

**11 May 2010 MMR ENERGY COMMITTEE MEETING SIGN IN SHEET**

<b>NAME</b>	<b>ORGANIZATION</b>	<b>PHONE</b>	<b>EMAIL ADDRESS</b>	<b>Present?</b>
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Paul McFarland	VA Cemetery			N
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## MMR ENERGY COMMITTEE MEETING MINUTES

Date: 11 May 2010

Time: 1-2:30 pm

Location: Bldg 322, East Inner Road

Agenda: Agency Updates and Geothermal Presentation

Attendees: See attached distribution lists (Attachment 1)

### 1. Update on MMR projects:

- AF/Army Wind Turbine Project.
    - i. JOG approved wind turbine project pending FAA/PAVE PAWS reviews/approvals.
    - ii. Of the four locations submitted by the AF/Army to FAA, one location has a determination of no hazard and three have a presumed hazard. Of the three with presumed hazard, one is buildable if lowered by 10 ft. The other two are being negotiated with FAA.
    - iii. Archeological survey conducted at four proposed turbine locations. No artifacts were found.
    - iv. EA is being finalized and will be submitted for 30 day public comment period in June 2010
    - v. AFCEE held a site visit on 6 May with construction contractors interested in bidding on the wind turbine RFP. Proposals are due on 1 June and award is anticipated in July 2010.
  - USDA Geothermal Project – The USDA is proceeding with plans to tie into the treated effluent line from the CS-10 system. They will be using the treated effluent for their HVAC and nonpotable water needs.
  - Solar Photovoltaic (PV) Landfill Project – EPA/DOE are preparing a Feasibility Study for assessing PV on the closed base landfill. A Site Visit Report and a Workplan have been prepared (Attachment 2). Feasibility Study is expected to be completed in Summer 2010. If solar PV is a viable technology, 102 IW/CE is interested in pursuing a developer-based project.
  - 102 IW ANG Projects – ANG is evaluating geothermal and solar PV projects.
  - PAVE PAWS Project – PAVE PAWS is working on a constructability assessment for two wind turbines behind their facility. PAVE PAWS is also installing new chillers that will be more energy efficient than the existing ones.
  - Sr Env Corps Projects – No representatives were in attendance to provide an update.
  - VA Wind Turbine – No representatives were in attendance to provide an update.
  - USCG – An update will be provided at the next meeting
  - MA ARNG – Contracting is working on projects through Cape Light Compact to upgrade electrical system in four buildings in the 1200 area.
2. Kevin Maher from Thermonexus gave a presentation on geothermal energy (Attachment 3). Kevin has almost 30 years experience working at MMR. He was involved with the environmental drilling program that helped locate and define the groundwater plumes. He recognizes the geothermal energy potential in the groundwater resource at MMR and is encouraging the agencies to take a look at this “third” form of renewable energy.

3. Please contact Rose Forbes at 508-968-4670 x 5613 ([rose.forbes@us.af.mil](mailto: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.

3 Attachments:

1. Distribution/Attendee Lists from 11 May Meeting
2. NREL DOE Solar Site Visit Report and Workplan
3. Thermonexus Geothermal Energy Presentation