

Town of Harvard Energy Advisory Committee

BRIAN SMITH – CHAIR
DAVID FAY
FORREST HODGKINS
PETER KELLY-JOSEPH
ELLEN SACHS-LEICHER

ASSOCIATE MEMBERS:
STUDENT MEMBER:
LIAISONS:

OPEN
OPEN
KARA MINAR, SELECT BOARD
SUSANMARY REDINGER, SCHOOL COMMITTEE
SUSANMARY REDINGER, CAPITAL PLANNING
TBD, FINANCE COMMITTEE
GUY HERMANN, PERMANENT BUILDING COMMITTEE

Meeting Minutes 8/10/22

Attendees: B. Smith, D. Fay, F. Hodgkins, P. Kelly-Joseph, E. Sachs Leicher
K. Minar (late), S. Redinger; G. Hermann
Guests: Residents: Carl Sciple and Pat Jennings

Location: **This Meeting was held virtually in accordance with Chapter 20 of the Acts of 2021, An Act Relative to Extending Certain COVID-19 Measures Adopted During the State of Emergency and signed into law on June 16, 2021**
Zoom Meeting ID: 867 8712 4269

	Meeting Discussion/Status
Admin	1. HEAC approved the minutes of 7/13/22 4-0 without comment.
Schools	1. HES Solar 260 kW DC Behind the Meter project – a. Need NGRID bill to report actual usage instead of calculated. – no change; Town owes \$47k to NGRID. 2. The Schools are contracting an overall assessment is planned for the Bromfield School. SusanMary stated the goal is to include an energy portion of the building and systems review. – no change
Energy Initiatives	1. Net Zero Emissions Plan (Decarbonization) – Funded by DOER/MRPC and performed by John Snell. Municipal Buildings/Operations – This is a roadmap for the Town to achieve net-zero emissions by 2050. a. Latest draft (4/11) of the Municipal Decarbonization plan – No comments discussed. b. Latest draft (5/22) of the Community Decarbonization plan – No comments discussed. c. Review with Town stakeholders – next review TBD. Note that the HCIC Climate Plan public forum is planned for 9/8. There was a stakeholder meeting 8/3 for the Transportation goal review. 2. CCA for residential energy supply – Plan expires in Nov 2022. Marie Sobalvarro is working with Colonial Power for a one-year term with 100% renewable default. 3. Select Board report – The quarterly update to the Select Board is schedule for 8/30/22. The Select Board has 2 green initiatives for PV systems expected to provide additional revenue to the Town.
Town Energy Project Updates	1. Green Community Program a. GC2021 Spring Competitive grant approved award received for the projects below managed through Energy Conservation Inc. i. Library Weatherization – Delayed due to COVID on the crew. Updated finish date expected 8/12. ii. Invoices to be paid, DOER inspection and Final Report required to be submitted by end August. b. Future Projects – To be proposed by end Sept. Ideas i. Classroom Ventilators – question due to future Electrification plan. ii. Electrification plan changes – no plan yet. iii. Charging Station – limited incentive; need to combine with other sources. iv. Vehicles – (2) for Police in next two fiscal years. v. Sewer Treatment plant? vi. Pond Pump vii. Bromfield Transformer project proposal from 2021. c. DOER issued a proposed Climate Leaders program for Green Communities that make an elevated commitment with higher incentives.

Town of Harvard Energy Advisory Committee

BRIAN SMITH – CHAIR
DAVID FAY
FORREST HODGKINS
PETER KELLY-JOSEPH
ELLEN SACHS-LEICHER

ASSOCIATE MEMBERS:
STUDENT MEMBER:
LIAISONS:

OPEN
OPEN
KARA MINAR, SELECT BOARD
SUSANMARY REDINGER, SCHOOL COMMITTEE
SUSANMARY REDINGER, CAPITAL PLANNING
TBD, FINANCE COMMITTEE
GUY HERMANN, PERMANENT BUILDING COMMITTEE

Meeting Minutes 8/10/22

	<p>2. Charging Station – Possible locations are listed below. A visit to screen additional locations is being coordinated by Brian between ECI and Jeff Hayes. – Brian to review results with ECI.</p> <ul style="list-style-type: none"> a. HES – SusanMary stated that there is a need for another charger next to the existing charger. ECI states that there is room in the existing conduit for one additional dual charger but need to confirm there are breakers available. b. Library – Input from Library Trustees – prefer location at end of parking lot away from building; may require new service; facilitates standard or fast charger. – ECI proposes to put charger in lower (TBS) lot. c. Bromfield – The spots by the courts are closest to the electric panels for connecting the charger conductors. Some prefer to have it be in front and be more visible. d. Town Hall – limited spots but supported by Town. e. Other areas – Harvard Park (track); commercial district? f. Fire/Police stations – Need fast chargers. g. COA – Tim Bragan stated that this is not an acceptable location because they do not want to lose handicapped spaces. <p>The MA state EVIP program should provide 100% of the funds required for the equipment and installation, for publicly available chargers.</p> <p>3. Streetlights – Next step is to evaluate a sample light installation in the historic district. David requested National Grid to install a sample fixture. The test fixture was installed in the wrong location.</p> <ul style="list-style-type: none"> a. Carl Sciple and Pat Jennings of Fairbanks Street requested an update of the progress of moving the test fixture or reducing the brightness. David Fay is expediting a response from the new NGRID Account Manager, Brandie Long. Brian to escalate with Sean McGloin of NGRID. b. The Historical Commission had a public hearing about the lights earlier in the year. Goal is to have a full range of options about type of fixture/light and location for the Town to consider. – Current options are lower wattage or shading for the light. Focus on lower wattage. c. Residents can request to the Town Administrator that a specific streetlight be removed. <p>4. Vehicles – Possible vehicles to replace with electric – Fire/Police: Ford Explorers (5), Dodge Chargers (2) F150 (1). Green Community may offer \$10-15k toward a replacement vehicle.</p> <ul style="list-style-type: none"> a. Vehicle Hybrid Police Car grants and rebates – Peter to review with Chief Babu. This will include any Green Community incentives. May need to delay payment of the vehicle approved for this year until Fall. Brian to send details about the GC grant to Peter. Goal is to include 2 vehicles for the application. Call set up with DOER, Chief Babu, Brian Smith, and Peter Kelly-Joseph for 7/15 to explain the grant process. b. Fleet Electrification – Forrest is working with Town staff to identify the vehicle inventory and usage information for the NGRID Fleet Advisory program consultant ICF. <p>5. Solar (Photovoltaic) Strategy – HEAC is evaluating potential of several locations:</p> <ul style="list-style-type: none"> a. Public Safety Building – Define by summer 2022 for the FY24 Capital plan. HEAC to investigate procurement strategy with Marie Sobalvarro. Next actions: <ul style="list-style-type: none"> 1. Investigate PPA/Lease vs Own.- PPA is marginal. 2. Evaluate Interconnect impact with NGRID. 3. Evaluate with the solar readiness of the building/roof - acceptable b. COA Building – <ul style="list-style-type: none"> 1. A decision needs to be made about direct purchase or PPA. This project will be
--	--

Town of Harvard Energy Advisory Committee

BRIAN SMITH – CHAIR
DAVID FAY
FORREST HODGKINS
PETER KELLY-JOSEPH
ELLEN SACHS-LEICHER

ASSOCIATE MEMBERS:
STUDENT MEMBER:
LIAISONS:

OPEN
OPEN
KARA MINAR, SELECT BOARD
SUSANMARY REDINGER, SCHOOL COMMITTEE
SUSANMARY REDINGER, CAPITAL PLANNING
TBD, FINANCE COMMITTEE
GUY HERMANN, PERMANENT BUILDING COMMITTEE

Meeting Minutes 8/10/22

	<p>coordinated with the Permanent Building Committee. – Guy Hermann explained there will be a subcommittee formed for this PV solar project and include an HEAC member, David Fay.</p> <p>c. Stow Road Gravel Pit — Solect considers this an attractive project for a PPA because of the large size and geography. SB Initiative #2. Pending proposal from Solect.</p> <p>d. Bromfield – Solect evaluated installation of parking lost canopies and considers this a low potential for a PPA project due to the size and costs.</p> <p>7. Town Energy Assessment – Tim Bragan requested that HEAC coordinate an energy assessment of Town Facilities with Jeff Hayes. This is a requirement for certain grants. Forrest Hodgkins and David Fay to take the lead on this effort.</p>
Membership	No update.
	Meeting adjourned 9:40 pm (voted 5-0).
Future Meetings	2022: Sep 14, Oct 12, Nov 9, Dec 14 HEAC Meeting Location/Time: 8 pm. – Virtual until further notice