



Energy Partnership Workshop #3

Date & Time: Tuesday, March 7, 2017, 8:00am – 10:00am

Location: Nova Scotia Community College (NSCC) Lunenburg Campus, 75 High Street, Bridgewater. Room C112A.

<u>Agenda</u>	<u>Item</u>	<u>Facilitator</u>
8:00 AM	1. Welcome to Members & Topic Introduction <i>Presentation</i>	Blair Lipsett, Nova Scotia Community College
8:10AM	2. Energy Affordability, Poverty, and Solutions <i>Keynote Presentation / Workshop</i>	Nancy Green, Nova Scotia Health Authority
8:40AM	3. Q&A, and Discussion on Local Solutions & Opportunities	Blair Lipsett
9:00AM	4. Networking break <i>Light refreshments served</i>	
9:20AM	5. The Living Energy Laboratory Update <i>Presentation & discussion</i>	Leon de Vreede, Town of Bridgewater
9:35AM	6. Energy Barriers & Opportunities for Local Businesses & Organizations <i>Presentation & discussion</i>	Leon de Vreede
10:00AM	7. Wrap-up and Next Steps	Brooke Nodding, Bluenose Coastal Action Foundation

- Notes / Reminders:
- The workshop is open to any Bridgewater and area business, organization, or community group to attend.
 - Each participating organization may send up to 3 people to attend.
 - Registration before the workshop is appreciated, but not mandatory – please come even if you have not yet registered.
 - Light refreshments will be served.
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Energy Partnership Workbook 3

Tuesday March 7, 2017 @ 8AM

PART I: WORKSHOP NOTES

TOPIC _____ SPEAKER _____

Key Words and Definitions

Concepts & Principles

Benefits & Costs

<u>Benefits</u>	<u>Costs</u>

Questions and Answers

Next Steps and Resources

- **Nancy Green**, Health Promoter, Public Health Services, email: Nancy.Green@nshealth.ca / 902-543-2492
- Energy Affordability & Poverty:
 - South Shore Housing Action Coalition: <http://sshac.ca>
 - Videos: Below the Line: <http://bit.ly/2n7uzUI> / My Week on Welfare: <https://vimeo.com/142459984>
 - Energy Costs and Canadian Households: <http://bit.ly/2mOmdF3>
 - Energy Access and Poverty: <http://bit.ly/2lPe8Le>
 - Energy Poverty: An Agenda for Alberta: <http://bit.ly/2mxEiqj>
 - Guelph & Wellington Task Force for Poverty Elimination: www.gwpoverty.ca
 - Energy Poverty Manual: <http://bit.ly/2mfl9IT>
 - Energy Affordability vs. Rising Electricity Prices: <http://bit.ly/2lx1PII>
 - Affordable Energy Coalition Submission to the NS Electricity System Review (2014): <http://bit.ly/2lPdQnV>
- Nova Scotia Energy Programs:
 - Efficiency Nova Scotia's Energy Solution Advisors 1-877-999-6035 / info@efficiencyns.ca
 - HomeWarming program: www.homewarming.ca / 1-877-434-2136
 - *See presentation for Housing Nova Scotia, Service Nova Scotia, and Salvation Army links*
- **Other...**

PART II: ENERGY BARRIERS & MOTIVATORS

A. Discuss the Barriers and Motivators listed below. To what extent are these relevant for your business or organization? What about for the community in general? Do any stand out as being particularly important? Record your thoughts below.

Barriers to Energy Action	Motivators for Energy Action
<ul style="list-style-type: none"> ▪ Lack of independent information on energy technologies e.g. heat pumps, solar panels. The only information is coming from those trying to sell the technologies. ▪ Lack of understanding of energy, energy generation and distribution, and energy bills. ▪ Distrust of Nova Scotia Power and lack of familiarity with Efficiency Nova Scotia ▪ Lack of upfront capital make improvements ▪ Lack of understanding of the business case for technologies and how long they will take to pay back ▪ Lack of awareness of existing energy conservation programs and opportunities ▪ Lack of time to make change ▪ Health concerns – e.g. “mercury in energy efficient products” 	<ul style="list-style-type: none"> ▪ Reducing energy bills ▪ Achieving greater comfort in homes and workplaces ▪ Having a collective goal or vision for the community ▪ Being seen as a leader to others in the broader community ▪ Hearing from respected peers that they were successful ▪ Being “green” and helping the environment ▪ Learning about energy and energy use ▪ Improved health

B. ACTION: All Partners are requested to complete a 10-minute Barriers & Motivators survey for their organization, and to circulate the online link to the resident survey to their staff / members. See www.EnergizeBridgewater/surveys for the links.

PART III: CREATIVE ENERGY ACTIONS FOR THE COMMUNITY

A. Discuss the draft energy actions listed below. Do any stand out as being particularly important? Record any additional actions you can think of on the sticky notes provided.

- Create an energy cooperative that installs solar photovoltaic (PV) panels on households
- Provide incentives for new development to locate downtown
- Support the installation of solar photovoltaic (PV) panels in homes
- Introduce more Solar options and installations
- Develop an investment mechanism to enable citizens to invest in energy savings in Bridgewater
- Create a pedestrian only zone on King Street
- Develop a geothermal district energy system in the downtown core
- Provide financing for energy retrofits of commercial buildings
- Expand the financing available for home retrofits
- Develop a cash for clunkers program to encourage high efficiency vehicles
- Develop a program to replace fuel oil consumption with heat pumps
- Develop an electric car share co-operative
- Introduce a public bike share program
- Develop a program to install energy storage in houses
- Require energy efficiency upgrades for all renovations
- Install high speed electric vehicle chargers
- Require commercial buildings to report annually to the public on energy performance

B. ACTION: All Partners are requested to participate in a 2-minute Action Brainstorm tool on behalf of their organization, and to circulate the online link to the resident survey to their staff / members. See www.EnergizeBridgewater/surveys for the links.

Energy Partnership – Important Information and Reminders

WORKSHOP SCHEDULE

The Energy Partnership holds regular workshops for its members during the work day. Workshops last about two hours. The following workshop schedule has been developed for the Partners:

- Workshop 1 Tuesday September 27, 2016 @ 8AM - orientation
- Workshop 2 Tuesday November 22, 2016 @ 8AM - solar energy
- Workshop 3 Tuesday March 7, 2017 @ 8AM - energy poverty
- Workshop 4 Tuesday March 28, 2017 @ 8AM - heating, cooling & insulation
- Workshop 5 Tuesday May 30, 2017 @ 8AM - energy economics part 1
- Workshop 6 Tuesday July 25, 2017 @ 8AM - energy economics part 2
- Workshop 7 Tuesday September 26, 2017 @ 8AM – TBD
- Community Energy Fair October 20-21, 2017
- Workshop 8 Tuesday November 28, 2017 @ 8AM – TBD

REMINDER – WORKSHOP TASKS

- All Partners are requested to complete a 10-minute Barriers & Motivators survey for their organization, and to circulate the online link to the resident survey to their staff / members. See www.EnergizeBridgewater.com/surveys for the links.
- All Partners are requested to participate in a 2-minute Action Brainstorm tool on behalf of their organization, and to circulate the online link to the resident survey to their staff / members. See www.EnergizeBridgewater.com/surveys for the links.

GENERAL INFORMATION

Information about the Energy Partnership, including the current list of member organizations, as well as notes and documents from the workshops, can be found at: www.EnergizeBridgewater.ca/Partnership

Any other feedback and enquiries concerning the Partnership can be sent to Leon de Vreede:

60 Pleasant St, Bridgewater, NS, B4V 3X9 | tel: (902) 541-4390 | email: Leon.deVreede@bridgewater.ca
www.EnergizeBridgewater.ca | Facebook: [EnergizeBridgewater](https://www.facebook.com/EnergizeBridgewater) | Twitter: [@BridgewaterEnrG](https://twitter.com/BridgewaterEnrG)