



Sara Voghel <voghels@newhtfd.org>

[NHTaskForce] New Hartford Elementary Schools

1 message

Heather Twyeffort <htwyeffort@gmail.com>
To: NHTaskForce@newhtfd.org

Tue, May 19, 2026 at 9:30 AM

I am writing to express our support for keeping Bakerville School open.

I have one son that went through Bakerville School. Another son that is currently attending Bakerville school, and one daughter who will be enrolled at Bakerville school next year.

My children have had such a wonderful school experience at Bakerville school. It is a warm and inviting school. Teachers and staff at Bakerville school care about the children and lead with kindness, compassion and love.

New Hartford is a town with many young families that are supportive of their children's education. We want the best for our children and want to fund the schools properly to give the children the best environment possible.

We wish for money to be spent to keep Bakerville school open. If this is not cost effective, then we wish for there to be a brand new Prek-6 school to be built so that all of the elementary aged children in town may go to school together.

We do not wish for children at Bakerville to be redirected to attend Antolini or New Hartford Elementary. This would put a strain on the children and the teachers and would not be the best learning environment for our children.

Thank you for your consideration.

Heather Twyeffort

--

You received this message because you are subscribed to the Google Groups "School Facility Utilization Task Force" group.

To unsubscribe from this group and stop receiving emails from it, send an email to NHTaskForce+unsubscribe@newhtfd.org.

To view this discussion visit <https://groups.google.com/a/newhtfd.org/d/msgid/NHTaskForce/CA%2BuY3jHFjHCfjMSBhnHYo3FRgZ4cvb70PXkmMe3kKYkcpW%3Dvpg%40mail.gmail.com>.

New Hartford School Facilities Study

05/26/2026

ENERGY USE INTENSITY REPORT



Silver Petrucelli + Associates
3190 Whitney Avenue | Hamden CT 06518
311 State Street | New London CT 06320
203 230 9007 silverpetrucelli.com

CONTENTS

INTRODUCTION..... 2

RESULTS..... 2

RECOMMENDATIONS 3

CONCLUSION..... 4

GRAPHICS 5

INTRODUCTION

SP+A was tasked with using an annual sample of energy bills between April 2025 and April 2026 of three (3) New Hartford schools to determine their current energy use intensities (EUI). The task also included completing a high level comparison of them with other schools of similar types in the nation and local region. The benchmark data collected is from the Commercial Buildings Energy Consumption Survey (CBECS) 2022 data set which is the latest complete set. Though of a different year than the utility data set, the values are not expected to vary significantly enough to be unusable for comparison. The data therefore can be reasonably used as an estimate to benchmark the schools.

The EUI gives an idea of the energy performance of the buildings. It is the ratio of the energy consumption of the building with the gross square footage (kbtu/sqft). The “lower” or closer to median the EUI for the school is demonstrates a school that is performing close to the expected energy use for its same type. It shows that the school is using an expected amount of energy. A “higher”, or further from the median, EUI for the school is worse because it shows a gap in energy use where there is room for improvement to be closer to the national median.

RESULTS

Table 1: New Hartford Schools’ Existing EUI National Benchmark

School	Square Footage	EUI (kBtu/sqft)	National Median EUI*	National 75 th Percentile EUI*
Bakerville Consolidated	18,428	76.49	45.2	59.8
New Hartford Elementary	23,405	99.79		
Ann Antolini School	58,177	68.05		

*Based on CBECS 2022 Data Set

Bakerville and New Hartford Elementary are above the national median and 75th percentile energy use intensities which shows that there is room for improvement for better energy performance. From an energy use standpoint, Ann Antolini is closest to the national 75th percentile values for schools.

Table 2: New Hartford Schools’ Existing EUI Regional Benchmark

School	Square Footage	EUI (kBtu/sqft)	Regional Education EUI*
Bakerville Consolidated	18,428	76.49	73.2
New Hartford Elementary	23,405	99.79	
Ann Antolini School	58,177	68.05	

*Based on CBECS 2022 Data Set

New Hartford is in the Association of Heating Refrigerating, and Air Conditioning Engineers (ASHRAE) 5A climate zone which is a region with cold winters and warm, humid summers. This

factors in a varied energy use for conditioning outdoor air and having higher air infiltration than other areas. The corrected value incorporated all educational building K-University.

This value shows that Ann Antolini is well below the regional average value and Bakerville is only slightly above. The heating systems for both schools are hot water systems (as opposed to steam) and they have some efficient cooling as opposed to just window air conditioners. That said, there are always areas for improvement. New Hartford Elementary is much higher than the national average even compared to the other schools possibly because of its documented building envelope issues as well as the steam system and lack of insulation in the condensate recovery system. The primary incentive for seeking to be closer to the national and regional average energy use intensities is lower energy costs due to greater efficiencies of equipment and the building envelope.

RECOMMENDATIONS

There are several recommendations that can reduce the schools' EUIs and provide better overall energy performance which can reduce energy costs. These include:

- Lighting Upgrades
- Replacing the Boilers with Condensing Boilers
- Building Envelope Improvements
- Exhaust Fan Motor Replacements
- Energy Recovery Ventilators
- Variable Refrigerant Flow Heat Pumps
- Renewable Energy – Solar

An example of the potential energy savings that some of these improvements can provide is the savings associated with a full lighting upgrade including LED lamps, ballasts and controls, combined with the use of gas fired condensing boilers. SP+A estimated the savings based on common consumption improvements with these better efficiencies.

Table 3: Lighting Upgrades and Condensing Boilers

School	Square Footage	EUI (kBtu/sqft)	National Median EUI*	National 75 th Percentile EUI*	Regional Education EUI*
Bakerville Consolidated	18,428	67.76	45.2	59.8	73.2
New Hartford Elementary	23,405	87.05			
Ann Antolini School	58,177	59.65			

*Based on CBECS 2022 Data Set

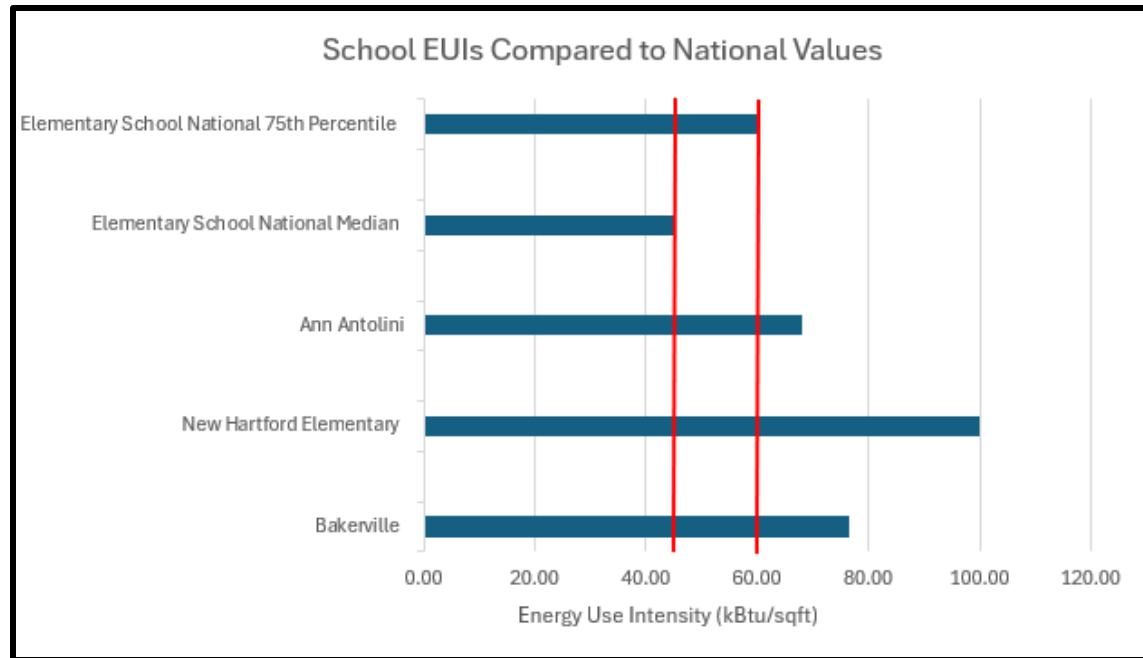
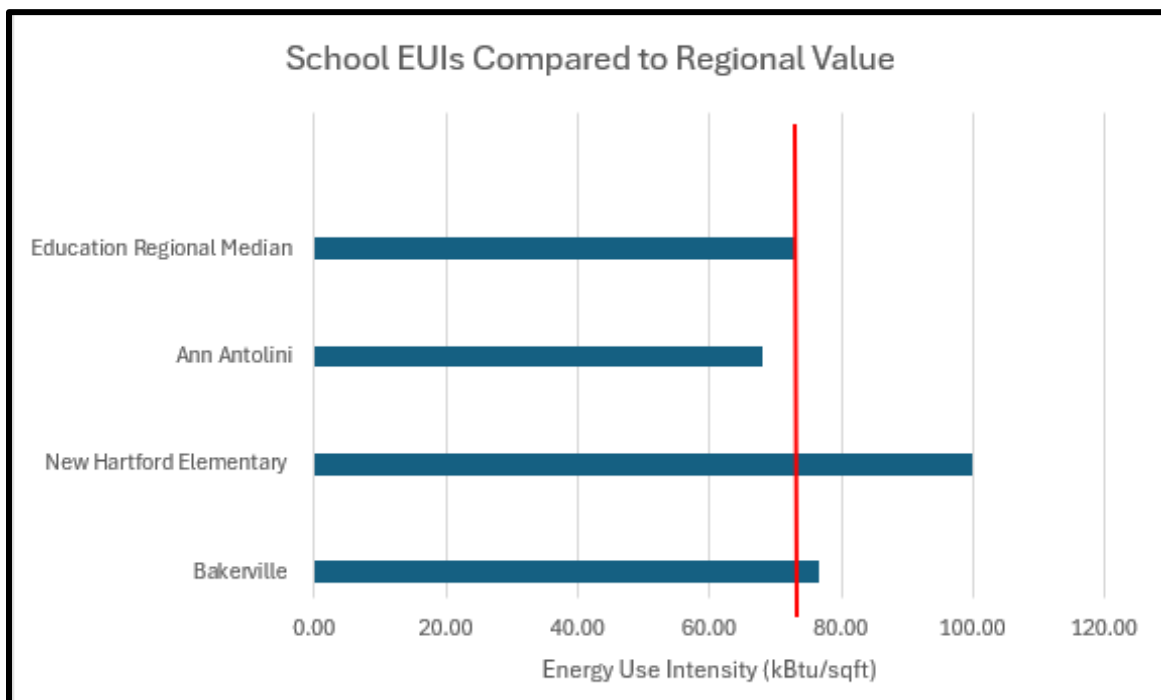
As shown in Table 3, these improvements can decrease all the schools' EUIs. These improvements can potentially bring Bakerville and Ann Antolini below the regional average (showing a better energy use than the expected regional value) EUI and can potentially even bring Ann Antolini close to or even below the national 75th percentile EUI. These are estimations

but they demonstrate the savings trend behind making energy conscious improvements to all existing and or future buildings.

CONCLUSION

SP+A identified several areas in the schools where equipment and envelope can be improved to increase the energy efficiencies of the schools. The current energy use intensities show that all schools are above the national median and 75th percentile which emphasizes the room for improvement in these areas.

GRAPHICS





New Hartford Faculty Survey - REV 5

New Hartford Public Schools Facility Utilization Task Force - REV 5

The Boards of Education, Selectmen and Finance are seeking community engagement. We believe it is both timely and essential that we work together to thoughtfully examine the long-term direction of our school district through the School Facility Utilization Task Force.

The Task Force, in consultation with Silver Petrucelli and Associates (SPA), will identify potential paths forward for our school district, considering factors such as educational programming, service delivery, professional development, three school facility utilization and fiscal responsibility. The Task Force wants to hear from you regarding the potential paths. Those may include continuing to support our three school structure, consolidating to two schools, consolidating to one school, constructing new school(s), adding an addition to one school, etc.

There is a large amount of data being gathered throughout this process and we would like to include input from New Hartford teachers and staff. Your experience and insights are valuable to this process. Please complete the survey and submit by Friday, June 5, 2026.

Thank you!

NEW HARTFORD SCHOOLS FACULTY & EMPLOYEE SURVEY

There are 12 questions in this survey.

[Next](#)

My first question group

Name (optional):

What is your position at New Hartford Public Schools? (optional)

Choose one of the following answers

- ☐ Teacher
- ☐ Paraeducator
- ☐ Counselor/Social Worker/Psychologist
- ☐ Administrative Staff
- ☐ Nursing Staff
- ☐ Custodian Staff
- ☐ Cafeteria Staff
- ☐ Information and Technology Staff
- ☒ No answer

Choose one of the following answers

- ☐ Bakerville Consolidated
- ☐ New Hartford Elementary
- ☐ Ann Antolini
- ☐ Central Office
- ☐ Work in multiple locations
- ☒ No answer

Do you live in New Hartford?

☒ Yes	☐ No	☒ No answer
---	-----------------------------	---

Do you currently have children in the New Hartford school system?

☒ Yes	☐ No	☒ No answer
---	-----------------------------	---

What can be improved in the current buildings to benefit instruction? Please select the top three in order of preference:

Only numbers may be entered in these fields.

General classrooms

Staff lounge

Staff workroom

Art room

Music room

Special Education Classrooms

Library

Gym facilities

Athletic fields and playground

Administration/main office

Food service/cafeteria

Hallways and common areas

Please provide reasons for your choices:

Which consolidation option do you feel would be the most beneficial for the long-term success of the district? Please explain your answer.

Choose one of the following answers

- ☐ **Maintain the current structure (three separate schools)**
- ☐ **Consolidate to two schools**
- ☐ **Consolidate to one school**

Explain your answer here:

If the district consolidates to one OR two schools, what are your primary concerns? Please select the top three in order of preference:

Only numbers may be entered in these fields.

Increased class sizes

Longer bus rides/travel time

Impact on community identity

Facility capacity

Staffing changes/layoffs

Initial transition costs

Other:

If the district consolidates to one OR two schools, what do you see as the potential benefits of consolidation? Please select the top three in order of preference:

Only numbers may be entered in these fields.

Less transport of people and resources between buildings

More flexibility with staff coverage needs

Building security

Increased staff collaboration for K-2 teachers

More resources available in centralized media centers, music rooms and art rooms

More opportunities for cross classroom student socialization and collaboration

Other:

Please provide any additional comments regarding the potential district consolidation.

Submit

Made in LimeSurvey 