

BRISTOL ENERGY COMMITTEE

Draft Minutes – 2-25-15 Meeting – Holly Hall

Attendees:

Dave Cobb

Mike Corey

Bob Donnis

Brendan Gallivan

Wendy Mcardle

Matt Sharpe

Agenda:

- 1) Meeting called to order by Bob Donnis 6:35PM – Quorum present (4 members)
- 2) Brief overview of Open Meeting Requirements done - Bob
- 3) Agenda item updates - None
- 4) Public Comment - None
- 5) Fuel Assistance Amendments and Sign Off

Amendments made to the Fuel Assistance Groundrules

- a. Allow funds to be available to repair home equipment
- b. Allow funds to be paid to repair service companies
- c. Add Mike Corey as a BEC member authorized to request withdrawals
- d. Update Chair as Bob Donnis

Motion was made by Brendan to accept the amendments, seconded by Wendy

Motion passed unanimously by all members present.

Next step: sign document – Bob, Brendan, Mike, Bill Elwell (Bristol Federated Church)

6) Strategies – Actions and Projects

A discussion was held to generate and prioritize projects and actions/tasks from the strategies we identified at our previous meeting on Goals and Strategies, held Jan 19, 2015.

(Details provided below)

7) Other

- a. Bob reported that the Street Light at corner of North and Park is out (call from the Town Office)
- b. GMP has been notified
- c. Requested a fix and an explanation why a 20 year fixture is not working in such a short time.

8) Adjournment:

- a. Motion made to adjourn by Wendy, seconded by Brendan
- b. Unanimously approved – 9:30pm

DETAILS OF MEETING FOLLOW:

Goal 1: Become ***THE*** resource for all matters relating to Energy in Bristol

The aim is to become the recognized energy authority in Bristol to provide expert advice and/or connect users with experts to evaluate energy saving opportunities for savings, costs, financing, payback periods, grants, etc

Strategies & Actions:

- **More participation in Town municipal policy and decision making**
 - Met with the Select Board on Feb 2
 - Presentation of our Goals and Strategies
 - Well accepted by the Board
 - To date 2 projects have been directed our way via the Town Manager
 - New Bristol Fire House Design
 - Upgrade of 3 water pumps that pump water up to the reservoir tank
- **Agreement with the Planning Commission on the same**
 - Meeting scheduled for Mar 16 at 7pm at Holly Hall
 - Presentation of goals, strategies and projects/actions – all BEC members as possible
- **Agreement with the Facilities manager(s) of Addison North East Supervisory Union on the same (Mt Abe and Bristol Elementary School)**
 - Discussion of BEC assistance to schools
 - Solar on Mt Abe
 - Solar lights on path between Liberty St and Mt Abe
 - Identifying efficiency opportunities
 - other
 - Meeting to be set up – **Bob**
- **Outreach to other groups – action is TBD**
 - Farms
 - Bristol Downtown Community Partnership
 - Mt Abe Environmental Club
 - Contacted 2/23
 - Goals and Strategies Presented
 - Club is interested in getting involved
 - Set up another meeting - **Bob**

GOAL 2: Disseminate Energy Information to all Townspeople/Organizations

The aim is to reach as many people/organizations as possible with energy saving information to generate interest in actions they could take that would make a difference. Provide connections to learn more details – websites, experts, BEC members.

Strategies:

- Provide information that may lead people to take action
 - Weekly/periodic energy tips on Front Porch Forum.
 - Discussed tips posted to date
 - LEDs – Wendy
 - Heat Pumps – Wendy
 - Idling – Wendy
 - Ice Dams on Roofs – Bob
 - Agreed on Guidelines for Tip postings
 - See attached
 - Created a list of future tips to posted (see attachment)
 - Agreed on sequence of the next 5 tips
 - Programmable Thermostats – Wendy
 - Home Energy Audits – Matt?
 - Electrical usage web access from GMP – Bob
 - Hot Water Heat Pumps – Dave
 - Rental Properties - Brendan
 - Schools
 - Connect with Mt Abe Pathways Program and Environment Committee (Caroline Camara)
 - Done 2/23 – Bob
 - Interest in helping BEC in general, MT Abe in particular
 - Follow up – TBD – Bob
 - BEC Website
 - Or Facebook page
 - Link to it from the Town Website
 - Student involvement?
 - Content?

GOAL 3: Engage the People of Bristol

1. Specific Projects

- a. New Bristol Fire House Design
 - i. Design Committee formed by Select Board
 - ii. Architect Selected – Cushman Design
 - iii. 1st Mtg held 2/26 – BEC Invited
 - 1) Matt Spoke, Bob chimed in
 - 2) Kevin Harper also supported efficiency in the design
 - 3) Architect has worked with EVT before & designed energy efficient new buildings
 - 4) Matt to take the lead
 - 5) Next mtg is Mar 5
 - 6) Objective: Convince committee, Select Board, and voters that up front additional costs to build an efficient building will pay back big time
 - 7) Action: **Matt & Bob** continue to attend Design Committee Meetings
- b. Bristol Water System Pumps (3) (water from river to water tower)
 - i. What are Savings/costs to go to Variable Speed Soft start pumps
 - ii. EVT Energy Consultant set up – John Ho
 - iii. Lance Perlee is the Town Water subcontractor who will work with John
 - iv. Action: **John & Lance** investigate feasibility and savings
- c. Solar Lighting on Pathway from Liberty St to Mt Abe
 - i. Dave has investigated a solution
 - 1) Solar Pole lights
 - 2) 1 every 50 feet
 - 3) Dimmable after a period of time
 - 4) Motion sensor driven
 - 5) Light directed down, not into homes
 - ii. Action: To be discussed with ANESU/Mt Abe – owner of the pathway
 - iii. Process
 - 1) Demonstrate the feasibility (estimated business case)
 - 2) Provide ANESU/Mt Abe with the info they need to put out an RFP
- d. Solar PV on Mt Abe Roof
 - i. Dave has determined this is feasible
 - ii. Much better payback than when first looked at a couple yrs ago
 - iii. Action: To be discussed with ANESU/Mt Abe
 - iv. Process:
 - 1) Demonstrate feasibility (estimated business case)
 - 2) Provide ANESU/Mt Abe with the info they need to put out an RFP

- e. Lighting/solar at Rec Field
 - i. Dave has been approached about lighting and solar PV at the REC field
 - ii. Objective is to reduce the cost of the lighting so that more groups can afford to use the field after dark
 - iii. Process
 - 1) Demonstrate feasibility (estimated business case)
 - 2) Provide ANESU/Mt Abe with the info they need to put out an RFP
 - iv. Action: Review with Rec Dept decision makers when ready - **Dave**
 - f. School Energy Audit
 - i. School Energy Management Program audit - tbd
 - g. Town Buildings
 - i. Look at electrical savings opportunities
 - ii. Dave provided a list of GMP accounts given by Therese
 - 1) Shows about \$6,000 drop in street lighting bill
 - 2) Shows significant drop once water main leak was fixed
 - iii. Meters can be combined to same costs (eg, why 3 meters on the green?)
 - iv. Solar potential
 - v. Action – share meter info with Therese - **Bob**
2. Tours of homes and businesses that have done real energy saving projects
- **Cold Climate Heat Pump Tour – Wendy**
 - **Energy Audit and Home Button Up – Bob**
 - **Residential Solar PV - Dave**
 - **Others TBD**
- 3. PPF Post of BEC Goals and Offerings of help (Residents, Businesses, Municipal) - Bob**
- **Energy Walk Throughs to identify opportunities**
 - **Connection to experts**
 - **Auditors**
 - **Energy Consultants**
 - **Financing**
 - **Workshops to focus on Energy Reduction and Savings - what and how**
 - **Capstone Weatherization Trailer at Pocock – Wendy**
 - **Workshop with EVT and the HEAT Squad - tbd**
 - **Other - TBD**
 - **Campaigns on specific energy saving ideas – future discussion**
 - **Occasional Community Dinners with energy topic/presentation as focal point – future discussion**
 - **Harvest Festival – future discussion**
 - **Forums on Energy Saving – future discussion**
- Speakers – experts, residents, business owners**