

Climate Action Revenue Incentive Program (CARIP) Public Reporting - Climate Actions Survey 2014

Broad Planning

BROAD PLANNING

Broad Planning refers to the high level, strategic planning that sets the stage for GHG reductions. Land use planning that focuses on Smart Growth principles (compact, complete, connected and centred) plays an especially important role in energy and GHG reduction. Plans that relate to a certain sector should be included in that sector, e.g. transportation plans in the 'Transportation' sector. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

	Yes	No	Please specify or comment
Since initially establishing OCP targets, policies, and actions for the reduction of greenhouse gas (GHG) emissions, as required by the Local Government Act, has your local government updated those targets, policies and actions?	False	True	

Variable	Response
Does your local government use the Community Energy and Emissions Inventory (CEEI) to measure progress?	Yes
Has your local government established Development Permit Areas (DPAs) for climate action (i.e. energy conservation, water conservation and/or GHG emission reduction)?	No

CORPORATE - Broad Planning

Actions taken in

Actions proposed for 2015

2014

Feasibility Studies, Research, Analysis	In 2014 the RD used the GHG Accounting software to track and report emissions.	Ongoing analysis.
Plans, Policies, Regulations	Two landfill closure plans were initiated.	A Resource Recovery Centre is planned to reduce emissions by diverting waste previously transported to landfills.
Policy Implementation	All of the OCPs in the Powell River Regional District include GHG emissions reduction targets, as well as policies and actions to achieve those targets. Targets in the Electoral Area B OCP include: reduce vehicular CO2 emissions by 10% by 2021; and focus 50% of all new housing units within the Myrtle Pond service area. Targets in the Electoral Area C OCP include: reduce vehicular CO2 emissions by 10% by 2021; and focus 50% of all new housing units within the community nodes of Black Point and Lang Bay. Targets in the Savary Island OCP include: reduce GHG emissions through reduced fossil fuel consumption and shift to alternative forms of energy; and reduce GHG emissions by 33% by the year 2020. Targets in the Texada Island OCP include: meet or beat the provincial target to reduce GHG emissions by 33% by the year 2020. Targets in the new Draft Electoral Area A OCP include: reduce GHG emissions by 33% by the year 2020; and increase ridership on regional transit.	
Employee Training, Awareness		
Committees, Staffing	Let's Talk Trash & staff of the PRRD joined in cooperation to implement policy.	Staff will continue to review opportunities.
Funding		

COMMUNITY-WIDE - Broad Planning

Actions taken in 2014

Actions proposed for 2015

Feasibility Studies, Research,	
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Analysis

Plans, Policies, Regulations

The Powell River Regional District (PRRD) adopted a Regional Transportation Plan in April 2014. The plan includes a Walking and Cycling Network Plan. The PRRD implemented the following recommended actions from the plan including: public education to promote the use of public transit and active transportation; develop additional active transportation infrastructure (cycling and walking paths) in Electoral Area B (along Padgett Road) and Electoral Area D (along Gilles Bay Road); and participate in Walkability Workshop with Vancouver Coastal Health, City of Powell River and Tla'amin Nation. In addition, the PRRD initiated a new Official Community Plan (OCP) process for Electoral Area A (a previously unplanned area) which will include setting community energy and GHG emission reduction targets, policies and actions for a Draft OCP.

PRRD's Planning Department aims to complete OCPs

Policy Implementation

OCPs for the 5 Areas of the PRRD were undertaken.

Proposed actions for 2015 include: adoption of the Electoral Area A OCP Bylaw with community energy and GHG emission reduction targets, policies and actions; development of public education materials to promote the new Area A OCP policies; develop additional active transportation infrastructure (cycling and walking paths) in Electoral Area B (along Padgett Road); participate in Walkability Workshop (phase 2) with Vancouver Coastal Health, City of Powell River and Tla'amin Nation; and continue to support public education to promote the use of public transit and active transportation.

Community Education, Engagement

Let's Talk Trash team held events in the community to emphasize the benefits of zero waste.

Let's Talk Trash continue with public awareness.

Committees,
Staffing
Funding

Buildings

BUILDINGS

Low-carbon buildings use the minimum amount of energy needed to provide comfort and safety for their inhabitants, and tap into renewable energy sources for heating, cooling and power. These buildings can save money, especially viewed over the long term. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Does your local government have green building/construction policies, plans or programs?	No

CORPORATE - Buildings

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	New buildings for works and staff were built with energy efficient construction.	Staff will continue to retrofit buildings to increase energy efficiency.
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation		
Employee Training, Awareness		
Committees, Staffing		
Funding		

COMMUNITY-WIDE - Buildings

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	The Texada Island Community Hall was upgraded to be more energy efficient and the upgrades included low flow toilets, low flow auto sinks.	All new buildings/construction will have environmentally upgrades
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation		
Community Education, Engagement		
Committees, Staffing		
Funding		

Energy Generation

ENERGY GENERATION

A transition to renewable or low-emission energy sources for heating, cooling and power supports large, long-term GHG emissions reductions. Renewable energy including waste heat recovery (e.g. from biogas and biomass), geo-exchange, micro hydroelectric, solar thermal and solar photovoltaic, heat pumps, tidal, wave, and wind energy can be implemented at different scales, e.g. in individual homes, or integrated across neighbourhoods through district energy or co-generation systems. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Has your local government undertaken district energy projects in 2014?	No
Has your local government undertaken renewable energy projects 2014?	No
Are you aware of the integrated resource recovery (IRR) guidance page on the BC Climate Action Toolkit? (http://www.toolkit.bc.ca/tool/integrated-resource-recovery-irr)	Yes

CORPORATE - Energy Generation

Actions taken in 2014 Actions proposed for 2015

Physical Improvements, Construction	The RD has applied for grant funding to close the Marine Avenue former incinerator/transfer site and to remediate the site through the development of a Resource Recovery Center (RRC). The RRC will include a plastics to oil machine and a 12kw solar array which will produce energy for hot water needs of the facility.
Feasibility Studies, Research, Analysis	
Plans, Policies, Regulations	
Policy Implementation	
Employee Training, Awareness	
Committees, Staffing	
Funding	

COMMUNITY-WIDE - Energy Generation

Actions taken in 2014 Actions proposed for 2015

Physical Improvements, Construction	
Feasibility Studies, Research, Analysis	
Plans, Policies, Regulations	
Policy Implementation	
Community Education, Engagement	
Committees, Staffing	
Funding	

Greenspace

GREENSPACE

Greenspace refers to parks and greenways, boulevards, community forests, urban agriculture, riparian areas, gardens, recreation/school sites, and other green spaces, such as remediated

brownfield/contaminated sites. Greenspaces support climate change mitigation (reducing emissions by absorbing and sequestering GHG) and adaptation (providing shade, cooling, deflecting strong wind, and improving air quality). In the appropriate boxes below, please record all community-wide actions taken in 2014 and proposed for 2015 (Note: the 'Greenspace' sector only has a community-wide actions section). Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Does your local government have urban forest policies, plans or programs?	No

COMMUNITY-WIDE - Greenspace

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis	The PRRD completed a Draft Parkland Acquisition Strategy which may lead to an expansion of park land and protection of green space.	Proposed plans for 2015 include adoption of the Parkland Acquisition Strategy which may lead to an expansion of park land and protection of green space.
Plans, Policies, Regulations		
Policy Implementation		
Community Education, Engagement	Staff engaged a Green Shores Pilot project in 2014 which included collaboration with local developers and the production of educational materials promoting the use of natural materials to support properties on the shoreline.	Staff will continue to educate on the Green Shores concept.
Committees, Staffing		
Funding		

Solid Waste

SOLID WASTE

Reducing, reusing, recycling, recovering and managing the disposal of the residual solid waste minimizes environmental impacts and supports sustainable environmental management, greenhouse gas reductions, and improved air and water quality. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Does your local government have construction and demolition waste reduction policies, plans or programs?	Yes
Does your local government have organics reduction/diversion policies, plans or programs?	Yes

CORPORATE - Solid Waste

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		A Resource Recovery Centre is planned to contribute to a cleaner environment through closure of a contaminated site and the reuse, upcycling, and recycling of materials that are currently in the solid waste stream. Construction is projected to start in January, 2016 with a project completion date of December, 2019.
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation		
Employee Training, Awareness		
Committees, Staffing		

Funding

COMMUNITY-WIDE - Solid Waste

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		A Resource Recovery Centre is planned to contribute to a cleaner environment through closure of a contaminated site.
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation		
Community Education, Engagement	Continued efforts to promote organic collection.	The proposed Resource Recovery Centre will include a composting education centre and education on how resources that are diverted from the waste stream will be reused, recycled and up-cycled.
Committees, Staffing		
Funding		

Transportation

TRANSPORTATION

Transportation actions that increase transportation system efficiency, emphasize the movement of people and goods, and give priority to more efficient modes, e.g. walking, cycling, ridesharing, and public transit, can contribute to reductions in greenhouse gas emissions and more livable communities. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Does your local government have policies, plans or programs to support alternative modes and technologies of transportation (e.g. walking, cycling, transit, electric vehicles)	Yes

Does your local government have a transportation demand management (TDM) strategy? (http://www.toolkit.bc.ca/resource/transportation-demand-management-small-and-mid-sized-communities-toolkit)	No
Does your local government have policies, plans or programs to support local food production (thus reducing transportation emissions)?	Yes

CORPORATE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation		
Employee Training, Awareness		
Committees, Staffing		
Funding		

COMMUNITY-WIDE - Transportation

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction	Developed additional active transportation infrastructure (cycling and walking paths) in Electoral Area B (along Padgett Road) and Electoral Area D (along Gilles Bay Road).	Plans are underway to consider the development of a third phase of the cycling and walking path on Padgett Road.
Feasibility Studies, Research, Analysis		The RD will investigate the feasibility of expanded public transit in rural areas; work with provincial Ministry of Transportation and Infrastructure to further develop active transportation infrastructure (cycling and walking paths) in Electoral Area B (remainder of Padgett Road).
Plans, Policies, Regulations	The Powell River Regional District completed a draft Regional Transportation Plan. The plan includes a Walking and Cycling Network Plan as well as recommendations for improving rural transit. The RD partnered with the	

	provincial Ministry of Transportation and Infrastructure to develop active transportation infrastructure (cycling and walking paths) in Electoral Area B (along Padgett Road) and in Electoral Area D (along Gilles Bay Road). The RD also provided extra public transit to community wide events such as the Open Air Market to reduce the use of personal vehicles and provided support for a BC Transit Service Review which will continue into 2015.
Policy Implementation	
Community Education, Engagement	
Committees, Staffing	
Funding	

Water and Wastewater

WATER and WASTEWATER

Managing and reducing water consumption and wastewater is an important aspect of developing a sustainable built environment that supports healthy communities, protects ecological integrity, and reduces greenhouse gas emissions. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Does your local government have water conservation policies, plans or programs?	Yes

CORPORATE - Water and Wastewater

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		

Feasibility Studies, Research, Analysis	
Plans, Policies, Regulations	
Policy Implementation	
Employee Training, Awareness	
Committees, Staffing	
Funding	

COMMUNITY-WIDE - Water and Wastewater

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		Upgrades to the Lund Sewer system are planned for 2016 to improve the quality of the effluent. In 2016 a loop system will be installed on the Myrtle Pond Water system in order to more easily detect the location of system leaks.
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation		
Community Education, Engagement		
Committees, Staffing		
Funding		

Other Climate Actions

OTHER CLIMATE ACTIONS

This section is intended to give local governments a chance to record other climate actions that could not be captured in the above sectors, including climate change adaptation actions and air quality actions. In the appropriate boxes below, please record all corporate and community-wide actions taken in 2014 and proposed for 2015. Number and type of actions will vary by community. Please refer to the 'Action Examples' tab above for assistance in understanding the type of information to include in each action category. If the action was taken in partnership, please indicate with whom.

Variable	Response
Has your local government begun to integrate the impacts of a changing climate (adaptation) into its planning and operations?	No
Are you aware of the climate change adaptation guidance page on the BC Climate Action Toolkit? (http://www.toolkit.bc.ca/adaptation-challenges-and-opportunities)	Yes

CORPORATE - Other Climate Action

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation		
Employee Training, Awareness		
Committees, Staffing		
Funding		

COMMUNITY-WIDE - Other Climate Action

	Actions taken in 2014	Actions proposed for 2015
Physical Improvements, Construction		
Feasibility Studies, Research, Analysis		
Plans, Policies, Regulations		
Policy Implementation		
Community Education, Engagement		
Committees, Staffing		
Funding		

Innovation

INNOVATION

This section is intended to give your local government an opportunity to describe any energy and GHG emission reduction activities that have been undertaken over the past year(s) that your local government is particularly proud of and would like to share with other local governments.

CORPORATE - Innovation

Please describe any innovative corporate actions taken in 2014 and add links to additional information where possible.

COMMUNITY-WIDE - Innovation

Please describe any innovative community-wide actions taken in 2014 and add links to additional information where possible.

Local Government Information

LOCAL GOVERNMENT INFORMATION

Variable	Response
LOCAL GOVERNMENT INFORMATION Name of Local Government	Powell River Regional District
LOCAL GOVERNMENT INFORMATION Name of member Regional District (RD)	Powell River
LOCAL GOVERNMENT INFORMATION Regional Growth Strategy (RGS) in your region	No
LOCAL GOVERNMENT INFORMATION Population	10,000-49,999

Submitted by:

Variable	Response
Submitted by: Name	Linda Greenan
Submitted by: Position	Manager of Financial Services
Submitted by: Email	linda.greenan@powellriverrd.bc.ca
Submitted by: Telephone # (ten digit)	604-485-2260