

Climate Action Revenue Incentive Plan (CARIP) Public Report

Climate Action Revenue Incentive (CARIP) Public Report for 2012

Town of Golden

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General Information

Name of Local Government	<i>Town of Golden</i>
Member of Regional District (RD)	<i>Columbia Shuswap Regional District</i>
Regional Growth Strategy (RGS) in region	<i>No</i>
Population	<i>3,701</i>

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	fill in response here (for the answer to the left, select from the pull down menu)

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	33% community-wide reduction by 2020

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.
Answer	
Additional Information	N/A

1.3 Reduce

Supportive Community-Wide Actions

Action Type	Broad Planning (e.g. creation/revision of OCPs, CEPs, transportation plans)
Actions Taken this Year	OCP revision underway. Council received educational presentation and policy decision-making sessions led by Community Energy Association
Proposed Actions for Next Year	Add new emphasis on energy and emissions reduction in OCP

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Actions Taken this Year	Rescinded woodstove ban to allow for use of carbon neutral heating in residences (to reduce use of propane and oil heating)
Proposed Actions for Next Year	\$250 woodstove upgrade grants

Action Type	Green Space (e.g. developed urban forestry policy, adopted park acquisition policy)
Actions Taken this Year	Implemented interface fire mitigation in woodland areas and opened-up that land to recreation and trails
Proposed Actions for Next Year	Continue with next phase of a further 7 hectares of municipal land

Action Type	Transportation (e.g. developed sustainable transportation plan, completed bicycle master plan)
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Actions Taken this Year	Continue development of walking trails and way-finding signage project
Proposed Actions for Next Year	Will open bicycle "pump track" adjacent to the existing skate park to continue urging children to use alternate transportation

Action Type	Waste (e.g. introduced composting and recycling education programs)
Actions Taken this Year	Continued with universal residential recycling project (introduced in 2011) and began exploring P3 for community-wide composting project
Proposed Actions for Next Year	Draft composting plan for funding in 2014

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	Reduced community-wide water consumption by 25.6% from 2009 baseline
Proposed Actions for Next Year	Expand water/sewer leak detection and repair plan - both systems are fully electrical and all leak-stopping reduces energy consumption.

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

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	As above
Proposed Actions for Next Year	

Action Type	Energy Generation (e.g. implement district energy, geothermal, solar)
Actions Taken this Year	As above
Proposed Actions for Next Year	

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

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

Action Type	Water/Sewer (e.g. implement water conservation and reduction initiatives)
Actions Taken this Year	As above
Proposed	

Actions for Next Year	
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Action Type	Green Space (e.g. plant trees, conserve forest etc.)
Actions Taken this Year	As above
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	Completed three-year membership in Carbon Neutral Kootenays Project sponsored by the Columbia Basin Trust. Inventory developed in 2010 and updated annually. Total reductions in corporate GHGs since 2010 = ~27%

Question	What tool are you using to measure, track and report on your corporate emissions (e.g. SMARTtool, other tools including excel spreadsheets)?
Answer	Transitioned from CNK methods to SmartTool

2.2 Reduce

Supportive Corporate Actions

Action Type	Broad Planning (e.g. <i>developed corporate climate action plan</i>)
Actions Taken this Year	First draft in 2010. Updated following energy audits of all facilities
Proposed Actions for Next Year	Continue

Action Type	Building and Lighting (e.g. <i>developed energy reduction plan for all corporate buildings</i>)
Actions Taken this Year	Completed energy audits on all facilities including waste water treatment plant
Proposed Actions for Next Year	Integrate energy savings into priority setting in asset management plan

Action Type	Energy Generation (e.g. <i>undertook feasibility study of green energy generation for civic buildings</i>)
Actions	Continuing (as at right)

Taken this Year	
Proposed Actions for Next Year	5-year review of energy usage in Amenity Hub LEED building (uses ground-source geothermal, solar heat and PV panels) to develop first-hand knowledge of the effectiveness of each technology in local circumstances

Action Type	Transportation (e.g. created <i>anti-idling policy for city vehicles, bike to work week promotion</i>)
Actions Taken this Year	Continuing corporate and community-wide anti-idling signage and education
Proposed Actions for Next Year	

Action Type	Waste(e.g. completed waste <i>audit of City Hall</i>)
Actions Taken this Year	Shred and recycle all confidential paper waste and recycle all other recyclable products (recycle stations installed at all facilities). Banned the sale of bottled water in all municipal facilities
Proposed Actions for Next Year	

Action Type	Water/Sewer (e.g. completed study of sewer and water energy use)
Actions Taken this Year	Completed energy audit of WWTP
Proposed Actions for Next Year	Begin detailed condition assessment of sewer piping in preparation for slip-lining- will extend lifecycle, but also significantly reduce energy consumption used at lift stations.

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	Integrated outcomes of building energy audits into asset management plan.
Proposed Actions for Next Year	Use CARIP rebate to insulate/vent Town Office roof to reduce heating/cooling needs.

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	
Proposed Actions for Next Year	

Action Type	Waste (e.g. introduction of composting and recycling programs and education)
Actions Taken this Year	
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	
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Action Type	Green Space (e.g. planting of trees)
Actions Taken this Year	
Proposed Actions for Next Year	

Action Type	Other Actions
Actions Taken this Year	
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	Assigned all corporate-wide energy planning, consumption and reduction activities to a single manager

Carbon Neutral Progress Reporting

Tonnes CO₂e

Annual corporate emissions using SMARTTool or equivalent inventory tool

Emissions from services delivered directly by the local government 514.08

Emissions from contracted services .55

Less:

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

Energy Efficient Building Retrofits and Fuel Switching 0

Solar Thermal 0

Household Organic Waste Composting 0

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)

0

Less:

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

514.63

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	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	At its Regular Open Council Meeting of May 21st 2013, Council Resolved the following: 13-131 THAT Council CEASE purchases of carbon offsets. 13-132 THAT Council AFFIRM its commitment as a signatory to the BC Climate Action Charter with a renewed corporate commitment goal to work towards carbon neutrality.

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