

ENERGY CONSERVATION COMMITTEE

CLIFFORD J. HURGIN MUNICIPAL CENTER

1 SCHOOL STREET, BETHEL, CT. 06801

MEETING ROOM "A"

Wednesday, February 23, 2011

7:00 P.M.

SPECIAL MEETING

MINUTES

PRESENT: Chairman, Bill Cratty, Members: David Dunn, Mark Anderson, Hank Karl, Fred Zalcman, and Nick Ellis

ABSENT WITH NOTICE: Gary Pedone, and Randi Oisher

CALL TO ORDER: Chairman Bill Cratty called the meeting to order at 7:10 P.M. followed by the Pledge of Allegiance.

CONSIDERATION OF ENERGY CONSERVATION PLAN RECOMMENDATION TO THE BOARD OF SELECTMEN:

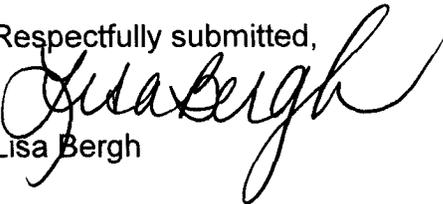
The purpose of this meeting is to approve and forward this to the Board of Selectmen for their approval Thursday evening in order to meet fuel cell energy grant application deadlines.

A motion to approve the Energy Conservation Plan for the Town of Bethel, CT (See attached) was made by Hank Karl, the motion was seconded by Nick Ellis. Vote, all in favor, motion unanimously approved.

ADJOURN: Nick Ellis made a motion to adjourn; motion was seconded by Hank Karl. Vote, all in favor, motion unanimously approved.

Meeting adjourned 7:30 P.M.

Respectfully submitted,



Lisa Bergh

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TOWN OF BETHEL
TOWN CLERK

Town of Bethel, Connecticut

Energy Conservation Plan

Goal

Achieve the lowest point on the total cost curve for Bethel's energy use equation commensurate with a reduction in Bethel's "carbon footprint" through optimizing energy efficiency and use of non-polluting and renewable energy resources where feasible.

Demand Side

What

- Upgrade building lighting, heating, cooling, ventilation and environmental control systems to improve energy efficiency.
- Improve building insulation where appropriate.
- Replace heating oil usage for space heating at Barry, Rockwell, Johnson and Middle Schools with natural gas.

How

- Utilize Performance Contracting with guaranteed energy savings to perform investment grade energy audits of town and school buildings to identify appropriate building system upgrades and building insulation improvements, and implement audit findings to install and maintain building system upgrades and insulation improvements.
- Extend natural gas mains from service entrance at Bethel High School to the four other schools in the School Park.

Supply Side

What

- Install a solar photovoltaic system at former Bethel landfill to generate electricity using a renewable energy source.
- Install a fuel cell power plant at an appropriate thermal host to co-generate electricity and thermal energy thereby optimizing efficient use of a clean energy source.

How

- Enact an ordinance creating an Energy Improvement District within the Town of Bethel thereby permitting the town to "wheel" fuel cell and solar generated electricity to town, school and other buildings within Bethel's borders.
- Utilize a Purchase Power Agreement to fund, construct and maintain the solar voltaic system via 3rd party investors.
- Utilize an Energy Purchase Agreement to fund, construct and maintain the fuel cell power plant via 3rd part investors.