

CLIMATE ACTION REVENUE INCENTIVE PROGRAM (CARIP) PUBLIC REPORT

For Reporting Year =

2011

GENERAL INFORMATION

Fill in the boxes below

Name of Local Government

City of Langley

Member of Regional District (RD)

Metro Vancouver

Regional Growth Strategy (RGS) in region

Yes

Population

25,858

Report Submitted by

Name

Roy Beddow

Title

*Deputy Director of
Development Services &
Economic Development
rbeddow@langleycity.ca*

Email

Phone

604-514-2817

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Community-Wide Actions

1.1 MEASURE

Community Wide Measurement Actions QUESTION

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?

ANSWER

No

ADDITIONAL INFORMATION

*The 2007 baseline community inventory was developed by Hyla Environmental Services Ltd. using HES Energy & Emissions Monitoring System
A planned 2010 Community inventory update has been delayed pending affordable availability of data from utilities*

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 *Local Governments Act* (LGA)? If yes, please identify the targets set. If no or in progress, please comment.

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.

ANSWER

Yes

ADDITIONAL INFORMATION

Reduce community emissions by 20,992 tonnes CO2e from the 2017 emissions forecast (16% reduction below 2007 levels)

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)	Partner in Surrey Rapid Transit Alternatives Analysis (SRTAA) Study with TransLink City of Surrey and Ministry of Transportation & Infrastructure	Initiate Official Community Plan Update Update Master Transportation Plan Update Parks & Recreation Master Plan
Building and Lighting (e.g. developed green building policy, increased density in the downtown)	Implement new BC Building Code requirement for low flow plumbing fixtures Implement Solar Hot Water Ready Regulations Develop Sustainability Checklist in consultation with development industry	
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)		Update Parks & Recreation Master Plan
Transportation (e.g. developed sustainable transportation plan, completed bicycle master plan)		Update Master Transportation 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)

*Implement new BC Building Code requirement for low flow plumbing fixtures
Replace aging water meters with newer more accurate units*

Other Actions

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

Actions Taken in 2011

Proposed Actions for 2012

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

Implement Sustainability Checklist for new development applications

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.)

*Complete Fraser Highway Nicomekl River bridge project to reduce traffic congestion and add bicycle lanes
Add bicycle lanes to Langley Bypass (Fraser Hwy to 56 Ave)
Optimize traffic signal timing on 200 Street & 203 Street*

Reconstruct portion of 48 Avenue from Grade Crescent to 208 Street adding sidewalks for pedestrian safety

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

Implement larger blue boxes for recycling

Initiate plastic recycling pilot program

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.

Answer

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)

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Corporate Actions

2.1 MEASURE

Corporate Measurement Actions QUESTION

Answer

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)?

Completed corporate inventory updates for 2008, 2009, 2010 and Progress Report

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

HES Energy & Emissions Monitoring System

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

Applied for BC Hydro Continuous Optimization Program for City Hall/Library (not successful)

Facilities planning for replacement Operations Centre

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)

Install motion detector and timer light switches in City Hall offices
Install motion sensor taps in recreation facilities
Apply UV film to City Hall/Library south façade

Install building automation system in City Hall/Library
Upgrade Firehall lighting to induction lighting
Replace swimming pool pump with variable frequency drive unit

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

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

Replace Parks Operations vehicle with more efficient vehicle

Replace 2 Engineering Dept. vehicles with more efficient vehicles

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

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

Replace lift station backup generator set with minimum Tier 3 unit

Green Space (e.g. planting of trees)

Planted 15 new 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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