



TEC

TOWNSEND ENERGY COMMITTEE

272 Main Street

Townsend, Massachusetts, MA 01469

Christopher L. Campion, Ph.D., Susan Dejniak, PMP,
Sandra Brown, Theresa Morse, Ph.D., Michael Brown, Ph.D.

**JANUARY 3, 2012
TOWNSEND ENERGY COMMITTEE
SELECTMEN'S CHAMBERS
MEMORIAL HALL
7 PM**

MINUTES

- 1. Call the meeting to order:** Chairman Chris Campion opened the meeting at 7:13pm. Present were members Chris Campion (CC), Michael Brown (MB), Sue Dejniak, and Theresa Morse (TM). Absent was Sandra Brown. Also present was support staff Karen Chapman (KC).
- 2. Approval of Meeting Minutes: 12/13/12:** SD motioned to accept the minutes of 12/12/12 with the edits mentioned. TM seconded with all in favor.
- 3. Discuss Audit dates for Police Station:** discussed process to date and KC showed email from EnerNOC about dates and info. We have tentatively set January 17th as the audit date. KC will work on list of documents that EnerNOC requires for the audit and send them by email. Mark Mercurio, Facilities Manager will be available to be with the representatives from EnerNOC for the duration of the audit.
- 4. Discuss Idle Right:** no update. TM will check on invoice for installation into the new police cruiser.
- 5. Discussion with Fire Chief re: new Central Fire Station:** Chief Klein was present to discuss the development of a new Central Fire Station. The building committee, made up of a group of citizens and Fire Department personnel, is in the process of a feasibility study to evaluate all the aspects of building a new fire station. The original plan conceived in 1995 was to replace each station in town one by one over 10 years. This has not been done as only the Harbor Station has been built. The group is also looking at the finances needed for this endeavor and is evaluating the needs of the community for fire protection. Independent consultant Kaestle Boos Associates is completing the feasibility study. It looks

like the best scenario is to build a Central Fire Station somewhere between the center of town and West Townsend. This would leave empty four buildings, including the current fire headquarters at 13 Elm Street, the ambulance garage at 8 Elm Street, the garage behind Town Hall and the West Townsend station at 460 Main Street.

The Chief is looking at how to make the building as energy efficient as possible paying attention to cost in the short and long terms. He is considering geothermal and radiant heating and solar for electricity. He would like the Energy Committee to give input on what other kinds of things he can do beyond what he's mentioned. What kinds of grants are out there to do energy efficient practices? He wants to sell to the community a complete package where these are the steps we are taking to make costs low now and in the future for energy use and this is how it will benefit the town.

CC is not certain how much of the Green Communities grant can help with this. For example, if the town needs a new vehicle and has appropriated enough to get a hybrid, the Energy Committee can use grant money to go up to the next level of vehicle, like an electric one. Or if you have 85% efficiency in your systems, we could put money towards getting you a higher percentage of efficiency. The grant cannot be used to purchase energy efficient systems for new buildings. SD mentions that she's not sure there are other grants, but could research this using the contacts they have in the industry. CC asks about building materials. Chief states he hasn't looked into that yet, but would appreciate the committee's assistance for that. The Chief states the building committee has experts on it that have expertise in building these types of buildings.

CC mentions that the proper type of heating is a big first step. Tubing radiant heat is a great option. Solar resource is a limiting factor. There are several state and federal grants dealing with solar. CC knows people who have geothermal who are very happy with it. Chief states the Hollis, NH fire station has geothermal plus radiant heat and they are very pleased with it so far.

CC will look into grants and talk to Sandy about grants. MB asks if there will be a bidding process for the project. Chief: when we go out to bid we have to specify what type of materials we want. CC this is an opportunity for us to be money wise and material wise by possibly using recycled materials. Ultimately a mix of materials in the building, for example brick and mortar for one part and wood in other parts would be best. SD asks what you will do with the four empty buildings. Chief: the West Townsend station would likely be used by the State for their forest firefighting equipment that they currently store in the old station in the Harbor. The Fire Fighters Association is interested in a home for

their meetings and antique equipment and may be interested in 8 Elm Street. The current headquarters is prime commercial property and could be sold. The garage behind Town Hall will be used for storage. SD: would we be responsible for heating the empty buildings? Chief: 8 Elm Street has to be kept active cause that's where the alarm systems go through. Will the feasibility study have any energy issues in it? The Energy Committee would like to see the final feasibility study, if possible. SD gave the name of New England Breeze representative, Mark Durrenberger, who built worked with Harvard on their solar and also did a workshop.

6. **Discuss file structure for committee in Google Docs:** tabled.
7. **Discuss Goals & Objectives for 2013:** tabled.
8. **Next meeting: January 17, 2012 at 7:00pm**
9. **Adjourn**

SD motioned to adjourn at 8:20pm. TM seconded with all in favor.

Minutes taken and transcribed by: Karen Chapman