

MMR ENERGY COMMITTEE MEETING MINUTES

Date: 14 Sep 2010

Time: 2-3:30 pm

Location: Bldg 322, East Inner Road

Agenda:

1. Solar PV Landfill Project Concept - Rose Forbes/Maggie Downey
2. Energy Awareness Month - Rose Forbes
http://www1.eere.energy.gov/femp/services/energy_aware.html
3. Update on MMR projects:
 - USCG - David Tessicini/Elizabeth KirkPatrick
 - ANG projects - Bob Blair/John Silva
 - MA ARNG - Jim Oliveto
 - E&RC - Annie Palmer
 - PAVE PAWS - Steve Mellin
 - AFCEE wind turbine project update - Rose Forbes
 - VA - Greg Boehm
 - USDA geothermal project - Rose Forbes
 - Mass Development - Carter Hunt
 - Sr Env Corps - John Braziers
4. Flo-Design Prototype Test - Orlando Martinez
5. Met Tower License Renewal - Orlando Martinez

Attendees: See attached distribution lists (Attachment 1)

1. Solar PV Landfill Project Concept – Maggie Downey from the Cape and Vineyard Electric Cooperative (CVEC) gave a briefing (Attachment 2) on the CVEC and its potential to assist MMR with a solar photovoltaic (PV) project on the base landfill cap. The landfill is on Commonwealth of MA property but is leased to the Air Force and licensed to the Air National Guard (ANG). AFCEE manages the landfill and cap as part of the Installation Restoration Program. The ANG is interested in being a proponent for the solar PV project on the landfill. Maggie stated the project would likely work best as a lease agreement and that if the MMR was interested, she would discuss with the CVEC Board of Directors during their executive session. If the Board found the project worth considering, Maggie would send a letter of interest to the ANG. Bob Blair mentioned the project and letter would require legal input.

Carter Hunt made a motion: “The MMR Energy Committee should endorse the concept of a solar photovoltaic project on the base landfill and encourage the ANG as the proponent to work with CVEC.” Paul Nixon seconded the motion. All in attendance were in favor of the motion.

2. Rose mentioned next month (Oct 2010) was Energy Awareness Month and provided a website for energy-related materials.
3. The base agencies provided updates on their energy-related activities.
 - a. The USCG continues to conduct energy audits and is considering participation in the Energy Demand Reponse Program.
 - b. ANG new building construction is incorporating energy efficiencies
 - c. MA ARNG was not in attendance
 - d. E&RC had no update

- e. PAVE PAWS is in the planning stages of a wind turbine project.
- f. AFCEE wind turbine project public comment period for the Environmental Assessment (EA) ended on 7 Sep 2010; comments received from various agencies. The design/construction process is underway.
- g. VA wind turbine (50 kW) is installed and new building construction is considering energy efficiencies.
- h. USDA is still considering using AFCEE's treated water as a geothermal source for its HVAC system and for nonpotable uses.
- i. Mass Development had no update
- j. Sr. Environmental Corps was not in attendance.

4. Orlando Martinez (Mass Clean Energy Center [CEC]) updated the Committee on the license extension for the met tower in the cantonment area. Based on a USCG request, Orlando is preparing a letter to extend the license for the met tower for another year (30 Nov 2010 through 30 Nov 2011).

5. Orlando Martinez also updated the Committee on the Flo-Design Wind Turbine. He said the turbine was developed in MA and the company was looking for a few locations to test the 152 ft high prototype. The company requested MMR as one of the test sites; however, given their desired timeframe and issues with base leases, they decided to look elsewhere. Orlando is assisting the company with locating other test sites.

6. Next Energy Committee meeting is scheduled for 17 Jan 2011 at 2 pm. Agenda will Cape Light Compact Program Review, a discussion on a real-time wind monitoring project, and agency updates.

7. Please contact Rose Forbes at 508-968-4670 x 5613 (rose.forbes@us.af.mil) if you have any questions, comments, or suggestions about these minutes, ideas for the next meeting's agenda, or the MMR Energy Committee.

2 Attachments:

- 1. Distribution/Attendee Lists from 14 Sep 2010 Meeting
- 2. Maggie Downey's presentation