



## Local Government Climate Action Program Survey Submission Report

### Penticton

Report generated on Thursday, July 14, 2022 09:02 PST

Question	Answer
1. Does your local government or Modern Treaty Nation have a climate action plan or strategy?	Yes
1.a. Indicate the date the plan was adopted.	November 16, 2021
1.b. Include a link to the document (URL) or webpage.	<a href="https://www.penticton.ca/sites/default/files/docs/our-community/environment/2021%20Community%20Climate%20Action%20Plan.pdf">https://www.penticton.ca/sites/default/files/docs/our-community/environment/2021%20Community%20Climate%20Action%20Plan.pdf</a>
2. For the calendar year 2021, did your local government or Modern Treaty Nation measure and publicly disclose corporate greenhouse gas (GHG) emissions?	Corporate emissions have been measured but have not yet been made public (website to be updated soon)
3. For calendar year 2021, did your local government or Modern Treaty Nation measure and publicly disclose a community-wide emissions inventory?	Yes, we do our own community-wide emissions inventory
3.a. What year is the data from?	2018

3.b. How frequently is data collected (i.e., every 5 years)?	Data was updated through 2021 CCAP process
3.c. What methodology is used (e.g. consumption based)?	Consumption based using provincial CEEI and local gas sales data
3.d. Include a link to the document (URL) or webpage where it is disclosed.	<a href="https://www.penticton.ca/sites/default/files/docs/our-community/environment/2021%20Community%20Climate%20Action%20Plan.pdf">https://www.penticton.ca/sites/default/files/docs/our-community/environment/2021%20Community%20Climate%20Action%20Plan.pdf</a>
3.e. What are your total community-wide emissions (in tCO <sub>2</sub> e)?	236000
3.f. What are the sectoral emissions from energy use in buildings (in tCO <sub>2</sub> e)?	75355
3.g. What are the sectoral emissions from energy use in transportation (in tCO <sub>2</sub> e)?	129843
3.h. What are the sectoral emissions from methane at landfills (in tCO <sub>2</sub> e)?	32511
3.i. What are the indirect emissions from electricity used in the community (in tCO <sub>2</sub> e)?	3578
3.j. What is the energy use from electricity (in kWh)?	368900000

4. Is your local government or Modern Treaty Nation tracking progress on its community-wide GHG reduction target?	Yes
4.a. Please provide your reduction target(s).	Two targets: 40% reduction below 2007 levels by 2030, and 100% reduction below 2007 by 2050
4.b. Please provide the target year.	2030 and 2050
4.c. Please provide the baseline year.	2007
4.d. Please provide the link(s) to the document(s) or website if available.	<a href="https://www.penticton.ca/sites/default/files/docs/our-community/environment/2021%20Community%20Climate%20Action%20Plan.pdf">https://www.penticton.ca/sites/default/files/docs/our-community/environment/2021%20Community%20Climate%20Action%20Plan.pdf</a>
5. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Buildings	<p>The City of Penticton has implemented the BC Energy Step Code for the following:</p> <ul style="list-style-type: none"> <li>- Part 9 buildings: Step 3 for Group C residential, Step 1 for Group D and E.</li> <li>- Part 3 buildings: Step 1 for Group C and D.</li> </ul> <p>In 2021, Penticton updated the Building Bylaw to require home energy label requirements for new builds. Also in 2021, solar hot water and photovoltaic solar ready requirements were added to the building bylaw.</p> <p>The City offers a Home Energy Loan Program, which is a financing program to assist homeowners in implementing energy efficiency upgrades to their home, including heat pumps, high efficiency gas furnaces, envelope upgrades, and more. The loan is 0.5% above prime and repayable over 10 years on resident's utility bills.</p> <p>On the corporate side, the City undertook ASHRAE audits for the buildings with the largest emissions and applied for a CleanBC grant to retrofit the Community Recreation Centre. It is estimated that emissions will be reduced by 301.9 tCO<sub>2</sub>e per year with full retrofit implementation.</p>

<p>6. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Transportation</p>	<p>In 2022, the City of Penticton is adding four 50kW DCFC electric vehicle charging stations. It is estimated that the stations will reduce emissions by 1,857tCO<sub>2</sub>e over the lifespan of the project. The City also installed two level 2 EV charging stations at City Hall in 2022.</p> <p>In 2021, the City started Phase 1 of the new Lake to Lake cycling route, with construction of Phase 2 currently underway. This is a 2 way separated bicycle lane that will connect Okanagan Lake and Skaha Lake by 2023 after Phase 3 is complete. The City has applied for grants to create arterial cycling lanes off the Lake to Lake route, further increasing connectivity for active transportation.</p>
<p>7. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Community</p>	<p>In 2021 the City adopted a new Community Climate Action Plan.</p>
<p>8. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Climate Resilience</p>	<p>In 2023 the City will undertake the development of a Climate Resiliency Plan or equivalent. The plan has two targets: 40% reduction in emissions below 2007 levels by 2030, and a 100% reduction from 2007 levels by 2050.</p> <p>The CCAP contains actions that will increase energy efficiency and lower emissions from buildings, transportation and solid waste.</p>
<p>9. Which elements of your community's current official community plan (OCP) (or other relevant strategies, policies and/or plans) support the creation of more complete, compact communities?</p>	<p>Penticton's OCP has four primary goals for the Growth Plan: Intensification of existing urban areas, maximizing use of existing assets and infrastructure, creating complete and accessible communities, and minimizing negative impacts on natural areas.</p> <p>For intensification of existing urban areas, areas close to the downtown and to shopping and employment centres will see appropriate levels of densification, with an emphasis on low-rise and mid-rise developments, rather than high-rise developments. Some areas on the periphery of higher-density areas, like the Downtown, will see the development of ground-oriented multifamily housing like townhouses and rowhouses, while others area will be 'infill' development that is compatible with the scale of existing houses. This form of 'gentle densification' will allow more households to live in higher-amenity areas while maintaining neighbourhood character and scale.</p>
<p>10. What actions has your local government or Modern Treaty Nation taken to increase community completeness and compactness since 2020 (e.g. urban containment boundary, increasing density by allowing secondary suites and laneway or carriage housing options)?</p>	<p>The City currently promotes density by allowing secondary suits and laneway/carriage house option. Many single family homes have been converted to duplexes or greater.</p>

11. What data would be most valuable to your local government or Modern Treaty Nation in decision-making related to the creation of complete, compact communities?	Update CEEI one to two years to assist with GHG reduction tracking.
12. From 2021 to now, has your local government or Modern Treaty Nation taken any action(s) to address climate impacts?	The City is planning to develop a Climate Adaption/Resiliency plan in 2023. The majority of planning work in 2021 and 2022 were for the new Community Climate Action Plan (2021) and new Corporate Energy and Emissions Plan (2022). We understand that planning for adaption and resilience is critical and will be addressing in 2023.
13. Has a climate risk and vulnerability assessment (or similar assessment) been undertaken for your local government or Modern Treaty Nation?	No, but we are intending to undertake one in the next two years
14. What are the three most significant climate hazards faced by your jurisdiction	"Extreme heat and heat stress", "Wildfire", "Water shortage", "Overland flooding", "Ecological, cultural and/or human health impacts (examples of cultural impacts include threats to identities, languages, and livelihoods; examples of ecological impacts include biodiversity loss, erosion, invasive species, ecosystem changes)", "Wind, rain, and other storm events", "Extreme cold, snow and ice", "Coastal flooding, storm surge events and/or other coastal hazards"
15. Are you responding to this survey on behalf of a Modern Treaty Nation?	No
16. Based on the hazard you indicated as most significant in question 14, as a local government, which groups are most exposed/vulnerable to the impacts of that climate hazard?	"Low-income households", "Indigenous peoples", "Racialized communities", "Newcomers to Canada (immigrants and refugees)", "People experiencing homelessness", "Seniors", "Women and girls"
17. Based on the hazard you indicated as second most significant in question 14, as a local government, which groups are most exposed/vulnerable to the impacts of that climate hazard?	"Low-income households", "Indigenous peoples", "Racialized communities", "Newcomers to Canada (immigrants and refugees)", "People experiencing homelessness", "Seniors", "Women and girls"
18. Based on the hazard you indicated as third most significant in question 14, as a local government, which groups are most exposed/vulnerable to the impacts of that climate hazard?	"Low-income households", "Indigenous peoples", "Racialized communities", "Newcomers to Canada (immigrants and refugees)", "People experiencing homelessness", "Seniors", "Women and girls"

19. Select the top three factors your local government or Modern Treaty Nation needs most to increase the capacity to adapt to climate impacts and build community resilience.	"Increased funding", "Increased staff knowledge, expertise and data specific to climate adaptation", "Increased staff capacity"
20. How does your local government or Modern Treaty Nation ensure equitable access to, and distribution of, climate action opportunities and benefits?	"By engaging with equity seeking groups/frontline communities most impacted by climate change"
21. Do the climate action plan(s) and priorities of your local government or Modern Treaty Nation align with the climate action plans and priorities of senior levels of government?	"Yes, we assess our plans and priorities for multilevel alignment"
22. Is your local government a signatory to the B.C. Climate Action Charter or a Modern Treaty Nation?	Yes
23. To demonstrate commitment to climate action, climate investments (i.e., matching funding or in-kind contributions) equivalent to 20% of the provincial funding received are required of local governments and Modern Treaty Nations. The intent is to show past, current, and future investments in climate action and create awareness and education.	"Staff time", "Climate or energy studies and/or assessments", "Climate or energy plans, policies and/or strategy development", "Climate resilient infrastructure and/or capital project(s)"
24. Please provide your (or survey primary contact's) first and last name.	David Kassian
25. Please indicate your (or survey primary contact's) position with your local government or Modern Treaty Nation.	Community Sustainability Coordinator

26. Please provide your (or survey primary contact's) business email address.	david.kassian@penticton.ca
27. Please provide your (or survey primary contact's) business phone number.	2504902527



## Local Government Climate Action Program Attestation Form

**Instructions for the Attestor:**

1. Complete and sign this form by filling in the fields below.
2. Email the completed and signed form to [LGCAP@gov.bc.ca](mailto:LGCAP@gov.bc.ca).

I, the Chief Financial Officer, or equivalent position, of \_\_\_\_\_ (name of local government) confirm the following:

1. That Local Government Climate Action Program funding has been, or will be, allocated to climate action.
2. That if funds are held in reserve, they will be spent by the end of March 2025.
3. That a completed and signed version of this form will be submitted by email to the Climate Action Secretariat, Ministry of Environment and Climate Change Strategy by July 29, 2022.
  - a. If council approval is required, it will be submitted no later than September 30, 2022.
4. That a completed and signed version of this form will be publicly posted by September 30, 2022.
5. That a completed and exported version of the program survey (submitted online) will be publicly posted by September 30, 2022.

Attested to by me at (name of local government) \_\_\_\_\_  
on (date) \_\_\_\_\_ 20\_\_\_\_\_

Signature of Attestor:

\_\_\_\_\_

Printed Name of Attestor:

\_\_\_\_\_

Title or Profession of Attestor (i.e. Chief Financial Officer or equivalent position):

\_\_\_\_\_

Telephone Number of Attestor:

\_\_\_\_\_

Email Address of Attestor:

\_\_\_\_\_

**Ministry of Environment and  
Climate Change Strategy**

Climate Partnerships and  
Engagement Branch  
  
Climate Action Secretariat

Mailing Address:  
PO Box 9486  
Stn Prov Govt  
Victoria BC V8W 9W6

Email: [env.mail@gov.bc.ca](mailto:env.mail@gov.bc.ca)

Website:

[http://www2.gov.bc.ca/gov/content/  
environment/climate-change](http://www2.gov.bc.ca/gov/content/environment/climate-change)