

TOWN OF SUNAPEE NH  
ENERGY COMMITTEE MEETING NOTES

1-7-2020

Location – Town Hall Meeting Room  
Attendance – Keith Chrisman, Bette Nowack  
Meeting time – 5:00 pm to 7:00 pm  
Minutes:

1. Joseph Bisson was unable to attend. Bette prepared minutes.
2. Minutes from 11-5, 11-19, 12-3, and 12-23 were reviewed and the following comments to 12-3-19 minutes were noted:
  - #1 - reference to meeting on 11/17 should be revised to “11/19”.
  - #1b referring to #13 in 12-3-19 Minutes - the word “location” was added to the sentence.
  - #2 - Edit to say “...who met with architects after meeting to discuss energy...”

Minutes for four previous meetings were approved with the above edits to the 12-3-19 minutes.

3. Reviewed open questions from previous meetings, as noted in minutes. The following issues have been resolved:
  - (11-5-19) We will use the “gross” area on Property Cards for entry into Portfolio Manager. This will need to be updated in spreadsheet, which currently has effective areas.
  - (11-5-19) Bette will follow up on email sent tonight to Connor Jennings requesting monthly data (email to be attached to minutes)
4. Bette checked with Abbott Library regarding posting notices. Library is OK with posting non-profit local events/announcements. Discussed process of how to post notice on library bulletin board.
5. Keith has been discussing potential energy audits with Kristen Bahney of Eversource. She also can provide a contact for portfolio manager issues at Eversource. Kristen said that Eversource already did equipment audits. We would like to get copies of the audit information.
6. Bette spoke to Jim Williams on W&S Commission regarding a potential future tour of facilities.
7. Keith summarized upcoming Weatherize Kearsarge events and benefits available to residents.
  - Jan 25, Feb 1, Feb 8; 2-4 pm on Saturdays
  - At Kearsarge HS, Newbury Town Office, and Grantham Town Hall, respectively.
  - \$100 initial audit fee
  - 0% & 2% Loans offered
  - NH Saves will cover 50% of approved project costs, up to \$4000 reimbursement. Other rebates also available.
  - Residents interested in this program should contact Vital Communities.
  - This is not sponsored by the Town of Sunapee. Keith is participating in this program as an individual.
8. Bette drafted email to Eversource requesting data (email attached) Keith reviewed and email was sent during meeting.

9. Action Items:

Action – Keith to contact Kristen Bahny at Eversource 603-621-6874 to discuss energy audits.

Action - Keith will send letter to Superintendent Russ by attaching to email tonight.

Action - Keith to check to see if EC can store documents/data in resource folder on Town server/cloud storage and if EC can post notices on public website.

Action – Bette to get data book from Joe at next meeting and update spreadsheet with gross area instead of effective areas, and add Dead River Data.

Action - Bette to reach out to W&S Commission (Dave Bailey). Invite to EC meeting to discuss potential benefits EC can offer and potential future tours.

Action - Keith to talk to Donna about accounting system and potentially streamlining for EC's use.

10. Next meeting is scheduled for Tuesday, 1-21-20 @ 5:00 pm at Town Hall meeting room.

**Bette Nowack** <bette.nowack@gmail.com>

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## Town of Sunapee Data Request

1 message

**Bette Nowack** <bette.nowack@gmail.com>

Tue, Jan 7, 2020 at 6:09 PM

To: connor.jennings@eversource.com

Cc: Keith Chrisman &lt;chrismankw@icloud.com&gt;, Bisson Joe &lt;joseph.bisson1@gmail.com&gt;, Vaughn Barbara &lt;frontdesk@town.sunapee.nh.us&gt;

Hi Conner:

I am sending this email as a member of the Town of Sunapee Energy Committee. First of all, I would like to thank you for the information you have already provided to Donna Nashawaty regarding KWh usage for the Town of Sunapee accounts from 2015 through 2018. We are setting up a baseline of energy use for the Town facilities in the US EPA Energy Star Portfolio Manager Program. In order to do this, we need to have the KWh usage by account (facility name and account number) broken down by month. What you have provided so far has only been broken down by year, and account numbers were not provided.

In order to complete our mission, we request the following more detailed information: Summaries of the KWh, price per KWh, and total cost per month by account number and facility name for each of the Town of Sunapee Eversource Accounts from January 2018 through the present. We would like to get this data in an excel spreadsheet.

I will give you a call to follow up with this request and to answer any questions you might have. In the meantime, feel free to email me or call me with any questions. My cell phone number is (603) 491-9817.

Regards,

Bette Nowack

Town of Sunapee, NH

Energy Committee

December 27, 2019

Mr. Russell Holden  
Superintendent of Schools  
SAU 85 Sunapee School District  
70 Lower Main Street  
Sunapee, NH 03782

Dear Superintendent Holden:

The Town of Sunapee Energy Committee would like to express our interest in providing review and input to the SAU 85 Capital Improvements Projects (CIP) Committee during the design process for the new Elementary School and the upgrades to the Middle High School. The mission statement of the Energy Committee is as follows:

*“The Energy Committee identifies and recommends opportunities for energy conservation, energy efficiencies, energy generation and other energy-related cost savings for the Town of Sunapee.”*

Allowing the Energy Committee to review and provide input on the design and construction of the new Elementary School will provide a prime opportunity for the Town to take advantage of our mission and provide a significant benefit to the Town.

We understand that the educational experts on the CIP Committee will be focusing on ensuring that the schools are designed to provide the appropriate educational facilities for the children of Sunapee. By contrast, our focus will be on energy efficiency and cost-effective design and implementation of the building envelope, heating, ventilation, and lighting systems. We are interested in ensuring that the Town of Sunapee taxpayers get the best balance of capital cost versus long-term operational costs for the school facilities.

For instance, following less strict building standards on building envelope insulation or mechanical systems during construction could lower capital costs, but could result in higher long-term heating and maintenance costs over the lifespan of the facilities. The result could be a higher long-term tax rates in Sunapee even though capital costs and bond costs are lower.

We understand that Banwell Architects are designing the new Elementary School to meet the requirements of the U.S. Department of Energy 2015 International Energy Conservation Code (IECC) as a minimum. We further understand that there are many optional methods of meeting the energy efficiency requirements of this code. Has the CIP Committee looked into any government or utility company incentives that can be applied to the proposed projects for the schools?

Assuming that the CIP Committee welcomes the Energy Committee’s review, we request that the Committee provide us with the project schedule and the basis of design for the Elementary School, including the proposed construction of the building envelope, R-values for insulation in the walls and roof, U-factors of windows, the conceptual design/types of heating, ventilation, and lighting systems proposed, and any consideration that is being given for on-site energy generation, such as

geothermal or photovoltaic. Please also provide results of any energy modeling that has been performed or a summary of modeling that is proposed, and any energy-related options that are under consideration for implementation.

Much of this material may still be in conceptual form, however, we feel that an early review before detailed design has been completed will allow us to provide the most value to the CIP Committee and Banwell Architects and will minimize effort and cost for any redesign work that may be appropriate.

Finally, the Energy Committee offers to work with SAU 85 to perform benchmarking of energy usage at the existing school facilities. This benchmarking can later be used for a comparison with energy usage in the new and renovated schools, demonstrating the savings in operational costs achieved. The Energy Committee is currently working on benchmarking other Town buildings using the Energy Star Portfolio Manager Program and would be glad to include the school buildings to the portfolio.

The Energy Committee looks forward to working with the CIP Committee and Banwell Architects to optimize the Sunapee School Facilities. We would be open to meeting with the CIP project team at one of your meetings. Alternately, we invite your team members to join us at one of the Energy Committee meetings held on the first and third Tuesdays of each month. Please contact Keith Chrisman, the Energy Committee Chairman at [chrismankw@icloud.com](mailto:chrismankw@icloud.com) to respond to this letter.

Sincerely,

Keith Chrisman, Chair  
Joseph Bisson  
Bette Nowack

Copy to:  
Town Manager, Donna Nashawaty