



To: His Worship Mayor Bootsma and Members of Council
Date: January 11, 2011
Subject: 2010 City of Salmon Arm Climate Action Progress Report

MOTION FOR CONSIDERATION

THAT: The report dated January 11, 2011 concerning the 2010 City of Salmon Arm Climate Action Progress Report be received for information.

STAFF RECOMMENDATION

THAT: The motion for consideration be adopted.

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) 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 City of Salmon Arm Climate Action Progress Report is attached as Appendix 1. By Council receiving this report, the public reporting requirement is satisfied. The report will also be placed on the City's website.


Prepared by: Kyle Young
Planning and Development Officer


Reviewed by: Corey Paiement, MCIP
Director of Development Services

APPENDIX

1. 2010 City of Salmon Arm Climate Action Progress Report

CARIP Report

Name of Local Government

City of Salmon Arm

Member of Regional District (RD)

Columbia Shuswap Regional District (CSRD)

Regional Growth Strategy (RGS) in region

No

Population

17,220

Report Submitted by

Name

Kyle Young

Title

Planning and Development Officer

Email

kyoung@salmonarm.ca

Phone

(250) 803-4051

Actions Taken to Reduce Energy Consumption and GHG Emissions in 2010

1.1. COMMIT

The City of Salmon Arm, along with the Province of BC and the UBCM has signed the Climate Action Charter (CAC) pledging to achieve the following goals: Be carbon neutral in corporate operations by 2012; measure and report on our community greenhouse gas emissions profile; and work to create compact, more energy efficient communities. In 2008, Premier Gordon Campbell announced that communities that have signed onto the CAC and agree to publicly report on their climate action progress would be eligible for the Climate Action Revenue Incentive Program (CARIP) grant. The following Report meets the CARIP requirements to publicly report on climate actions undertaken by this local government in the current year and intended climate actions for the following year.

1.2. MEASURE

Corporate Measurement	Answer	Additional information
Has your local government taken steps towards completing a corporate energy and emissions inventory? Please identify the steps taken.	Yes	<i>In 2008, the City hired a contractor to complete an Energy and Greenhouse Gas Emissions Study, which details the energy used with respect to the City's corporate operations and the associated GHG emissions. The report identifies policies, management techniques, and potential infrastructure, building and fleet upgrades best suited to reducing the City's corporate GHG emissions.</i>
Community-wide Measurement Actions	Answer	Additional information
Has your local government taken steps to review and consider your community-wide GHG emissions profile as provided by the Community Energy and Emissions Inventory (CEEI) or other data sources? Please identify the steps taken.	Yes	<i>The Salmon Arm Community Energy and Emissions Inventory (CEEI) will continue to serve as an information source, providing staff with a broad view of community wide GHG emissions. The City's OCP was amended to include GHG emissions reduction targets, which were based on information contained in the 2007 CEEI report.</i>
1.3. PLAN	Answer	Additional information
Does your OCP(s) have targets, policies and actions to reduce GHG emissions, as per the requirements under the <i>Local Governments Act</i> (LGA)? If yes, please identify the targets set. If no or in progress, please comment.	Yes	<i>The goal is to reduce community wide GHG emissions by 6% by 2020. This equates to a reduction of 7413.54 CO₂e tonnes, based on 2007 GHG emissions as indicated in the CEEI report. Progress will be measured using the annual CEEI report, with the results reported to the public each year starting in 2011. The City intends to investigate the merits of participating in the Partners for Climate Protection Program. The City will continue to identify policies within the OCP that support the community wide GHG emissions reduction goals</i>

1.4. ACT

CORPORATE ACTIONS

Please describe the corporate actions you have taken this year and propose for next year to reduce GHG emissions and energy consumption. Examples of tools you may have used include:

- a) Planning tools (e.g. Green Fleet Action Plan, Resource Management Plan, Corporate Climate Action Plan)
- b) Policy tools (e.g. Civic Building Policy, Fuel Efficiency Policy, Green Purchasing Policy, Green Infrastructure Policy)
- c) Other (e.g. corporate car share program, civic building retrofits, LED street lighting, building operator training, green driving education, other educational programs and staff awareness initiatives)

Corporate Actions	Actions Taken This Year	Proposed Actions for Following Year
<p>To reduce GHG emissions and energy consumption</p>	<p><i>The City hired a contractor to complete a comprehensive energy audit and efficiency study of four City-owned buildings. The study identified key areas where efficiency could be improved in each of the four buildings.</i></p>	<p><i>City staff will continue the process of reviewing the energy audit and efficiency study and determine which projects should be given priority. A building efficiency monitoring project is proposed for the SASCU Recreation Centre and Sunwave Centre.</i></p> <p><i>Opportunities to further enhance the ability of the Curbside Collection Program to reduce corporate GHG emissions may arise. For example, the City could work with the Columbia Shuswap Regional District to implement a landfill gas recovery system and refueling station to power the garbage collection fleet, if such an opportunity arises.</i></p> <p><i>Propose to adopt an anti-idling policy for the City fleet.</i></p>

COMMUNITY-WIDE ACTIONS

Please describe the community-wide actions you have taken this year and propose to take next year to reduce GHG emissions and energy consumption in the sectors below. Examples of tools you may have used include:

- a) Planning and Policy tools (e.g. Climate Action Plan, Energy Plan)
- b) Regulatory tools (e.g. Development Permit Areas, Zoning, Development Cost Charge adjustments)
- c) Incentive tools (e.g. energy audit rebate program, fast tracking green developments)
- d) Other (e.g. Sustainability checklists, development guidelines, educational programs, and public awareness initiatives)

Community-wide Actions	Actions Taken This Year	Proposed Actions for Following Year
To reduce transportation-related GHG emissions and energy consumption (i.e. through both transportation and land use actions)	<i>Additional sidewalks were constructed throughout Salmon Arm, and greenways within the city were maintained and enhanced; this helps promote walking as a viable transportation alternative to driving in the City</i>	<i>Complete the Greenways Strategy as part of the revised/updated OCP. The Strategy will guide the City's actions in enhancing the interconnectedness and effectiveness of non-vehicular transportation corridors in the City.</i>
To reduce building-related GHG emissions and energy consumption	<i>No specific actions taken.</i>	<i>The City will continue to enforce the BC Building Code as it evolves to reflect a growing interest and concern about efficiency, as it relates to GHG emissions.</i>
To reduce water and waste-related GHG emissions and energy consumption	<i>The City adopted the Solid Waste and Recycling Bylaw as part of the Curbside Collection Program. The curbside collection of recyclables, starting in 2011, will reduce the individual household trips taken to the recycling depots, landfills and transfer stations, and potentially reduce the quantity of garbage being received at the local landfill.</i>	<i>2011 will be the first year the Curbside Collection Program is implemented.</i>
To enhance carbon sink capacity through natural resource protection and enhancement	<i>Applied Riparian Areas Regulation of the BC Fish Protection Act to development projects in Salmon Arm. Continued to apply the Tree Removal and Protection Bylaw.</i>	<i>City staff will continue to apply both the Riparian Areas Regulation and the Tree Removal Protection Bylaw, which are utilized to preserve trees/vegetation in identified locations that also serve as carbon sinks.</i>