



City of Salmon Arm

Development Services Department Memorandum

To: Her Worship Mayor Cooper and Members of Council
Date: January 5, 2012
Subject: 2011 City of Salmon Arm Climate Action Progress Report

Council - Jan. 23/12

RECOMMENDATION

THAT: The 2011 City of Salmon Arm Climate Action Progress Report, attached as Appendix 1 in the Development Services Department memorandum dated January 5, 2012, be received as information.

In 2008, the City signed the BC Climate Action Charter, committing to become carbon neutral with respect to its corporate operations by 2012. As a signatory to the Charter, the City is eligible to apply for the annual Climate Action Revenue Incentive Program (CARIP) grant equal to the amount spent by the City on Carbon Tax each year. CARIP grants to the City are allocated to a reserve account for future Greenhouse Gas (GHG) emissions reduction projects to reach the City's carbon neutral goal or for the purchase of carbon offsets if this goal is not reached by 2012. Purchasing carbon offsets is another part of the City's commitments under the Charter.

In order for the City to be eligible for the CARIP grant, the City must report publicly on its progress in reducing and managing both corporate and community-wide GHG emissions to meet its climate action goals. 2010 was the first year this requirement came into effect. Local governments have been provided with a reporting template to be completed and made public. The 2011 City of Salmon Arm Climate Action Progress Report is attached as APPENDIX 1. By Council receiving this report as information, the public reporting requirement is satisfied. The report will also be placed on the City's website.


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Planning and Development Officer


Reviewed by: Corey Paiement, MCIP
Director of Development Services

APPENDICES

1. 2011 City of Salmon Arm Climate Action Progress Report

CLIMATE ACTION REVENUE INCENTIVE PROGRAM (CARIP) PUBLIC REPORT

For Reporting Year =

2011

GENERAL INFORMATION	Fill in the boxes below
Name of Local Government	<i>City of Salmon Arm</i>
Member of Regional District (RD)	<i>Columbia Shuswap Regional District</i>
Regional Growth Strategy (RGS) in region	<i>No</i>
Population	<i>17,128</i>
Report Submitted by	
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CLIMATE ACTION REVENUE INCENTIVE PROGRAM (CARIP) PUBLIC REPORT

For Reporting Year = 2011

Community-Wide Actions

1.1 MEASURE

Community Wide Measurement Actions
QUESTION

ANSWER

ADDITIONAL INFORMATION

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?

Yes

The Salmon Arm Community Energy and Emissions Inventory (CEEI) is used by the City as a source of baseline information.

The City's newly adopted Official Community Plan (OCP) includes Greenhouse Gas (GHG) emissions reduction targets, which are based on information contained in the updated 2007 CEEI report.

1.2 PLAN

Community Wide Targets
QUESTION

ANSWER

ADDITIONAL INFORMATION

Do your OCP(s) have targets, policies and actions to reduce GHG emissions, as per the requirements under the *Local Governments Act* (LGA)? If yes, please identify the targets set. If no or in progress, please comment.

Yes

The goal identified in the City's OCP is to reduce community wide GHG emissions by 6% by 2020. This is equivalent to a reduction of 8,275.92 CO₂e tonnes, based on 2007 GHG emissions indicated in the updated CEEI report.

Progress will be measured using the CEEI reports, with the results reported to the public as the reports are made available to the City.

Section 4.6 of the City's OCP contains 8 policies addressing community energy consumption and greenhouse gases.

If you are a Regional District, does your RGS have targets, policies and actions to reduce GHG emissions, as per the requirements under the *Local Governments Act* (LGA)? If yes, please identify the targets set. If no or in progress, please comment.

1.3 REDUCE

Supportive Community-Wide Actions

Please describe the supportive community-wide actions you have taken in 2011 (or propose to take in 2012) to contribute to reducing GHG emissions and energy consumption in your community.

Supportive actions refer to activities that provide a framework or foundation for direct actions to be implemented. These include the development of committees or new staff positions, education and engagement, feasibility studies, policy development and engagement with programs and partnerships.

If your actions do not fit into the given categories please describe them under "other actions".

Some of the actions reported in these categories in 2010 can be found here:

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

Supportive Community-Wide Actions

Actions Taken in 2011

Proposed Actions for 2012

Broad Planning (e.g. creation/revision of OCPs, CEPs, transportation plans)

Building and Lighting (e.g. developed green building policy, increased density in the downtown)

Energy Generation (e.g. signed on to provincial 'solar ready' regulation, explored options for bioheating for buildings)

Green Space (e.g. developed urban forestry policy, adopted park acquisition policy)

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

Waste (e.g. introduced composting and recycling education programs)

Water/Sewer (e.g. participated in water smart initiatives, implemented Water Action Plan, introduced rebates on low flush toilets)

Other Actions

New OCP adopted, which includes Community Energy and Greenhouse Gas policies, as well as Growth Management policies.

New Greenways Strategy adopted.

Parks and Greenways Acquisition and Development policies adopted as part of the new OCP.

New Greenways Strategy adopted.

Direct Community-Wide Actions

Please describe the **direct community-wide actions** you have taken this year and propose to take next year to contribute to reducing GHG emissions and energy consumption in your community.

Direct actions refer to activities that can be directly implemented by local government.

If your actions do not fit into the given categories please describe them under "other actions".

Lists of some of the actions reported in these categories in 2010 can be found here:

<http://www.gov.bc.ca>

Community-Wide Direct Actions

Buildings (e.g. implement use of sustainability checklists and development permit guidelines for new buildings)

Energy Generation (e.g. implement district energy, geothermal, solar)

Transportation (e.g. implement bike lanes, pedestrian paths, upgrade transit service and infrastructure, improve roads, parking fees etc.)

Waste (e.g. introduce composting and recycling programs)

Water/Sewer (e.g. implement water conservation and reduction initiatives)

Green Space (e.g. plant trees, conserve forest etc.)

Other Actions

1.4 COMMUNITY-WIDE INNOVATION

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.

Actions Taken in 2011

Development Guidelines encouraging passive solar siting principles adopted as part of the new OCP.

Additional sidewalks were constructed throughout the City and existing greenways within the City were maintained; this helps promote walking as a viable alternative to vehicular transportation.

Curbside Garbage and Recycling Collection Program Implemented.

Advisory notices delivered to excessive water users (only those water users with metered services).

Approximately 150 trees planted throughout Salmon Arm as part of the Trees for Tomorrow Program.

*Continued to apply the City's Tree Removal and Protection Bvlaw.
Applied the Riparian Areas Regulation of the BC Fish Protection Act to development projects in Salmon Arm.*

Proposed Actions for 2012

Begin Phase 1 of the Blackburn Park project, which will involve planting a significant number of trees.

Answer

CLIMATE ACTION REVENUE INCENTIVE PROGRAM (CARIP) PUBLIC REPORT

For Reporting Year =

2011

Corporate Actions

2.1 MEASURE

Corporate Measurement Actions QUESTION

What steps has your local government taken toward completing its corporate emissions inventory (e.g. corporate assets gathered related to energy and fuel data and calculated GHG emissions from energy use)?

What tool are you using to measure, track and report on your corporate emissions (e.g. SMARTtool, other tools including excel spreadsheets)?

Answer

The City has created a data entry form to record corporate energy usage and calculate corresponding GHG emissions.

The City will use an excel spreadsheet to track corporate emissions starting in 2012.

2.2 REDUCE

Supportive Corporate Actions

Please describe the **supportive corporate actions** you have taken in 2011 or propose to take in 2012 to contribute to reducing GHG emissions and energy consumption within your corporate boundary.

Supportive actions refer to activities that provide a framework or foundation for direct actions to be implemented. These include the development of committees or new staff positions, education and engagement, feasibility studies, policy development and engagement with programs and partnerships.

If your actions do not fit into the categories provided, please describe them under "other actions".

Lists of some of the actions reported in these categories in 2010 can be found here:

<http://www.gov.bc.ca>

Supportive Corporate Actions

Actions Taken in 2011

Proposed Actions for 2012

Broad Planning (e.g. developed corporate climate action plan)

Building and Lighting (e.g. developed energy reduction plan for all corporate buildings)

Energy Generation (e.g. undertook feasibility study of green energy generation for civic buildings)

Transportation (e.g. created anti-idling policy for city vehicles, bike to work week promotion)

Waste (e.g. completed waste audit of City Hall)

Water/Sewer (e.g. completed study of sewer and water energy use)

Other Actions

Direct Corporate Actions

Please describe the **direct corporate actions** you have taken in 2011 and propose to take in 2012 to contribute to reducing GHG emissions and energy consumption within your corporate boundary.

Direct actions refer to activities that can be directly implemented by local governments.

We encourage you to report all the corporate actions that contribute to reduced emissions even if they might not directly contribute to the achievement of your carbon neutral commitment. For example, the introduction of recycling programs do not contribute to carbon neutrality but is a direct action to reduce GHG emissions.

If your actions do not fit into the given categories please describe them under "other actions".

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

Some of the actions reported in these categories in 2010 can be found here:

Direct Corporate Actions

Actions Taken in 2011

Proposed Actions for 2012

Building and Lighting (e.g. energy efficiency retrofits to municipal buildings)

Initiated the installation of energy efficiency monitoring software in the Sunwave Centre. This software will track energy usage in different components of the system and identify inefficiencies.

Energy Generation (e.g. implemented heat recovery systems, solar)

Fleet (e.g. anti-idling policies for fleet vehicles, purchasing of hybrid)

Anti-Idling Policy adopted for City fleet.

Review effectiveness of anti-idling policy and consider further action, such as the installation of idling prevention devices in the City fleet.

GPS tracking system used to monitor idling times for City fleet. Corrective actions taken where excessive idling persists.

Employee education.

Waste (e.g. introduction of composting and recycling programs and education)

Introduced a recycling program for City Hall.

The City will continue to work with the CSRD to investigate implementing a landfill gas recovery system and refueling station to power the garbage collection fleet.

Water/Sewer (e.g. initiated water conservation and reduction initiatives)

Green Space (e.g. planting of trees)

Other Actions

2.3 CORPORATE INNOVATION

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

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NOTE: If you wish to insert a "hard return" (i.e. Enter Key) while typing in a given cell, you need to hold the ALT+ENTER instead.

NOTE: If your list proves larger than the space provided above, feel free to adjust the column width/row height accordingly.

NOTE: To adjust cells go to the far left (numbers) or top (letters)