

Survey Template

For the *2016 CARIP Climate Action/Carbon Neutral Progress Survey*

The 2016 CARIP Climate Action/Carbon Neutral Survey uses SurveyMonkey® software. SurveyMonkey® acquired FluidSurveys™, which is the software that was used for CARIP reporting for the past 2 years.

Local governments are required to submit the *2016 CARIP Climate Action/Carbon Neutral Progress Survey* on or before June 1, 2017.

Local governments are also required to publicly report the information submitted in the *2016 CARIP Climate Action/Carbon Neutral Progress Survey*. Local governments can generate a report by:

- creating a report based on the populated Survey Template; or,
- creating a report in another format that contains the information submitted in the 2016 CARIP Climate Action/Carbon Neutral Progress Survey.

In response to local government input, the Survey Template has been created to assist with collecting information for the *2016 CARIP Climate Action/Carbon Neutral Progress Survey*, and follows the same structure as the survey.

Responses entered into the Survey Template can be cut and pasted into the online survey. The survey asks for up to five actions in each category, and there is a place in the survey to report additional actions if desired. In the Survey Template, simply add more lines to the tables to report more than five actions.

Use of the Survey Template is recommended. Local governments are encouraged to edit the populated Survey Template and use it for their public report, **as the SurveyMonkey® survey will not enable survey respondents to generate a report of their responses.**

Further information on CARIP can be found on the [Ministry of Community Sport and Cultural Development's website](#).

The Government of BC will not collect, use, or disclose personal information using SurveyMonkey®. Please be aware however that IP addresses are collected by SurveyMonkey® itself, and these IP addresses and other information collected will be stored on SurveyMonkey®'s servers located outside of Canada. Please do not provide any third-party information (i.e. talk about others) in your responses to the survey.

Climate Action Revenue Incentive (CARIP) Public Report for 2016

Local Government:



**CITY OF
PRINCE GEORGE**

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The City of Prince George has completed the 2016 Climate Action Revenue Incentive Program (CARIP) Public Report as required by the Province of BC. The CARIP report summarizes actions taken in 2016 and proposed for 2017 to reduce corporate and community-wide energy consumption and greenhouse gas emissions (GHG) and reports on progress towards achieving carbon neutrality.

2016 BROAD PLANNING ACTIONS

Broad Planning Actions

Broad Planning refers to high level planning that sets the stage for GHG emissions reductions, including plans such as Official Community Plans, Integrated Community Sustainability Plans, Climate Action Plans or Community Energy Emissions Plans. Land use planning that focuses on Smart Growth principles (compact, complete, connected, centred) plays an especially important role in energy and GHG reduction.

Community-Wide Actions Taken in 2016	
	Continued to implement the Active Transportation Plan
	Continued to implement policies on climate adaptation outlined in City's Official Community Plan
	Assisted in coordinating "Resilient Infrastructure in a Changing Climate" workshop with Fraser Basin Council.
	New Transit Planner position created through a partnership between the City and BC Transit. The Transit Planner's 2016 work has resulted in: Council's approval of 2500 additional service hours to provide statutory holiday service and weekend service improvements (implemented the statutory holiday service last fall and will be implementing the rest of the improvements in September 2017); travel training for seniors through the Seniors Transit Challenge, resources and feedback will be consolidated after the challenge to create a travel training guide useful for all users; Continue to improve passenger amenities (benches, shelters, accessibility of stops) to make the passenger experience better and attract more users
	Council adopted the Multi-Family Revitalization Tax Exemption Bylaw (MFRTE)
Community-Wide Actions Proposed for 2017	
	Continue to implement the Active Transportation Plan
	Continue to implement policies on climate adaptation outlined in City's Official Community Plan
	Continue to implement and offer incentives through the Multi-Family Revitalization Tax Exemption Bylaw (MFRTE)

Corporate Actions Taken in 2016	
	City staff continues to use myPG Goals and OCP to reduce carbon emissions and adapt to climate change.
	Public Talktober neighbourhood events – to gain feedback from community
	City Staff continue to work within Energy Efficiency and GHG Reduction, and City Fleet Idling Policy
	Creation of Energy, Environment & Sustainability Division within Engineering Services
Corporate Actions Proposed for 2017	
	Continue to use myPG Goals and OCP to reduce carbon emissions and adapt to climate change.
	Public Talktober neighbourhood events – to gain feedback from community
	City Staff continue to work within Energy Efficiency and GHG Reduction, and City Fleet Idling Policy
	Corporate Plan 2016-2018 identifies key corporate strategies for environment to be: <ul style="list-style-type: none"> - Improve air quality, and build education and awareness in community - Prioritize active modes of transportation and connected network through the Active Transportation Plan

	<ul style="list-style-type: none"> - Employ Transportation Demand Management tools - Refocus on Transit Planning - Monitor and advance the City's Energy and Greenhouse Gas Management Plan (Corporate and Community) - Expand the Downtown District Energy System Service to external customers - Evaluate Zero Emissions Vehicles (ZEVs), including piloting ZEVs, as part of the City's West Coast Electric Vehicle Pledge
	Age Friendly Action Plan (2017) identifies corporate actions to align the work of various Divisions to enhance the viability of active transportation options in Prince George. Examples include prioritizing capital investment and maintenance along high volume pedestrian routes; offering transit training programs for seniors and youth; and developing a Bus Stop Strategy to prioritize improvements that will enhance the comfort and connectivity of bus stops.

Broad Planning	
What is (are) your current GHG reduction target(s)?	Reductions in OCP: Corporate 20%, community 2% from 2002 to 2012
Has your local government used the Community Energy and Emissions Inventory (CEEI) to measure progress?	Yes
What plans, policies or guidelines govern the implementation of climate mitigation in your community?	
<ul style="list-style-type: none"> • Community Energy and Emissions (CEE) Plan • Climate Action Plan • Integrated Community Sustainability Plan • Official Community Plan (OCP) • Regional Growth Strategy (RGS) • Do not have a plan • Other: 	Yes Yes Yes Yes No N/A N/A
Does your local government have a corporate GHG reduction plan?	Yes
Does your local government have a climate reserve fund or something similar?	Yes

2016 BUILDINGS AND LIGHTING ACTIONS

Building and Lighting Actions

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 when calculated over the long term. This category also includes reductions realized from energy efficient street lights and lights in parks or other public spaces.

Community-Wide Actions Taken in 2016	
	Street lighting upgraded to LED when replacements needed
	3 rd party monitoring of energy consumption for LEED Gold certification for new RCMP building
Community-Wide Actions Proposed for 2017	
	Street lighting upgraded to LED when replacements needed

3 rd party monitoring of energy consumption for LEED Gold certification for new RCMP building
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Corporate Actions Taken in 2016	
	Upgrade to LED lights: City Hall 3 rd floor (expected 5500 kWh reduction) and 18 th Ave Yard (expected 10000 kWh reduction) exterior lights, Aquatic Centre (expected 300,000 kWh reduction), Civic Centre (expected 400,000 kWh reduction).
	Upgrade Elk Centre arena lights (expected 166,256 kWh reduction) and Aquatic Centre Pool lights (expected 11000 kWh reduction).
	50 HP VFD electric motor controller at Coliseum
	Upgrade lights at Southridge tennis courts/ice rink to LED
	Undertook 5 week “Lights Off Challenge” as part of BC Hydro’s Energy Wise Network
Corporate Actions Proposed for 2017	
	Upgrade DDC control system at Library and CN Center
	Upgrade compressors at Rolling Mix Concrete Arena (expected to reduce 63,000 kWh)
	Continued participation in BC Hydro’s Energy Wise Network and Energy Saving Challenges

2016 ENERGY GENERATION ACTIONS

Energy Generation Actions

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.

Community-Wide Actions Taken in 2016	
	City staff continues to identify opportunities for connections to District Energy System.
Community-Wide Actions Proposed for 2017	
	City staff continues to identify opportunities for connections to District Energy System. Complete connections to two new community buildings in the downtown.

Corporate Actions Taken in 2016	
	Corporate Energy Manager, Building/Facility managers
	Continued use of solar water heating at solar wall component of HVAC system in the new RCMP building and solar panels on the aquatic centre for water heating.
	Contributing member of Community Energy Association
	Participated in BC Hydro’s Energy Wise Network
	Development of Energy, Environment & Sustainability division within Engineering Services
Corporate Actions Proposed for 2017	
	Continued use of solar water heating and solar at the new RCMP building and solar panels on the aquatic centre for water heating.
	Contributing member of Community Energy Association

	Continued participation in BC Hydro's Energy Wise Network and Energy Saving Challenges
	Strategic Planning within new Energy, Environment & Sustainability division.

Energy Generation	
Is your local government developing, or constructing:	
<ul style="list-style-type: none"> • A district energy system • A renewable energy system 	Yes No
Is your local government operating:	
<ul style="list-style-type: none"> • A district energy system • A renewable energy system 	Yes Yes
Is your local government connected to a district energy system that is operated by another energy provider?	No
Are you aware of the Integrated Resource Recovery guidance page on the BC Climate Action Toolkit ?	Yes

2016 GREENSPACE/ NATURAL RESOURCE PROTECTION ACTIONS

Greenspace Actions

Greenspace/Natural Resource Protection refers to the creation of parks and greenways, boulevards, community forests, urban agriculture, riparian areas, gardens, recreation/school sites, and other green spaces, such as remediated brownfield/contaminated sites as well as the protection of wetlands, waterways and other naturally occurring features.

Community-Wide Actions Taken in 2016	
	Continued requirement for green space in subdivision applications
	Continued enforcement of Riparian Area Development Permit areas through Development Services
	Prince George Centennial Trails Project
	Continuing to work within City of Prince George's Official Community Plan objectives and policies on brownfield redevelopment, wildlife, and greenspace.
	Tree Day Public Event in September to promote urban forests in Prince George – trees were donated to plant around the City
	City participated in Rivers Day event to promote the importance of rivers to the local community.
	City staff are involved with the Nechako Watershed Strategy Technical Advisory Committee
	Hudson's Bay Wetland Nature Park Viewing Platforms and riparian restoration
Community-Wide Actions Proposed for 2017	
	Continued requirement for green space in subdivision applications
	Continued enforcement of Riparian Area Development Permit areas through Development Services
	Prince George Centennial Trails Project
	Continuing to work within City of Prince George's Official Community Plan objectives and policies on brownfield redevelopment, wildlife, and greenspace.
	City staff are involved with the new Nechako Watershed Strategy Technical Advisory Committee

	Tree Day Public Event in September to promote urban forests in Prince George and involvement in Rivers Day event to promote the importance of rivers in the local community
	Planning for Cottonwood Island Park and Heritage River Trail riverbank protection and trail rehabilitation
	Planning for Nechako Riverside Park development for riverfront park and trail access

Corporate Actions Taken in 2016	
	Decommissioned Klein gravel pit, fish habitat pond built and remaining area to be turned to parkland
	Park and Open Space Strategy study
	Full time staff member dedicated to invasive species and pest management
	City staff continuously investigating property options to purchase with intention to move to parkland
	RFP for detailed design for open bottom culvert replacement on fish-bearing McMillan Creek
	Replacing culvert on Willowdale Rd with a bridge over fish-bearing Haggith Creek
	Park Strategy – Completed and prioritizes park investment, including prioritizing improvements to neighbourhood active transportation linkages to and from parks/schools
	Planting \$60,000 of trees throughout City Bowl
	Total of 2.3 km of trails were upgraded to a paved accessible surface at Ginter’s Meadow, Lheidli T’enneh Memorial Park and Cpl. Darren Fitzpatrick Bravery Park. Signage was also installed along the Centennial Trail System that features a 30 km loop throughout the City.
	Decommissioned Heather Park from recreational facility to create natural greenspace
	Full time staff member dedicated to invasive species and pest management
	Assessment of erosion occurring in Cottonwood Island Nature Park – trail and natural space rehabilitation
Corporate Actions Proposed for 2017	
	Monitoring of habitat and vegetation growth in newly developed fish habitat pond, remaining area to be turned to parkland
	Full time staff member dedicated to invasive species and pest management
	City staff continuously investigating property options to purchase with intention to move to parkland
	Culvert replacement on fish-bearing McMillan Creek – intended to provide better fish habitat and stormwater management.
	Construction to begin on trail remediation in Cottonwood Island Park.
	Completion of culvert removal and bridge installation over fish-bearing Haggith Creek

Greenspace	
Does your local government have urban forest policies, plans or programs?	Yes

2016 SOLID WASTE ACTIONS

Solid Waste Actions

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.

Community-Wide Actions Taken in 2016	
	Continued use of MyWaste App, created by the CPG and RDFFG, by the community
	CPG partnership with REAPs for Earth Day, composting program and free waste audit
	CPG partnership with REAPS for Spring Clean Up
	Continued curbside recycling pickup by Emterra recycling program – service centre staff direct residents to correct information
Community-Wide Actions Proposed for 2017	
	Continued use of MyWaste App created by the CPG and RDFFG by the community
	CPG partnership with REAPS for Spring Clean Up – contribution of community waste bins
	Continued curbside recycling pickup by Emterra recycling program – service centre staff direct residents to correct information

Corporate Actions Taken in 2016	
	Continued recycling program at City 18 th Ave Yard
	Implementing waste reduction standards and processes.
	Claxton landfill air curtain methane detection staff training
	Elimination of change fee for transferring to small garbage can, from a medium or large, to encourage less waste production
	Study of going to a 4 day/4 zone workweek collection
Corporate Actions Proposed for 2017	
	Continued recycling program at City 18 th Ave Yard
	Implementing waste reduction standards and processes.
	Claxton landfill air curtain methane detection staff training
	Elimination of change fee for transferring to small garbage can, from a medium or large, to encourage less waste production
	Implementing fluorescent tube and bulb recycling program

Solid Waste	
Does your local government have construction and demolition waste reduction policies, plans or programs?	No
Does your local government have organics reduction/diversion policies, plans or programs?	No

2016 TRANSPORTATION ACTIONS

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.

Community -Wide Actions Taken in 2016	
	Participation in Bike to Work Week
	Free fare for Clean air – free transit on Air Quality advisory days
	Remarkered bike lanes in city boundaries to encourage cycling.
	Renewing Community Partnership of shared use of Nissan Leaf electric car with Regional District, UNBC and Northern Health
	50/50 funding from BikeBC as part of Capital Plan for the Bicycle Route Improvement project – upgrading and physically marking and signing existing bicycle routes
	New trails and trail rehab – includes accessible trail routes and improvements to commuter and recreational trails.
Community-Wide Actions Proposed for 2017	
	Participation in Bike to Work Week
	Free fare for Clean air – free transit on Air Quality advisory days
	Remarkered bike lanes in city boundaries to encourage cycling.
	Total of 2.3 km of trails were upgraded to a paved accessible surface at Ginter’s Meadow, Lheidli T’enneh Memorial Park and Cpl. Darren Fitzpatrick Bravery Park.
	Audit was performed in 10 major City parks through the support of Spinal Cord BC – the audit will direct improvements to make parks more accessible.

Corporate Actions Taken in 2016	
	Hired new transit planner
	Continued participation in Bike to Work Week
	Pedestrian Network Assessment – Will prioritize sidewalk and walkway improvements throughout the community
	Continued expansion and improvement of the Active Transportation Plan Network annually which encourages a shift towards active modes of transportation
	Centennial Trail Loop – a 30 km Centennial trail loop was launched through an App that uses existing trails, sidewalks, bike lanes and walkways throughout the community. Signage was installed along the trail loop.
	\$500,000 spent on upgrading existing sidewalks and building new sidewalks to improve and encourage walking.
Corporate Actions Proposed for 2017	
	Continued expansion and improvement of the Active Transportation Plan Network annually which encourages a shift towards active modes of transportation.
	Continued participation in Bike to Work Week
	Updated Pedestrian Network Condition Assessment and Study
	\$600,000 to be spent on upgrading and rehabilitating existing sidewalks, and \$400,000 to be spent on building new sidewalks.

Transportation	
Does your local government have policies, plans or programs to support:	
• Walking	Yes
• Cycling	Yes
• Transit Use	Yes
• Electric Vehicle Use	Yes
• Other (please specify)	No
Does your local government have a transportation demand management (TDM) strategy (e.g. to reduce single-vehicle occupancy trips, increase travel options, provide incentives to encourage individuals to modify travel behavior)?	Yes
Does your local government have policies, plans or programs to support local food production (thus reducing transportation emissions)?	Yes

2016 WATER AND WASTEWATER ACTIONS

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.

Community-Wide Actions Taken in 2016	
	CPG partnership with REAPs for rain barrel program
	Water restrictions are in effect 365 days a year, that enforce residents to sprinkle outside of peak evapotranspiration times
	City of Prince George Drinking Water Week poster contest in collaboration with SD57
	Continuation of Volunteer Water Meter Program
Community-Wide Actions Proposed for 2017	
	CPG partnership with REAPs for rain barrel program
	Water restrictions are in effect 365 days a year, that enforce residents to sprinkle outside of peak evapotranspiration times
	City of Prince George Drinking Water Week poster contest in collaboration with SD57
	Continuation of Volunteer Water Meter Program
	BC Water Week Open House at water booster station, provided information to the public on water conservation, water infrastructure and groundwater source

Corporate Actions Taken in 2016	
	Ongoing awareness of inappropriate water sprinkling and monitoring of system to reduce leaks
	CCTV camera inspection training of sewer mains to determine defects and repair to reduce infiltration of groundwater
	Continue sewer main relining and grouting manholes to reduce inflow and infiltration to reduce wastewater treatment costs.
	Expansion of irrigation system connected to sentinel system (automated water conservation)

	New Water Conservation Plan – goal is to reduce water consumption by 20% over 10 years and target high usage in the summer months
	Investigation as part of Odour Master Plan – Phase 1 at the Wastewater Treatment Centre was completed.
	Bob Harkins Library – retrofit server room cooling system to eliminate use of fresh water for cooling
Corporate Actions Proposed for 2017	
	Ongoing awareness of inappropriate water sprinkling and monitoring of system to reduce leaks
	CCTV camera inspection training of sewer mains to determine defects and repair to reduce infiltration of groundwater
	Continue sewer main relining and grouting manholes to reduce inflow and infiltration to reduce wastewater treatment costs.
	Expansion of irrigation system connected to sentinel system (automated water conservation)
	Stormwater Educational videos produced and shared as part of Stormwater Education Program
	Targeting Erosion and Sediment Control on development sites
	Complete Sanitary Sewer Bylaw updates
	Begin revising Stormwater Bylaw
	Future mechanical and structural upgrades as a part of Odour Master Plan – Phase 1 at WWTC
	Hiring 2 Water-Wise Liaison Workers to provide information on water conservation initiatives to the public and report sprinkling infractions
Water Conservation	
Does your local government have water conservation policies, plans or programs?	Yes

2016 CLIMATE CHANGE ADAPTATION ACTIONS

Climate Change Adaptation Actions

For local governments, adaptation to a changing climate can take the form of changes in policy, management, technology and behaviour that minimize negative impacts or exploit opportunities. It can involve both “hard” and “soft” solutions, including: changes in infrastructure engineering, planning, zoning, bylaws, and public education.

Climate Change Adaptation Actions Taken in 2016	
	Continuing to work within City of Prince George’s Official Community Plan objectives and policies on Climate Change Adaptation. The City takes a leadership role in promoting adaptation to climate change and considering the priorities outlined in the 2009 “Adapting to Climate Change in Prince George.”
	Development of snow removal budgeting model, which will incorporate data from UWaterloo study regarding Climate Change and Transportation in Prince George – Implications of Climate Change for Snow and Ice Control and Road Safety
Climate Change Adaptation Actions Proposed for 2017	
	Continuing to work within City of Prince George’s Official Community Plan objectives and policies on Climate Change Adaptation. The City takes a leadership role in promoting adaptation to climate change and considering the priorities outlined in the 2009 “Adapting to Climate Change in Prince George.”
	Assisted in coordinating “Resilient Infrastructure in a Changing Climate” workshop with Fraser Basin Council.

Resources you have used to support climate change adaptation (e.g. Plan2Adapt, Preparing for Climate Change: Implementation Guide)	
	The City of Prince George climate change adaptation strategy was prepared between 2007-2009 with assistance from UNBC and Pacific Climate Impacts Consortium (PCIC). Implementation of the strategy began with funding received under the Regional Adaptation Collaborative (BC RAC) from 2010-2012. Prince George was used as a case study in the “Preparing for Climate Change: Implementation Guide.” Resources that were used are the Pacific Climate Impacts Consortium (PCIC), our participation in the BC Regional Adaptation Collaborative (BC RAC) and working with a graduate student from UNBC who prepared our Climate Change Adaptation Strategy.
	The City plans to update its climate change adaptation strategy and continue with implementation of the strategy by incorporating the PIEVC protocol into ongoing asset management work in 2018.

In 2016 did you consider climate change impacts in any of the following areas? (check if yes)	
Risk reduction strategies	YES
Risk and Vulnerability assessment	YES
Asset management	YES
Infrastructure upgrades (e.g. stormwater system upgrades)	YES
Cross-department working groups	NO
Emergency response planning	YES
Land-use policy changes (eg. OCP, DPA)	YES
Economic diversification initiatives	NO
Ecosystem-based approaches (incl. shorelines)	YES
Incentives (e.g. property owner reducing stormwater run-off)	NO
Public education and awareness	YES
Research (e.g. mapping, participation in studies)	YES
Other (Please Identify):	N/A

2016 OTHER CLIMATE ACTIONS

Other Climate Actions

This section provides local governments the opportunity to report other climate actions that are not captured in the categories above.

Community-Wide Actions Taken in 2016	
	Provided feedback on “Building BCs Climate Leadership Plan”
	Continue street sweeping to improve air quality. Send out reminder letters to contractors and large parking lot owners in town to educate on proper sweeping procedures to maintain air quality.
	Regulate open burning, wood stoves and sweeping under the Clean Air Bylaw
Community-Wide Actions Proposed for 2017	
	Continue street sweeping to improve air quality. Send out reminder letters to contractors and large parking lot owners in town to educate on proper sweeping procedures to maintain air quality.
	Regulate open burning, wood stoves and sweeping under the Clean Air Bylaw

Corporate Actions Taken in 2016	
	Member of PGAir Board of Directors and Operational Committee
	Two new Environmental Assistants working together on environmental and climate related projects.
	Enrolled as member in Carbon Disclosure Program (CDP Cities)
Corporate Actions Proposed for 2017	
	Member of PGAir Board of Directors and Operational Committee
	New Energy, Environment & Sustainability Division
	Identifying new Climate goals and targets
	Development of internal corporate “Green Team”
	Development of GHG Report Card for the City
	Continue reporting GHG emissions through CDP Cities
	Continued involvement with Partners for Climate Protection

Other	
Are you familiar with the Community Lifecycle Infrastructure Costing Tool (CLIC) ?	Yes
Have you used CLIC? (not actively used)	Yes

INNOVATION AND PEER-TO-PEER LEARNING

Innovation

This section provides the opportunity to showcase an innovative Corporate and/or Community-Wide GHG reduction or climate change adaptation activity that your local government has undertaken and

that has had or has the potential to have a significant impact. Projects included here may be featured as success stories on the B.C. Climate Action Toolkit and/or shared with other local governments to inspire further climate action. Please add links to additional information where possible.

Community-Wide Innovative Action
n/a
Corporate Innovative Action
n/a

Programs, Partnerships and Funding Opportunities

Local governments often rely on programs, partnerships and funding opportunities to achieve their climate action goals. Please share the names of programs and organizations that have supported your local government’s climate actions by listing each entry in the box below.

Programs and Funding
Federation of Canadian Municipalities – Partners for Climate Protection Community Energy Association PGAir University of Northern British Columbia

2016 CARBON NEUTRAL REPORTING

Local governments are required to report on their progress in achieving their carbon neutral goal under the Climate Action Charter. Working with B.C. local governments, the joint Provincial-UBCM Green Communities Committee (GCC) has established a common approach to determining carbon neutrality for the purposes of the Climate Action Charter, including a Carbon Neutral Framework and supporting guidance for local governments on how to become carbon neutral.

Prior to completing this survey, please ensure that you are familiar with guidance available on the B.C. Climate Action Toolkit website, especially *Becoming Carbon Neutral: A Guide for Local Governments in British Columbia*.

Reporting Emissions

Did you measure your local government's corporate GHG emissions in 2016?	Yes
If your local government measured 2016 corporate GHG emissions, please report	5748.4

the number of corporate GHG emissions (in tonnes of carbon dioxide equivalent) from services delivered <u>directly</u> by your local government:	
If your local government measured 2016 corporate GHG emissions, please report the number of corporate GHG emissions (in tonnes of carbon dioxide equivalent) from <u>contracted</u> services:	1326.3
TOTAL A: CORPORATE GHG EMISSIONS FOR 2016	7074.7 tCO2e

Reporting Reductions and Offsets

To be carbon neutral, a local government must balance their TOTAL corporate GHG emissions by one or a combination of the following actions:

- undertake GCC-supported Option 1 Projects
- undertake GCC-supported Option 2 Projects (community GHG emissions reduction projects that meet project eligibility requirements)
- purchase carbon offsets from a credible offset provider

If applicable, please report the 2016 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO2e)) being claimed from Option 1 GHG Reduction Projects:

OPTION 1 PROJECTS	REDUCTIONS
Energy Efficient Retrofits	
Solar Thermal	
Household Organic Waste Composting	
Low Emission Vehicles	
Avoided Forest Conversion	
TOTAL B: REDUCTIONS FROM OPTION 1 PROJECTS FOR 2016	tCO2e

If applicable, please report the names and 2016 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO2e)) being claimed from Option 2 GHG Reduction Projects:

OPTION 2 PROJECT NAME	REDUCTIONS

TOTAL C: REDUCTIONS FROM OPTION 2 PROJECTS FOR 2016	tCO2e

If applicable, please report the number of offsets purchased (in tonnes of carbon dioxide equivalent (tCO2e)) from an offset provider for the 2016 reporting year:

(NOTE: DO NOT INCLUDE ANY FUNDS THAT MAY BE SET ASIDE IN A CLIMATE ACTION RESERVE FUND)

OFFSET PROVIDER NAME	OFFSETS
TOTAL D: OFFSETS PURCHASED FOR 2016	tCO2e

TOTAL REDUCTIONS AND OFFSETS FOR 2016 (Total B+C+D) = 0 tCO2e

Corporate GHG Emissions Balance for 2016

Your local government's Corporate GHG Emissions Balance is the difference between total corporate GHG emissions (direct + contracted emissions) and the GHG emissions reduced through GCC Option 1 and Option 2 projects and/or the purchase of offsets.

CORPORATE GHG EMISSIONS BALANCE FOR 2016 = (A – (B+C+D)) = 7074.7 tCO2e

**If your Corporate GHG Emissions Balance is negative or zero,
your local government is carbon neutral.
CONGRATULATIONS!**

GCC CLIMATE ACTION RECOGNITION PROGRAM

Green Communities Committee (GCC) Climate Action Recognition Program

The joint Provincial-UBCM Green Communities Committee (GCC) is pleased to be continuing the Climate Action Recognition Program again this year. This multi-level program provides the GCC with an opportunity to review and publicly recognize the progress and achievements of each Climate Action Charter (Charter) signatory.

This year a new recognition level has been added – **Level 3: Accelerating Progress on Charter Commitments**–. Recognition is provided on an annual basis to local governments who demonstrate progress on their Charter commitments, according to the following:

Level 1 – Demonstrating Progress on Charter Commitments: for local governments who demonstrate progress on fulfilling one or more of their Charter commitments

Level 2 – Measuring GHG Emissions: for local governments that achieve level 1, and who have measured their Corporate GHG Emissions for the reporting year and demonstrate that they are familiar with the Community Energy and Emissions Inventory (CEEI)

Level 3 – Accelerating Progress on Charter Commitments: for those local governments who have achieved level 1 and 2 and have demonstrated undertaking significant action (corporately or community wide) to reduce GHG emissions in the reporting year (ie: through undertaking a GHG reduction project, purchasing offsets, establishing a reserve fund).

Level 4 - Achievement of Carbon Neutrality: for local governments who achieve carbon neutrality in the reporting year.

For purposes of Level 3 recognition, if applicable, please identify any new or ongoing corporate or community wide GHG reduction projects (other than an Option 1 or Option 2 project) undertaken by your local government that reflects a significant investment of time or financial resources and is intended to result in significant GHG reductions:

PROJECT NAME:
Downtown District Energy System
For more info: https://princegeorge.ca/City%20Services/Pages/Utilities/DistrictEnergy.aspx

Based on your local government's 2016 CARIP Climate Action/Carbon Neutral Progress Survey, please check the GCC Climate Action Recognition Program level that best applies:

Level 1 – Demonstrating Progress on Charter Commitments	
Level 2 – Measuring GHG Emissions	
Level 3 – Accelerating Progress on Charter Commitments	X
Level 4 - Achievement of Carbon Neutrality	
Not Sure	