

# Near-term energy projects

- Landfill solar array
  - Approaching 10 year decision point: purchase or renew lease?
  - Build out remaining capacity?
- Library HVAC / building energy efficiency
  - Building AND HVAC (boiler system, chilled water cooling) 20 years old
  - Forced air ducted system
  - Roof is near EOL
  - Windows are single pane!
  - No ventilation (ERV)
  - Controls have failed on cooling system w/o available replacement
  - 1 of 4 outdoor compressors not working (cooling)

## Near-term energy projects (cont.)

- Apparent library options:
  1. Install new control board/system and compressor for AC ; fix building later
  2. ASHP using existing ducts + oil backup
  3. Full overhaul: building envelope + 2. above
- Town center solar / battery / microgrid
  - ETIPP study final report due in May
  - Many alternatives: do nothing; install solar arrays with or without batteries on the firehouse, EMS building, and perhaps the town hall; deploy a full microgrid

## Recommendation: “Energy Projects Working Group”

- Advisory group to be focused on near-term complex projects, considering timing, technical approaches, financial feasibility, and community wishes
- Members from relevant departments and committees
  - Energy Committee
  - Finance Advisory Committee
  - Emergency Management
  - Building Inspection
  - Facilities
  - Other (e.g., library rep for library project(s))