

## GREEN ENERGY COMMITTEE ACTIVITIES LIST

Some activities to date include:

- Energy audits in all municipal buildings
- Energy upgrades to municipal buildings, including:
  - Town Hall
    - Installation of insulation
    - Installation of an energy-efficient furnace
    - Outdoor lighting upgrade
    - Installation of a 9kW solar photo-voltaic (PV) system
  - Hampton Elementary School
    - Installation of a grant-funded Solar Thermal system. The output of the solar hot water system can be monitored by clicking [HERE](#).
    - Installation of a 9kW PV system, partially funded through the EnergizeCT Clean Energy Communities program. The electrical production of this system can be monitored by clicking [HERE](#).
    - Involvement with HES students in researching solar energy facts for an assembly dedicating the school's solar installation, including the distribution of free CFL bulbs to participating students
    - Installation of a dedicated monitoring station at the school for both solar thermal and solar PV systems.
  - Hampton Firehouse
    - Installation of a 9 kW PV system
- Organization of a Regional Energy Forum with participation of surrounding communities
- Organization of an Energy Fair with over 120 participants. Included were presentations and tables from state agencies and energy companies, with an energy efficiency poster contest for grades K-12.
- Solarize Campaign: Working with three neighboring towns through workshops and outreach efforts more than doubled local residential solar systems. Specifics include:
  - Community dinner held at HES to promote efficiency and the Solarize program. More than 100 people attended.
  - Letter mailed for the First Selectman and Green Energy Committee chair to promote Solarize in Hampton
  - Table set up at the transfer station on Saturday afternoons to promote energy efficiency and the Solarize campaign
  - Magician hired for an assembly on energy efficiency and renewable energy for grades K-6 at HES. Students engaged in

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presentations and went home with information on energy for their parents.

- Enclosure of a promotional piece with tax bills promoting clean energy options sign-ups
- Upcoming projects
  - Completion of energy efficiency measures recommended for HES, including outdoor LED/ Dark Sky- compliant lighting
  - Completion of a small Z-REC project and solar installation at HES that, along with previous installations, will provide 100% of the electrical needs of our elementary school
  - Sponsorship of a solar car contest at the elementary school with community grant money
  - Collaboration with the Clean Energy Finance and Investment Authority (CEFIA) to send a letter to all residents in town, with advice on opportunities available for energy efficiency and renewable energy