

**Input from Survey, Forum, and Rt. 13/130 Vision Plan****Energy Generation**

- Residents would like the town to move towards green facilities and utilities to become more self-sustaining. This was rated as having high impact and high feasibility.
- 68% of residents stated that wind farms are somewhat or very important for the Town.
- 85% of residents stated that solar energy is somewhat or very important for the Town.
- 80% of residents stated that geothermal energy is somewhat or very important for the Town.
- 50% of residents stated that external wood furnaces are somewhat or very important for the Town. 35% stated that they are not important and 15% have no opinion on the topic.
- The Natural Resources/Environment Study Circle recommended proactively developing a town plan including regulations for alternative sources of energy.

**Buildings**

- Residents would like to see a “greening” of town facilities and a policy on LEED or green building standards. This was rated as having high impact and high feasibility at the Forum and moderate impact and high feasibility in the Rt. 13/130 plan.
- The Natural Resources/Environment Study Circle recommended focusing on energy efficiency and “green” opportunities for Town and school buildings.
- 79% of residents stated that green standards for Town buildings, vehicles, and equipment are somewhat or very important for the Town.
- 83% of residents said that it was important or very important for new development in Brookline to be built in an energy efficient way, utilizing alternative energy sources.
- 78% of residents stated that town tax incentives for energy conservation upgrades are somewhat or very important for the Town.
- The Natural Resources/Environment Study Circle recommended considering tax breaks for residents with solar, geothermal, or other alternative energies.
- 84% of respondents stated that energy efficient design was very important or important.

**Land Use Patterns**

- Residents would like to see a farmers’ market in Town. This was rated as having moderate impact and high feasibility at the Forum and high impact and high feasibility in the Rt. 13/130 plan.
- Residents would like to have community gardens in Town. This was rated as having moderate impact and feasibility.
- The concept of mixed use development was widely supported throughout Town—121 respondents (78%) indicated it should be allowed.

**Transportation**

- The top rated transportation priority in the Vision Plan for Rt. 13/130 was improvements to pedestrian amenities.
- 84% of residents stated that their preferred mode of transportation when traveling with the town center was walking.
- 76% of residents stated it is important to maintain and/or improve sidewalks in Brookline.
- 54% of residents stated it is important to maintain and/or improve bus service in Brookline.
- 50% of residents stated it is important to maintain and/or improve Park & Ride facilities in Brookline.
- 83% of residents stated it is important to maintain and/or improve pedestrian trails in Brookline.
- 81% of residents stated it is important to maintain and/or improve bike paths in Brookline.

- 79% of residents stated it is important to maintain and/or improve the paved road shoulder in Brookline.
- 46% of residents stated it is important to maintain and/or improve rail service in Brookline.
- 49% of residents stated it is important to maintain and/or improve public transportation in Brookline.

#### **Available Data**

- Currently, Brookline does not have an Energy chapter in its Master Plan.
- Currently, Brookline does not track energy usage or costs for its municipal buildings.
- Brookline does have an inventory of electric and oil usage and costs for the SAU 41 Administrative Building, Richard Maghekian Memorial School, Captain Samuel Douglas Academy, Hollis-Brookline Middle School, and Hollis-Brookline High School from 5/1/07 through 3/31/09. This data is tracked using the EPA's Portfolio Manager, which is a web-based energy inventory tool. The data was compiled and entered by members of the Hollis Local Energy Committee.
- NRPC wrote an Energy Action Plan for SAU 41 in 2009. It included a profile of the SAU, background on the energy inventory, energy inventory results, energy use by building, costs by building, greenhouse gas emissions, analysis, and recommendations.
- Office of Energy and Planning data on statewide energy usage

#### **1997 Outline**

- No Energy Chapter in 1997

#### **2010 Proposed Outline**

- Introduction
  - Importance of energy planning, efficiency, and conservation measures—*climate change, energy costs, volatility, quality of life*
  - State and regional energy patterns—*by fuel type, by sector, cost comparisons*
  - Energy related initiatives to-date in Brookline—*energy action plan for SAU 41, ARRA projects, conservation subdivision ordinance, flood hazard area zoning, preserving dark skies ordinance*
- Overall Energy Vision for Brookline—*any energy regulations that are adopted must reflect this vision*
- Energy Generation
  - Topic overview—*renewable energy, diversified fuel sources*
  - Vision
  - Goals/Recommendations
  - Implementation Steps
- Buildings
  - Topic overview—*energy retrofits, enhanced building codes, green building requirements*
  - Vision
  - Goals/Recommendations
  - Implementation Steps
- Land Use Patterns
  - Topic overview—*smart growth, mixed use, land use patterns that are not automobile dependent, preserving agriculture and forest land*
  - Vision

- Goals/Recommendations
- Implementation Steps
- Transportation
  - Topic overview—*alternative transportation, non-motorized transportation, municipal vehicle fleet*
  - Vision
  - Goals/Recommendations
  - Implementation Steps
- Adaptation
  - Topic overview—*stormwater management, siting of public facilities, preserving natural services for stormwater and flood mitigation*
  - Vision
  - Goals/Recommendations
  - Implementation Steps
- References
  - Definitions
  - Relevant state statutes
  - Tools (?)