

MMR ENERGY COMMITTEE MEETING MINUTES

Date: 04 Aug 2009

Time: 2:00-3:30 pm

Location: Bldg 322, East Inner Road

Agenda:

- Cape Light Compact Update
- Update on State/Base Wind Initiative
- Base Solar Projects
- Update on Organization Projects
- Senior Environmental Corps Initiative
- MMR Alternative Energy Planning Policy

Attendees: See attached distribution list

1. In addition to the regular members of the MMR Energy Committee, two guests attended the meeting: Cadet Stanley Gorselnik from the United States Military Academy, West Point and Mr. Orlando Martinez from the Massachusetts Renewable Energy Trust (MRET).
2. Rose Forbes (AFCEE) noted that the Cape Light Compact (CLC) has renewed interest in assisting the MMR with energy conservation projects. Some of the projects are done at no charge; however, in some cases the CLC requests a contribution toward the total cost. Rose encouraged Committee members to contact CLC for energy audits if they haven't already done so. Elizabeth Kirkpatrick was unable to attend the Energy Committee meeting as she was conducting energy audits with the CLC. Their initial audit was focused on electrical use of nine to ten buildings.
3. Mr. Orlando Martinez is the MRET project manager for the State/Base Wind Initiative. He stated that the group has evaluated site access and property control and issued a plan for development of the wind turbine project. In support of the plan, Mass Development issued a Request for Proposals (RFP) to solicit potential contractor interest in preparing an Environmental Baseline Survey (EBS). Mr. Martinez indicated MRET was evaluating up to 17 wind turbine locations; 5 near PAVE PAWS and 12 in the southern cantonment area. The 17 locations are currently being evaluated by PAVE PAWS and FAA. Barbara Burnett

from PAVE PAWS indicated that PAVE PAWS was close to issuing a memo on their evaluation of the 17 turbine locations.

In addition, Mr. Martinez noted there are plans to install a meteorological (met) tower to collect wind data in the fields near Hunter Avenue and that he is working on access and approvals for the installation. Rose Forbes asked if the plans for the met tower included evaluation of additional anemometry, SODAR, and LIDAR for wind data comparisons. Mr. Martinez said there would be a conference call to discuss the additional testing but he did not want to delay the installation of the met tower, noting that any new instrumentation would have to be reviewed by PAVA PAWS. Paul Nixon inquired about the possibility of using the existing met tower located in the northern part of the base. Mr. Martinez indicated that it is possible; however, upgrades such as new anemometers and new metering, are required.

4. Rose Forbes mentioned George Smith had been in contact regarding the potential solar/photovoltaic (PV) projects on the base. She asked the Committee members if they were interested in having George return to the Committee to provide an update on the status of PV technology and funding mechanisms. The Committee members indicated this would be acceptable.
5. Arthur Neill from the Senior Environmental Corps (SEC) provided an overview of their potential involvement in assisting MMR with energy conservation projects. He mentioned the SEC could become involved with energy audits in conjunction with radon testing as one idea. He will be meeting with his group in September to discuss further involvement with MMR.
6. Brian Nickerson wanted to review the MMR Alternative Energy Planning Policy; however, not all of the necessary Energy Committee members were in attendance. Rose indicated she would place the subject on the September meeting agenda and provide more time for the topic.
7. Next meeting: The next energy committee meeting will be held 15 September 2009 from 1:30 to 3:30 pm in Bldg 322, East Inner Road. Potential agenda items include:
 - Spire Solar presentation

- NORESCO Energy Program Management and ESPCs presentation
 - MMR Energy Planning Policy Review
 - a presentation by Dragin drilling on geothermal energy
 - a presentation by an alternative power supplier called Sustainable Energy Analytics
 - Opportunities with National Grid Energy Program
 - discussion on Smart Grid
 - Goals for the MMR Energy Committee
 - Update on MMR agencies' energy audits and conservation initiatives
8. Please contact Rose Forbes at 508-968-4670 x 5613 or email rose.forbes@brooks.af.mil if you have any questions, comments, or suggestions about the minutes, next meeting's agenda or the MMR Energy Committee.