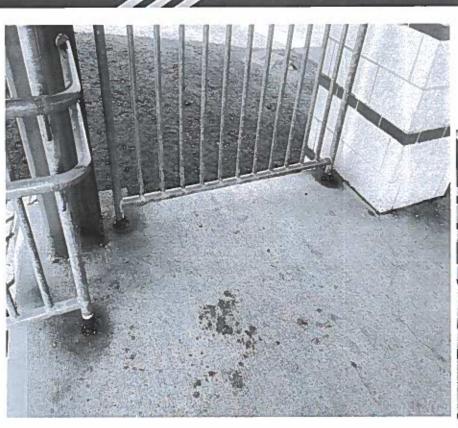
Estimated value of major improvements \$7,500,000



Schaghticoke Middle School Elevator Installed 1972.

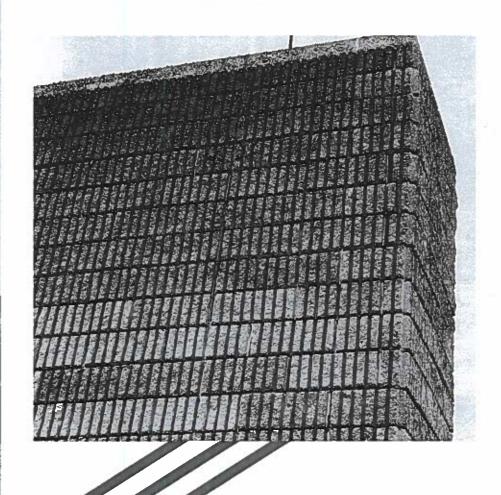
Modernization package with PVC lined hydraulic cylinder \$180,000. Environmental and drilling contingencies \$25,000. A&E services \$20,000.



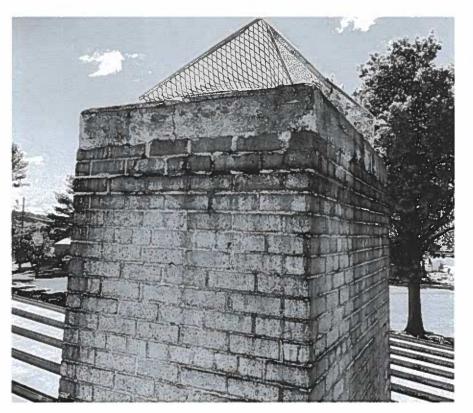






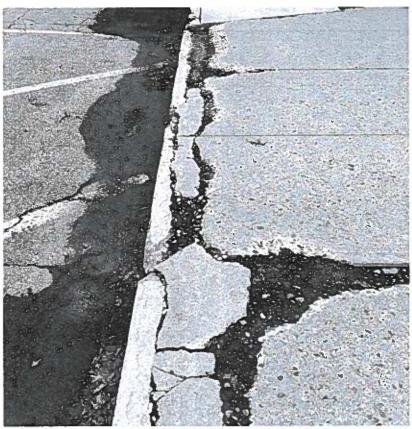


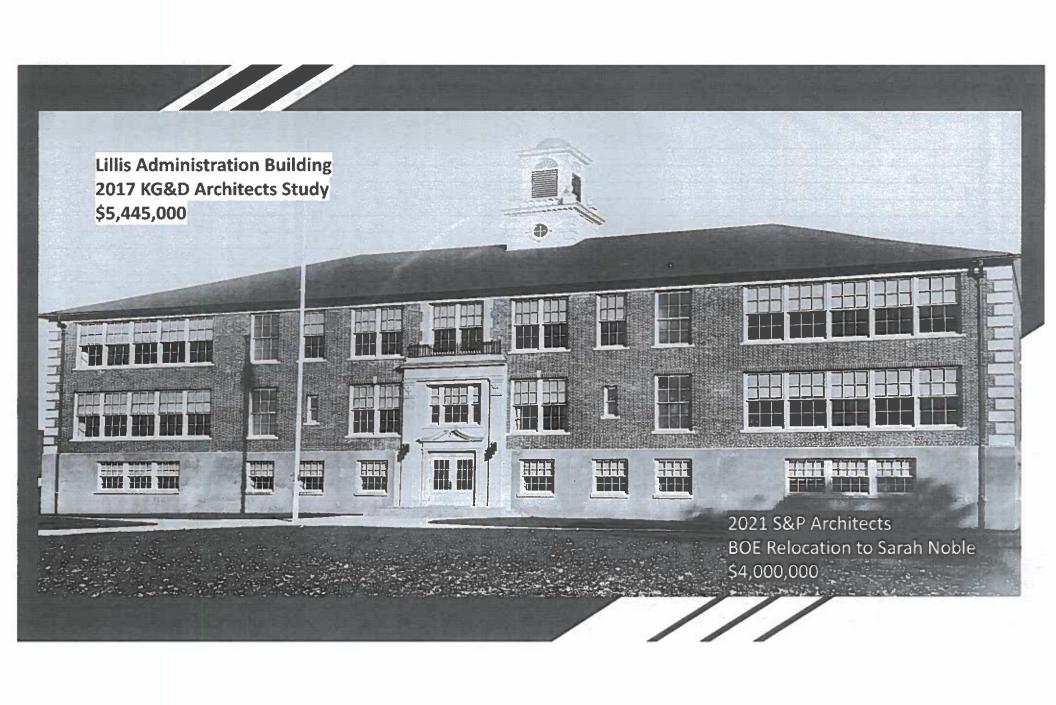
Chimneys at SMS, HPS



Sidewalks & Pavement Districtwide



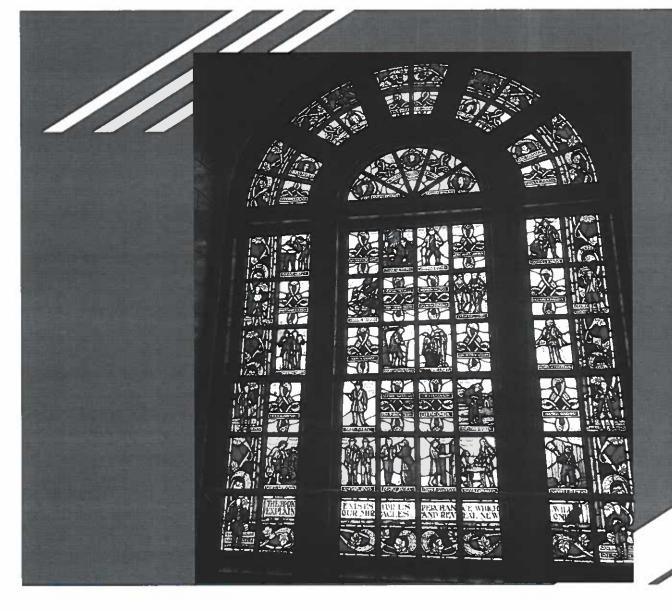




Landing	Description	2022/22	2012/24	2024:25	2025/26	2026'27	TOTAL
Location DW	Description SECURITY ENHANCEMENTS - ACCESS CONTROLS	2022/23	2023/24 \$125,000	2024/23	ZUZDEO	2020 21	\$125,000
DW	VEHICLE REPLACEMENT (2022 Ford 350 with accessories)	388 000	\$125,000			<u> </u>	\$88 000
DW	CUSTODIAL EQUIPMENT (1 Floor Scrubber)	V00 000	\$17.750	\$17,750	\$18,000	\$19,000	\$72,500
DW	RECURRING DOOR REPLACEMENTS		E13 500	CHIESO	\$14,200	Ç13,000	\$27,700
	ASSESTOS ABATEMENT		\$15,000	\$15,000	\$16,000	\$17,000	\$63,000
DW	GROUNDS EQUIPMENT REPLACEMENTS		£53 000	\$22,000	\$10,000	\$17,000	£75,000
DYY	PLAYGROUND COMPLIANCE (MULCH & REPAIRS)	\$15,000	223 000	TBD			\$15,000
DW	MANDATORY 5 YEAR SPRINKLER TESTS	313,000	TED	100			\$13,000
DW		520,000	150	\$20,000		\$20,000	\$60,000
DW	CARPET REPLACEMENT	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
DW	PAINTING PROJECTS	\$10,000	TED	C 10.000	\$10,000	Ç10,000	530,000
DW	DOOR LOCKS		\$30,000	\$30,000			\$60,000
DW	CAMERAS approx 10	TED	230,000	230,000			S0
DW	SEPTIC TANK ASSESSMENTS	150	\$55,000	\$55,000	\$55,000	\$55,000	\$220,000
DW	HVAC REPLACEMENT		\$10,000	333,000	233,000	332,000	510,000
NMHS	TURF FIELD MAINTENANCE	\$8.500	\$10,000	_			\$8,500
NMHS	MASONRY REPAIRS CHIMNEY	\$8,500		\$55,000			\$55,000
NMHS	FLOORING REPLACEMENT	TCD	<u> </u>	\$30,000		-	\$50
NMHS	GYM CEILINGS	TED	540,000	\$30,000	1		570,000
NMHS	GYM FLOORS REFINISHING	5220.020	540,000	530,000			\$330,000
NES	WALL PANEL REPLACEMENT	5330.000		<u> </u>			53 480 000
NES	ROOF REPLACEMENT	\$3 480 000	636,000				\$25,000
NES	CIRC PUMPS AND MANIFOLD		\$25,000	200.000	<u></u>		\$88,000
NES	CONDENSING UNIT REPLACEMENT R-22 4 units		<u></u>	\$88,000			300,000
					//		

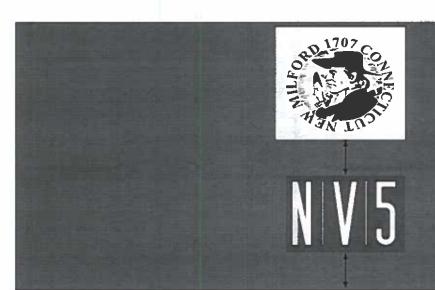
	22/23	23/24	24/25	25/26	26/27	
MASONRY REPAIRS CHIMNEY	\$10,000					\$10,000
CONDENSING UNIT REPLACEMENT R-22 5 entire units			\$231,000			\$231,000
AHU REPLACEMENT/ UPGRADE CAFE		·	\$121,000			\$121,000
ROOF REPLACEMENT			TBD			
OIL TANK REPLACEMENT		\$225,000				\$225,000
CAMERAS approx 12	\$36,000	· ·				\$36 000
CONDENSING UNIT REPLACEMENT R-22 8 units			<u> </u>	\$165,000		\$165,000
AHURTU REPLACEMENT COMP LAB		\$55,000				\$55,000
ELEVATOR REPLACEMENT	\$225,000		·			\$225,000
HIGH EFFICENCY BOILER REPLACEMENT					\$858,000	\$858,000
MOTORS & VFD'S RTU supply 12 units				\$132,000		\$132,000
MASONRY REPAIRS CHIMNEY	\$14,000					\$14,000
RAILING REPAIRS	\$12,000					\$12.000
CUPOLA ROOF REPAIRS		\$68,000				\$68,000
STEAM BOILER REPLACEMENT		\$108,000				\$108,000
FOUNDATION REPAIR		\$46,000				\$46,000
* ROOF REPLACEMENT (not including potential abatment)	4.	* 15 · M	\$367,000			\$367,000
DEPARTMENT TOTAL - FACILITIES	\$4,248,500	\$896,250	\$1,061,750	\$410,200	\$979,000	\$7,595,700
		•		-		
<u> </u>						
REPLACEMENT OF SIDEWALKS		\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
ASPHALT REPLACEMENT (NES FIRST)		\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000
PAVING & STORM DRAIN REPAIRS		\$30,500	\$16,000	\$17,000	\$18,000	\$81 500
			TBD		+	92
	CONDENSING UNIT REPLACEMENT R-22 5 entire units AHU REPLACEMENT/ UPGRADE CAFE ROOF REPLACEMENT OIL TANK REPLACEMENT CAMERAS approx 12 CONDENSING UNIT REPLACEMENT R-22 8 units AHURTU REPLACEMENT COMP LAB ELEVATOR REPLACEMENT HIGH EFFICENCY BOILER REPLACEMENT MOTORS & VFD'S RTU supply 12 units MASONRY REPAIRS CHIMNEY RAILING REPAIRS CUPOLA ROOF REPLACEMENT FOUNDATION REPAIR * ROOF REPLACEMENT (not including potential abatment) DEPARTMENT TOTAL - FACILITIES REPLACEMENT OF SIDEWALKS ASPHALT REPLACEMENT (NES FIRST)	MASONRY REPAIRS CHIMNEY S10 000 CONDENSING UNIT REPLACEMENT R-22 5 entire units AHU REPLACEMENT/ UPGRADE CAFE ROOF REPLACEMENT OIL TANK REPLACEMENT CAMERAS approx 12 CONDENSING UNIT REPLACEMENT R-22 8 units AHURTU REPLACEMENT COMP LAB ELEVATOR REPLACEMENT MOTORS & VFD'S RTU supply 12 units MASONRY REPAIRS CHIMNEY S14 000 RAILING REPAIRS STEAM BOILER REPLACEMENT FOUNDATION REPLACEMENT ROOF REPLACEMENT ROOF REPLACEMENT ROOF REPLACEMENT ROOF REPLACEMENT ROOF REPLACEMENT REPLACEMENT (not including potential abatment) CEPARTMENT TOTAL - FACILITIES REPLACEMENT (NES FIRST)	22/23 23/24	22/73 23/24 24/25	22/23 23/24 24/25 25/26	MASONRY REPARS CHIMNEY

\$1,481,500,00



QUESTIONS?

Project Structure



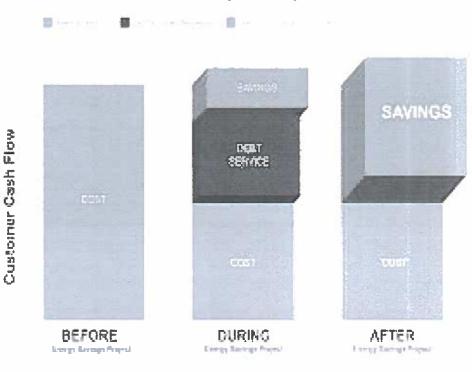






ENERGY PERFORMANCE CONTRACTING

Performance Contracting: A Budget-Neutral Solution



- Project funds itself over time
- Upgrades to buildings energy & infrastructure
- All projects completed within 12-18 months
- Energy Guarantee
- Oversight by NV5

New Milford Public Schools Energy





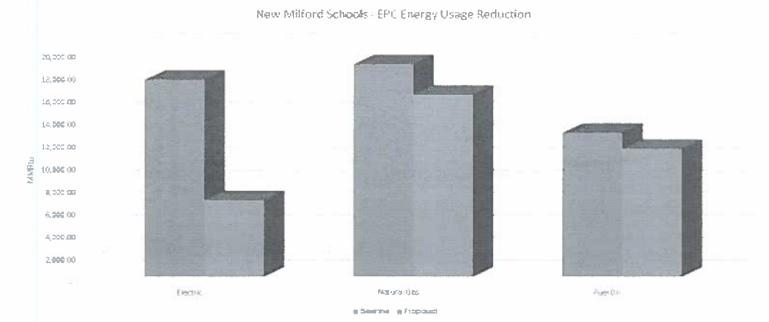
The Project Energy Baseline

	Baseline Dal	ta		Electric		Nat	ural Gas	Fi	uel Oil	Propane Water		<i>l</i> ater	Total Utility	
Facility Name	Population	Square Feet	Peak Monthly kW	Annual kWh	Total \$	Therms	Total \$	Annual Gallons	Total \$	Annual Gallons	Total \$	Annual kGal	Total Cost	Cost
Schools	4,601	741,076	1,734	5,101,343	s 859,433	187,846	s 179,596	91,040	\$ 175,804			5,081	\$ 28,757	\$ 1,243,590
Town	110	235,944	638	2,423,220	s 360,899	93,771	s 132,571	22,375	\$ 44,319	8,836	\$ 12,258			\$ 550,048
Total	4,711	977,020	2,372	7,524,563	\$1,220,332	281,617	\$ 312,167	113,415	\$ 220,123	8,836	\$ 12,258	5,081	\$ 28,757	\$1,793,637

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Energy Cost Reduction

Energy Use Reduction – Schools



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How will ESG report to NMPS on Energy Actuals

- ✓ Energy Data to be sent to ESG monthly via the Town
- ✓ Changes to buildings operations to be sent to ESG as they happen
- ✔ Data will also be updated via Portfolio Manager
- ✓ Energy will be presented formerly in an annual report, interim data updates will be given quarterly

Schools Energy & Infrastructure Measures

Boiler Replacement - All Condensing Boiler Option (w/ HW Reset) Boiler System Optimization Cogeneration TC.1.2 X Cogeneration TC.10.1 X Solar PV TC.11.1 Transformer Replacement Water Conservation TC.13.1 X Demand Response TC.14 X Plug Load Controls TC.19.1 X Air Cooled Chiller Replacement TC.2.1 Condenser Water System Optimization Install DDC System; Town Install DDC System; Schools TC.3.2 X DDC System Expansion, Integration & ReCx DCV Control TC.3.4 Web Enabled Program mable Thermostats Cooling Tower Replacement (w/ CW Reset) AHU/RTU Replacement TC.4.4 Lower Pressure Drop AHU Filters (MERV 13) TC.4.8 X	X X X	X X X X	X	X
Cogeneration TC.10.1 X Solar PV TC.11.1 Transformer Replacement TC.12.1 X Water Conservation TC.13.1 X Demand Response TC.14 X Plug Load Controls TC.19.1 X Air Cooled Chiller Replacement TC.2.1 Condenser Water System Optimization TC.2.3 X Install DDC System; Town TC.3.1 Install DDC System; Schools TC.3.2 X DDC System Expansion, Integration & ReCx TC.3.3 X DCV Control TC.3.4 Web Enabled Programmable Thermostats TC.3.6 Cooling Tower Replacement (w/ CW Reset) TC.4.1 X AHU/RTU Replacement TC.4.4	X	X X X	X	X
Solar PV TC.11.1 Transformer Replacement TC.12.1 X Water Conservation TC.13.1 X Demand Response TC.14 X Plug Load Controls TC.19.1 X Air Cooled Chiller Replacement TC.2.1 Condenser Water System Optimization TC.2.3 X Install DDC System; Town TC.3.1 install DDC System; Schools TC.3.2 X DDC System Expansion, Integration & Re Cx TC.3.3 X DCV Control TC.3.4 Web Enabled Programmable Thermostats TC.3.6 Cooling Tower Replacement (w/ CW Reset) TC.4.1 X AHU/RTU Replacement TC.4.4	X	X	X	X
Transformer Replacement TC.12.1 X Water Conservation TC.13.1 X Demand Response TC.14 X Plug Load Controls TC.19.1 X Air Cooled Chiller Replacement TC.2.1 Condenser Water System Optimization TC.2.3 X Install DDC System; Town TC.3.1 install DDC System; Schools TC.3.2 X DDC System Expansion, Integration & ReCx TC.3.3 X DCV Control TC.3.4 Web Enabled Programmable Thermostats TC.3.6 Cooling Tower Replacement (w/ CW Reset) TC.4.1 X AHU/RTU Replacement TC.4.4	X	X	X	X
Water Conservation TC.13.1 X Demand Response TC.14 X Plug Load Controls TC.19.1 X Air Cooled Chiller Replacement TC.2.1 Condenser Water System Optimization TC.2.3 X Install DDC System; Town TC.3.1 Install DDC System; Schools TC.3.2 X DDC System Expansion, Integration & Re Cx TC.3.3 X DCV Control TC.3.4 Web Enabled Programmable Thermostats TC.3.6 Cooling Tower Replacement (w/ CW Reset) TC.4.1 X AHU/RTU Replacement TC.4.4	X	X	X	
Demand Response TC.14 X Piug Load Controls TC.19.1 X Air Cooled Chiller Replacement TC.2.1 Condenser Water System Optimization TC.2.3 X Install DDC System; Town TC.3.1 install DDC System; Schools TC.3.2 X DDC System Expansion, Integration & Re Cx TC.3.3 X DCV Control TC.3.4 Web Enabled Programmable Thermostats TC.3.6 Cooling Tower Replacement (w/ CW Reset) TC.4.1 X AHU/RTU Replacement TC.4.4	X	X		
Plug Load Controls TC.19.1 X Air Cooled Chiller Replacement TC.2.1 Condenser Water System Optimization TC.2.3 X Install DDC System; Town TC.3.1 Install DDC System; Schools TC.3.2 X DDC System Expansion, Integration & Re Cx TC.3.3 X DCV Control TC.3.4 Web Enabled Programmable Thermostats TC.3.6 Cooling Tower Replacement (w/ CW Reset) TC.4.1 X AHU/RTU Replacement TC.4.4	X		X	X
Air Cooled Chiller Replacement TC.2.1 Condenser Water System Optimization TC.2.3 X Install DDC System; Town TC.3.1 Install DDC System; Schools TC.3.2 X DDC System Expansion, Integration & ReCx TC.3.3 X DCV Control TC.3.4 Web Enabled Programmable Thermostats TC.3.6 Cooling Tower Replacement (w/ CW Reset) TC.4.1 X AHU/RTU Replacement TC.4.4			X	X
Condenser Water System Optimization TC.2.3 X Install DDC System; Town TC.3.1 Install DDC System; Schools TC.3.2 X DDC System Expansion, Integration & ReCx TC.3.3 X DCV Control TC.3.4 Web Enabled Programmable Thermostats TC.3.6 Cooling Tower Replacement (w/ CW Reset) TC.4.1 X AHU/RTU Replacement TC.4.4	2.6			
Install DDC System; Town TC.3.1 Install DDC System; Schools TC.3.2 X DDC System Expansion, Integration & ReCx TC.3.3 X DCV Control TC.3.4 Web Enabled Programmable Thermostats TC.3.6 Cooling Tower Replacement (w/ CW Reset) TC.4.1 X AHU/RTU Replacement TC.4.4	X	X		
install DDC System; Schools TC.3.2 X DDC System Expansion, Integration & ReCx TC.3.3 X DCV Control TC.3.4 Web Enabled Program mable Thermostats TC.3.6 Cooling Tower Replacement (w/ CW Reset) TC.4.1 X AHU/RTU Replacement TC.4.4				
DDC System Expansion, Integration & Re Cx TC.3.3 X DCV Control TC.3.4 Web Enabled Programmable Thermostats TC.3.6 Cooling Tower Replacement (w/ CW Reset) TC.4.1 X AHU/RTU Replacement TC.4.4				
DCV Control TC.3.4 Web Enabled Programmable Thermostats TC.3.6 Cooling Tower Replacement (w/ CW Reset) TC.4.1 X AHU/RTU Replacement TC.4.4	X	X		
Web Enabled Programmable Thermostats TC.3.6 Cooling Tower Replacement (w/ CW Reset) TC.4.1 X AHU/RTU Replacement TC.4.4	X	X	1	<u> </u>
Cooling Tower Replacement (w/ CW Reset) TC.4.1 X AHU/RTU Replacement TC.4.4	X	X		
AHU/RTU Replacement TC.4.4				
	9		1	
LOWER PRESSURE LIFOD AND PILITERS I MILKY 1511 I L.A.S. A.S.		X		
	X		X	X
LED Lighting - Interior and Controls; Basic TC.5.1a LED Lighting - Interior and Controls; Enhanced TC.5.1b X		X		Α
LED Lighting - Interior and Controls; Ennanced 1C.5.10 A LED Lighting - Exterior TC.5.2 X	^			X
Building Envelope - Weatherization, Insulation TC.6.1 X				^
Pipe, Valve & Fitting insulation TC.7.1 X	X	X	X	X

Projected Costs & Savings by Building





New Milford Cost Breakdown

<u>Year</u>	Loan Payment	ESG M&V Costs	NV5 M&V Costs	Service Costs	Total Costs	<u>Total Costs - Town</u>	Total Costs - WPCA	<u>Total Costs - Schools</u>
1	\$816,502	\$49,115	\$12,355	\$32,144	\$910,116	\$111,267	\$92,371	\$706,478
2	\$724,542	\$49,852	\$12,787	\$33,109	\$820,289	\$100,285	\$83,254	\$636,750
3	\$728,855	\$50,599	\$13,235	\$34,102	\$826,791	\$101,080	\$83,914	\$641,797
4	\$828,673			\$35,125	\$863,798	\$105,605	\$87,670	\$670,523
5	\$812,979			\$36,179	\$849,158	\$103,815	\$86,184	\$659,159
6	\$838,226			\$37,264	\$875,490	\$107,034	\$88,857	\$679,599
7	\$864,369			\$38,382	\$902,751	\$110,367	\$91,623	\$700,760
8	\$891,439			\$39,533	\$930,972	\$113,817	\$94,488	\$722,667
9	\$919,468			\$40,719	\$960,187	\$117,389	\$97,453	\$745,346
10	\$948,490			\$41,941	\$990,431	\$121,086	\$100,522	\$768,822
11	\$978,540			\$43,199	\$1,021,739	\$124,914	\$103,700	\$793,125
12	\$1,009,652			\$44,495	\$1,054,147	\$128,876	\$106,989	\$818,282
13	\$1,041,864			\$45,830	\$1,087,694	\$132,977	\$110,394	\$844,323
14	\$1,075,214			\$47,205	\$1,122,419	\$137,223	\$113,918	\$871,278
15	\$1,109,742			\$48,621	\$1,158,363	\$141,617	\$117,566	\$899,180
16	\$1,093,277			\$50,080	\$1,143,357	\$139,782	\$116,043	\$887,531
17	\$1,130,650			\$51,582	\$1,182,232	\$144,535	\$119,989	\$917,708
18	\$1,169,325			\$53,130	\$1,222,455	\$149,453	\$124,071	\$948,931
19	\$1,209,348			\$54,723	\$1,264,072	\$154,541	\$128,295	\$981,236
20	\$605,468			\$56,365	\$661,833	\$80,913	\$67,172	\$513,748
TOTAL	\$18,796,622	\$149,566	\$38,378	\$863,728	\$19,848,293	\$2,426,577	\$2,014,475	\$15,407,242

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New Milford Savings Breakdown

<u>Year</u>	Guaranteed Annual Energy Savings	O & M Savings	ZREC Revenue	Class III REC Revenue	DR Revenue - Curtailment	Total	Total Savings - Town	Total Savings - WPCA	Total Savings - Schools
1	\$723,367	\$56,744	\$58,014	\$20,000	\$51,992	\$910,116	\$115,289	\$76,728	\$718,098
2	\$639,374	\$58,446	\$57,608	\$20,000	\$44,861	\$820,289	\$97,769	\$73,365	\$649,155
3	\$661,752	\$60,199	\$57,204	\$20,000	\$27,635	\$826,791	\$100,524	\$74,871	\$651,396
4	\$684,914	\$62,005	\$56,804	\$20,000	\$40,075	\$863,798	\$103,380	\$76,436	\$683,982
5	\$708,886	\$63,866	\$56,406	\$20,000	\$0	\$849,158	\$106,338	\$78,064	\$664,756
6	\$733,697	\$65,782	\$56,011	\$20,000	\$0	\$875,490	\$109,404	\$79,755	\$686,331
7	\$759,376	\$67,755	\$55,619	\$20,000	\$0	\$902,751	\$112,581	\$81,513	\$708,657
8	\$785,954	\$69,788	\$55,230	\$20,000	\$0	\$930,972	\$115,872	\$83,339	\$731,761
9	\$813,463	\$71,881	\$54,843	\$20,000	\$0	\$960,187	5119,281	\$85,237	\$755,670
10	\$841,934	\$74,038	\$54,460	\$20,000	\$0	\$990,431	\$122,813	\$87,207	\$780,411
11	\$871,402	\$76,259	\$54,078	\$20,000	\$0	\$1,021,739	\$126,471	\$89,254	\$806,014
12	\$901,901	\$78,547	\$53,700	\$20,000	\$0	\$1,054,147	\$130,261	\$91,378	\$832,507
13	\$933,467	\$80,903	\$53,324	\$20,000	\$0	\$1,087,694	\$134,187	\$93,584	\$859,923
14	\$966,139	\$83,330	\$52,951	\$20,000	\$0	\$1,122,419	\$138,252	\$95,874	\$888,292
15	\$999,953	\$85,830	\$52,580	\$20,000	\$0	\$1,158,363	\$142,463	\$98,251	\$917,649
16	\$1,034,952	\$88,405	\$0	\$20,000	\$0	\$1,143,357	\$133,090	\$77,899	\$932,367
17	\$1,071,175	\$91,057	\$0	\$20,000	\$0	\$1,182,232	\$137,703	\$80,619	\$963,910
18	\$1,108,666	\$93,789	\$0	\$20,000	\$0	51,222,455	\$142,476	\$83,433	\$996,547
19	\$1,147,469	\$96,602	\$0	\$20,000	\$0	\$1,264,072	\$147,414	\$86,345	\$1,030,313
20	\$1,187,631	\$99,500	\$0	\$20,000	\$0	\$1,307,131	\$152,524	\$89,359	\$1,065,249
AGGREGATE	\$17,575,471	\$1,524,725	\$828,832	\$400,000	\$164,563	\$20,493,592	\$2,488,093	\$1,682,511	\$16,322,988

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^{*} Any vendor energy incentives are included in the cash flow

Market Volatility of Energy Commodities

- While ESG has built into their projected cost savings, escalators for increased prices of energy commodities, those escalators are smoothed out of the course of the lifetime of the project.
- It is still the responsibility of NMPS to budget locally for any year to year projected increases in energy costs by type on a local level.
- For many of these energy commodities, NMPS and the Town of New Milford use their joint purchasing power to lock in rates.
- Even with this combined effort, many energy costs are expected to impact the local 2022/2023 budget request for these line items.
- While still early in the budget development cycle for the Board of Educations 2022/2023 budget, we may be faced with price increases in the following commodities that are directly tied to these projects:

Electric – 3.5%

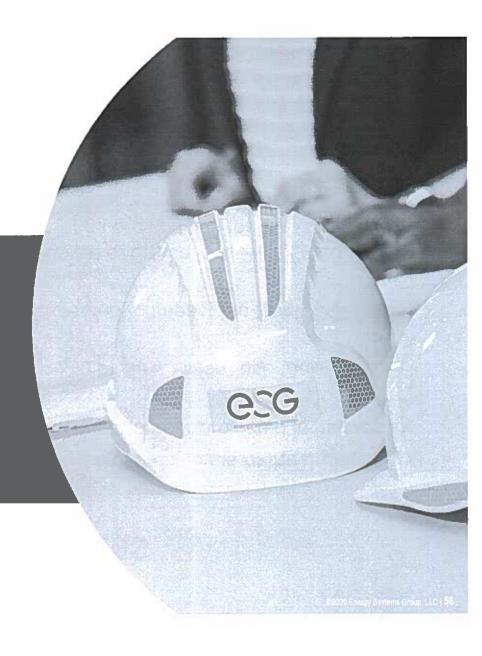
Heating Oil – 18%

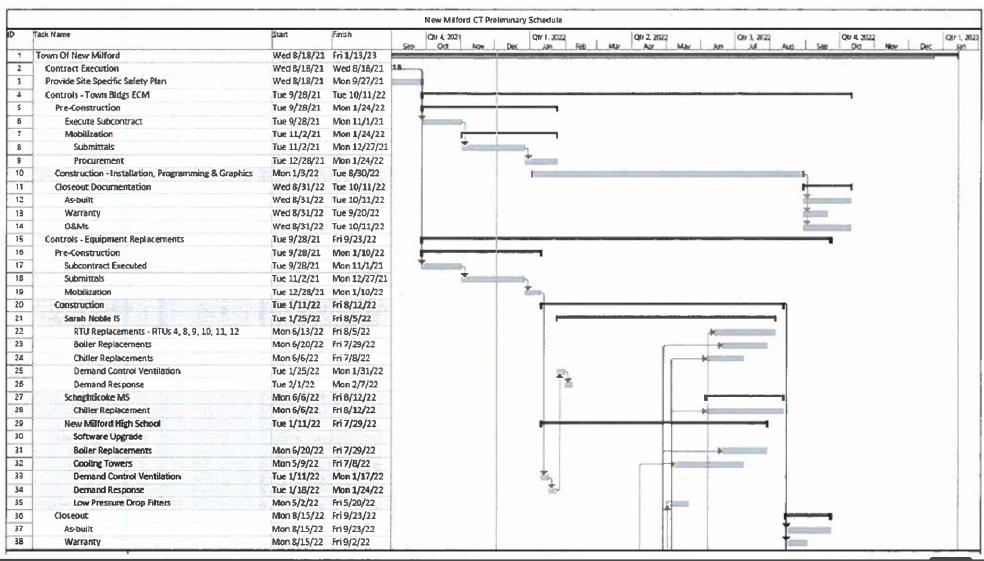
Natural Gas – 27%

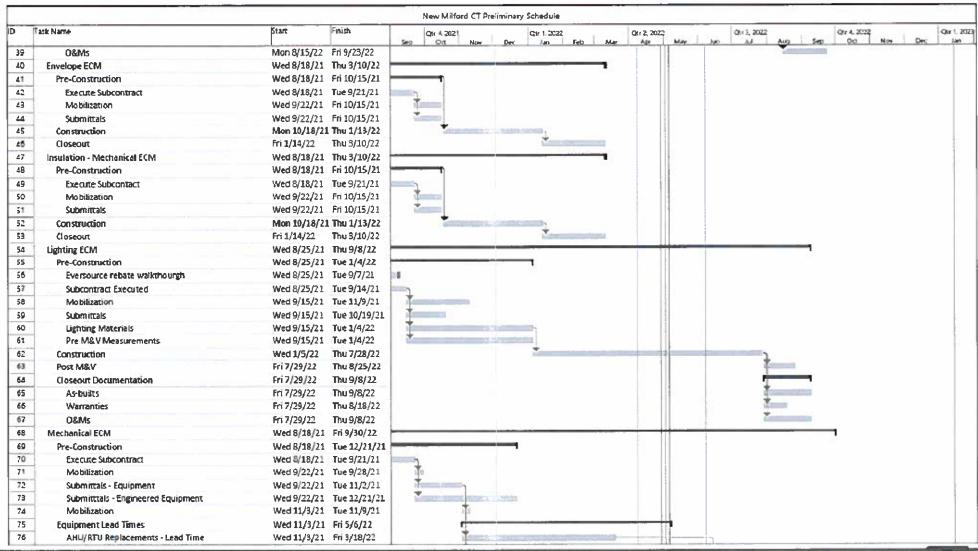
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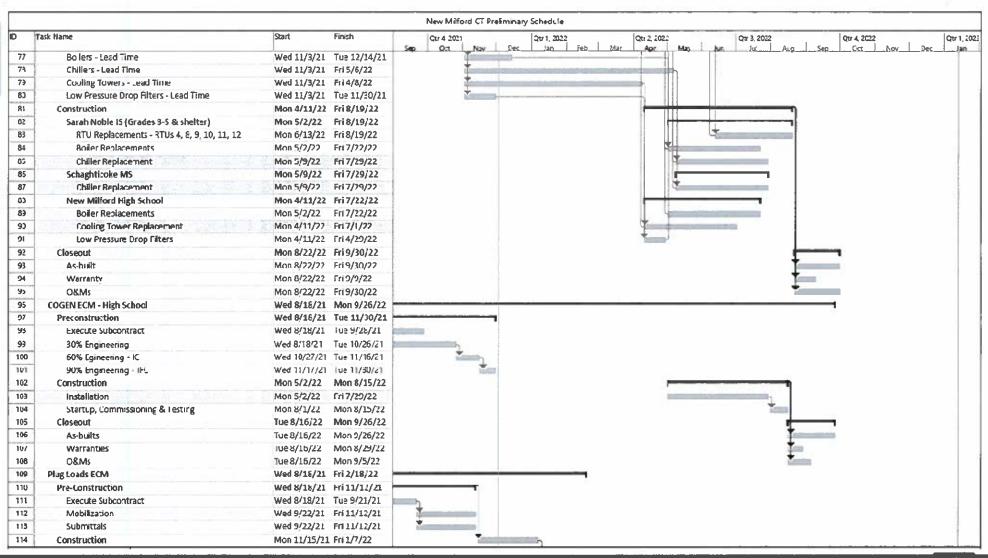


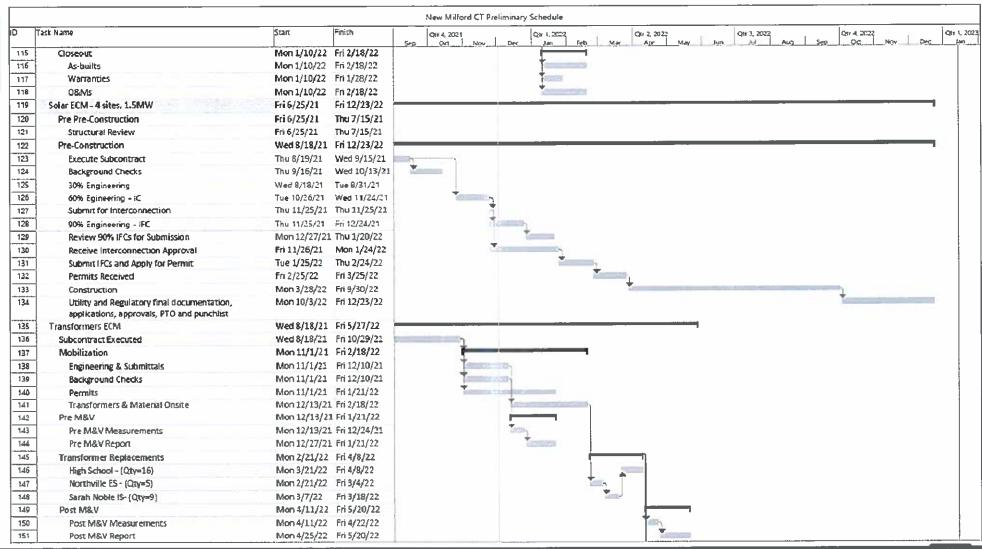


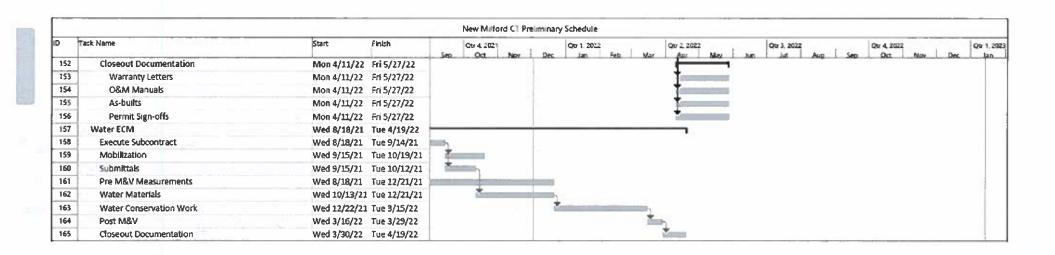












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Opportunity for Questions



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