

Green Community Topics
Energy Committee Meeting 02/15/2018

- Consider Rooftop PV potential - Public Safety Building
 - Determine USDA Approval (potentially conditional upon structural analysis)
 - Roof Load Structural Analysis – PE (estimated \$2K)
 - Chris Vreeland – Aaron Simms (SunBug) recommendation
 - Have required architectural drawings and original structural certification data
 - Star Building System (prefab metal frame manufacturer)
 - Probably won't meet current (9th edition) Building Code, even w/o considering air cleaner additions
 - Procurement – RFP versus Bid Specification
 - Leverett example of Ground Mount PV procurement using RFP
 - Hawley example of rooftop PV Bid specification
 - New FO facility being added to plot – separate building, new meter
- Highway Garage Insulation ECM
 - Guardian Energy - audit visit Dec 13 with BE Retrofit weatherization subcontractor
 - Brad Airey proposals Feb 6:
 - Fiberglass batt insulation (roof 8", walls 5.5"), Overhead door weather stripping upgrade.
 - Walls and Ceiling = \$99,979. / Walls only= \$54,038
 - Option: Insulate roof from top in conjunction with new roof
 - MMC Specialty Roofing proposal (via Jeff Prost) \$45,300 for 1.5" polyisocyanurate insulation / EPDM membrane roof
 - GC funds can be used for cost of insulation portion
 - Energia agrees to supply a "wall only" proposal using rigid foam board vs sprayed foam

- META Grant (\$12,500) to fund Level II audits of remaining buildings

Hallock Building	\$ 3,150
Hathaway Hall	\$ 2,550
Town Hall	\$ 2,350
Public Safety Building	\$ 3,350
Total	\$11,400

- Bowman completed Hallock and Town Hall buildings walk-through Feb 13
- Building drawings
 - Hallock Building : Jeff Prost – recently drawn
 - Public Safety Building : As-built architectural set scanned and printed.
 - Town Hall, Hathaway Hall/PD: Not currently available
- UMASS Clean Energy Center Site Assessment
 - Engineering students perform building audits (Prof. Ben Weil guidance)
 - Plainfield scheduled April 11, 1:45 PM. Hallock/Town Hall/ Hathaway Hall, subject to time avail
 - Students benefit from experience, Town gets Ben Weil advice
- LED Lighting Upgrades – World Energy
 - Walk-through of each facility with Project Manager completed Jan 15.
 - Invoices for 50% deposit received/approved Feb 2.
 - Next Steps
 - World negotiating with local electrical subcontractor (Marney).
 - World provides estimated completion date.

- Designation Grant Accounting

Grant	\$ 137,575	
Expended	\$ (2,550)	Highway Garage Level II Audit
Committed	\$ (18,449)	LD Lighting Upgrades Town Hall, Hallock Building, Public Safety (exterior)
Available	\$ 116,576	