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ORLEANS TOWN CLERK

Orleans Renewable Energy Committee

Sept 11, 2014 Minutes

Chair Jim Hungerford called the meeting of the Orleans Renewable Energy Committee to order at 5:02 PM in the Skaket Meeting Room of the Orleans Town Hall.

Present: Paul Cass (PC) , Victor Noerdlinger (VN), Jim Hungerford (JH)
Jon Fuller (JF) BOS Liason
Joe Cardito (JC) Fin Com Liason
Ron Collins (RC) CVEC Liason
Liz Argo (LA) CVEC Project Mgr

Absent: David Abel

Chair Introduced Joe Cardito and Teresa Cochran (a potential new member).

(LA) gave a full description of the new FG Wind "offtaker opportunity" located in Plymouth MA. This consisted of a separate power point presentation. CVEC would like a decision from Orleans by Nov 17, 2014. Orleans will provide CVEC (via an RFP) with the amount of kWh we would like to request in the "offtaker proposal".

(RC) Stated that Orleans has very limited available land for additional PV arrays or wind turbines. An "offtaker opportunity" would be a good alternative to save the town some money. We need to develop a conservative estimate of our needs to present to CVEC and the other possible vendors.

The new DPW building, which is in the planning stages, will be built from prefab metal sections. The roof will not be suitable for the mounting of solar panels.

We briefly discussed a potential solar array project for the watershed. This would be a "behind the meter project". (RC) mentioned that the electrical power required for the many pumps needs to be of the highest quality (low distortion, stable amplitude, and consistant supply). The uncertainty of sunshine and the use of invertors, used in PV solar arrays, do not typically have this quality. In addition, there are Article 97 issues, and Zone 1 issues that all need to be cleared by DEP before we could start a solar project near the iron and manganese plant in the watershed. Based upon the above, OREC is terminating any discussion of solar arrays in the watershed.

(LA) over time Orleans energy usage needs will increase, but the town will learn to use energy more wiselythe two scenarios will probably balance each other.

Since the town will be holding a special town meeting in Oct, we need to discuss whether a new article will be required for a new oftaker proposal.

(JH) will contact John Kelly and Michael Ford to review this issue.

Not all items listed may in fact be discussed and other items not listed may also be brought up for discussion to the extent permitted by law.

(p): Materials distributed with meeting packet.

(m): Materials distributed at meeting.

The Capped Landfill construction has been completed, however N-Star has a long lead time to do the interconnection to the Grid. An estimate is another 4-5 months before we are generating electricity.

No additional correspondence

The minutes from 8-14-14 were approved by a vote of 3-0-0

The meeting was adjourned at 6:17 PM by a vote of 3-0-0

Respectfully submitted by Jim Hungerford (acting secy)

Jim Hungerford

3/25/14