

Climate Action Revenue Incentive Plan (CARIP) Public Report

Climate Action Revenue Incentive (CARIP) Public Report for YEAR

*City of Prince George
RD Fraser-Fort George*

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General Information

Name of Local Government

Member of Regional District (RD)

Regional Growth Strategy (RGS) in region

Population

City of Prince George

RD Fraser-Fort George

No

84,000

Community-Wide Actions for 2012

1.1 Measure

Community-Wide Measurement Actions

Question	Have you been using the <i>Community Energy and Emissions Inventory (CEEI)</i> to measure progress? What else have you been using instead of/in addition to CEEI?
Answer	Yes
Additional Information	<i>We have also monitored and reported on measures to FCM Partners for Climate Protection(PCP) program, based on progress on the City of Prince George's Energy and Greenhouse Gas Management Plan of 2007. Prince George is the fifth LG in Canada to achieve FCM PCP Milestone 5 for measuring and reporting.</i>

1.2 Plan

Community-Wide Targets

Question	Do 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	<i>The current OCP uses the Council approved PCP targets set in 2007, which are: 10% corporate reduction from 2002 levels by 2012 and 2% community reduction from 2002 levels by 2012. The updated OCP has been approved with these targets incorporated into the document.</i>

Question	If you are a Regional District, does your RGS 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.
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Answer	
Additional Information	

1.3 Reduce

Supportive Community-Wide Actions

Action Type	Broad Planning (e.g. creation/revision of OCPs, CEPs, transportation plans)
Actions Taken this Year	<i>OCP with targets approved</i>
Proposed Actions for Next Year	

Action Type	Building and Lighting (e.g. developed green building policy, increased density in the downtown)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Energy Generation (e.g. signed on to provincial 'solar ready' regulation, explored options for bioheating for buildings)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Green Space (e.g. developed urban forestry policy, adopted park acquisition policy)
Actions Taken this Year	
Proposed	

Actions for Next Year	
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Action Type	Transportation (e.g. developed sustainable transportation plan, completed bicycle master plan)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Waste (e.g. introduced composting and recycling education programs)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Water/Sewer (e.g. participated in water smart initiatives, implemented Water Action Plan, introduced rebates on low flush toilets)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Other Actions
Actions Taken this Year	<i>Developing property tax insert; hosting and supporting Climate Smart Business session; review potential for upgrades to Downtown Revitalization Tax Exemption Bylaw</i>
Proposed	

Actions for Next Year	
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Direct Community-Wide Actions

Action Type	Buildings (e.g. implement use of sustainability checklists and development permit guidelines for new buildings)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Energy Generation (e.g. implement district energy, geothermal, solar)
Actions Taken this Year	<i>Completed District Energy System using wood waste and converting to heat for several City owned buildings and facilities.</i>
Proposed Actions for Next Year	<i>Work with building owners close to the DES to implement additional hook-ups to the DES. New RCMP building to be hooked up to the DES.</i>

Action Type	Transportation (e.g. implement bike lanes, pedestrian paths, upgrade transit service and infrastructure, improve roads, parking fees etc.)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Waste (e.g. introduce composting and recycling programs)
Actions Taken this Year	
Proposed Actions for	

Next Year	
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Action Type	Water/Sewer (e.g. implement water conservation and reduction initiatives)
Actions Taken this Year	<i>Ongoing work and promotion of the Water Conservation Plan.</i>
Proposed Actions for Next Year	

Action Type	Green Space (e.g. plant trees, conserve forest etc.)
Actions Taken this Year	
Proposed Actions for Next Year	

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

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? Please describe and add links to additional information where possible.
Answer	

Corporate Actions for 2012

2.1 Measure

Corporate Measurement Actions

Question	What steps has your local government taken toward completing its corporate emissions inventory (e.g. corporate assets identified related to energy and fuel data and calculated GHG emissions from energy use)?
Answer	<i>Utility usage is tracked for all hydro and natural gas consumption in corporate facilities. This data added to fleet consumption of fuel enables us to calculate greenhouse gas emissions.</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>Excel spreadsheets.</i>

2.2 Reduce

Supportive Corporate Actions

Action Type	Broad Planning (e.g. developed corporate climate action plan)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Building and Lighting (e.g. developed energy reduction plan for all corporate buildings)
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Actions Taken this Year	Promote <i>energy awareness through intranet and other avenues.</i>
Proposed Actions for Next Year	Promote <i>energy awareness through intranet and other avenues.</i>

Action Type	Energy Generation (e.g. <i>undertook feasibility study of green energy generation for civic buildings</i>)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Transportation (e.g. <i>created anti-idling policy for city vehicles, bike to work week promotion</i>)
Actions Taken this Year	See <i>Fleet section for idling information.</i>
Proposed Actions for Next Year	

Action Type	Waste(e.g. <i>completed waste audit of City Hall</i>)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Water/Sewer (e.g. <i>completed study of sewer and water energy use</i>)
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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 (e.g. energy efficiency retrofits to municipal buildings)
Actions Taken this Year	<i>The new RCMP building will be constructed to LEED Gold standard. The facility was modeled for energy to optimize heating and cooling systems as well as building envelope. The net result is this new building will use 60% less energy than a structure built to National Building Code standards. Other retrofits include: first year operation of district energy system; furnace replacement in 18th Ave Yard and Studio2880; energy efficient ice maker in Civic Center; efficient boiler upgrade in Ospika Fire Hall; LED sign upgrade in Aquatic Center; lightinh upgrade in waste water facility and 2nd Ave parkade; install dimmer technology in street lights. Total savings from retrofit and upgrade projects estimated at 158,486 KWh and 33,740 GJ in natural gas.</i>
Proposed Actions for Next Year	<i>City Hall exterior light upgrade, demand control ventilation and A/C unit replacement; hook-up of electric DHW to District Energy System and rink lighting upgrade in Coliseum; DHW / Zamboni water upgrade, demand control ventilation and control system replacement in CN Center; Furnace upgrade in Elk Center; Parkade lighting upgrades; demand control ventilation in Kin Center and Harkins Library. Total energy reduction from proposed projects is estimated at 749,207 KWh. The new RCMP Building will require optimization to ensure energy components work to LEED Gold as targetted.</i>

Action Type	Energy Generation (e.g. implemented heat recovery systems, solar)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Fleet (e.g. anti-idling policies for fleet vehicles, purchasing of hybrid)
Actions Taken this Year	<i>Purchase of a 100% electric vehicle as a community program. Converting five light duty vehicles from gas to propane. Purchase and install a hybrid assist on a garbage truck. Implementation of a Fleet idling reporting system that measures and reports on vehicles idling and mileage. Completion of a city wide equipment operator</i>

	<i>training program that will include core sessions on fleet fuel efficiency while operating equipment. Implement of complete right sizing review of the City 200 units in service as a mechanism to reduce the total inventory of vehicles.</i>
Proposed Actions for Next Year	

Action Type	Waste (e.g. introduction of composting and recycling programs and education)
Actions Taken this Year	<i>Continuing discussions with RDDFG on a recycling program.</i>
Proposed Actions for Next Year	

Action Type	Water/Sewer (e.g. initiated water conservation and reduction initiatives)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Green Space (e.g. planting of trees)
Actions Taken this Year	<i>In 2012 we had the construction of Duchess Park which included the construction of an all inclusive playground for children with all types of mobility levels. The new washroom being built at Fort George Park will be wheelchair accessible and should be completed in May 2013. As well the 50 trees were planted in the new Duchess Park and another 25 were planted throughout the downtown, most were replacements for vandalized trees.</i>
Proposed Actions for Next Year	

Action Type	
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	Other Actions
Actions Taken this Year	<i>In Fort George Park we started installing an irrigation system which will be connected to the Sentinel system, which is a computer system that automatically controls the irrigation system for water conservation, should be completed in May 2013. The new washroom in Fort George Park also has motion censored faucets installed to save on water should be completed in May 2013.</i>
Proposed Actions for Next Year	

2.3 Corporate Innovations

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	

Carbon Neutral Progress Reporting

Tonnes CO2e

Annual corporate emissions using SMARTTool or equivalent inventory tool

Emissions from services delivered directly by the local government 7,479.7

Emissions from contracted services 1146.5

0

Less:

GHG reductions being claimed for this reporting year from Option 1 - GHG reduction project

Energy Efficient Building Retrofits and Fuel Switching

Solar Thermal

Household Organic Waste Composting

Low Emissions Vehicles

0

Less:

GHG reductions being claimed for this reporting year from Option 2 - GHG reduction projects

Please list all Option 2 Projects Implemented (insert title of the projects(s) as per project plan template. If you have more than two Option 2 projects you can add more lines at the bottom of this sheet)

Less:

Offsets purchased for this reporting year (Option 3). Please identify your offset provider in the offset provider information section below.

8,626.2

Balance of corporate emissions for this reporting year.

(If the corporate emissions balance is zero, your local government is carbon neutral for this reporting year)

Making Progress on Your Carbon Neutral Commitment

Question	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>
Answer	

Offset Provider	
We have already purchased	
Or, will purchase by June 1, 2013	