



Climate Action Revenue Incentive (CARIP) Public Report for 2018

Local Government:

Resort Municipality of Whistler

Report Submitted by:

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The Resort Municipality of Whistler 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.

2018 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.

Q 6 + Q 7 Community-Wide Broad Planning Actions Taken in 2018 + Additional Actions	
	Draft 2018 Official Community Plan received 1 st reading at Council
	Continued implementation on the Community Energy and Climate Action Plan (CECAP), with the addition of quarterly updates
	Continued public reporting to Council of annual Energy & GHG Emissions
	Adoption and implementation of updated Community Vision
Q 8 Community-Wide Broad Planning Actions Proposed for 2019	
	Adoption of 2018 Official Community Plan (OCP) expected fall 2019
	Continued implementation of Community Energy and Climate Action Plan (CECAP), with quarterly reporting to Council and public
	Continued public reporting to Council of annual Energy & GHG Emissions
	Through OCP adoption, implementation of new development permit areas

Q 9 + Q 10 Corporate Broad Planning Actions Taken in 2018 + Additional Actions	
	Continued implementation on the Community Energy and Climate Action Plan (CECAP), with the addition of quarterly updates
	Continued public reporting to Council of annual Energy & GHG Emissions
	Proposal of a Climate focused position at the RMOW
Q 11 Corporate Broad Planning Actions Proposed for 2019	
	Continued implementation of Community Energy and Climate Action Plan (CECAP), with quarterly reporting
	Continued public reporting to Council of annual Energy & GHG Emissions
	Addition of a full time Climate Change Coordinator role starting June 2019

Broad Planning	
Q 12 What is (are) your current GHG reduction target(s)?	33% below 2007 levels by 2020; 80% below 2007 levels by 2050; 90% below 2007 levels by 2060
Q 13 Are you familiar with your local government's community energy and emissions inventory (e.g. CEEI or another inventory)?	Yes

Q 14 What plans, policies or guidelines govern the implementation of climate mitigation in your community? <ul style="list-style-type: none"> • Community Energy and Emissions Plan • Integrated Community Sustainability Plan • Community- Wide Climate Action Plan • Official Community Plan • Regional Growth Strategy • Do not have a plan • Other: Corporate Carbon Neutral Operations Plan 	Yes Yes Yes Yes Yes No Yes
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 16 + Q 17 Community-Wide Building and Lighting Actions Taken in 2018 + Additional Actions	
	Implementation of the Energy Step Code (ESC), Step 3 is now applicable to all Part 9 residential buildings and Step 4 will apply to all Part 9 residential buildings when applying for rezoning. Done through engagement and them formally through building bylaw amendment
	Continued to offer energy assessment rebates to residential home-owners
	Implementation of EfficiencyBC rebates to residential and businesses in the community
Q 18 Community-Wide Building and Lighting Actions Proposed for 2019	
	Continued implementation of the ESC, Step 3 to all Part 9 residential buildings and Step 4 ESC will apply to all Part 9 residential buildings when applying for rezoning
	Looking to expand the ESC implementation to Part 3 buildings also
	Continued implementation of CleanBC-Better Buildings rebates
	Through OCP adoption and an internal referral process, discourage use of certain lighting, which would affect the quality of the night sky in proposals
	Proposals for significant new development or redevelopment will be required to quantify future GHG emissions and energy consumption impacts once the 2018 draft OCP is approved
	An open house or information session is anticipated in Q2 for the BC Energy Step Code. This will go along with the ongoing plan to put on information session with respect to general Building Code changes and how they affect or stakeholders

Q 19 + Q 20 Corporate Building and Lighting Actions Taken in 2018 + Additional Actions	
	Promote improving automated controls on heat tracing across Municipal owned buildings
	Continue to support development of the new Whistler Housing Authority Passivhaus affordable apartment building project

	Execute on phased implementation of Building Asset management and upgrade plans
Q 21 Corporate Building and Lighting Actions Proposed for 2019	
	Continue to execute on phased implementation of Building Asset Management and Upgrade Plans

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 BC Energy Step Code?	Yes
Q 23 Is your local government implementing the BC Energy Step Code?	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	
	Planned for the implementation municipal top ups for residential and businesses in the community through EfficiencyBC
	Continued to upgrade (and expand use of) the waste-heat recovery based DES at Cheakamus Crossing
Q 26 Community-Wide Energy Generation Actions Proposed for 2019	
	Implementation of municipal top up and through CleanBC- Better Buildings when community members transition from a fossil fuel system to a forced air heat pump for heating and cooling
	Looking to further incentivise the uptake of rebates through pricing change or other avenues
	Initiate planning for the expansion of DES loop for potential Cheakamus Crossing Phase II lands
	Continue to upgrade (and expand use of) the waste-heat recovery based DES at Cheakamus Crossing

Energy Generation	
Q 30 Is your local government developing, or constructing a	

<ul style="list-style-type: none"> • district energy system • renewable energy system • none of the above 	Yes No
Q 31 Is your local government operating a <ul style="list-style-type: none"> • district energy system • renewable energy system • none of the above 	Yes No
Q 32 Is your local government connected to a district energy system that is operated by another energy provider?	No
Q 33 Are you familiar with the 2018 List of Funding Opportunities for Clean Energy Projects Led by First Nations and Local Governments?	Yes

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.

Q 34 + Q 36 Community-Wide Greenspace Actions Taken in 2018 + Additional Actions (Q 35 below Q 41)	
	Continued support of the Cheakamus Community Forest carbon offset program. Both in terms of policy support as well as direct purchase commitments
	Development of the Wildfire Protection, Protection of Riparian Ecosystems, and Protection of Sensitive Ecosystems Development Permit Areas in the new OCP
	Acquired additional open space; Parkhurst
Q 37 Community-Wide Greenspace Actions Proposed for 2019	
	Continued support of the Cheakamus Community Forest carbon offset program. Both in terms of policy support as well as direct purchase commitments
	Enactment of the new OCP formalizing the Wildfire Protection, Protection of Riparian Ecosystems, and Protection of Sensitive Ecosystems Development Permit Areas
	Habitat enhancement project around the wetland located in Cheakamus Crossing, enhancing roughly 700m ² of riparian area
Q 38 + Q 39 Corporate Greenspace Actions Taken in 2018 + Additional Actions	
	Initiation of the Whistler Parks Master Plan process including community engagement
Q 40 Corporate Greenspace Actions Proposed for 2019	
	Continued development, creation and enactment of the Whistler Parks Master Plan

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 production?	Yes

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 42 + Q 43 Community-Wide Solid Waste Actions Taken in 2018 + Additional Actions	
	Pilot project in 2017 and 2018 was to test signage (and a separate compost bin) in the streetscape realm at Celebration Plaza and Skiers Plaza. RMOW public facing waste bins (library and Meadow Park) and internal waste bins at other municipal facilities now have standardized signage
	Adopted updates to solid waste related bylaws to meet best practice and increase diversion of compost and recyclables
	Adopted prices and tipping fee schedules to better incentivize waste diversion to compost and recyclables
	Continued communication to community with educational and motivational messages regarding waste reduction and diversion practices
Q 44 Community-Wide Solid Waste Actions Proposed for 2019	
	Continued use of standardised signage on RMOW public facing waste bins (library and Meadow Park) and internal waste bins at other municipal facilities
	Continue communication to community with educational and motivational messages regarding waste reduction and diversion practices
	Updating waste collection bin signage for Community Park bins (78 bins) and running a signage pilot project in Whistler Olympic Plaza aimed at improving signage and diversion opportunities (10 bins)
	Working to improve extended producer responsibility programs and awareness in Whistler
	Undertaking a waste audit at the Whistler Transfer Station
	Negotiating a new operational contract for the Whistler Composting Facility
Q 45 + Q 46 Corporate Solid Waste Actions Taken in 2018 + Additional Actions	
	New Waste Diversion Bylaw that compels all Whistler businesses to divert recyclables and organics from the landfill waste stream
	Continued expansion of improved and streamlined recycling infrastructure in municipal facilities
Q 47 Corporate Solid Waste Actions Proposed for 2019	

	Hired a full time Solid Waste Technician. Initiating the Solid Waste Committee is part of their work plan
	Continue expansion of improved and streamline recycling infrastructure in municipal facilities
	Participating in the National Solid Waste Benchmarking Initiative

Solid Waste	
Q 48 Does your local government have construction and demolition waste reduction policies, plans or programs?	Yes
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 50 + Q 51 Community-Wide Transportation Actions Taken in 2018 + Additional Actions	
	The cost of monthly transit passes has been substantially reduced through the use of revenue from the pay parking in Day Lots 1 – 5
	10 Valley Express transit route pilot project was started in December
	Expand transit system service levels
	Initiated carpool parking program
	Expanded valley trail snow clearing to facilitate more preferred transportation options in winter
	Updated to Lot 4/5 parking rates
	Continued collaborative regional planning for regional transit system
Q 52 Community-Wide Transportation Actions Proposed for 2019	
	Continue to have reduced cost monthly transit passes through the use of revenue from the pay parking in Day Lots 1 – 5
	10 Valley Express transit route pilot project will continue throughout much of 2019
	Significant capital improvement to Valley Trail system identified in Five Year Financial Plan
	Plan for next phase of TAG implementation actions
	Continue to collaborate on regional planning for regional transit system

Q 53 + Q 54 Corporate Transportation Actions Taken in 2018 + Additional Actions	
	E-Bike policy is being developed
	Continued review of electric vehicle performance and planning for wider integration of electric vehicles within fleet
	Expended electric vehicle integration into corporate operations
Q 55 Corporate Transportation - Actions Proposed for 2019	

	Continue work on the E-Bike policy
	Included in the 2019 Capital budget is \$15,000 for upgrades to the current Electric Vehicle (EV) charging infrastructure
	Planning and design will begin for additional charging stations in desired areas with installation proposed for subsequent years or as grant money comes available
	More EVs are being considered for the 2019 vehicle purchasing process
	Through the internal referral process Environmental Stewardship recommends EV infrastructure or the space for future EV infrastructure is considered in new larger developments
	Explore carpool options with municipal employees who commute from out of town

Transportation	
Q 56 Does your local government have policies, plans or programs to support: <ul style="list-style-type: none"> • Walking • Cycling • Transit Use • Electric Vehicle Use • Other (please specify) 	Yes Yes Yes Yes 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)?	Yes
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 59 + Q 60 Community-Wide Water and Wastewater Actions Taken in 2018 + Additional Actions	
	Implemented new potable water conservation bylaw
	Support new bylaw with communications campaign
	Expand online transparency re: water reserve(s) levels
	Stakeholder outreach to enhance public engagement, communications and social marketing to optimize water conservation and emergency preparedness
	Implemented new once through usage bylaw
Q 61 Community-Wide Water and Wastewater Actions Proposed for 2019	
	Continue to implement new potable water conservation bylaw
	Continued stakeholder outreach to enhance public engagement, communications and social marketing to optimize water conservation and emergency preparedness

Q 62 + Q 63 Corporate Water and Wastewater Actions Taken in 2018 + Additional Actions	
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	Review of inflow and infiltration into sanitary sewer system
	Increased water capacity planning
Q 64 Corporate Water and Wastewater Actions Proposed for 2019	
	Work has started on evaluating metered water rates for industrial, commercial, and institutional properties in Whistler
	Implement Cross Connection Control Bylaw

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.

Q 66 Please identify the THREE climate impacts that are most relevant to your Local Government.	
<ul style="list-style-type: none"> • Warmer winter temperatures reducing snowpack • Increased temperatures increasing wildfire activity • Extreme weather events contributing to urban and overland flooding 	
Other (please specify):	
Q 67 In 2018 has your local government addressed the impacts of a changing climate using any of the following?	
Risk and Vulnerability Assessments	Yes
Risk Reduction Strategies	Yes
Emergency Response Planning	Yes
Asset Management	Yes
Natural/Eco Asset Management Strategies	No
Infrastructure Upgrades (e.g. stormwater system upgrades)	No
Beach Nourishment Projects	No
Economic Diversification Initiatives	Yes
Strategic and Financial Planning	Yes
Cross-Department Working Groups	Yes
Official Community Plan Policy Changes	Yes
Changes to Zoning and other Bylaws and Regulations	Yes
Incentives for Property Owners (e.g. reducing storm water run-off)	Yes
Public Education and Awareness	Yes
Research	Yes
Mapping	Yes
Partnerships	Yes

Other (please specify): Incentives for Fire Smart treatments on private lands (chipper costs)	

Q 68 Climate Change Adaptation Actions Taken in 2018	
Please elaborate on key actions and/or partnerships your local government has engaged in to prepare for, and adapt to a changing climate. Add links to key documents and information where appropriate.	
	Fire Smart assessments and private/strata support programs
	Kerr Wood Leidal Engineering has completed Phase I of a flood risk assessment for the Whistler Valley to minimize damage from heavy rain events
	A Sea to Sky Multimodal Evacuation Plan Guidance Document is in draft form and under review by a Steering Committee
	Creation of development permit area for wildfire protection
	Wildfire protection through fuel thinning in wildland urban interface as well as landscape level fuel breaks
Q 69 Climate Change Adaptation Actions Proposed for 2019	
	Continued wildfire protection through fuel reduction along the Cheakamus Lake Forest Service Road and work will continue into spring 2019 with the road reopened on May 15. Phase Two of this project is planned for autumn/winter 2019/20
	An application for funding of the Phase II of the flood risk assessment has been submitted in relation to minimizing future damage from heavy rain events
	Completion of the Sea to Sky Multimodal Evacuation Plan Guidance Document
	Implementation of the Official Community Plan with DP are for wildfire protection
	Fire Smart assessments and private/strata support programs
	Increased water conservation planning
Q 70 For more information please contact	
	Amy Sefton – asefton@whistler.ca 604-935-8198

Q 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 you have used, please indicate whether they were useful in advancing your work in climate change adaptation?	
Indicators of Climate Change for British Columbia Plan2Adapt Climate Projections for Metro Vancouver Climate Projections for the Capital Region Climate Projections for the Cowichan Valley Regional District Province of BC's BC Adapts Video Series Preparing for Climate Change: Implementation Guide for Local Governments Public Infrastructure and Engineering Vulnerability Committee's (PIEVC) Sea Level Rise Adaptation Primer BC Regional Adaptation Collaborative Webinars Retooling for Climate Change Water Balance Model Water Conservation Calculator Funding: National Disaster Mitigation Program (NDMP) Community Emergency Preparedness Fund (CEPF) Municipalities for Climate Innovation Program (MCIP) Climate Adaptation Partner Grants (FCM) Infrastructure Planning Grants (MAH) Federal Gas Tax Fund	Haven't Used/ Useful /Not Useful Haven't Used / Useful /Not Useful Haven't Used / Useful /Not Useful Haven't Used / Useful /Not Useful Haven't Used / Useful /Not Useful Haven't Used / Useful /Not Useful Haven't Used / Useful /Not Useful Haven't Used / Useful /Not Useful Haven't Used /Useful/Not Useful Haven't Used / Useful /Not Useful Haven't Used / Useful /Not Useful Haven't Used / Useful /Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used /Useful/Not Useful Haven't Used / Useful /Not Useful Haven't Used / Useful /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.

Other	
Q 74 Are you familiar with the Community Lifecycle Infrastructure Costing Tool (CLIC) ?	Yes
Q 75 Is your local government using the CLIC tool?	No

INNOVATION AND PEER-TO-PEER LEARNING

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).

Adaptation

Q 80 Adaptation Programs, Partnerships and Funding
<ul style="list-style-type: none"> • Received \$100,000 funding from the Community Resiliency Investment Program to support the Fire Smart Program for 2019 • Received FCM funding for climate focused position • Partnered with Cheakamus Community Forest on landscape level fuel breaks and received funding from the Forest Enhancement Society of BC

2018 CARBON NEUTRAL REPORTING

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

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)	1692 tCO ₂ e

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)	485 tCO₂e
Q 84 TOTAL A: CORPORATE GHG EMISSIONS FOR 2018 (Direct GHGs + Contracted GHGs)	2177 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 [Becoming Carbon Neutral: A Guidebook for Local Governments in British Columbia](#).

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
Cheakamus Community Forest	2177 tCO₂e
Offsets (tCO₂e)	
Offset Provider Name	
Offsets (tCO₂e)	
Q 94 TOTAL D: OFFSETS PURCHASED FOR 2018	2177 tCO₂e

Q 95 TOTAL REDUCTIONS AND OFFSETS FOR 2018 (Total B+C+D) = 2177 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)) = 0 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	0 tCO₂e

Carbon Neutral Reporting	
Q 99 Does your local government set aside funds in a climate reserve fund or similar?	Yes

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:

<input type="checkbox"/>	Level 1 – Demonstrating Progress on Charter Commitments	
<input type="checkbox"/>	Level 2 – Measuring GHG Emissions	
<input type="checkbox"/>	Level 3 – Accelerating Progress on Charter Commitments	
<input checked="" type="checkbox"/>	Level 4 - Achievement of Carbon Neutrality	X
<input type="checkbox"/>	Not Sure	