

Emission Reduction Action Plan for Dorchester, NB

Milestone 3 of the Partners for Climate Protection Program

Endorsed by the Dorchester Village Council March 24th, 2015

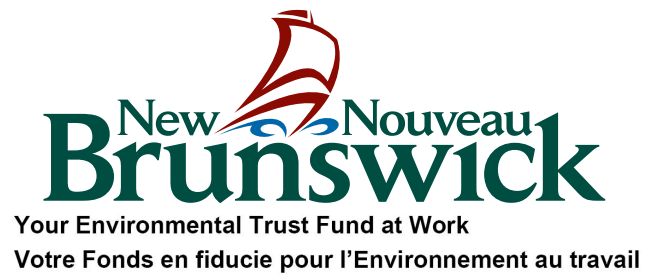
Prepared by EOS Eco-Energy Inc.



March 2015

EOS Eco-Energy
P.O. Box 6001
131D Main Street
Sackville, NB E4L 1G6
www.eosecoenergy.com

This project was funded by and in partnership with:



Contents

Introduction.....	3
Our Community.....	3
Community Vision.....	4
Project Goals and Objectives	4
Summary of Emissions Inventory and Forecasts (Milestone 1).....	5
Municipal Operations	5
Community.....	6
Emissions Reduction Targets (Milestone 2).....	7
Municipal Operations	7
Community.....	8
Methodology for Milestone 3	8
Municipal Action Plan 2011-2021	11
Priority Areas.....	11
Community Action Plan 2011-2021	15
Priority Areas.....	15
Implementation, Monitoring and Reporting (Milestone 4 and 5)	19
Appendices.....	20

Introduction

Dorchester has been a member of the national Partners for Climate Protection (PCP) program since 2001. The PCP program, administered by the Federation of Canadian Municipalities, is a 5-step process to save energy and reduce carbon emissions at the municipal level. In 2011 the community undertook the first milestone, which involved a baseline emissions study. The study found that municipal operations released 185 metric tonnes of carbon dioxide into the atmosphere that year while the community released 6,402 metric tonnes. During 2014 the Dorchester Village Council passed motions to reduce their municipal emissions by 20% and community emissions by 6% by the year 2021 (Milestone 2). This document outlines the local action plan to reduce energy and carbon emissions, which was designed by the Village during 2014/15 (milestone 3). The action planning process was led by the environmental non-profit EOS Eco-Energy Inc. with funding from the New Brunswick Environmental Trust Fund.

Our Community

The Village of Dorchester, New Brunswick is nestled among forested hills skirting the eastern banks of the Memramcook River at the head of the Bay of Fundy. It is a place steeped in history. First Nations fished and hunted here; Fort Folly First Nation is nearby. Canada's Fathers of Confederation attended afternoon tea parties in Dorchester. Shipbuilders and stonemasons and farmers built successful businesses. The community lies near the New Brunswick/Nova Scotia border, 40km from the city of Moncton, NB. It has a population of 1,167 spread across roughly 90.89km². This small but vibrant community is home to a kindergarten to grade 8 school, library, community centre, churches, museums, seniors housing, fire station, community parks, the famous Bell Inn restaurant, and a takeout and salon. The village's largest employer is the Dorchester Penitentiary (Corrections Canada). Each year, between mid-July and mid-September, more than 80% of the world's Semipalmated Sandpipers flock to the shores of Johnson's Mills, just minutes from the Village center, to fill up on mud shrimp before making their non-stop journey south. Dorchester celebrates this with the Sandpiper Festival each summer, which attracts many birdwatchers and tourists.

Community Vision

Working to reduce emissions and save energy is part of Dorchester’s long-term sustainability plan. Dorchester is part the regional Integrated Community Sustainability Plan called *Tantramar 2040* compiled in April 2011. The energy objective (to reach by the year 2040) for the region states:

To ensure that we meet regional energy needs in an efficient, affordable, sustainable and reliable way, by diversifying our energy sources and reducing our reliance on fossil fuels.

The energy vision states:

There is a marked decrease in the use of fossil fuels, an increase in energy conservation measures and activities, an increase in energy efficiency in electrical products, widespread use of renewables, and we have community owned and operated energy projects.

Project Goals and Objectives

The main goal of the project was to design a local action plan to reduce energy and carbon emissions locally in Dorchester. In order to accomplish this the following objectives were set:

1. Use the emissions inventory and emissions reduction targets for municipal operations and the community to guide the municipal action planning process



Keillor House Museum in Dorchester. Photo credit:
<http://www.keillorhousemuseum.com>

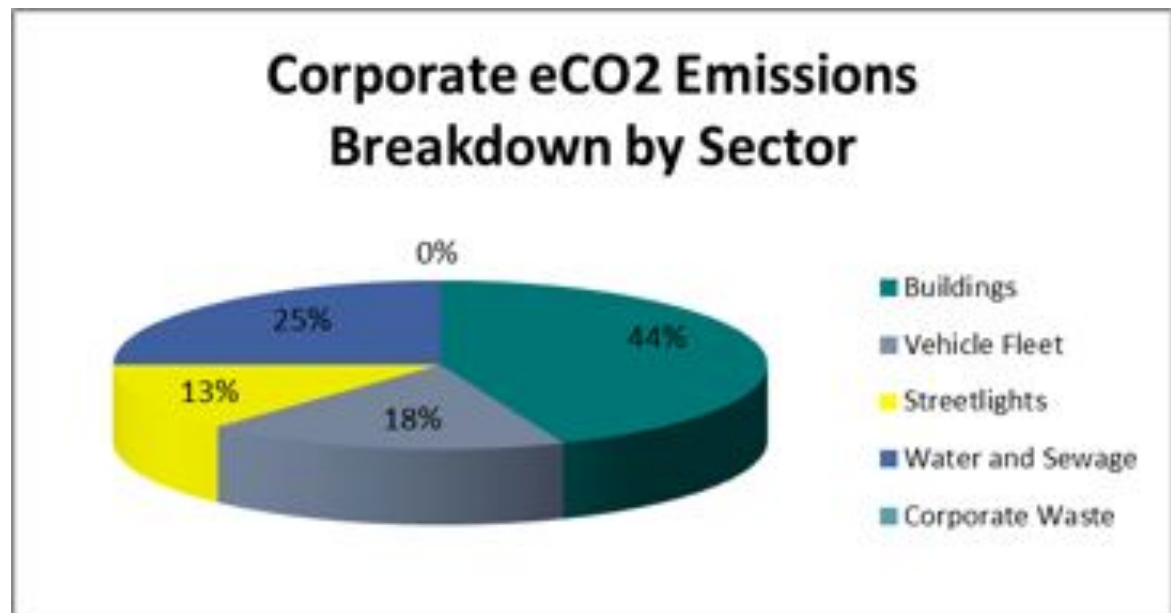
2. Engage municipal staff in action planning for emissions reduction from municipal operations.
3. Engage Dorchester residents, business owners and representatives from institutions, organizations and local students in action planning for emissions reduction for the community.
4. Compile all information into a useful and feasible local action plan.

Summary of Emissions Inventory and Forecasts (Milestone 1)

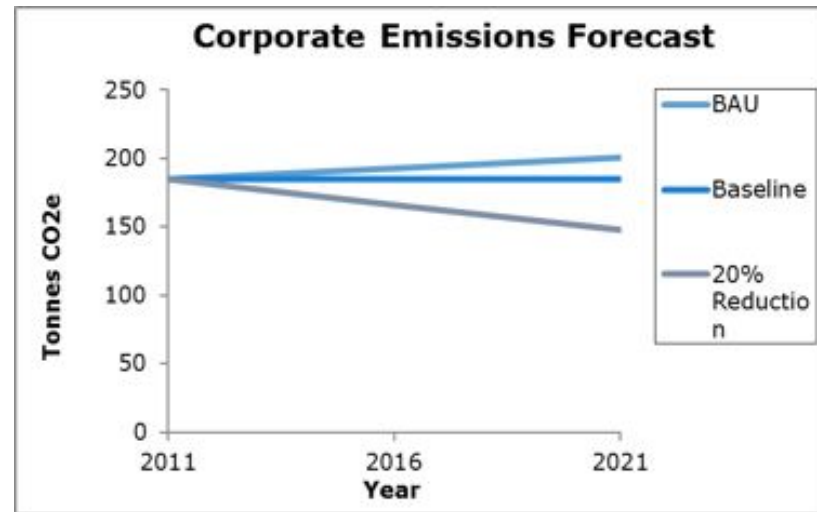
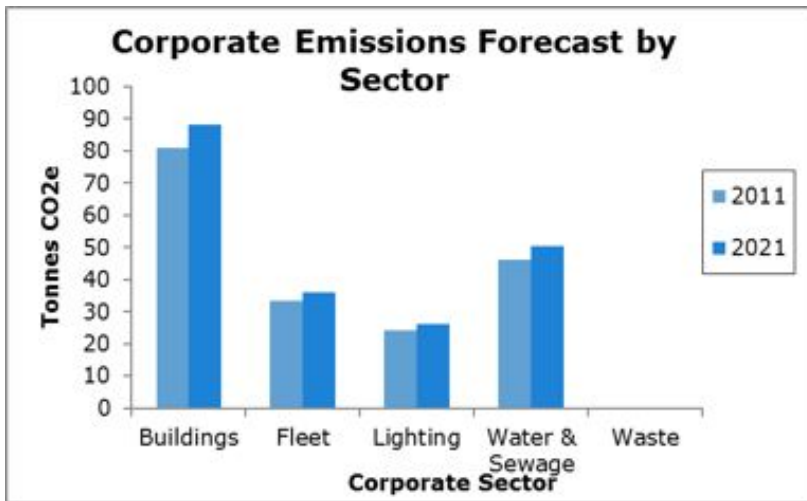
During 2011 emissions inventories and forecasts were completed for municipal operations and the Village of Dorchester (Milestone 1).

Municipal Operations

Emissions from all municipal emissions were found to be 185 metric tonnes of carbon dioxide equivalent (t CO₂e) in 2011. This calculation included emissions from all municipally-owned buildings, vehicle fleet, streetlights, water and sewage and corporate waste. Emissions from corporate waste were found to be negligible are thus shown to be 0% in the graph. The largest percentage of emissions comes from water and municipally owned buildings (44%).

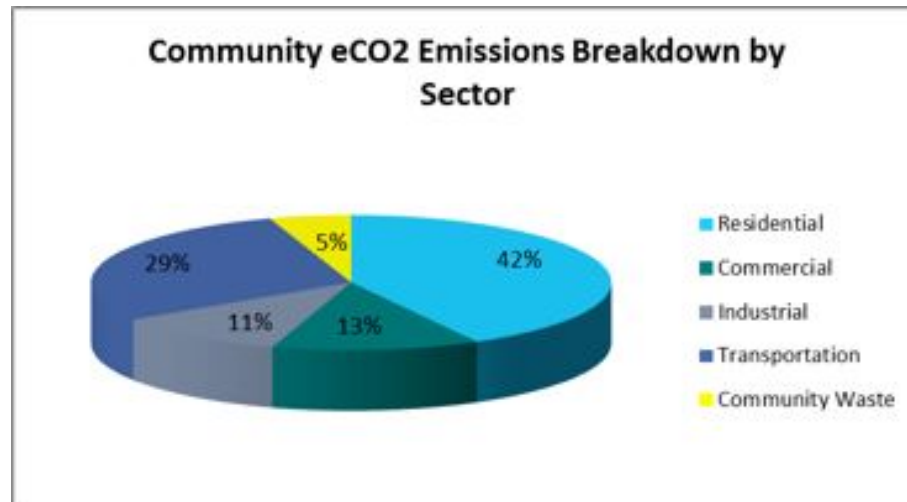


Emissions from municipal operations were then forecasted for the next ten years (until 2021). The Village is committed to taking additional actions to reduce their emissions and live more sustainably.



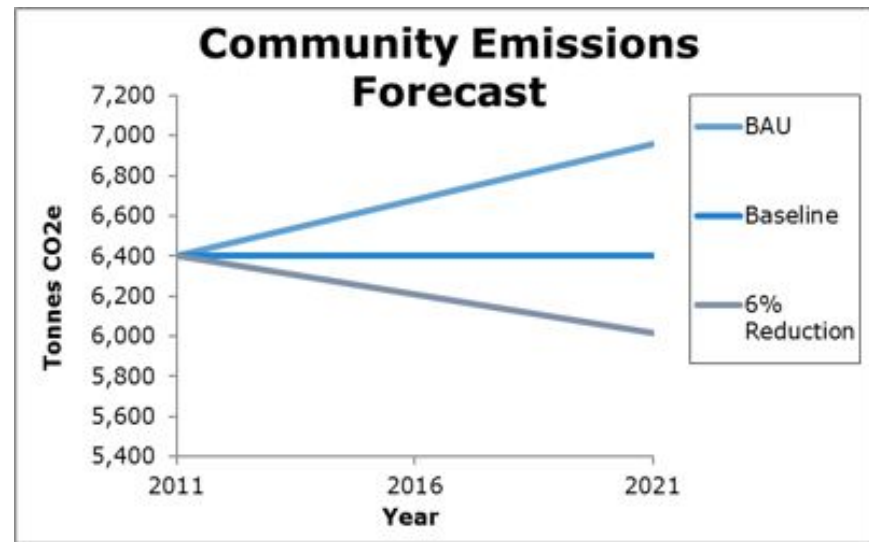
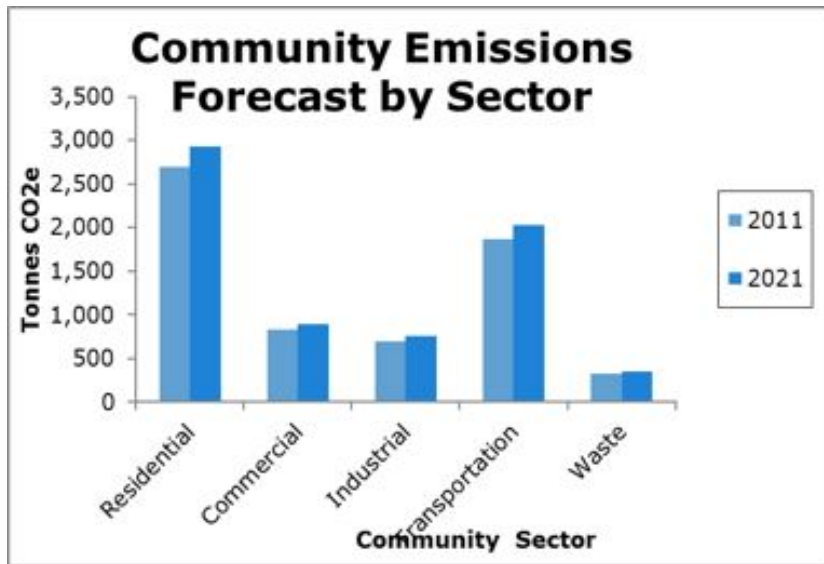
Community

Emissions from the rest of the community of Dorchester were found to be 6,402 t CO2e in 2011. This calculation included emissions from residential buildings, businesses and institutions (commercial), industry, transportation and community waste. The largest percentage of



emissions comes from residential buildings (42%).

Emissions from community sources were then forecasted for the next ten years (until 2021). Local residents are committed to taking actions to reduce their emissions and live more sustainably.



Emissions Reduction Targets (Milestone 2)

Municipal Operations

During winter 2014 the Village Council agreed to reduce emissions from municipal operations by 20% by 2021. Twenty percent equals 37 t CO2e.

Community

During winter 2014 the Village Council worked with EOS to gauge public acceptance to reduce community emissions by at least 6% by 2021. This equals a reduction of 384 t CO₂e, which local residents agreed to. Feedback was sought in a variety of ways including during a community breakfast.

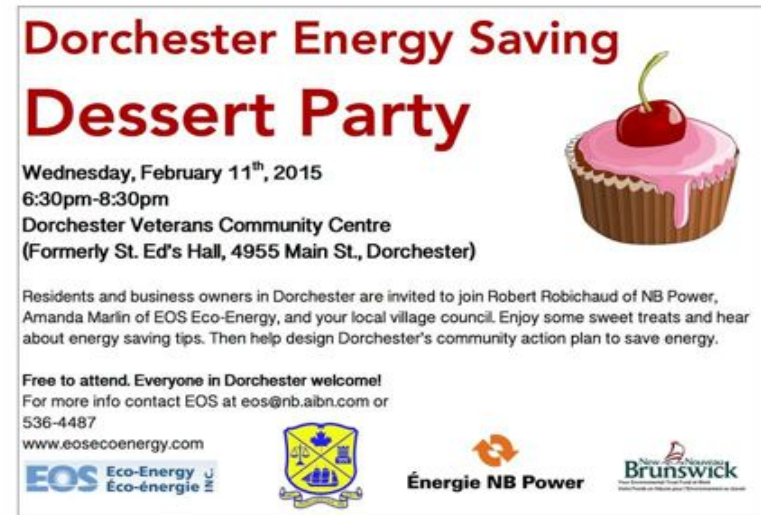
Methodology for Milestone 3

The methodology for developing this action plan had five parts:

1. Background research
2. Meeting with municipal staff and council
3. Community engagement
4. Youth engagement
5. Presentation of local action plan for council and public

Background Research

The emissions inventory and reduction targets for Dorchester were reviewed. Local action plans from other rural communities across Canada were accessed from the Partners for Climate Protection website and reviewed as well.



Poster for Dorchester community engagement meeting.

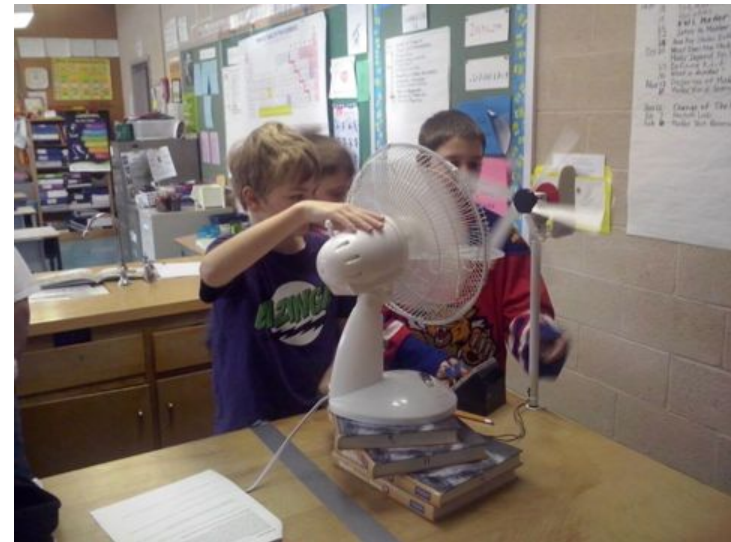
Meeting with Municipal Staff and Council

EOS Eco-Energy staff began by meeting with representatives from the Village of Dorchester including the village clerk, councilors and mayor November 17, 2014. They provided input, brainstormed, and agreed on actions to reach their municipal reduction target of 20% below 2011 levels. The municipal action plan is outlined at the end of this report. It was important to begin with the municipal plan in order for the municipal government to lead the community by example.

Community Engagement

EOS used a variety of avenues to raise awareness for the PCP program in Dorchester and to obtain input on the action plan. EOS took part in popular community events such as the Sandpiper Festival and the Christmas Craft Bazaar to engage with residents at information booths. EOS also wrote articles for the local paper, village newsletter and the EOS seasonal newsletters explaining the PCP program and Milestone 3. Press releases were sent to local media and the story was featured on local community radio (see the Appendix for a selection of media coverage). Residents, businesses, institutions, industry and organizations were invited to provide input by calling or emailing EOS directly. They were also invited via social media to contribute to online discussions about ways to reduce emissions.

EOS also hosted a community dessert party on the evening of February 11th, 2015. The community of Dorchester was invited and representatives from key businesses, organizations and institutions were invited personally by email and telephone calls. Eight people participated including representatives from the library board, historical society, village office, IODE, and residents at large. Participants were treated to delicious locally made desserts and



Students learned about renewable energy and contributed to Dorchester's action plan. Photo credit: A. Marlin

listened to a presentation by Robert Robichaud, residential energy advisor with NB Power. His informative presentation included basic information about how electricity works, how to save energy and increase efficiency. He stressed the importance of adequate insulation before the addition of new technologies such as heat pumps or solar panels. He gave each participant a new energy-saving LED light bulb as well. After the presentation participants discussed ways for the community to save energy and reduce emissions.

Youth Engagement at Dorchester Consolidated School

EOS Eco-Energy staff visited Dorchester Consolidated School and brought hands on activities so the students could learn about climate change impacts and sustainable energy solutions. Twenty-nine students in grades 5 through 8 took part in activities. The students then brainstormed ideas for how to save energy at their school and across the village of Dorchester. They wrote letters to their mayor and council. Some of their ideas included:

- **Encourage the use of more solar power.** Install panels at the village office. The prison and Dorchester School could use solar power too.
- **Turn out the lights.** Turn out lights when not needed at school. Have a lights out challenge in Dorchester for 24 hours.
- **Reducing driving.** Walk to school. Get local food for lunch at school instead of hot food driven in from Sackville. Carpool to work in Sackville. Carpool to get groceries in Sackville. A lot of people drive to Sackville. Have a public Dorchester bus. The community is small. People should walk or bike more in the village.
- **Dorchester farmers market.** Support local farmers, buy local.

Thursday, February 5th, 2015
Mayor Jerome Bear and Dorchester Village Council
Village of Dorchester
4984 Main Street
Dorchester NB E4K 2Z1

Dear, Mayor Bear and Council,

We, the students in grades 7/8 at Dorchester Consolidated School, are happy to know that our village is taking action against climate change and thinking about our future by being part of the Partners for Climate Protection Program.

We would like to see the village, including our school, save energy and reduce greenhouse gasses in the following ways:

We could turn out light during the 1/2 hour period of school. We also could encourage walking to school, open the windows instead of air conditioning. Every Tuesday and Friday we get hot lunch driven in from Joeg's. Instead we could get lunch from a place closer by.

In the village there could be a "Lights Out" challenge for an entire day. The whole village would just not use lights for 24 hours. Also, a lot of people go into Sackville for work or shopping, carpooling with neighbors and friends would reduce CO₂ emissions.

Sincerely,
The Diatoms

Thursday, February 5th, 2015
Mayor Jerome Bear and Dorchester Village Council
Village of Dorchester
4984 Main Street
Dorchester NB E4K 2Z1

Dear, Mayor Bear and Council,

We, the students in grades 7/8 at Dorchester Consolidated School, are happy to know that our village is taking action against climate change and thinking about our future by being part of the Partners for Climate Protection Program.

We would like to see the village, including our school, save energy and reduce greenhouse gasses in the following ways:

We could have a Dorchester public bus, it would help lower down pollution by having one main vehicle instead of multiple cars. Since there are a lot of farms, we could have a Dorchester Farmers Market. Since Dorchester is a small community, people should walk/run/bike more. We could use the windmill for more power in Dorchester. There's enough room up there for more. People in Dorchester can hang out their clothes. The prison should get solar power panels.

Sincerely,
Freya Milliken, Danika Ewcock, Maddy Holmes

- **Wind power.** Use the existing wind turbine. Could add more, there's room.
- **Save energy.** Use less water, hang clothes out to dry, open windows instead of using air conditioning, use rags instead of paper towel.
- **Local hydropower.** Explore installing a watermill.

Many of the students' ideas were incorporated into the municipal and community action plans presented on the next pages.

Presentation and Review of Local Action Plan with Council and Public

EOS staff presented the completed local action plan at the Dorchester Village council meeting on March 16th, 2015. Input, feedback and comments were provided and final changes were made.

Municipal Action Plan 2011-2021

Total emissions saved from the proposed activities in the Municipal action plan below could save 37 tonnes of green house gas emissions (or carbon dioxide equivalent). This will allow the municipality to reach its reduction target.

Priority Areas

The Dorchester Village Council has prioritized the following areas for energy savings and emissions reduction:

- Efficiency upgrades to municipal buildings
- Upgrades to municipal fleet

- Energy efficient street lighting (LEDs)
- Water and sewer upgrades
- Improve operational efficiencies with nearby Fort Folly First Nation

Activity	Lead/Partners	Resources Needed	Timeline	Estimated Emissions Reduction
1.Upgrades/Renovations to Municipal Buildings				
New roof and siding on Dorchester Veterans Community Centre at 4955 Main St.	Village council and staff	A grant was received to help cover some of the costs.	2014 (completed)	New roof and siding increases energy efficiency due to increasing insulating values.
Upgraded lighting in various buildings including the village office where the overhead lights were replaced with more energy efficient tubes. Also replaced the cases with ones that have latches so the covers can be easily lowered and will not break. (We had replaced dozens of the covers prior to this.)	Village council and staff	The municipal budget covered the costs of the upgrades.	2012 (completed)	Led tube lighting uses up to 41% less power than regular tube lighting.
Switch from propane to natural gas heating at the Fire Hall.	Village council and staff	Municipal budget covered all expenses.	2013 (completed)	Natural gas (consisting primarily of methane) generates about 17% fewer CO2 emissions per BTU than propane when burned
New roof and insulation for Village Office.	Village council and staff	Gas Tax fund, Municipal government savings covered the expenses.	2013 (completed)	New roof and insulation will save energy, reduce emissions and lower heating costs.

Activity	Lead/Partners	Resources Needed	Timeline	Estimated Emissions Reduction
2. Municipal Vehicle Fleet Upgrades				
Purchase a new, more fuel efficient tractor to clear snow from the rink, fire hydrants, and sidewalks, etc.	Village council and staff	The municipality covered the costs.	September 2014 (completed)	A litre of gasoline is generally accepted to emit 2.38kg of carbon dioxide. A more fuel efficient tractor will reduce emissions. Total savings will depend on how much it is used.
Purchase a new more fuel efficient fire truck.	Village council and volunteer fire department	A loan was used as well as accumulated savings set aside for the purchase of a fire truck were used.	Was purchased in 2013 (completed)	The 2013 International replaced the 1986 GMC truck. Fire trucks have an average fuel consumption rating of 4-8mpg (Centre for Transportation Analysis. http://cta.ornl.gov/cta/)
3. Energy Efficient Street Lighting				
105 new LED street lights installed throughout Dorchester	NB Power	None (renting lights from NB Power who installed the new lights.)	Summer 2014 (completed)	105 LED lights x 0.225 t CO2e/annually = 24 tonnes CO2e saved per year. (Savings of 0.225 t CO2 e based on NB Power's estimates)

Activity	Lead/Partners	Resources Needed	Timeline	Estimated Emissions Reduction
4. Improve Operational Efficiencies				
<p>Improve efficiencies between Dorchester and nearby Fort Folly First Nation (eg. EMO, water and sewer, service agreements updated, fire services, etc.). This will save time and money for the Village of Dorchester in particular with water and sewer services. Fort Folly accesses Dorchester's water and sewer but Dorchester currently does not help to maintain/manage the pipes, etc within Fort Folly land. By doing so it would save water and conserve energy. Additional leaks may be identified and could be fixed, saving the village water and energy.</p>	<p>Village council and Fort Folly</p>	<p>Community Infrastructure Partnership Program (FCM) Estimated cost to improve water and sewer infrastructure efficiencies between Fort Folly and Dorchester: \$ 40,000</p>	<p>2015 and ongoing</p>	<p>Emissions reductions will depend on which efficiencies are implemented.</p>
<p>Rent Donna Cormier's Garage (at 8 Station Rd) for town shop (closer, less travel, saves money, saves wear and tear on vehicles). The municipality is in dire need of a building that the maintenance staff can work in. Municipality is insulating the garage and putting in electricity.</p>	<p>Village council and staff and</p>	<p>Will pay rent to Donna Cormier. Municipality is covering the expenses for this renovation and that will be taken into account for the rental cost. The first three years will be rent free. After that it is expected that rent will be about \$300/month.</p>	<p>2015 (currently being renovated)</p>	<p>Reduced driving time equals less gas used and less maintenance needed on the vehicle fleet. A litre of gasoline is generally accepted to emit 2.38kg of carbon dioxide. A more fuel efficient tractor will reduce emissions. Total savings will depend on how much it is used.</p>

Activity	Lead/Partners	Resources Needed	Timeline	Estimated Emissions Reduction
5. Water and Sewer Upgrades				
Lift station at 2 Water St needs to be rebuilt in order to reduce its energy footprint. The electric panel must also be replaced. The backup pumps must be replaced and the building is in need of repair.	Village council and staff	Funding will come from the Gas Tax Fund Cost: \$140,000 estimate	No date set yet.	One upgraded pump could save around 50kg of C02e per year. The repairs to the lift station will result in further emissions reduction.

Community Action Plan 2011-2021

It is expected that the community action plan will result in a 6% reduction in greenhouse gas emissions or 384 t C02e. The plan focuses on educating the local public to make sustainable choices in their everyday lives.

Priority Areas

The priorities for saving energy and reducing emissions across the community of Dorchester include:

- Changing behaviors with public education
- Residential waste reduction
- Development and implementation of an anti—idling policy
- Saving water (rain barrel workshops)
- Buy local (establishment of a farmers market)
- Working with the Dorchester Penitentiary (Corrections Canada) to reduce energy and emissions

- Implement community recognition and rewards for those who save the most energy

Activity	Lead/Partners	Resources Needed	Timeline	Estimated Emissions Reduction
1. Public Education Campaign				
<p>Village staff will put energy saving tips in the Dorchester Community Newsletter (could be about appliances, heating, insulation, etc.).</p> <p>Town could also send additional informative flyers in the mail to all Dorchester addresses.</p>	<p>Village staff and partners such as EOS Eco-Energy, NB Power, etc.</p>	<p>None needed other than staff time add tips to existing monthly community newsletter. Funds needed for special mail-outs to Dorchester addresses. Cost per mail out is about \$75.</p>	<p>Ongoing</p>	<p>If local residents, businesses and institutions follow the tips and information provided and save energy then significant emissions can be reduced.</p>
<p>Use local community radio to broadcast energy saving tips as well.</p>	<p>Village staff, Tantramar Radio, etc.</p>	<p>Time/volunteers to develop energy saving tips.</p>	<p>Ongoing</p>	<p>If local residents, businesses and institutions follow the tips and information provided and save energy then significant emissions can be reduced.</p>
<p>Presentations on energy efficiency, heritage buildings and efficiency retrofits, energy conservation, etc.</p>	<p>Village of Dorchester in partnership with EOS Eco-Energy, NB Power, Heritage Society, etc.</p>	<p>Could be done for no cost depending on presenters chosen for events. Use municipally owned venue (Rec Centre, Dorchester Veterans Hall, etc). Announce events for free in Dorchester Newsletter and on social media. If Village hires a project coordinator the cost could be \$5-10,000 for a series of presentations and community education events.</p>	<p>Ongoing</p>	<p>If local residents, businesses and institutions follow the tips and information provided and save energy then significant emissions can be reduced.</p>
<p>Promote solar energy with workshop series, bulk purchase of</p>	<p>EOS Eco-Energy</p>	<p>EOS has applied for grants from EcoAction, the</p>	<p>2015-2016</p>	<p>The average family of 4 in Canada 9600kwh of electricity</p>

Activity	Lead/Partners	Resources Needed	Timeline	Estimated Emissions Reduction
solar panels and solar potential mapping for Dorchester.		Environmental Trust Fund and the Green Investment Fund		annually. In New Brunswick this translates into 2,419kg of CO ₂ . Thus, each house that switches to solar in Dorchester could save 2,419kg of CO ₂ .
2. Residential Waste Reduction				
The village office will implement the wet/dry garbage collection system for homes in Dorchester starting in May 2015. Guides will be available at village office, post office, etc. Compost bins will also be encouraged. Organize a community trip to Westmorland-Albert Solid Waste.	Village council and staff	None needed other than staff time to educate residents on new garbage separation rules.	Spring 2015	The wet/dry program recycles or composts 51% of residential waste collected (Westmorland-Albert Solid Waste) this means that half of the garbage currently collected in Dorchester will be kept out of the landfill and reduce related GHG gases.
3. Anti-Idling Policy				
Village staff and partners will create an anti-idling policy, educate/raise awareness and enforce it.	Village staff and council	Staff time develop, implement, and enforce the policy. No additional costs unless permanent signage is erected in the village. Cost of signs could be \$100 to \$1000 depending on number and style. Fines for idling could help cover this cost.	2017-2018	If the average midsize car were to idle for an hour it would use 0.76L of gas. This translates to 1.8 kg of CO ₂ for every hour a car idles. In addition for every two minutes a car idles it uses enough gas to travel about 1.5 km.
4. Saving Water				
Have EOS and Eco-Container Co. organize a DIY Rain Barrel workshop in Dorchester.	EOS and Eco-Container Co.	Possibly funding needed to cover expenses of speaker's time (\$200). Participant registration fees could help	Summer 2015 or summer 2016	The average savings from a rain barrel is generally regarded as 4900L annual. Rain barrels have the potential

Activity	Lead/Partners	Resources Needed	Timeline	Estimated Emissions Reduction
		cover expenses such as venue, rain barrel materials and catering (about \$25 per person).		to save Dorchester a lot of water and energy.
Education campaign to reduce water use and conserve. Water and sewer accounts for the second largest percentage of municipal emissions in Dorchester. Municipal staff have already been active in trying to find and reduce the cost of the increased water use in the village. It is also noted that the Dorchester Penitentiary is a large use of water.	Village staff and council with community partners such as EOS Eco-Energy	Some funding may be needed for literature, posters, mail-outs, etc. Each mailout to addresses in Dorchester is \$75.	Ongoing. Awareness of increased water use in the Village has been in the monthly village newsletters.	If local residents, businesses and institutions follow the tips and information provided and save energy then significant emissions can be reduced.
5. Dorchester Penitentiary				
Village to meet with Dorchester Penitentiary representatives to develop a special energy reduction plan for the prison. It could involve use of existing wind turbine, compost program, water use, etc.)	Village staff and council in partnership with Corrections Canada/Dorchester Penitentiary	None needed other than staff time.	In the intermediate term.	Amount of savings will depend on commitment by Corrections Canada.
6. Buy Local				
Local residents are organizing a farmers market. It will offer local shopping and promote buying local. The ability to buy produce and other items in Dorchester will reduce the need to drive to Sackville or Moncton.	Farmers Market community group	Volunteers, vendors, etc.	Spring 2015	Driving less saves fuel which reduces emissions. One litre of gasoline emits 2.38kg of CO2.

Activity	Lead/Partners	Resources Needed	Timeline	Estimated Emissions Reduction
7. Community Rewards and Recognition				
Encourage participation in the action plan to reduce emissions by having a year-long competition in Dorchester to save energy. The power customer that saves the largest percentage on his/her power bill over the course of one year will be rewarded with \$100 off their next power bill. Could use the Dorchester Village Newsletter to promote the program.	Village staff and community partners	Funds to cover the recognition/reward (\$100/year). Could come from municipal savings. Village staff and council time to promote the community competition.	2016	If local residents, businesses and institutions follow the tips and information provided and save energy then significant emissions can be reduced.

Implementation, Monitoring and Reporting (Milestone 4 and 5)

The Village of Dorchester council and staff will be responsible for implementing the municipal action plan and meeting their target by 2021. The community groups outlined in the community action will be responsible for implementing their activities outlined in the community plan by 2021. Progress will be monitored regularly and an emissions inventory will be performed around the year 2018 to gauge improvement and how close both the municipal government and wider community are to reaching their targets by 2021. Additional inventories will be performed as needed. Once the targets have been reached a final report will be submitted to the PCP program. Progress throughout the rest of the milestones will also be communicated to the public through a variety of means such as the local paper, community meetings and social media.

Appendices

Appendix 1 - Selected Media Coverage



Appendix 2 – Dorchester PCP Summary Handout for the Public



Dorchester: Partner for Climate Protection (PCP)

What is the PCP program?

Dorchester joined the PCP program in 2001. The PCP program is a network of municipal governments that have committed to reducing greenhouse gas emissions (GHG) and acting on climate change. It is a program of the Federation of Canadian Municipalities and part of an international initiative of the ICLEI (International Council for Local Environmental Initiatives).

There are five milestones to complete in order to reduce GHG emissions

1. Create a GHG emissions inventory and forecast
2. Set an emissions reduction target
3. Develop a local action plan
4. Implement the plan and activities
5. Monitor progress and report results

Benefits of the program

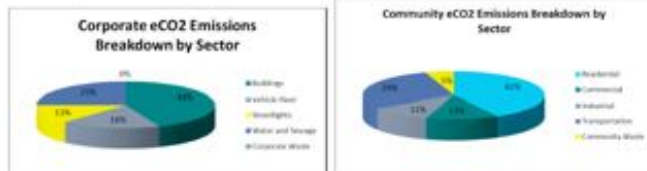
- Reduced emissions
- Cost savings (eg. turn lights off, drive less, save power, etc.)
- Job creation and local economic development (eg. Transit drivers, renewable energy jobs, etc)
- More environmentally friendly and liveable community

Where is Dorchester at now?

Over the last two years the Village has completed milestones 1 and 2 (emissions inventory and reduction target). Milestone 1 involved an inventory of GHG emissions from both municipal operations (eg. Buildings, lighting, water treatment, waste water treatment, municipal vehicles, and solid waste) and the community (including institutions, businesses, industry, transportation and residential waste).

Results of the inventory was:

Municipal GHG emissions = 185 metric tonnes of carbon dioxide equivalent (t CO₂e)
Community GHG emissions = 6,402 t CO₂e

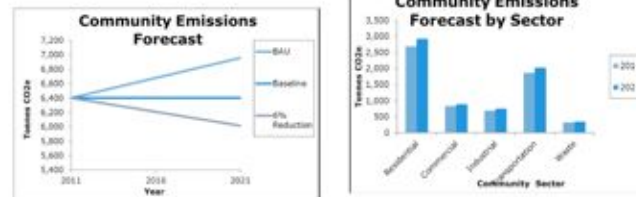


EOS Eco-Energy Inc.
P.O. Box 6001, Sackville, New Brunswick E4L 1G6
506 536 4487
www.eosenergy.com

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B.P. 6001, Sackville (New Brunswick) E4L 1G6
506 536 4487
www.eosenergy.com

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Predicted greenhouse gas emissions for Dorchester:



Emissions reduction targets

The Village Council has agreed to reduce emissions from municipal operations by 20% by 2021. Dorchester Council and EOS urged local residents, businesses, institutions and industry to agree to reduce their emissions by at least 6% by 2021. This equals a reduction of 384 t CO₂e or less than half a metric tonne of CO₂e by 2021 per resident. One tonne equals 42 propane cylinders for BBQs or 424 L of gas consumed.

Next step – Milestone 3

Get in touch with EOS if you'd like to sit on a the local committee that will design the emissions reduction plan, or if you'd like to be part of one of the planning sessions. The plan will only be successful if it has a range of input by local folks.

Potential ways to reach the target:

- Common transportation (eg. Carshares, etc)
- Use more solar photovoltaic technology (for electricity, install solar panels)
- Solar hot water systems
- Energy efficiency campaigns
- Waste reduction campaigns
- Water conservation campaigns, rain barrels
- Energy efficient retrofits to more houses
- Purchase of Energy Star appliances to replace older models and in new builds

For more information and examples of PCP work from other communities across Canada, go to:

<http://www.fcm.ca/home/programs/partners-for-climate-protection.htm>

To get in touch with EOS: 536-4487 or eos@nb.albn.com

EOS Eco-Energy Inc.
P.O. Box 6001, Sackville, New Brunswick E4L 1G6
506 536 4487
www.eosenergy.com

EOS Eco-Energy Inc.
B.P. 6001, Sackville (New Brunswick) E4L 1G6
506 536 4487
www.eosenergy.com

2