

MARION ENERGY MANAGEMENT COMMITTEE

Meeting Minutes

27 June 2016

1. The meeting convened at 7:00 PM in the Town House Conference Room.
2. EMC attendees:

David Pierce	Norman Hills
Jennifer Francis	Jim Bride
Bill Saltonstall	Eileen Marum
Rob Fisher	
3. Others present: Shawn Luz
4. Minutes: the minutes for 23 May 2016 were approved with one correction.
5. Clean Energy Collective's partnership program:
 - Jen has tried to contact CEC about this program. She has received no response so we have to assume that this will not happen.
6. Green Community topics:
 - Energy Insight program still stalled by the consolidated billing problem.
7. Benson Brook Solar Garden (capped Landfill):
 - Jen noted that she would talk to Senator Pacheaco to determine if we could use another substation. Bill will investigate how the Burr Brothers solar install on Benson Brook Road was able to connect to the power grid.
8. Tucker Road Solar Project:
 - Work is in progress.
9. Other topics included:
 - Future Generation Wind project – Bill reported that the first turbine is supposed to start generating electricity this week. Transformers are still needed for the other three and they are due in August. He estimates that Marion can expect a 30% savings in electricity costs once all the turbines are online, that could result in a \$5M to \$6M savings over 20 years. Jen suggested that when we start receiving the reimbursement check that we recommend to the BOS that a percentage be set aside for energy conservation projects.
 - LED street lights – Rob has finished his inventory of the installed street lights compared with the Eversource list. He found some missing and some extras, it is hard to tell if we win or lose. He will write a report for Judy Mooney.
 - Solar Installations on Residential and Commercial roofs – Eileen provided an update to her paper discussing the concept of requiring solar installations on roofs. Members should read it for discussion at the next meeting.
 - Electric cars – Jen reported that Marion has been approved for three more cars and two charging stations, a real fast turn around. We have four bids to consider and it looks like we will be getting three 2015 BMW I3s for less than the amount of the grants. David suggested that we have press release when the contract is awarded. Discussion addressed charging the public to use the charging stations and Shawn noted that as part of the grant

that is not allowed. Separately, we have submitted an application to have the Nissan Leaf in the 4th of July parade. Jen has developed a sign for the car and expects to have some additional decorations. Rob has been able to obtain 300 LED light bulbs for us to hand out.

- Other towns – Shawn Luz the Dartmouth Town Energy Czar attended the meeting. Discussions addressed the following:
 - They have six electric cars, two at the Police Department
 - They are using two different energy companies to do energy audits, so far have done 13
 - They have been doing LED lighting retrofits using a town funded Energy Efficiency Fund. Estimate that the LED light change at the Library will save 32 kWhr per year
 - LED street lights should have a color temperature of 3000
 - Besides lighting, they have been focusing on boiler replacements and control systems updates
 - They have eight major solar farms (28MW) on as-of-right zoning that is restricted to Industrial and General Business zones. Two of the farms sell their electricity to the Town which then sells what they don't use. They offset 100% of the town electricity use and expect to save over \$30M over the 20 years of the contract
 - They tried for Green Community certification but the Stretch Code has been a stumbling block in the past. They are planning a Stretch Code workshop on July 25 to educate builders on the new Stretch Code requirements because it is easier to comply with than the Base Code. Seth Pickering will be presenting. David requested that he provide us the information about the workshop in case some members can attend
 - They have been using Mass Energy Insight and it has been helpful.
- Eileen noted that New Bedford has been recognized as the number one city in the country for solar energy on a per capita basis.

10. Energywise articles – not discussed

11. Meetings for 2016 schedule: 25 Jul, 22 Aug, 26 Sep, 24 Oct, 28 Nov.

12. Meeting adjourned at 8:28 PM.

Respectfully,


Norman Hills

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