

Climate Action Revenue Incentive (CARIP) Public Report for 2011

Peace River Regional District



Reported by:

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Funding provided by:

Province of BC
Ministry of Community, Sport & Cultural Development
www.cscd.gov.bc.ca/lgd/greencommunities/carip.htm

General Information

Name of Local Government	<i>Peace River Regional District</i>
Member of Regional District (RD)	
Regional Growth Strategy (RGS) in region	<i>No</i>
Population (year)	<i>20,668</i>

Background

Climate action is a key provincial priority and local governments are vital partners in helping to reduce greenhouse gas (GHG) emissions and creating greener, more compact and energy-efficient communities.

This 2011 Climate Action Revenue Incentive Program (CARIP) Report is required to report on actions completed over the past year, and actions proposed for 2012, to reduce community-wide and corporate greenhouse gas emissions (GHG) in the Peace River Regional District.

CARIP is a conditional grant program that provides funding to Climate Action Charter (Charter) signatories equivalent to 100 percent of the carbon taxes they pay directly. In 2010, the Peace River Regional District received a CARIP grant of \$2,465.00. This funding supports local governments in their efforts to reduce GHG emissions and move forward on achieving their Charter goals.

As a signatory to the Climate Action Charter, the Peace River Regional District agrees:

- (1) To become carbon neutral in its operations by 2012;
- (2) To measure and report on the community's GHG emissions; and
- (3) To create a complete, compact, and energy-efficient community.

To be eligible for the conditional grant, local governments must report publicly on their plan and progress toward meeting their climate action goals by December 31st of each year.

This plan fulfills the reporting requirements of 2011.

For more information about the Climate Action Revenue Incentive Program go to:

<http://www.cscd.gov.bc.ca/lgd/greencommunities/carip.htm>

1.0 Community Wide Actions for 2011

1.1 Measure

1.1.1 Community Wide Measurement Actions

Question	Have you been using the Community Energy and Emissions Inventory (CEEI) to measure progress?
Answer	Yes

1.2 Plan

1.2.1 Community Wide Targets

Question	Do your OCP(s) have targets, policies and actions to reduce GHG emissions, as per the requirements under the Local Governments Act (LGA)?																																																							
Additional Information	<p>Two out of four Official Community Plans (OCP) have GHG targets adopted. GHG targets have been prepared for all OCPs, waiting for adoption of final two OCPs. Targets are as follows: Greenhouse Gas Emission Reduction Targets were developed for each OCP Area in the PRRD's unincorporated areas using a combination of value assessment from community input and technical analysis. The following reduction targets are proposed for incorporation into each OCP:</p> <table border="1"> <thead> <tr> <th>OCP Area</th> <th>Reduce GHG emissions by 2020 (from 2007 levels)</th> <th>Reduce GHG emissions by 2030 (from 2007 levels)</th> <th>Reduce GHG emissions by 2050 (from 2007 levels)</th> </tr> </thead> <tbody> <tr> <td>North Peace Fringe</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Community Reduction</td> <td>5%</td> <td>15%</td> <td>80%</td> </tr> <tr> <td><i>Per Capita Reduction</i></td> <td>30%</td> <td>50%</td> <td>--</td> </tr> <tr> <td>South Peace Fringe</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Community Reduction</td> <td>15%</td> <td>30%</td> <td>80%</td> </tr> <tr> <td><i>Per Capita Reduction</i></td> <td>25%</td> <td>40%</td> <td>--</td> </tr> <tr> <td>West Peace Fringe</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Community Reduction</td> <td>20%</td> <td>40%</td> <td>80%</td> </tr> <tr> <td><i>Per Capita Reduction</i></td> <td>25%</td> <td>40%</td> <td>--</td> </tr> <tr> <td>Rural</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Community Reduction</td> <td>5%</td> <td>15%</td> <td>80%</td> </tr> <tr> <td><i>Per Capita Reduction</i></td> <td>25%</td> <td>45%</td> <td>--</td> </tr> </tbody> </table>				OCP Area	Reduce GHG emissions by 2020 (from 2007 levels)	Reduce GHG emissions by 2030 (from 2007 levels)	Reduce GHG emissions by 2050 (from 2007 levels)	North Peace Fringe				Total Community Reduction	5%	15%	80%	<i>Per Capita Reduction</i>	30%	50%	--	South Peace Fringe				Total Community Reduction	15%	30%	80%	<i>Per Capita Reduction</i>	25%	40%	--	West Peace Fringe				Total Community Reduction	20%	40%	80%	<i>Per Capita Reduction</i>	25%	40%	--	Rural				Total Community Reduction	5%	15%	80%	<i>Per Capita Reduction</i>	25%	45%	--
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Question	If you are a Regional District, does your Regional Growth Strategy have targets, policies and actions to reduce GHG emissions, as per the requirements under the <i>Local Government Act</i> (LGA)?																																																							
Answer	No - The PRRD does not have a Regional Growth Strategy.																																																							

1.3 Reduce

1.3.1 Supportive Community Wide Actions

Action Type	Broad Planning
Actions taken this year	<i>Adopted "Rural OCP By-law No. 1940, 2011" covering 20,000 square kilometers, including adoption of greenhouse gas (GHG) targets and compact community principle</i>
Proposed actions for next year	<ol style="list-style-type: none"> 1. Complete new OCP for South Peace Fringe Area 2. Regional Agricultural Area Plan 3. Initiate new OCP for West Peace Fringe Area

Action Type	Building and Lighting
Actions taken this year	<i>Completed feasibility research for locally-funded building energy efficiency retrofit incentive program</i>
Proposed actions for next year	<i>Initiate regional service for building energy efficiency retrofit program (pending board approval)</i>

Action Type	Green Space
Actions taken this year	<i>Initiated Regional Parks & Trails Master Plan</i>
Proposed actions for next year	<i>Complete Regional Parks & Trails Master Plan</i>

Action Type	Waste
Actions taken this year	<i>Recycling education programs</i>
Proposed actions for next year	<ol style="list-style-type: none"> 1. Work with municipalities to facilitate curb-side recycling collection (pending new provincial stewardship programs) 2. Work with member municipalities to develop recycling initiatives for construction and demolition products 3. Work with agriculture sector to develop agricultural plastics pilot program

Action Type	Water/Sewer
Actions taken this year	<i>Completed feasibility research for alternative on-site sewer disposal to reduce rural lot size by 50% and contribute to in-fill opportunities and maintain compact communities</i>
Proposed actions for next year	<i>Conduct proof-of-concept pilots for alternative on-site sewer options</i>

Action Type	Transportation (e.g. developed sustainable transportation plan, completed bicycle master plan)

Actions taken this/next year	<i>None</i>
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Action Type	Energy Generation (e.g. signed on to provincial 'solar ready' regulation, explored options for bio-heating for buildings)
Actions taken this/next year	<i>None</i>

1.3.2 Direct Community Wide Actions

Action Type	Buildings
Actions taken this year	Initiated new building bylaw for entire Regional District
Proposed actions for next year	Complete and implement new building bylaw Public education concerning solar ready construction

Action Type	Green Space (e.g. plant trees, conserve forest etc.)
Proposed actions for next year	Park and trail restoration as recommended by " <i>Parks & Trails Master Plan</i> "

Action Type	Waste (e.g. introduce composting and recycling programs)
Proposed actions for next year	<i>Recycling program, including education and outreach</i>
Action Type	Transportation (e.g. implement bike lanes, pedestrian paths, upgrade transit service and infrastructure, improve roads, parking fees, etc.)
Actions taken this/next year	<i>None</i>

Action Type	Water/Sewer (e.g. implement water conservation and reduction initiatives)
Actions taken this/next year	<i>None</i>

Action Type	Energy Generation (e.g. implement district energy, geothermal, solar)
Actions taken this/next year	<i>None</i>

1.4 Community Wide 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?
Answer	<i>Completed feasibility research for locally funded building energy efficiency retrofit incentive program.</i> <i>Completed feasibility research for alternative on-site sewer disposal to reduce rural lot size by 50% and contribute to infill opportunities and maintain compact communities.</i>

Corporate Actions for 2011

2.1 Measure

2.1.1 Corporate Measurement Actions

Question	What steps has your local government taken toward completing its corporate emissions inventory?
Answer	<i>Completed Corporate Energy Plan and Energy & Emissions Inventory</i>

Question	What tool are you using to measure, track and report on your corporate emissions (e.g. SMARTtool, other tools including excel spreadsheets)?
Answer	<i>Tracking on Excel spreadsheet</i>

2.2 Reduce

2.2.1 Supportive Corporate Actions

Action Type	<i>Broad Planning</i>
Proposed Actions for Next Year	Staff training for Climate Action and Carbon Neutral Initiatives

Action Type	<i>Building and Lighting</i>
Actions taken this year	Energy efficiency evaluation of main office
Proposed actions for next year	<ul style="list-style-type: none"> • Evaluate other PRRD building for retrofit • Promote energy efficiency with staff • Develop an energy efficiency building policy

Action Type	<i>Energy Generation</i>
Actions taken this year	Funding application for landfill gas collection
Proposed actions for next year	Investigate feasibility of landfill gas collection for small energy generation
Action Type	<i>Waste (e.g. completed waste audit of City Hall)</i>
Proposed actions for next year	<i>Perform waste audit for PRRD buildings</i>

Action Type	<i>Transportation</i> (e.g. created anti-idling policy for city vehicles, bike to work week promotion)
Actions taken this/next year	None
Action Type	<i>Water/Sewer</i> (e.g. completed study of sewer and water energy use)
Actions taken this/next year	None

2.2.3 Direct Corporate Actions

Action Type	Building and Lighting (e.g. energy efficiency retrofits to municipal buildings)
Actions taken this year	<i>Installed solar thermal hot water heat for main office. Retrofit of main office heating system with high efficiency furnaces and hydronic heating.</i>

Action Type	Fleet (e.g. anti-idling policies for fleet vehicles, purchasing of hybrid)
Actions taken this year	<i>Consolidation of individual use vehicles into a common pool. Increased carpooling. Use of right right-size/life cycle vehicle purchase policy.</i>
Proposed actions for next year	<i>Investigate feasibility of tracking contractor vehicle emissions.</i>

Action Type	Waste (e.g. introduction of composting and recycling programs and education)
Proposed actions for next year	<i>Consolidate and reduce number or rural transfer stations using compaction technology to reduce transportation costs and emissions.</i>

Action Type	Water/Sewer (e.g. initiated water conservation and reduction initiatives)
Actions taken this year	<i>Water meters installed for Fort St. John Airport subdivision water system.</i>
Proposed actions for next year	<i>Charlie Lake sewer capacity review to maximize infrastructure efficiency.</i>

Action Type	Other Actions
Proposed actions for next year	<ul style="list-style-type: none"> • <i>Landfill gas collection system for Fort St John Landfill</i> • <i>Greater use of webinars for training to reduce staff travel</i>

Action Type	Green Space (e.g. planting of trees)
Actions taken this/next year	<i>None</i>

Action Type	Energy Generation (e.g. implemented heat recovery systems, solar)
Actions taken this/next year	<i>None</i>

2.3 Corporate Innovations

2.3.1 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	Continue to mitigate and reduce emissions and investigate options for purchase of carbon offsets.