

Climate Action Revenue Incentive Program (CARIP) Public Report

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Public Report for YEAR 2013

City of Parksville

Regional District of Nanaimo



Report Submitted by

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General Information

Name of Local Government	City of Parksville
Member of Regional District (RD)	Regional District of Nanaimo
Regional Growth Strategy (RGS) in region	Yes
Population	12,000

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Community Wide Actions for 2013

1.1 Measure

Community Wide Measurement Actions

Question	Have you been using the Community Energy and Emissions Inventory (CEEI) to measure progress? What else have you been using instead of/in addition to CEEI?
Answer	No
Additional Information	Not funded or resourced for this activity at this time.

1.2 Plan

Community Wide Targets

Question	Does your OCP(s) have targets, policies and actions to reduce GHG emissions, as per the requirements under the <i>Local Governments Act (LGA)</i> ? If yes, please identify the targets set. If no or in progress, please comment.
Answer	Yes
Additional Information	Seek to reduce per capita GHG emissions by 33% of 2007 levels, by the year 2020

1.3 Reduce

Supportive Community Wide Actions

Action Type	Broad Planning
Actions Taken this Year	New OCP adopted / Transportation Plan under review
Proposed Actions for Next Year	Begin implementation of OCP policies / continue transportation plan review

Action Type	Building and Lighting
Actions Taken this Year	New OCP adopted with supporting policies.
Proposed Actions for Next Year	Supported and encouraged in new OCP

Action Type	Energy Generation
Actions Taken this Year	None
Proposed Actions for Next Year	Awaiting for broad inclusion within BC Building Code

Action Type	Green Space
Actions Taken this Year	New OCP adopted contains park acquisition policies
Proposed Actions for Next Year	Implement new policies as opportunities arise

Action Type	Transportation
Actions Taken this Year	Draft Transportation Plan which includes sustainable transportation planning consideration in progress and under review by Engineering Department.
Proposed Actions for Next Year	Transportation Plan Update public open house and adoption. The Update includes sustainable transportation planning items such as formalized Bicycle Network, formalized Pedestrian Network, considerations regarding establishment of Zero Emissions Vehicle zone.

Action Type	Waste
Actions Taken this Year	Already have zero waste system in place provided by Regional District (RDN)
Proposed Actions for Next Year	Continue to work with Regional District on zero waste program

Action Type	Water/Sewer
Actions Taken this Year	Participate in regional Water Smart program with RDN. Four year low flush toilet rebate program completed
Proposed Actions for Next Year	Continue to work with RDN Water Smart program. Signed onto BC Water Use Reporting Centre.

Action Type	Other Actions
Actions Taken this Year	
Proposed Actions for Next Year	

Direct Community Wide Actions

Action Type	Buildings
Actions Taken this Year	Adopted New OCP / already administer checklist ration
Proposed Actions for Next Year	Utilize new Development Permit Area guidelines to achieve goals / continue checklist administration

Action Type	Energy Generation
Actions Taken this Year	Feasibility of a neighbourhood geothermal system Investigated
Proposed Actions for Next Year	Hiring an Energy Auditor to identify City equipment and facilities where energy savings and/or generation can be realized. This will be used to set an example for the community.

Action Type	Transportation
Actions Taken this Year	Several road improvement projects completed including approximately 750 meters of bike lanes. Installed three Electric vehicle charging stations on City property to demonstrate community leadership in energy savings efforts.
Proposed Actions for Next Year	Capital projects identified that include over 4 km of new bike lanes.

Action Type	Waste
Actions Taken this Year	Zero waste system in place provided by RDN
Proposed Actions for Next Year	Continue to work with RDN on zero waste program

Action Type	Water/Sewer
Actions Taken this Year	Updated progressive water rate system that encourages conservation
Proposed Actions for Next Year	Continue with water conservation pricing policy

Action Type	Green Space
Actions Taken this Year	Worked with Tree Canada in two of our parks to plant 200 plus trees to show community leadership.
Proposed Actions for Next Year	Continue to work with Tree Canada.

Action Type	Other Actions
Actions Taken this Year	
Proposed Actions for Next Year	

Question	Is there any activity that you have been engaged in over the past year(s) that you are particularly proud of and would like to share with other local governments? Please describe and add links to additional information where possible.
Answer	Adoption of new OCP with inclusion of GHG reduction targets and sustainability principles . Participation with the RDN – Water Smart & Drinking Water and Water Protection program. The City has seen significant reductions in water usage.

Corporate Actions for 2013

2.1 Measure

Corporate Measurement Actions

Question	What steps has your local government taken toward completing its corporate emissions inventory?
Answer	The City of Parksville maintains an annual record of all energy purchases, including costs and units purchased, for all energy sources that result in corporate emissions. The City of Parksville also collaborates with the Regional District of Nanaimo to translate energy units purchased into tonnes of Carbon Dioxide equivalent using standard, readily available conversion factors.

Question	What tool are you using to measure, track and report on your corporate emissions?
Answer	Excel spreadsheets are used to maintain annual records for all energy purchases, and uses billing and consumption data available on the BC Hydro and FortisBC websites. The City has access to the SmartTool as a result of a joint, regional purchase with the RDN and other member municipalities. RDN compiles the emissions for the City.

2.2 Reduce

Supportive Corporate Actions

Action Type	Broad Planning
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Building and Lighting
Actions Taken this Year	
Proposed Actions for Next Year	Hiring an Energy Auditor to identify City equipment and facilities where energy savings and/or generation can be realized.

Action Type	Energy Generation
Actions Taken this Year	
Proposed Actions for Next Year	Hiring an Energy Auditor to identify City equipment and facilities where energy savings and/or generation can be realized.

Action Type	Transportation
Actions Taken this Year	Participated in and promoted Bike-To-Work week.
Proposed Actions for Next Year	Continue to participate and promote Bike-To-Work week.

Action Type	Water/Sewer
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Other Actions
Actions Taken this Year	
Proposed Actions for Next Year	

Direct Corporate Actions

Action Type	Building and Lighting
Actions Taken this Year	Installed three Electric vehicle charging stations on City property. Installed Heat Pump for Public Works building. Testing of LED street lighting at several locations is taking place.
Proposed Actions for Next Year	Report to Council on direct actions identified by Energy Auditor and request funding as required.

Action Type	Energy Generation
Actions Taken this Year	
Proposed Actions for Next Year	Report to Council on direct actions identified by Energy Auditor and request funding as required.

Action Type	Fleet
Actions Taken this Year	Review fleet requirements to "right-size" our fleet for our needs.
Proposed Actions for Next Year	Continue to review fleet requirements to "right-size" our fleet for our needs.

Action Type	Waste
Actions Taken this Year	Paper recycling program in place at City facilities
Proposed Actions for Next Year	Continue to work with RDN on zero waste program

Action Type	Water/Sewer
Actions Taken this Year	Introduced new type of hanging baskets to cut watering from 7 days/week to 4 days/week. Master valves installed in more areas of City to have more shut off zones when a leak is detected. Community park sportsfield renovation included more zones so smaller areas can be watered if not all areas are dry. Flow sensor installed in field so water can automatically be shut off if excess flow is detected (indicating a leak).
Proposed Actions for Next Year	Continue to install new rain sensors throughout the City.

Action Type	Green Space
Actions Taken this Year	Worked with Tree Canada in two of our parks to plant 200 plus trees.
Proposed Actions for Next Year	Continue to work with Tree Canada.

Action Type	Other Actions
Actions Taken this Year	
Proposed Actions for Next Year	

2.3 Corporate Innovation

Question	Is there any activity that you have been engaged in over the past year(s) that you are particularly proud of and would like to share with other local governments? Please describe and add links to additional information where possible.
Answer	We have permission from the Okanagan Basin Water Board to use their reporting tool as a central deposit for both surface and well water use. This will be employed as our central repository of water use information, compare to other jurisdictions, will help us with annual report and conform to the new Water Act well water reporting standards coming out this year.

Carbon Neutral Progress Reporting

3.1 Carbon Neutral Progress Reporting

Emissions/Offsets	Tonnes CO2e
Annual corporate emissions using SMARTTool or equivalent inventory tool	304.3
<i>Emissions from services delivered directly by the local government</i>	304.3
<i>Emissions from contracted services</i>	
Less: GHG reductions being claimed for this reporting year from Option 1 - GHG reduction project	304.3
<i>Energy Efficient Building Retrofits and Fuel Switching</i>	
<i>Solar Thermal</i>	
<i>Household Organic Waste Composting</i>	304.3
<i>Low Emissions Vehicles</i>	
Less: GHG reductions being claimed for this reporting year from Option 2 - GHG reduction projects	0
<i>Option 2 Project A</i>	
<i>Option 2 Project B</i>	
<i>Sum of Other Option 2 Projects (if you have added projects below)</i>	0
Less: <i>Offsets purchased for this reporting year (Option 3). Please identify your offset provider in the offset provider information section below.</i>	
Balance of corporate emissions for this reporting year. <i>(If the corporate emissions balance is zero, your local government is carbon neutral for this reporting year)</i>	0
Additional "Option 2" Projects	
<i>Option 2 Project C</i>	
<i>Option 2 Project D</i>	
<i>Option 2 Project E</i>	
<i>Option 2 Project F</i>	
<i>Option 2 Project G</i>	
<i>Option 2 Project H</i>	

3.2 Making Progress on Your Carbon Neutral Commitment

Question	If your community has not achieved carbon neutrality for this reporting year please describe the actions that you intend to take next year to move you toward your carbon neutral goal.
Answer	

3.3 Offset Provider Information

Question	Please Identify the name(s) of your offset provider(s) (Please answer below):
Answer	"Offset provider not required." "

Question	The offsets being claimed in this CARIP Report were purchased from the offset provider(s) indicated above prior to making this CARIP report public (please indicate yes or no):
Answer	

Question	If your community has not achieved carbon neutrality for this reporting year please describe the actions that you intend to take next year to move you toward your carbon neutral goal.
Answer	