

Meeting Minutes
Wayland Energy Initiatives Advisory Committee
April 25, 2012
7:00 p.m.
Selectmen's Meeting Room

Members present: Anne Harris, Ellen Tohn, Bill Huss, Harvey Michaels
Members absent: Tom Sciacca
Ex-officio members present: none
Ex-officio members absent: Fred Turkington, John Moynihan
Also present: Sarkis Sarkisian, Town Planner, Dave Campbell, Architect, Stop & Shop

Stop & Shop Green Initiatives and Wind Turbines

Dave Campbell presented the proposed Town Center Stop & Shop's green initiatives, which include LEED silver certification for the building, 9 electric car charging stations, LED lighting in the parking lot and a 178 kW solar array on the roof which is expected to supply 10% of the store's electricity.

The bulk of the discussion concerned the wind turbines, which are expected to supply about 1.4% of the store's electricity. Dave Campbell announced early in the presentation that the proposed location for the turbines had been moved from the east side of the building to in the parking lot west of the building farther away from the residential areas. The turbine manufacturer's representative presented performance information and answered questions. In response to a question of whether ice would form and fall or be thrown, he noted that the turbine blades are coated with a non-stick material which would inhibit ice from forming. Average wind speed at this location had been measured at 4.1m/s. This type of small turbine starts to spin at 2m/s, and thus can theoretically generate power at low speeds.

After questions from the Committee and residents were addressed, residents left and the Committee continued their meeting.

Discussion of the Stop & Shop issue centered on the question of whether Stop & Shop was doing all it could to improve energy efficiency inside the building. The Committee generally supports renewable energy measures after all efforts have first been made to maximize energy efficiency measures such as improved building insulation, efficient motors and heating and cooling equipment.

The Committee also discussed ways to give businesses incentives to be especially energy efficient, such as recognition or awards the Town or State could confer.

Action items:

Anne will communicate the Committee's concerns to Sarki and ask if he could request that Stop & Shop release their LEED score sheet, or more information on efficiency efforts.

Anne will ask Joanne Bisetta if there is some recognition for very energy efficient buildings.

Streetlights

Anne presented spreadsheet to Committee showing cost savings associated with various scenarios of purchasing lights and upgrading through a contractor, with a

maintenance contract, or letting NSTAR continue to own and upgrade. The Committee recommended forwarding information to Cherry Karlson, FinCom Chair, for input before presenting to Fred and Selectmen.

Action items:

Anne will forward information to Cherry

ESCO Contract

No word on whether this has moved forward. MAPC has retained Peregrine Energy to consult to towns as an Owner's Agent. This might be a good use of GC funds.

Action Items:

Anne will contact Peregrine or Helen Aki to get more information about the services that would be offered by an owner's agent and forward to John Moynihan.

Enernoc

Harvey will contact Enernoc.

The Committee unanimously approved meeting minutes from 2/29/2012 and 3/22/2012.

Meeting was adjourned at 9:30 p.m.

ARH

6/7/2012