

CARIP Report

Name of Local Government
Member of Regional District (RD)
Regional Growth Strategy (RGS) in region
Population

Enter text below as indicated (replace italics with your text)

City of Langley
Metro Vancouver
Yes (Livable Region Strategic Plan); New RGS in progress
25,858 - BC Stats 2010 estimate

Report Submitted by

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Title
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Actions Taken to Reduce Energy Consumption and GHG Emissions in 2010

1.1. COMMIT

The City of Langley, 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 emission 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>Inventory for 2008 completed as part of Corporate Energy & GHG Emissions Plan</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>Detailed community inventory for 2007 completed as part of Community Energy & GHG Emissions Plan</i> |

1.3. PLAN

| | Answer | Additional information |
|---|--------------------|--|
| Does your RGS 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. | <i>In progress</i> | <i>Proposed new Metro Vancouver RGS includes targets for reducing GHG emissions by 33% below 2007 levels by 2020 and 80% below 2007 levels by 2050</i> |
| *This question is ONLY for Regional Districts with RGSs. | | |
| 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>Reduce Corporate emissions by 134 tonnes CO₂e from the 2018 emissions forecast (12% reduction below 2008 levels); reduce Community emissions by 20,992 tonnes CO₂e from the 2017 emissions forecast (16% reduction below 2007 levels)</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 |
|--|--|---|
| To reduce GHG emissions and energy consumption | Complete Corporate Energy & GHG Emissions Plan; replace City Hall/Library parkade T12 lighting fixtures with T8; install motion sensor taps in all washrooms | Purchase generator sets for vehicles (reduce idling); replace backup generator sets for sewage lift stations with more efficient units; install induction lighting in Firehall truck bay; install pulse energy meters in City Hall/Library (BC Hydro Continuous Optimization Program); update Corporate inventory; prepare Corporate Plan progress report |

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>Complete 208 Street reconstruction adding bicycle lanes</i> | <i>Complete Fraser Highway Nicomekl River bridge replacement (reduce congestion, add bike lanes); optimize traffic signal timing (ongoing)</i> |
| To reduce building-related GHG emissions and energy consumption | <i>Adopt provincial solar hot water ready building regulations</i> | <i>Implement new BC Building Code requirement for low flow plumbing fixtures</i> |
| To reduce water and waste-related GHG emissions and energy consumption | <i>Please identify actions taken this year.</i> | <i>Implement new BC Building Code requirement for low flow plumbing fixtures</i> |
| To enhance carbon sink capacity through natural resource protection and enhancement | <i>City crews planted 60 boulevard trees; ecosystem restoration contractor planted 3,048 seedlings</i> | <i>City crews will plant 30 street trees</i> |
| Additional actions | <i>Complete Community Energy & GHG Emissions Plan; Complete Sustainability Framework</i> | <i>Implement Sustainability Checklist for development applicants</i> |