

MMR ENERGY COMMITTEE MEETING MINUTES

Date: 15 Feb 2012

Time: 2-3:30 pm

Location: Bldg 322, East Inner Road

Agenda:

My Generation Energy Presentation – Solar Project Adjacent to MMR

MMR Solar Projects Update – Col Mullen and Carter Hunt

Falmouth Request for Wind Turbines at MMR – Rose Forbes

Update on MMR projects:

USCG - Elizabeth KirkPatrick
ANG - Bob Blair, Col Mullen
MAARNG-CFMO - Jim Oliveto
MAARNG-ERC - Paul Nixon
PAVE PAWS - Steve Mellin
AFCEE - Rose Forbes
VA - Greg Boehm
USDA - David Mills
Mass Development - Carter Hunt
EMC - Mark Begley

Next Meeting

Attendees: See attached distribution list (Atch 1)

1. My Generation Energy. Luke Hinkle (President) and Chris Bailey (Director of Project Development) presented a proposed solar array project located adjacent to the northwest boundary of MMR (see attached figure for proposed location). Luke and Chris refer to the project as a community solar garden with a business model that allows for residents to purchase renewable energy at a reduced cost compared to residential utility rates. The solar array will use approximately 9 or 10 acres and will be approximately 2 MW (approximately 1 MW per 5 acres). Luke and Chris explained the pole they need to interconnect their project to is located on the base within an NSTAR easement and they were requested access to the pole through the MMR fence. The Energy Committee was unsure of the base approval requirements since the point of interconnection was part of an NSTAR easement; however, the Committee indicated that Joint Oversight Group would need to approve any access through the fence. Mark Begley offered to coordinate this access request with the base commanders.

2. MMR Solar Project Updates – Carter Hunt briefly mention a solar project he was involved with at the MMR. He stated the location under consideration is near the old schools on the base and that the solar project idea was very preliminary.

3. Falmouth Request for Wind Turbines at the MMR - Rose Forbes mentioned the rumors about the Town of Falmouth moving their turbines to the MMR. She said it was important for the Energy Committee members to understand that moving the two 1.65 MW Vestas turbines from the Town of Falmouth wastewater treatment facility was only one of several options being evaluated by the Town of Falmouth to address the issues related to the wind turbines.

4. Update on MMR projects: There was not enough time for all agencies to discuss their energy related projects. A few were mentioned as follows:

- a. The USCG is interested in a solar project near the met tower along Hunter Avenue.
 - b. There is a contract for energy improvements at the wastewater treatment plant.
 - c. PAVE PAWS wind turbine project was approved. A prior energy conservation measure to replace the chillers has reduced utility costs by about \$1000 per day.
 - d. LEED Silver construction ongoing; includes daylight tubes, new chillers, etc.
 - e. Energy audit being conducted at the Bourne Armory; Matt McKay (E&RC) is the lead.
5. Next Energy Committee meeting was not scheduled. Rose said she would schedule the next meeting depending on future agenda items.
6. 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 15 Feb 2012 Meeting
2. Figure showing proposed location of My Generation Energy Solar Garden

15 FEB 2012 MMR ENERGY COMMITTEE MEETING SIGN IN SHEET

NAME	ORGANIZATION	PHONE	EMAIL ADDRESS	Present?
Capt John Carney	Camp Edwards FE	508-968-5837	Jonathan.w.carney@us.army.mil	N
Mark Begley	Env Mgmt Comm	508-968-5127	Mark.begley@state.ma.us	Y
Robert Blair	102 IW/CE	508-968-4238	Robert.blair@ang.af.mil	N
Greg Boehm	VA		Gregory.Boehm@va.gov	N
Kurt Carlson	USCG Air Station	508-968-6673	Kurt.a.carlson@uscg.mil	N
T. Robert Deane	102 IW	508968-4671	Thurman.deane@ang.af.mil	N
MAJ Christopher Dugre	AASF1	508-968-5216	Christopher.dugre@us.army.mil	N
Rose Forbes	AFCEE	508-968-4670 x 5613	rose.forbes@us.af.mil	Y
Paul Garbacik	BCCF	508-563-4460	pgarbacik@bsheriff.net	N
Carter Hunt	MassDevelopment	508-563-2785	chunt@massdevelopment.com	Y
John Kelly	E&RC	508-968-5848	john.kelly19@us.army.mil	N
Elizabeth Kirkpatrick	USCG	508-968-6696	Elizabeth.L.Kirkpatrick@uscg.mil	N
Paul McFarland	VA Cemetery			N
Matt McKay	E&RC	508-968-5908	Matthew.mckay1@us.army.mil	Y
Steve Mellin	6 SWS/MA	508-968-3213	stephen.mellin@capecod.af.mil	Y
David Mills	USDA	508-563-9303x256	David.Mills@aphis.usda.gov	Y
Col Tim Mullen	102 IW		Timothy.mullen@ang.af.mil	N
Arthur W. Neill	Sr. Environ. Corps	508-968-5125	arthur.neill@esci.org	N
Michael Netto	102 IW/CE	508-968-4781	michael.netto@ang.af.mil	N
Manny Neves	102 IW/CE		Manuel.neves@ang.af.mil	N
Paul Nixon	E&RC	508-968-5620	paul.nixon@us.army.mil	Y
Jim Oliveto	DFE, CPEDUS	508-968-5163	James.oliveto@us.army.mil	N
John Silva	102 ANG	508-968-4405	John.silva@ang.af.mil	N
Bill Sullivan	E&RC		william.g.sullivan@us.army.mil	N
Sky Wires	102 IW LRS/VM	508-968-4739	Schuyler.wires@ang.af.mil	N
Dave Hill	IAGWSP	508-968-5621	David.l.hill2@us.army.mil	N
GUESTS				
Chris Bailey	My Generation	508-259-3408	Chris.Bailey@MyGenerationEnergy.com	Y

Luke Hinkle	Energy	508-259-3408	Chris.Bailey@MyGenerationEnergy.com	Y
	My Generation Energy			



Canal

BOURNE BRIDGE

EMERSON AVENUE

UNNAMED ROAD

ROUTE 28 CONNECTOR

VETERANS WAY

SANDYLANE

WATERHOUSE ROAD

SURREY LANE

WATERHOUSE ROAD

HARBOR LIGHTS ROAD

A-DEEP
BOTTOM
BOG

EASE
ELEC-3

ELEC-4