

Meeting Minutes, Wayland Energy Initiatives Advisory Committee 12/08/2015; 7:30 pm
Approved 2/9/2016, 3-0

Attendees:

Name	Association	Name	Association
Ellen Tohn	Energy Comm	John Harper	Energy Comm (A)
Bill Huss	Energy Comm	Corinne Lenk	Energy Comm (A)
Anne Harris	Energy Comm	Harvey Michaels	Energy Comm
Ben Keefe	Energy Comm		

Absent members: Tom Sciacca

Location:

Wayland Town Building, school committee office

Minutes:

Resiliency

- Next step is to sign MOA with MAPC
 - Revisions have been requested to MOA standard template
 - When revisions are incorporated, Ben will take the MOA to Nan Balmer for signature for the Town
- Need to break up project into procurement phases for the MAPC / DOER grant rules
 - Project is classified as a public works effort (30/30M rules)
 - Procurement phases are : design phase, construction phase
 - Coordination with Ameresco will be required for any contractor as Ameresco is executing the solar project
 - MAPC will take the lead on drafting the wording for the design procurement RFP for the Town
 - Ben anticipates that resiliency related construction will roll into the solar project's timeline and not impact the solar project's duration
 - Discussion on future battery storage options

Street lights

- Cherry to take the lead on putting together an execution strategy meeting around January with attendance by relevant Town authorities to decide on if Town wants to pursue buying the street lights from Eversource and swapping the fixtures with LEDs
 - Example → Weston project to replace lights with high pressure sodium : \$150 / fixture per year in energy ... \$20 / fixture to retrofit to high pressure sodium (taking into account \$55 / fixture rebate from Nstar) ... Town meeting to approve funding to execute replacement but rescinded the amount because energy savings in first 4 months covered amount of the funding ... Weston is enjoying lower street lamp operation costs with no money out for the replacement effort
 - Evidence supports that this replacement effort is possible within a single year's budget
 - Evidence that other towns (Weston, Lincoln) include both the Public Works Director and the Public Buildings Director together to execute this work as scope may be shared between departments (even though lights are not a building)
 - If Town concurs that this project is worthy, assign a liaison to work with the Energy Comm to execute the project by pursuing an RFP for the effort to replace the lights
 - If Town concurs that this project is worthy, determine if an article need to be developed for warrant
- Wayland has a total of 730 street lamps
 - Wayland's lights are of various types: incandescents, low and high pressure sodium, mercury vapor, LEDs from Eversource's pilot program
- Town has a verbal promise that Eversource will provide lights at \$1 each but Bill is pushing for a P&S document from Eversource to finalize pricing
- MAPC is putting together a procurement for LED street lights in which Wayland could participate
 - This option may be more involved (in depth engineering study, specialized light fixtures) than the Town wants

- MAPC project may require initial funding to cover the engineering study which would require Town meeting approval
- Any warrant article required to support the purchase of Town's lights and swapping the fixtures to LEDs would have to be submitted by Jan 11
- Eversource plans to include an LED rate in their next rate case as the swap to LED fixtures is expected to become industry standard
- Argument for the Town to pursue owning own lights and swapping to LED bulbs should consider the argument that Eversource's maintenance costs may be higher than what maintenance would cost the Town if the Town owned the lights
- Need to confirm that no additional insurance or limited additional insurance would be required by the Town if the Town purchased the street lights from Eversource
 - Town is capped at \$100K for liability under state law
- Anne to provide energy costs per fixture and in aggregate to present at proposed January meeting
- Street lights are not on meters
 - Must verify that Eversource is charging properly if Town purchases and/or upgrades lights
 - May require a consultant's support to verify Town is being billed correctly
 - 4200 hours per year per fixture was used in Wayland's 2012 assessment of costs of street lights
- Committee's recommendation is that there is somewhere between \$50 – 100K of savings possible and there is good history from neighbor towns that outlay for retrofit costs is covered in the same year due to energy savings
 - Committee recommends pursuing both the MAPC procurement in parallel with an RFP for a contractor to execute the replacement for Wayland then go with the option which presents the best package for the Town
 - Town meeting to vote to decide on if it is best to own the lights or not
- Ellen moves that the Committee authorize Bill and Ellen to work together to draft, if needed, a Warrant article to enable the Town to take the next steps in procuring street lights
 - Harvey seconds
 - Unanimous vote in favor (4 - 0)

National Grid efficiency grant application deadline has passed and the opportunity to participate has been overcome by events

- Grant is focused on getting residents to participate in a home energy audit
- Execution could be managed by Next Step Living for the Town
- Committee may be interested in this grant if it is reissued by National Grid in the future

ESCO Status

- New control systems are in both the elementary schools and the middle school
 - Issues with tuning the new control system are being worked out
 - Potentially will replace valves that were not replaced as part of the ESCO to fix issues
- Project execution is largely complete
- Ellen notes that at Spring 2016 Town Meeting, the Committee will need to present results to the Town to show how the ESCO has reduced energy usages
 - Ameresco will provide an energy savings report one year after completion of project
 - Discussion on presenting data on energy savings in terms of dollars not spent

Municipal solar projects

- Still planning trenching works during April school breaks and summer construction effort
- Discussion on installation at Town Buildings

Ellen moves that meeting minutes from 10/14 be approved

- Bill seconds motion
- Unanimous vote in favor (4 - 0)

Anne presents chart from Green Communities grant follow up paperwork put together by Anne and Maggie

Next meeting to be scheduled for 01/12

Meeting adjourned 9:25 pm