



Renewable Energy Committee  
July 19, 2011 - Minutes

'11 AUG 10 1:22PM

*K. Doherty*  
ORLEANS TOWN CLERK

Chair Mary Jane Curran called the July 19, 2011 meeting of the Orleans Renewable Energy Committee to order at 4:08PM in the Skaket Meeting Room at the Orleans Town Hall.

For Official Use Only

Present: Mary Jane Curran, Victor Noerdlinger, Chris Galazzi, Jim Hungerford, David Hubbard; Dick Philbrick; and Paul Rooker, Finance Com. liaison.

Absent; John Jannell, Conservation Dept.; Sims McGrath, BOS liaison.

Committee Outreach and Education - Mary Jane C. gave a short review of the informational event at the Council On Aging(COA) presented by My Generation. Andrew Wade gave a nice presentation on the current state of the solar panel status. Victor Noerdlinger, Mary Jane, Dave Hubbard, and past member Ken Rowell attended. About 20 attended the presentation.

Jim Hungerford will put together an article for the COA newsletter. Jim has tentative outline to send to Liz Smith of the COA. Needs to check on length, content, and space available.

Mary Jane C, has talked with Chris Powicki about participating in a co-sponsored event on alternative energy. Chris is very interested and has connections to assist in publicizing the event and getting together vendors to be part of the program. Currently planned for Wednesday, September 28<sup>th</sup> from 6:30-8pm at the Snow Library meeting room. We hope to invite vendors from solar panels, geo-thermal, small wind, solar hot water, etc. to participate. Alternative dates for the event are September 22nd or October 6th. Room at the Library holds approximately 120.

No news on updating an energy survey.

Mary Jane plans on getting together with Principal and teachers at Orleans Elementary School(OES) in early August to see about setting up a program with the school.

New Business; John Jannell, John Hodgkinson, Liz Argo, Mary Jane Curran, and Chris Galazzi met to discuss Orleans potential sites for solar projects through the Round Phase 2 CVEC solar initiative. One location is the Orleans watershed around the water treatment plant. John J. considers it an ideal location because the project would be behind the meter. The proposal will be presented to the Board of Water and Sewer Commissioners(BOWSC) for their consideration. If the BOWSC is agreeable the next step would be a presentation to the Board of Selectmen. The Town of Orleans electric usage is 1.2-1.7 MW. The water treatment plant uses about 60% of the total. Liz Argo has been contracted by CVEC to scout potential sites in each of the towns. Thus far, she has reported on following Orleans areas that might be considered for an installation

Orleans Elementary School - Roof needs to be replaced, not suitable at this time. Is there an opportunity for ground mounted?

Orleans Town Hall - Suitable and could accommodate a system of about 15KW.

Orleans Legion Hall - Small roof surface, opportunity for ground mounted?

Fire Hall - Not suitable because of roof and surrounding trees.

Nauset Middle School - Large roof area. There may be interest in a project. This is a Nauset Regional District school.

Nauset High School - There is approximately 140,000 square feet of roof space. Needs new roof. Superintendent and principal could make the decision on a project but this is a multi-town school so agreement among the other Nauset Regional district towns would have to occur. Such a decision is complicated since not all NRD towns are members of CVEC.

Tonn property - Not suitable because of slope. Additional info to follow.

Chris Galazzi reported on follow-up information from energy companies. Barago is interested in a municipal project and will make a rough estimate of a PPA or CPA

Solbridge Energy - Came back with a verbal quote for a 1.2 - 1.7MW project. Chris wants to get a written quote so the whole committee can look at and debate the projections.

Sustainable Energy Developments - Chris has not heard back from company. SED has suggested locating a 450KW wind turbine at the landfill/transfer station. There is a possible third party financing for the project.

Correspondence - None

Minutes for July 5th were approved

Victor N. handed out a Cape Cod Times op-ed by Robert Kennedy opposing the Wind Farm .

Adjourned at 5:06PM

A handwritten signature in cursive script, appearing to read "David L. Hubbard".

David L. Hubbard, Clerk