

**MADISON ENERGY ADVISORY COMMITTEE
TOWN OF MADISON
Oct 15, 2015
MINUTES**

Note: These minutes from the October 15, 2015 Madison Energy Advisory Committee meeting were approved at the November 19, 2015 Committee meeting.

Members Present: Noreen Downs (Co-Chairman & Planning Board), Bill Lord (Secretary & Budget Committee), Russ Lanoie (Voter), Bruce Kennedy (Library Rep), and Russ Dowd (Co-Chairman), Nicole Nordlund (Voter) arrived late, and Selectman Bob King. The meeting was held at the Town Hall.

Others Present: Madison TV Videographer Carol Dandeneau.

Meeting Posted: At Madison & Silver Lake Post Offices and Town Hall upper and lower bulletin boards.

Meeting Called to Order: By Co-Chairman Noreen Downs at 7:00 p.m

APPROVAL OF MINUTES – The minutes of the Sep 2015 meeting were approved, as edited; with a **motion** for approval by Dowd, seconded by Kennedy and voted 6-0.

NEW MEMBER – Mr. Ken Eckhart was nominated by the School Board to be their rep to our committee. Kennedy made a **motion** to approve Eckhart, seconded by Dowd. The Committee voted 6-0 to approve. Noreen will process the request through the Selectman for final approval.

PUBLIC COMMENTS – there were no public comments.

OLD BUSINESS:

RESILIENT BUILDING GROUP REPORT – Mr. Dana Nute, General Manager, Resilient Building Group Inc., gave a presentation of the capabilities of RBG to assist Madison in various energy evaluations. They only do commercial & municipal building work in the following areas: LEED consulting & training, energy audits, commissioning new buildings, retro-commissioning of older buildings, energy-centric construction management, and monitoring/verification for 1 year after evaluations. The CDFA can provide 2% loans or up to \$500,000 grants for this work. The RBG fees are 3.5-4.5% of the total job value, and they prefer jobs of \$300,000+, however they have done work for jobs as small as \$160,000. The RBG fees increase the smaller the job. Mr. Nute will send Co-Chairman Downs a fee/rate schedule.

REPORTS FROM PREVIOUS MEETINGS ACTION ITEMS;

Facility Tour; Frase Solar PV/thermal – Mrs. Downs will arrange a tour of the wood pellet heated facilities of the Carroll County Nursing Home, Tuftonborough Town House, and Effingham Town Hall on 10 Nov between 9-11am. She also contacted Mr Frase about his evaluation of the Town's electric usage to determine size and cost of a solar array, but he has not completed his evaluation.

Eversource follow-up with R. Hunt; update BOC work with Madison school – Mr Dowd will meet with R. Hunt on 10/16 to further discuss his recommendations on the Town’s energy audit. Russ’ work with the Building Operator Certificate course and interface with Mr. Eckhart has determined that efforts to change out interior school lighting may not be cost effective right now. However, the outdoor lights (building and parking) should be replaced with LED-type lighting to reduce costs.

NH Wood Energy Council application review – Mrs. Nordlund and Mrs. Downs reported on their review and evaluation of the application and recommended a moratorium be placed on any immediate heat system replacement actions. This should apply not only the library and school boilers (coming up on the CIP for replacement in 2017), but any town building boilers that might come up for possible replacement should they become dysfunctional to the point where a vendor recommends replacement vice repair. The committee believes it may be more prudent to put money into boiler repairs temporarily in order to permit time for a more comprehensive solution that might include a district heating recommendation for all buildings. A feasibility study on how to do this in a cost-effective manner could be provided with grant funding. Rick DeMark would make an ‘Ambassador’ visit, before a pre-feasibility study to look at bio-mass heat systems for Town building(s).

RSA’s and energy system incentives – Mr. Lanoie reported there are provisions in RSA 72-62, 66, and 70 for solar, wind, and wood heating incentives to make those installed systems be excluded from assessing for tax purposes.

New/pending State energy legislation – Mr. Kennedy met with Rep Ticehurst to determine if there was any pending legislation on energy issues, there was none she was aware of.

Evaluate the use of Energy Master Plans for Madison – Mr. Lord reviewed several NH town energy master plans and reported that the development of one for Madison would be of value. Such a plan could codify Town actions, both short and long term, and serve as a place to document those actions and where citizens could provide input.

NEW BUSINESS:

FORUMULATION OF COMMITTEE RECOMMENDATIONS – The committee discussed the need to begin to formulate recommendations for the future town report. In order to do so, some sense of costs must be determined. The ideas gathered include: energy CIP with timeline for various town building boiler replacements, audit actions, replacement equipment timelines, tax assessment rules, building codes/permits, energy master plan, Eversource recommendations (lights), Wood Council assessment (heat with biomass), Smart Start financing, radiant systems in garages/fire station, NH Saves Programs – rebates on replacement of inefficient off-the-shelf systems, town goals, feasibility studies funds with grants (biomass/LNG), REC/T-REC programs, Solar systems, propane, LNG, and oil systems, demonstration of a system, determine costs, find rebates/grants/financing, staging of projects.

REVIEW OF ACTION ITEMS:

1. Noreen will finalize a visit to the 3 facilities listed above that use a wood pellet energy system on 10 Nov; follow-up with Kim Frase regarding electric consumption data we provided.
2. Russ D will contact Resource Management Inc. to see if we can visit their facility to see both working solar array and wood ash retreatment.

3. Noreen and Russ D will evaluate the Town building energy audit recommendations to determine what could be near, mid, and long-term projects.
4. Russ D will contact Mark McConkey to determine if he is aware of any pending energy legislation.
5. Russ D will discuss the Eversource recommendations with Russ Hunt.
6. Bill will develop draft slides to help coalesce the committee thoughts in preparation for Town meeting/report.

ADJOURN: 8:45 p.m. Dowd made a **motion** to adjourn, seconded by Lanoie, and so voted unanimously 7-0.

NEXT MEETING – The next meeting will be Thursday, November 19, 2015 at 7:00 PM at the Town Hall.

Respectfully submitted,



Bill Lord, Member
Recording Secretary

Grp	<u>13</u>	Ser	<u>N</u>
Date Filed:			
<u>11/23/15</u>			
Michael R. Brooks Town Clerk, Madison, NH			