

Board of Education Regular Meeting 2024

Thursday, February 1, 2024 7:00 PM

New Fairfield Community Room, 33 Route 37, New Fairfield, CT., 33 Route 37,
New Fairfield, Connecticut 06812

I. CALL TO ORDER

II. PLEDGE OF ALLEGIANCE

III. APPROVAL OF THE MINUTES

III.A. January 18, 2024 - Regular

III.B. January 23, 2024 - Special

IV. APPROVAL OF THE AGENDA

V. **PUBLIC PARTICIPATION** - *The Board welcomes public participation. Pursuant to our Board Policy, public participation is limited to no more than three (3) minutes per speaker and a total of no more than thirty (30) minutes total for the entire meeting. Individuals who wish to speak longer are encouraged to attend any and all related subcommittee meetings where most of the board's groundwork is done. We value your input, but due to these time limitations, we ask you to be concise and to observe the rules of common courtesy. [9320(a) of Board Bylaws]*

VI. ACTION ITEM

VI.A. Discussion and Possible Action on FY 2024-25
Operating Budget, Capital Budget, and Debt Service

VII. BOARD AND ADMINISTRATIVE COMMUNICATIONS

VII.A. Chairman's Report

VII.B. Superintendent's Report

VII.B.1. Attendance Update

VII.C. Student Representatives' Report

VII.D. Committee Reports

VII.D.1. Curriculum (*Tim Blair*)

VII.D.2. Policy

VII.D.3. Special Education Ad Hoc

VII.E. Liaison Reports - none

VIII. INFORMATION/ACTION ITEM

VIII.A. Solar Project

IX. ACTION ITEMS

IX.A. Personnel Report

IX.B. Acceptance of Donation

IX.B.1. Rebels Booster Club

X. **PUBLIC PARTICIPATION** - *The Board welcomes public participation. Pursuant to our Board Policy, public participation is limited to no more than three (3) minutes per speaker and a total of no more than thirty (30) minutes total for the entire meeting. Individuals who wish to speak longer are encouraged to attend any and all related subcommittee meetings where most of the board's groundwork is done. We value your input, but due to these time limitations, we ask you to be concise and to observe the rules of common courtesy. [9320(a) of Board Bylaws]*

XI. FUTURE AGENDA ITEMS

XII. BOARD MEMBER COMMENTS

XIII. ADJOURNMENT

**NEW FAIRFIELD BOARD OF EDUCATION
NEW FAIRFIELD, CT**

The New Fairfield Board of Education held a regular meeting on Thursday, January 18, 2024, at 7:00 pm in the New Fairfield Community Room, 33 Route 37, New Fairfield, CT.

MINUTES – January 18, 2024

PRESENT: Dominic Cipollone (Chairman), Kathy Baker, Tim Blair, Greg Flanagan (arrived 7:15 p.m.), Amy Johnson, Sue Huwer, Kimberly LaTourette, Samantha Mannion (via phone) and Ed Sbordone

ABSENT: None

ALSO PRESENT: Superintendent of Schools Dr. Kenneth Craw, Director of Business and Operations Carrie DePuy, Pupil Personnel Director Maria Kennedy, Secondary Special Education Supervisor Monika Krepsztul, Elementary Special Education Supervisor Alex Lambert, High School Principal James D’Amico, High School Assistant Principal Michael Chapleau, High School Assistant Principal Scott Rohwedder, New Fairfield Middle School Principal Karen Gruetzner, New Fairfield Middle School Assistant Principal Cheryl Milo, Elementary School Principal Allyson Story, Elementary Assistant Principal Jennifer Hilderbrand, Elementary School Assistant Principal Rob Spino, Director of Buildings and Grounds Phil Ross, Director of Technology Paul Gouveia, Selectman Pat Del Monaco, Selectman Tom Perkins, BOF Chairman Doug Jendras, BOF member Thora Perkins, BOF member Claudia Willard and Architect Scott Pellman from Colliers Project Leaders

I. CALL TO ORDER: Chairman Dominic Cipollone called the meeting to order at 7:01p.m.

II. PLEDGE OF ALLEGIANCE

III. APPROVAL OF MINUTES

A. January 4, 2024 - Regular meeting - approved by consensus

IV. APPROVAL OF AGENDA- approved by consensus

**V. PRESENTATION OF SUPERINTENDENT’S FISCAL YEAR 2024-2025
RECOMMENDED BUDGET**

Superintendent of Schools Dr. Kenneth Craw spoke of the upcoming budget for 2024-2025. He noted that the district is dedicated to continuous improvement and thanked the administration and staff for all their hard work with the budget.

Main points of the presentation included:

- Compelling Direction,
- Return on Investment including the two new schools,
- Enrollment and Class Size,
- Staffing Plan,
- Budget efficiencies.

The budget is broken down into the following categories:

- Payroll and Benefits - 76.8%
- Special Education - 9.7%
- Transportation - 3.6%
- Utilities - 2.0%
- Buildings and Grounds - 1.6%
- Other non-payroll - 6.3%

Budget considerations that are unique this year include the expiration of ARPA and ESSER funds, reduction of the Entitlement Grants and Teacher Turnover saving reduced.

The Superintendent's recommended operating budget for 2024-2025 is \$48,833,259 which is a percent increase of 5.25% (\$2,435,220) over the 2023-2024 voter approved budget of \$46,398,038. The proposed Capital budget equals \$794,577 and includes improvements to the replacement of the student transportation van, replacement of the stadium turf and track and upgrades to the Middle School.

Budget workshops will be held on Tuesday, January 23rd, Wednesday, January 24th and Tuesday, January 30th. The budget presentation and documents can be found on the district website.

VI. PUBLIC PARTICIPATION - New Fairfield School Bus Driver Patty Aibohn spoke in support of putting the bus lot at the old Consolidated School. She spoke of safety concerns with the temporary lot at the high school and urged the BOE not to have the high school and middle school on the same schedule until the bus lot issue can be resolved.

VII. BOARD AND ADMINISTRATIVE COMMUNICATIONS

A. Chairman's Report - Dominic Cipollone reported on the following:

- Noted that he and Board member Sue Huwer attended a CABE meeting regarding the State mandate for Reading Initiatives.
- Thanked the bus drivers for all their hard work and encouraged the Town to come to a decision regarding the bus lot as soon as possible.
- Encouraged the Board of Finance to work with transparency with all the other Town Boards, especially during the budget process.

B. Superintendent's Report - None

C. Student Representative Reports

Senior Representative Brennan Hearty noted that:

- Mid-term exams will be given this week and next week.
- The first semester ends on January 19th.
- There will be a half day on January 24th.
- There will be a Transition Night for Middle School students and parents.
- Congratulated Senior Joe Mahoney for winning his 100th Wrestling match.

Junior Representative Emilia Sedlak noted that:

- World Language Students saw Madame Butterfly at the Metropolitan Opera House.
- The Yearbook Club was nationally recognized by the Scholastic Press.
- Yearbooks are currently for sale. They can be purchased online.

D. Committee Reports

1. Business Operations/Resource Management - Ed Sbordone noted that the Business Operations/Resource Management subcommittee met on January 18th and discussed budget vs. actual numbers. It is possible that there will be a deficit in Special Education that may be covered by the end of the year. There was a Google Vault reconciliation and all were legitimate entries. The subcommittee had a presentation from Greenleaf regarding solar panels on the Middle School and High School. The subcommittee approved the budget transfers.

E. Liaison Reports

1. Board of Finance - The BOF met on January 17th. The requests for surplus funds from the BOE and BOS was tabled. The projected fund balance for the Medical Fund is approximately \$1.4 million as of December 31, 2023. This is down approximately \$100,000 from last month.

2. School Security and Safety Committee- Samantha Mannion noted that this subcommittee met with most of the meeting held in Executive Session.

VIII. INFORMATION ITEMS

A. Temporary Bus Parking Lot Update

Scott Pellman from Colliers Project Leaders gave an update on the proposed bus lot. He gave a history of the bus lot and how it was affected by the school construction projects. He spoke of the number of buses and the routes and gave a list of a half dozen possible sites for the buses that were reviewed at a high level but deemed not appropriate. The possibility of an out-of-town bus lot was explored but it was deemed to have additional costs. Funding considerations and extra costs for keeping the bus lot at the high school were discussed.

High School Principal James D'Amico spoke of the challenges of having the bus lot at the high school, specifically congestion and safety concerns. Members of the Board of Education gave their opinions regarding the location of the bus lot.

Permanent Building Committee Chairman Don Kellogg spoke of the study regarding the number of trips for the driveway at Consolidated School and noted the number of trips has been reduced and there will be no parent traffic.

Selectman Tom Perkins spoke of other possible uses for the old Consolidated School property instead of the bus lot and suggested the high school near the dog park.

B. Fiscal Year 2024-2025 Budget

Dr. Craw spoke of the upcoming budget workshops. He asked Board members to send any questions to the central office so that he can be prepared for future meetings.

IX. ACTION ITEMS

A. Personnel Report

MOTION: Kathy Baker made a motion to recommend to the full Board approval of the Personnel Report for January 11, 2024, as recommended by the administration. Greg Flanagan seconded the motion. **IN FAVOR:** Kathy Baker, Tim Blair, Dominic Cipollone, Greg Flanagan, Amy Johnson, Sue Huwer, Kimberly LaTourette, Samantha Mannion and Ed Sbordone.

B. Fiscal Year 2024 Budget Transfers

MOTION: Ed Sbordone made a motion to recommend to the full Board of Education the requested FY 2023-24 budget transfers as presented. Kimberly LaTourette seconded the motion. **IN FAVOR:** Kathy Baker, Tim Blair, Dominic Cipollone, Greg Flanagan, Amy Johnson, Sue Huwer, Kimberly LaTourette, Samantha Mannion and Ed Sbordone.

C. Retirement Settlement

MOTION: Kathy Baker made a motion to recommend to the full Board approval to award the retirement settlement bonus per Article 48 for those eligible teachers who, by Wednesday, February 21, 2024, tender their resignation to be effective at the end of the school year. Kimberly LaTourette seconded the motion. **IN FAVOR:** Kathy Baker, Tim Blair, Dominic Cipollone, Greg Flanagan, Amy Johnson, Sue Huwer, Kimberly LaTourette, Samantha Mannion and Ed Sbordone.

X. PUBLIC PARTICIPATION

Millie Kellogg spoke of concerns of having the bus lot at the high school and spoke of her support for the Consolidated School location.

Eileen Hacaj spoke in support of moving the temporary bus lot from the high school and using the Consolidated School property.

Megan Mariani noted that there is plenty of space at the Consolidated property for both fields and bus lots. She encouraged residents to allow the elected officials to make the decisions.

Selectman Tom Perkins defended the Board of Selectmen and noted that it works with transparency. He encouraged all the boards to be civil and to follow Roberts Rules of Order.

Cynthia Ross-Zweig spoke as the chair of the Planning Commission and noted the requirement of 8-24 referrals for the bus lot.

XI. FUTURE AGENDA ITEMS

Attendance records compared to last year will be discussed at the next meeting.

XII. BOARD MEMBER COMMENTS

Greg Flanagan questioned the bus lot lawsuit and asked why the town didn't want to receive as much information as possible.

XIII. ADJOURNMENT

MOTION: Dominic Cipollone made a motion to adjourn the meeting at 8:50 p.m. Greg Flanagan seconded the motion. **IN FAVOR:** Kathy Baker, Tim Blair, Dominic Cipollone, Greg Flanagan, Amy Johnson, Sue Huwer, Kimberly LaTourette, Samantha Mannion and Ed Sbordone

Respectfully submitted,
Suzanne Kloos

**NEW FAIRFIELD BOARD OF EDUCATION
NEW FAIRFIELD, CT**

The New Fairfield Board of Education held a special meeting on Tuesday, January 23, 2024, at 7:00 p.m. in the Community Room at 33 Route 37, New Fairfield, CT.

MINUTES – January 23, 2024

PRESENT: Dominic Cipollone (Chairman), Kathy Baker (via phone), Tim Blair, Greg Flanagan, Sue Huwer, Amy Johnson, Kimberly LaTourette, Samantha Mannion, Ed Sbordone

ABSENT: None

ALSO PRESENT: Superintendent of Schools Dr. Kenneth Craw, Assistant Superintendent of Curriculum and Instruction Kristine Woleck, Director of Business and Operations Carrie DePuy, New Fairfield High School Principal James D’Amico, New Fairfield Middle School Principal Karen Gruetzner, Elementary Principal Allyson Story, Elementary Assistant Principal Jennifer Hilderbrand, Selectman Tom Perkins, BOF member Thora Perkins

I. CALL TO ORDER: Chairman Dominic Cipollone called the meeting to order at 7:00 p.m.

II. PLEDGE OF ALLEGIANCE

III. REVIEW OF THE 2024-2025 BUDGET

Superintendent of Schools Dr. Ken Craw spoke of the budget for 2024-2025 that was presented on January 18th. He compared the percentage increase for the operating budget of 5.25% to requests from other districts in the surrounding area.

Elementary Principal Allyson Story gave a presentation regarding Consolidated School and Meeting House Hill School. She noted that even though they share a campus, they are operating as two separate schools. She spoke of the many accomplishments of the schools, specifically MHHS being named a “School of Distinction.” There has been an increase in clubs and enrichment opportunities, and an increase in math performance. Enrollment for Consolidated and MHHS is expected to increase by 17 students for next year. Since it is spread over multiple grades, there is no need for additional sections. It was noted that this budget is a “Needs Based Budget.”

Middle School Principal Karen Gruetzner spoke of the many accomplishments in the Middle School, specifically growth in math, the expansion of the Strings program and the return of many extracurricular activities that were paused during the pandemic. Ms. Gruetzner spoke of the success of the first Middle School musical “The Little Mermaid Jr.” There was a brief discussion of the benefits of the “Team Model” for the Middle School. Staffing and enrollment for the Middle School is expected to remain stable. A Library/Media specialist is requested to be added to the Middle School.

High School Principal James D’Amico spoke of the many accomplishments for New Fairfield High School and thanked the taxpayers for the wonderful new school building. He noted improvements in SAT scores. Forty students were inducted into the National Honor Society and ten students were selected for the Western Regional Music Festival. A New Fairfield High School student received the UConn Day of Pride scholarship in 2023.

Staffing and enrollment are expected to remain stable for the next year. Mr. D'Amico noted that there is a higher than normal interest in New Fairfield High School from Sherman students. There was a discussion of incentives and initiatives for the high school, and it was noted that the budget requests an additional school counselor.

Director of Business and Operations Carrie DePuy spoke of the accounting for Sherman tuition and explained that tuition received from Sherman is credited to the Town budget instead of the Board of Education budget. She spoke of dues and fees and noted that supplies were cut last year that need to be made up next year.

Members of the of BOE asked questions of the respective principals. Chairman Dominic Cipollone thanked all the administrators for their hard work on this budget.

The next Budget meeting of the BOE will be held on Wednesday, January 24th at 7:00 p.m. in the Community Room. Main topics that will be discussed include the budget for Curriculum, Technology, and Central Office.

IV. PUBLIC COMMENT - None

V. ADJOURNMENT

MOTION: Dominic Cipollone made a motion to adjourn the meeting at 8:02 p.m. Greg Flanagan seconded the motion. **IN FAVOR:** Kathy Baker, Tim Blair, Dominic Cipollone, Greg Flanagan, Sue Huwer, Amy Johnson, Kimberly LaTourette, Samantha Mannion, Ed Sbordone

Respectfully submitted,
Suzanne Kloos

FY25 Proposed Operating Budget Reductions List

2/1/2024

Operating Budget		\$48,833,259	5.99%
#	Department	Description	Amount
1	Central Office	Advertising	\$2,000
2	Central Office	Printing	\$2,000
3	Central Office	Dues & Fees	\$10,000
4	District Wide	Bus Contract	\$22,000
5	District Wide	Consulting	\$10,000
6	District Wide	School Climate	\$3,500
7	District Wide	School Climate	\$2,000
8	Consolidated School	General Supplies	\$1,000
9	Consolidated School	Decodable texts	\$8,430
10	Consolidated School	Classroom Libraries	\$1,500
11	Meetinghouse Hill School	Library Books	\$2,000
12	Meetinghouse Hill School	Furniture - Bookcases	\$968
13	Meetinghouse Hill School	General Supplies	\$1,000
14	Meetinghouse Hill School	Social Studies Workbooks	\$13,314
15	Middle School	General Supplies	\$1,000
16	Middle School	Furniture - Bookcases	\$500
17	Middle School	Library Books	\$1,000
18	High School	Library Books	\$1,000
19	High School	Dues & Fees	\$2,706
20	High School	General Supplies	\$7,000
22	Special Education	Legal	\$3,250
23	Special Education	Contingency	\$27,000
24	Technology	Equipment	\$15,000
Total			\$138,168

Operating Budget	\$48,695,091	4.95%
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Potential Additional Reductions

25	Other Employment Benefits	Pension	\$8,695
26	Sherman Tuition Revenue	Sherman Transportation	\$82,514
Operating Budget		\$48,603,882	4.75%

2024-25 Operating Budget Drivers

2023-24 Voter Approved Budget	\$46,398,038		
IV. Pro Forma			
Contractual and Inflational	47,150,248		All contractual increases (e.g. salaries, energy)
Other Employee Benefits	\$70,577		FICA, pension, other
Transportation	\$181,036		Increase due to new transportation rates
New HS Service Contracts	\$56,000		Increase due to new HS service contracts
IEP Supports	\$250,000		Increase in paraprofessional support due IEPs
	\$47,707,861	2.82%	
V. Environmental Conditions			
ARP ESSER Funding Exhausted	\$390,000		Maintain essential services supported in FY 24 budget
Entitlement Grant Reduction	\$237,230		52% reduction in grants due to change in poverty rate
Teacher Turnover	\$50,000		Reduction in turnover savings due to budget trends
	\$677,230	1.46%	
VI. Investments & Mandates			
Mental Health	\$160,000		New school psychologist and HS counselor
Reading Initiative / Mandate	\$150,000		Resources for improving K-5 reading performance
	\$310,000	.67%	
2024-25 Total Supt's Recommended Budget	\$48,695,091	4.95%	

Sherman Tuition

<u>Grade</u>	<u>Current Enrollment</u> <u>FY25</u>	<u>Anticipated Enrollment</u> <u>FY25</u>	<u>Projected Tuition</u>	<u>Anticipated Revenue</u> <u>FY 25</u>
9-12	24	28	\$15,700	\$439,600
9-12 SPED	3	5	\$18,735	\$93,675
Total	27	33		\$533,275

Notes:

- # 1: FY 24 Sherman transportation cost to the district is \$76,048
- # 2: FY 25 Transportation cost projected at \$82,514
- # 3: FY 25 Sherman tuition to be negotiated

Greenleaf Energy Solutions

**Renewable &
Energy Efficiency Solutions**

Prepared for:

New Fairfield Public Schools

September 19, 2023



About the Company



Through our alliances with utility companies, manufacturers, and financial institutions, we design and execute energy efficiency upgrades to provide our customers with the most technologically innovative and sustainable products available. We offer a high level of customer care in the industry with an exclusive five-year warranty that is unsurpassed.

Greenleaf Energy Solutions is dedicated to delivering practical energy solutions one customer at a time.

Who We Are

Greenleaf Energy Solutions (GES) is a leading national provider of turnkey LED lighting, HVAC energy conservation services and Solar/Storage Engineering, with a track record of success.

With Offices in **CT (Corporate), VT, FL and TX**, GES has for over 20 years provided our customers operational and environmental benefits that have improved their facilities and reduced their energy use saving them a significant amount of money. Our experience staff of energy professionals have expertise in lighting, energy efficiency, energy management, and solar. With over 5000 installed projects GES is a leader in energy solutions nationwide.

Our Core Values

Customer satisfaction drives all of our behavior.

Attention to details - large and small - is a pillar of GES' core values. We consistently develop and implement practical solutions in a timely and ethical fashion, earning customers' trust and establishing mutually rewarding, long-term relationships.

Greenleaf is committed to becoming exemplary stewards of the world around us.

Every project completed, materials are properly disposed and recycled as it is our responsibility to use natural resources carefully and carry out our business with environmental, economic, and social sustainability in mind.

About **Scope** And Warranties



Inclusions

- Structural Engineering
- Electrical Engineering
- Town Permitting
- Utility Permitting
- Commissioning of System
- Post-install ZREC certification process, if applicable
- Access to Online System Monitoring
- Existing Roof Warranty Continuation, if applicable
- Stepdown Transformer

Additional Services

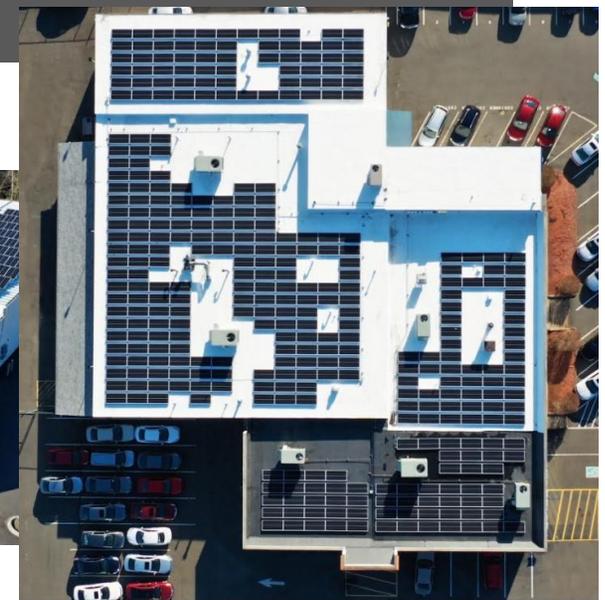
- Energy Efficiency Upgrades
- Structural Reinforcement
- Utility Upgrades
- Roofing Work
- Yearly Maintenance
- Snow Guards
- Battery Storage

Warranties

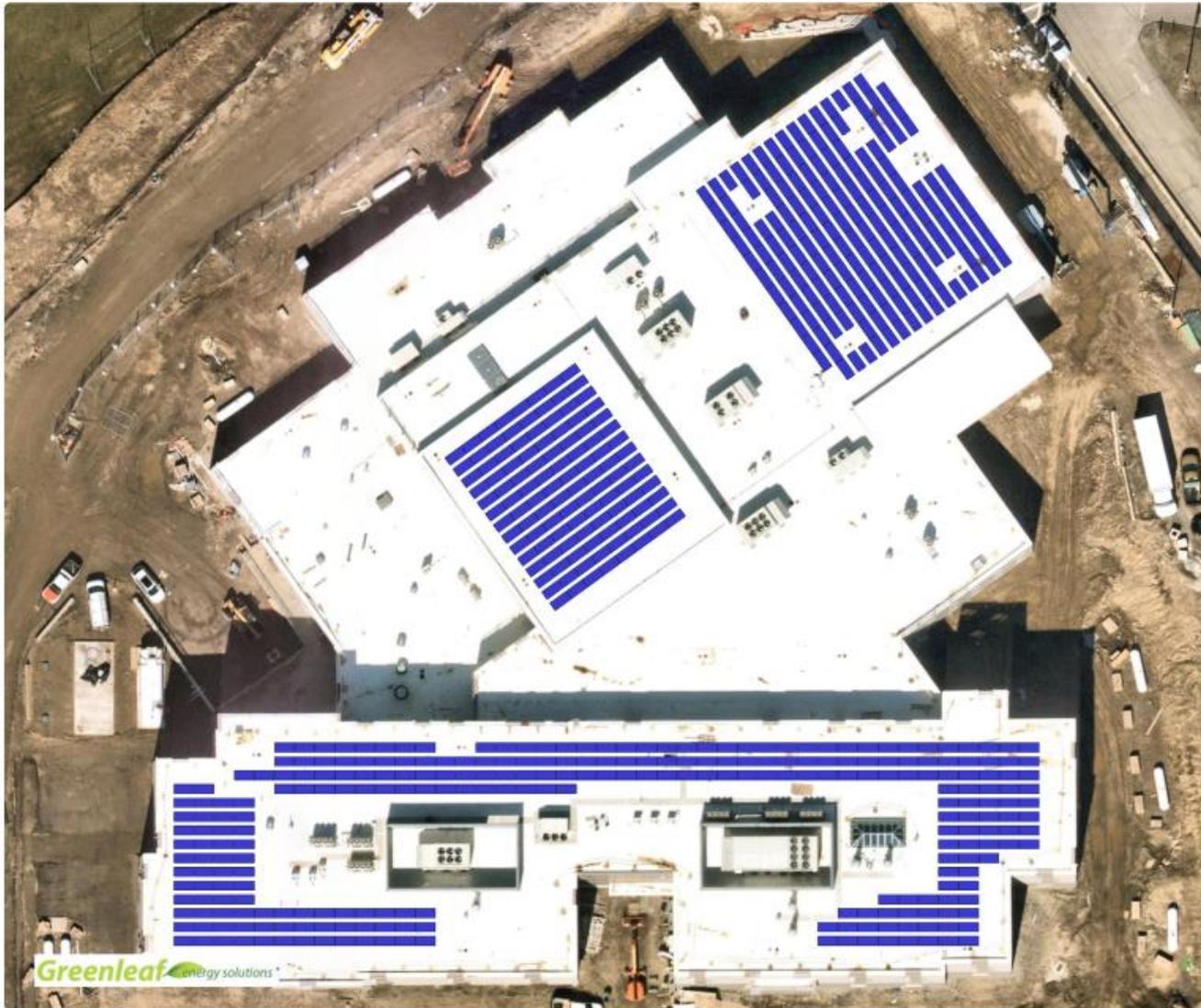
- Solar Panels – 25 Years
- Batteries/System – 10-20 Years
- Racking - 20 Years
- Inverters – 12 Years w/options to extend to 20 or 25 Years
- Installer Workmanship – 15 Years

Solar Life Expectancy Can Exceed 30 years

Today's solar equipment exceeds ASHRAE life expectancy and efficiency. Most Tier One equipment manufacturers will extend warranties up to 25 years giving you peace of mind that your system is covered and can be expected to operate as intended well beyond financial models.



Project Investment-Grade Design & Layout



System Metrics	
Design	Design 2 Small Tariff
Module DC Nameplate	268.5 kW
Inverter AC Nameplate	200.0 kW Load Ratio: 1.34
Annual Production	329.8 MWh
Performance Ratio	80.4%
kWh/kWp	1,228.3
Weather Dataset	TMY, 10km grid (41.45,-73.55), NREL (prospector)
Simulator Version	5686e6d1d3-4b9e29ceb3-ec7ff0ec4b-5d69337d00

Components		
Component	Name	Count
Inverters	PVI 25TL (Yaskawa)	8 (200.0 kW)
Strings	10 AWG (Copper)	40 (6,216.3 ft)
Module	Hanwha Q Cells, Q.Peak DUO XL-G10.3/BFG 490 (490W)	548 (268.5 kW)

Project

Summary – Municipal Financing – High School



Project Specifications	
System Size (KWs) DC	268.5
First Year kWh production	329,819
Utility kWh cost or Tariff	\$ 0.2010
Financed Amount (with closing fees)	\$ 625,683
Total Tax Credits and Depreciation	\$ 184,025
First Year Tariff Benefit	\$ 33,142
Roof Cost	\$ -
Net Solar PV System Cost after Incentives	\$ 408,517

25 Year Operating Income Increase	
\$	859,544

Year	Capital Needed	System Production	Utility Rate	Savings/ Revenue	Other Incentive (RECs)	Loan Payment	Investment Tax Credit	State/Fed Depreciation	Total Annual Increase	Cumulative
1	0	329,819	\$ 0.2010	\$ 33,142	\$ -				\$ 33,142	\$ 33,142
2		328,500	\$ 0.2010	\$ 66,019	\$ -	\$ (64,779)		\$ -	\$ 1,240	\$ 34,382
3	\$ (184,025)	327,186	\$ 0.2010	\$ 65,755	\$ -	\$ (44,001)	\$ 184,025	\$ -	\$ 21,754	\$ 56,136
4		325,877	\$ 0.2010	\$ 65,492	\$ -	\$ (44,001)		\$ -	\$ 21,491	\$ 77,627
5		324,574	\$ 0.2010	\$ 65,230	\$ -	\$ (44,001)		\$ -	\$ 21,229	\$ 98,856
6		323,275	\$ 0.2010	\$ 64,969	\$ -	\$ (44,001)		\$ -	\$ 20,968	\$ 119,824
7		321,982	\$ 0.2010	\$ 64,709	\$ -	\$ (44,001)		\$ -	\$ 20,708	\$ 140,532
8		320,694	\$ 0.2010	\$ 64,450	\$ -	\$ (44,001)		\$ -	\$ 20,449	\$ 160,982
9		319,412	\$ 0.2010	\$ 64,192	\$ -	\$ (44,001)		\$ -	\$ 20,192	\$ 181,173
10		318,134	\$ 0.2010	\$ 63,935	\$ -	\$ (44,001)		\$ -	\$ 19,935	\$ 201,108
11		316,861	\$ 0.2010	\$ 63,680	\$ -	\$ (44,001)		\$ -	\$ 19,679	\$ 220,787
12		315,594	\$ 0.2010	\$ 63,425	\$ -	\$ (44,001)		\$ -	\$ 19,424	\$ 240,212
13		314,332	\$ 0.2010	\$ 63,171	\$ -	\$ (44,001)		\$ -	\$ 19,171	\$ 259,382
14		313,074	\$ 0.2010	\$ 62,919	\$ -	\$ (44,001)		\$ -	\$ 18,918	\$ 278,300
15		311,822	\$ 0.2010	\$ 62,667	\$ -	\$ (44,001)		\$ -	\$ 18,666	\$ 296,967
16		310,575	\$ 0.2010	\$ 62,416	\$ -	\$ (44,001)		\$ -	\$ 18,416	\$ 315,382
17		309,332	\$ 0.2010	\$ 62,167	\$ -	\$ -		\$ -	\$ 62,167	\$ 377,549
18		308,095	\$ 0.2010	\$ 61,918	\$ -	\$ -		\$ -	\$ 61,918	\$ 439,467
19		306,863	\$ 0.2010	\$ 61,670	\$ -	\$ -		\$ -	\$ 61,670	\$ 501,137
20		305,635	\$ 0.2010	\$ 61,424	\$ -	\$ -		\$ -	\$ 61,424	\$ 562,561
21		304,413	\$ 0.1871	\$ 56,965	\$ -	\$ -		\$ -	\$ 56,965	\$ 619,526
22		303,195	\$ 0.1918	\$ 58,156	\$ -	\$ -		\$ -	\$ 58,156	\$ 677,682
23		301,982	\$ 0.1966	\$ 59,371	\$ -	\$ -		\$ -	\$ 59,371	\$ 737,053
24		300,774	\$ 0.2015	\$ 60,612	\$ -	\$ -		\$ -	\$ 60,612	\$ 797,665
25		299,571	\$ 0.2066	\$ 61,879	\$ -	\$ -		\$ -	\$ 61,879	\$ 859,544
Totals	(184,025)	7,861,572		\$ 1,540,330	\$ -	\$ (680,786)	\$ 184,025	\$ -	\$ 859,544	\$ 859,544

Pricing is valid for 60 days from proposal date - 9/19/23

Solar

Benefits and Site Use Offset – High School



Project Specifications	
System Size (KWs) DC	268.5
First Year kWh Production	329,819
Gross Project Cost	\$ 613,415
Projects Assumptions	
Avoided Utility Cost	0.114200948
Additional Incentive \$/MWh	\$ -
Aggregated Savings	
Year One Total Revenue	\$ 66,284
Additional Incentive Gross Income	\$ -
Federal & State Combined Depreciation (@87% Value)	\$ -
Income Tax Credit (30% of System Cost)	\$ 184,025
25 Year Revenue Minus Investment	\$ 1,144,081
10 Year IRR	8%
IRR - Term Purchase	14%



Environmental Benefits			
Installation of energy efficient measures identified for this project will save an estimated 7,861,572 kWh over 20 years of solar production			
Greenhouse Gases Avoided			
12,106,820 Pounds of Carbon Dioxide (CO2)			
23,585 Pounds of Nitrogen Oxides (NOx)			
47,169 Pounds of Sulfur Dioxide (SO2)			
By reducing greenhouse gas emissions and other harmful environmental pollutants, this project will reduce air pollution and improve air quality.			
This is equivalent to:			
5,877,097 Pounds of coal not burned			
1,501 Acres of forestation (trees) added			
1,056 Cars removed from road			
657 Homes provided with electricity			
Environmental Impact calculations are estimates based on the 2007 Energy Star Campaign Facts and Assumptions Sheet & EPA Clean Energy Calculations & References Guide.			
Monthly PV Production Offset			
Month	Current Usage kWh	Estimated PV Production kWh	Percentage of Use
January	267,840.00	13,187.50	5%
February	249,120.00	16,266.80	7%
March	244,800.00	27,117.30	11%
April	200,160.00	33,074.90	17%
May	115,200.00	37,184.60	32%
June	112,320.00	41,799.80	37%
July	116,640.00	42,051.30	36%
August	119,520.00	35,220.20	29%
September	106,560.00	31,050.90	29%
October	138,240.00	22,837.70	17%
November	168,480.00	16,155.10	10%
December	246,240.00	13,873.10	6%
Total	2,085,120.00	329,819.20	16%

Next Steps & Project Timeline



Preliminary Design & LOI

- *Collect Utility Bills -Done*
- *Budgetary Proposal - Done*
- Sign Letter of Intent (LOI)
- 15 Minute Interval Data from Utility
- Conduct Site Visit
- Preliminary Engineering Design & Final Proposal

Development: 3 - 6 Months

- Submit for Incentives
- Finalize Design and Sign Contract
- Utility Interconnection Application
- Permits and Town Approvals
- Order Equipment

Construction: 3 - 5 Months

- Receive All Permits & Utility Approvals
- Install Solar Array (Racking, Modules, Inverters, etc.)
- Perform System Inspection & Commissioning
- Final Utility Approval and Energize System

**NEW FAIRFIELD PUBLIC SCHOOLS
NEW FAIRFIELD, CT**

GIFTS AND DONATIONS

This form must be completed and submitted for all in-kind and monetary donations to a school or the district. Donations valued at \$1,000 or more require BOE approval before acceptance of the donation or depositing of funds. A letter of acceptance will be sent by the appropriate staff member with a copy to the superintendent's office.

DATE: January 12, 2024

SCHOOL: New Fairfield High School

TYPE OF DONATION AND QUANTITY: Monetary

CONDITION/AGE OF ITEM DONATED: N/A

DONOR: Rebels Booster Club

SCHOOL'S PLAN FOR USE OF ITEM(S): For purchase of a wrestling mat

APPROXIMATE VALUE: \$10,000

The approximate value denoted above has been supplied by the donor. The New Fairfield Public Schools does not attest to the accuracy of this value. It is the donor's responsibility for documentation to support this valuation for tax or any other purposes.