

Climate Action Revenue Incentive (CARIP) Public Report for 2018

Local Government:

City of Terrace

Report Submitted by:

Name: Role: Email:

Phone: Date: J. Lamoureux City Planner I jlamoureux@terrace.ca 250-615-4041

May 31, 2019



The City of Terrace has completed the 2018 Climate Action Revenue Incentive Program (CARIP) Public Report as required by the Province of BC. The CARIP report summarizes actions taken in 2018 and proposed for 2019 to reduce corporate and community-wide energy consumption and greenhouse gas emissions (GHG) and reports on progress towards achieving carbon neutrality.



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, and centred) plays an especially important role in energy and GHG reduction.

QG	Q 6 + Q 7 Community-Wide Broad Planning Actions Taken in 2018 + Additional Actions		
	Updated Downtown Action Plan & Urban Design Guidelines		
	Completed Grand Trunk Pathway Feasibility Review		
	Implemented Downtown Parking Design Recommendations		
	Completed Kalum-CN Pedestrian Overpass Feasibility Study		
Q8	Q 8 Community-Wide Broad Planning Actions Proposed for 2019		
	Implement Recommendations from Downtown Action Plan – Parklet Pilot Project		
	Complete Heritage Conservation Plan		

Qg	Q 9 + Q 10 Corporate Broad Planning Actions Taken in 2018 + Additional Actions		
	Review and Update to Zoning Bylaw including regulations for urban agriculture and livestock		
Q 1	Q 11 Corporate Broad Planning Actions Proposed for 2019		
	Investigate possibility of incentives for development of mixed-use, compact development in		
	downtown core		

Broad Planning		
Q 12 What is (are) your current 11% below 2007 levels by 2020; 80% below by 2050		
GHG reduction target(s)?		
Q 13 Are you familiar with your la inventory (e.g. <u>CEEI</u> or another in	ocal government's community energy and emissions ventory)?	Yes
Q 14 What plans, policies or guid your community?	elines govern the implementation of climate mitigation in	
Community Energy and Electron	missions Plan	Yes
 Integrated Community Su 	stainability Plan	No
Community- Wide Climate	e Action Plan	No
Official Community Plan		Yes
Regional Growth Strategy	,	No
 Do not have a plan 		No
• Other:		No
Q 15 Does your local government have a corporate GHG reduction plan?		Yes



2018 BUILDING 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.

Q 1	Q 16 + Q 17 Community-Wide Building and Lighting Actions Taken in 2018 + Additional Actions	
	LED Streetlight Upgrading	
	Completed the Construction & Renovation of Aquatic Centre	
	New roof for PW Building – reduction in heat loss	
Q 1	8 Community-Wide Building and Lighting Actions Proposed for 2019	
	Insulation of PW Building north wall	
	Continue to switch lighting in City buildings to LED	

Q 19 + Q 20 Corporate Building and Lighting Actions Taken in 2018 + Additional Actions	
21 Corporate Building and Lighting Actions Proposed for 2019	

Building and Lighting

The Province has committed to taking incremental steps to increase energy-efficiency requirements in the BC Building Code to make buildings net-zero energy ready by 2032. The BC Energy Step Code--a part of the BC Building Code--supports that effort

Q 22 Is your local government aware of the <u>BC Energy Step Code</u> ?	Yes
Q 23 Is your local government implementing the <u>BC Energy Step Code</u> ? Yes	



P5 2018 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.

 Q 24 + Q 25 Community-Wide Energy Generation Actions Taken in 2018 + Additional Actions

 Investigation into the possibility of Solar generation incentives for homeowners

 Q 26 Community-Wide Energy Generation Actions Proposed for 2019

 Continue to Investigate the possibility of Solar generation incentives for homeowners

Q 2	Q 27 + Q 28 Corporate Energy Generation Actions Taken in 2018 + Additional Actions		
Q 2	29 Corporate Energy Generation Actions Proposed for 2019		

Energy Generation	
Q 30 Is your local government developing, or constructing a	
district energy system	No
renewable energy system	No
none of the above	
Q 31 Is your local government operating a	
district energy system	No
 renewable energy system 	No
none of the above	
Q 32 Is your local government connected to a district energy system that is operated by another energy provider?	
Q 33 Are you familiar with the 2018 List of Funding Opportunities for Clean Energy Projects Led	
by First Nations and Local Governments?	



2018 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.

Q3	Q 34 + Q 36 Community-Wide Greenspace Actions Taken in 2018 + Additional Actions (Q 35 below Q 41)	
	Howe Creek Trail enhancements	
	Grow Local Program – Gardening Workshops & Community Education	
Q3	37 Community-Wide Greenspace Actions Proposed for 2019	
	Continued Howe Creek Trail enhancements and infrastructure improvements	
	Enhancement & Development of Court House Trail system	
	Continuation of Grow Local Programming	

Q 38 + Q 39 Corporate Greenspace Actions Taken in 2018 + Additional Actions

Initiated the Review of Brownfields and Contaminated Sites within City Limits

Q 40 Corporate Greenspace Actions Proposed for 2019

Continue to support and provide space for local Community Gardens & urban agriculture Continue to develop the inventory of brownfield and contaminated sites within the City

Greenspace	
Q 41 Does your local government have urban forest policies, plans or programs?	Yes
Q 35. Does your local government have policies, plans or programs to support local food	Yes
production?	



2018 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.

Q 4	Q 42 + Q 43 Community-Wide Solid Waste Actions Taken in 2018 + Additional Actions	
	Funded and Supported the 2018 Garbathon (community-wide garbage clean-up)	
	Continued to promote full-stream organics collection & diversion	
	Continued closure works at former municipal landfill including Leachate treatment enhancements &	
	landfill capping	
Q 4	4 Community-Wide Solid Waste Actions Proposed for 2019	
	Continued landfill closure works	
	Fund and Support the 2019 Garbathon (community-wide garbage clean-up)	

Q 4	Q 45 + Q 46 Corporate Solid Waste Actions Taken in 2018 + Additional Actions		
Q 4	Q 47 Corporate Solid Waste Actions Proposed for 2019		

Solid Waste	
Q 48 Does your local government have construction and demolition waste reduction policies, plans or programs?	
Q 49 Does your local government have organics reduction/diversion policies, plans or programs?	Yes



2018 TRANSPORTATION ACTIONS

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 and public transit, can contribute to reductions in GHG emissions and more livable communities.

Q 5	Q 50 + Q 51 Community-Wide Transportation Actions Taken in 2018 + Additional Actions		
	Continued implementation of Transportation Master Plan including signage and crosswalk		
	improvements		
	Installation of Pedestrian activated crosswalk on major downtown arterial road (Lakelse Ave)		
	Reconstructed two streets including additional sidewalk and pedestrian linkages		
	Installed four new transit shelters at local hospital, university campus & downtown transit		
	exchanges		
	Promotion of Discounted Bus Ticket program for Schools wishing to use Public Transit for Field Trips		
	Installation of Bike Pump at Library / George Little Park		
Q 5	Q 52 Community-Wide Transportation Actions Proposed for 2019		
	Continued implementation of Transportation Master Plan		
	Reconstruction of 2 residential streets including adding sidewalks		
	Bus stop infrastructure improvements including bench installations		
	Installation of Bike Racks throughout Downtown		
	Continued promotion of Discounted Bus Ticket program for Schools wishing to use Public Transit for		
	Field Trips		
	Lakelse Boulevard Improvement Reconstruction Project		
	Pursue federal/provincial grant funding for major improvements to the linkage between major		
	growth area of community and downtown. Proposed improvements include bike lanes, additional		
	sidewalks and a pedestrian staircase		

Q 5	Q 53 + Q 54 Corporate Transportation Actions Taken in 2018 + Additional Actions	
	Promotion of Bike to Work Week	
Q 5	Q 55 Corporate Transportation - Actions Proposed for 2019	
	Promotion of Bike to Work Week	
	Promotion of Staff Carpooling and Active Transportation Options for Commuting	
	Installation of Electric Vehicle charging Stations	



Transportation	
Q 56 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)	N/A
Q 57 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 behaviour)?	
Q 58 Does your local government integrate its transportation and land use planning?	Yes



2018 WATER AND WASTEWATER ACTIONS

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 GHG emissions.

Q 5	Q 59 + Q 60 Community-Wide Water and Wastewater Actions Taken in 2018 + Additional Actions		
	Installation of new \$3.5M influent screening system at municipal Waste Water Treatment Plant (WWTP)		
	Upgraded Lagoon influent system at WWTP		
	Completed City-wide water main leak detection program; located and repaired several significant leaks		
	Replaced approximately 500m of Asbestos Cement water main with new PVC		
QG	1 Community-Wide Water and Wastewater Actions Proposed for 2019		
	Replacement of approximately 600m of Asbestos Cement water main with new PVC		
	Phase 2 of leak detection and repair program		
	Implementation of Phase 1 of WWTP SCADA System for treatment		
	Video inspection of most major sanitary trunk mains		

Q 62 + Q 63 Corporate Water and Wastewater Actions Taken in 2018 + Additional Actions

Q 64 Corporate Water and Wastewater Actions Proposed for 2019

Continued Public Education regarding water restrictions for summer usage and overall water use reduction strategies

Water Conservation	
Q 65 Does your local government have water conservation policies, plans or programs?	Yes



2018 CLIMATE CHANGE ADAPTATION ACTIONS

This section of the CARIP survey is designed to collect information related to the types of climate impacts local governments are experiencing and how they are being addressed.

 Warmer winter temperatures reducing snowpack 	
 Changes to temperature and precipitation causing seasonal drought 	
Heatwaves impacting population health	
 Increased temperatures increasing wildfire activity 	
 Increased temperatures affecting air quality 	
 Changing temperatures influencing species migration and ecosystem shifts 	
 Changing temperatures influencing ecosystem shifts 	
 Extreme weather events contributing to urban and overland flooding 	
 Sea level rise and storms causing coastal flooding and/or erosion 	
Other (please specify):	
Q 67 In 2018 has your local government addressed the impacts of a changing climate us	sing any of the
following?	
Risk and Vulnerability Assessments	Yes/ <mark>No</mark>
lisk Reduction Strategies	Yes/ <mark>No</mark>
mergency Response Planning	Yes/No
sset Management	Yes/ <mark>N</mark> o
latural/Eco Asset Management Strategies	Yes/ <mark>No</mark>
nfrastructure Upgrades (e.g. stormwater system upgrades)	Yes/No
each Nourishment Projects	Yes/No
conomic Diversification Initiatives	Yes/No
	Yes/No
	Yes/ <mark>No</mark>
trategic and Financial Planning	Tes/NO
trategic and Financial Planning Cross-Department Working Groups	
trategic and Financial Planning cross-Department Working Groups Official Community Plan Policy Changes	Yes/No
trategic and Financial Planning cross-Department Working Groups O <mark>fficial Community Plan Policy Changes</mark> Changes to Zoning and other Bylaws and Regulations	<mark>Yes</mark> /No <mark>Yes</mark> /No
trategic and Financial Planning cross-Department Working Groups O <mark>fficial Community Plan Policy Changes</mark> changes to Zoning and other Bylaws and Regulations ncentives for Property Owners (e.g. reducing storm water run-off)	<mark>Yes</mark> /No <mark>Yes</mark> /No Yes/ <mark>No</mark>
trategic and Financial Planning Fross-Department Working Groups Official Community Plan Policy Changes Thanges to Zoning and other Bylaws and Regulations Incentives for Property Owners (e.g. reducing storm water run-off) Public Education and Awareness	<mark>Yes</mark> /No <mark>Yes</mark> /No Yes/ <mark>No</mark> <mark>Yes</mark> /No
trategic and Financial Planning Cross-Department Working Groups Official Community Plan Policy Changes Changes to Zoning and other Bylaws and Regulations Incentives for Property Owners (e.g. reducing storm water run-off) Public Education and Awareness Research	<mark>Yes</mark> /No <mark>Yes</mark> /No Yes/ <mark>No</mark> Yes/No Yes/ <mark>No</mark>
Strategic and Financial Planning Cross-Department Working Groups Official Community Plan Policy Changes Changes to Zoning and other Bylaws and Regulations ncentives for Property Owners (e.g. reducing storm water run-off) Public Education and Awareness Research Mapping Partnerships	Yes/No Yes/No Yes/No Yes/No Yes/No Yes/No Yes/No



C	Q 68 Climate Change Adaptation Actions Taken in 2018		
Ρ	Please elaborate on key actions and/or partnerships your local government has engaged in to prepare		
f	for, and adapt to a changing climate. Add links to key documents and information where appropriate.		
	City-wide water main leak detection program was completed.		
	OCP highlights the City's GHG reduction targets to 2050 & provides guiding principles/objectives for		
	the support of local food systems, compact and complete neighbourhoods, water, energy,		
	infrastructure and waste management, etc.		
	https://www.terrace.ca/sites/default/files/docs/city-hall/bylaws/2142-		
	18 official community plan consolidated to 2153-18.pdf		
	Downtown Action Plan and Urban Design Guidelines supports mixed-use compact development,		
	active transportation corridors and drought-tolerant landscape design		
	https://www.terrace.ca/sites/default/files/docs/terrace_downtown_action_plan_and_urban_design_		
	guidelines - final - 9-oct-2018 low res.pdf		
C	e 69 Climate Change Adaptation Actions Proposed for 2019		
C	Q 70 For more information please contact		

71. The following are key resources that may be helpful to your local government in identifying climate impacts, as	
well as, strategies, actions and funding to deal with them. For those resources that yo	ou have used, please indicate
whether they were useful in advancing your work in climate change adaptation?	
Indicators of Climate Change for British Columbia	Haven't Used/Useful/Not Useful
Plan2Adapt	Haven't Used / <mark>Useful</mark> /Not Useful
Climate Projections for Metro Vancouver	Haven't Used /Useful/Not Useful
Climate Projections for the Capital Region	Haven't Used /Useful/Not Useful
Climate Projections for the Cowichan Valley Regional District	Haven't Used /Useful/Not Useful
Province of BC's BC Adapts Video Series	Haven't Used /Useful/Not Useful
Preparing for Climate Change: Implementation Guide for Local Governments	Haven't Used /Useful/ <mark>Not Useful</mark>
Public Infrastructure and Engineering Vulnerability Committee's (PIEVC)	Haven't Used /Useful/Not Useful
Sea Level Rise Adaptation Primer	Haven't Used /Useful/Not Useful
BC Regional Adaptation Collaborative Webinars	Haven't Used /Useful/Not Useful
Retooling for Climate Change	Haven't Used / <mark>Useful</mark> /Not Useful
Water Balance Model	Haven't Used /Useful/Not Useful
Water Conservation Calculator	Haven't Used /Useful/Not Useful
Funding:	
National Disaster Mitigation Program (NDMP)	Haven't Used /Useful/Not Useful
Community Emergency Preparedness Fund (CEPF)	Haven't Used /Useful/Not Useful
Municipalities for Climate Innovation Program (MCIP)	Haven't Used /Useful/Not Useful
Climate Adaptation Partner Grants (FCM)	Haven't Used / <mark>Useful</mark> /Not Useful
Infrastructure Planning Grants (MAH)	Haven't Used /Useful/Not Useful
Federal Gas Tax Fund	Haven't Used / <mark>Useful/</mark> Not Useful
Other (please specify)	



2018 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.

Q7	Q 72 Community-Wide Other Actions Taken in 2018	
Q 73 Corporate Other Actions Taken in 2018		

Other	
Q 74 Are you familiar with the Community Lifecycle Infrastructure Costing Tool (CLIC)?	
Q 75 Is your local government using the <u>CLIC</u> tool?	Yes



INNOVATION AND PEER-TO-PEER LEARNING

Innovation

This section provides the opportunity to showcase an innovative *Corporate and/or Community-Wide* GHG reduction and/or climate change adaptation activity that your local government has undertaken and that has had, or has the potential to have, a significant impact. You are welcome to highlight an action that has already been listed.

Projects included here may be featured as success stories on the <u>B.C. Climate Action Toolkit</u> and/or shared with other local governments to inspire further climate action. Please add links to additional information where possible.

Communities that have conducted innovative initiatives may want to consider making applications to <u>CEA's Climate and Energy Action Awards</u>, <u>FCM Sustainable Communities Awards</u> or to <u>FCM's National</u> <u>Measures Report</u>.

Q 76 Community-Wide Innovation Action	
Q 77 Corporate Innovation Action	
Q 78 For more information on actions described above contact	

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 separated by a forward slash (e.g. program1/program2).

Mitigation

Q 79 Mitigation Programs, Partnerships and Funding

Adaptation

Q 80 Adaptation Programs, Partnerships and Funding



2018 CARBON NEUTRAL REPORTING

Local governments are required to report on their progress in achieving their carbon neutral goal under the <u>B.C. Climate Action Charter</u>. 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 portion of the survey, please ensure that you are familiar with guidance available on the <u>B.C. Climate Action Toolkit website</u>, especially the <u>Workbook</u> and <u>Becoming Carbon</u> <u>Neutral: A Guide for Local Governments in British Columbia.</u>

Please note: As a result of the BC Recycling Regulation, local governments are no longer required to account for GHG emissions from vehicles, equipment and machinery required for the collection, transportation and diversion of packaging and printed paper, in their annual Climate Action Revenue Incentive Program (CARIP) reports.

Reporting Emissions

Q 81 Did your local government measure corporate GHG emissions for 2018?	Yes
Q 82 If your local government measured 2018 corporate GHG emissions, please report the number of corporate GHG emissions from services delivered directly by your local government (in tonnes of carbon dioxide equivalent)	920
Q 83 If your local government measured 2018 corporate GHG emissions, please report the number of corporate GHG emissions from contracted services (in tonnes of carbon dioxide equivalent)	0
Q 84 TOTAL A: CORPORATE GHG EMISSIONS FOR 2018 (Direct GHGs + Contracted GHGs)	920 tCO2e

Reporting Reductions and Offsets

To be carbon neutral, a local government must balance their TOTAL corporate GHG emissions generated in 2018 by one or a combination of the following actions:

- undertake GCC-supported Option 1 Project(s)
- undertake GCC-supported Option 2 Project(s)
- purchase carbon offsets from a credible offset provider

For more information about options to balance or offset corporate GHG emissions please refer to <u>Becoming Carbon Neutral: A Guidebook for Local Governments in British Columbia.</u>



If applicable, please report the 2018 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO2e)) being claimed from any of the following Option 1 GHG Reduction Projects:

OPTION 1 PROJECTS	REDUCTIONS
Q 85 Energy Efficient Retrofits (in tonnes of carbon dioxide equivalent (tCO2e))	
Q 86 Solar Thermal (in tonnes of carbon dioxide equivalent (tCO2e))	
Q 87 Household Organic Waste Composting (in tonnes of carbon dioxide equivalent (tCO2e))	
Q 88 Low Emission Vehicles (in tonnes of carbon dioxide equivalent (tCO2e))	
Q 89 Avoided Forest Conversion (in tonnes of carbon dioxide equivalent (tCO2e))	
Q 90 TOTAL B: REDUCTIONS FROM ALL OPTION 1 PROJECTS FOR 2018	0 tCO2e

Q 91 If applicable, please report the names and 2018 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO2e)) being claimed from Option 2 GHG Reduction Projects:

Option 2 Project Name	REDUCTIONS
Option 2 GHGs Reduced (tCO2e)	
Option 2 Project Name	
Option 2 GHGs Reduced (tCO2e)	
Option 2 Project Name	
Option 2 GHGs Reduced (tCO2e)	
Q 92 TOTAL C: REDUCTIONS FROM ALL OPTION 2 PROJECTS FOR 2018	0 tCO2e



Offsets

Q 93 If applicable, please report the name of the offset provider, type of project and number of offsets purchased (in tonnes of carbon dioxide equivalent (tCO2e)) from an offset provider for the 2018 reporting year:

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

Offset Provider Name	OFFSETS
Offsets (tCO2e)	
Offset Provider Name	
Offsets (tCO2e)	
Q 94 TOTAL D: OFFSETS PURCHASED FOR 2018	0 tCO2e

Q 95 TOTAL REDUCTIONS AND OFFSETS FOR 2018 (Total B+C+D) = 0 tCO2e

Corporate GHG Emissions Balance for 2018

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

Q 96 CORPORATE GHG EMISSIONS BALANCE FOR 2018 = (A – (B+C+D)) = 920 tCO2e

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

Q 97 If your local government was carbon neutral in 2018, please record any emissions reductions you will be carrying over for future years and the source of the reductions, including the year they were earned (e.g. organics diversion, 2018 100 tCO2e)

SOURCE OF CARRY OVER EMISSION REDUCTIONS (and year earned)	REDUCTIONS
Q 98 BALANCE OF REDUCTIONS ELIGIBLE FOR CARRY OVER TO NEXT YEAR	tCO2e



Carbon Neutral ReportingQ 99 Does your local government set aside funds in a climate reserve fund or similar?No



GCC CLIMATE ACTION RECOGNITION PROGRAM

Green Communities Committee 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.

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 their community's energy and emissions inventory (i.e. 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 (e.g. 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.

Q 100 Based on your local government's 2018 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	х
Level 3 – Accelerating Progress on Charter Commitments	
Level 4 - Achievement of Carbon Neutrality	
Not Sure	

Q 101 Related to 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 and/or financial resources and is intended to result in significant GHG reductions: n/a