



## Local Government Climate Action Program Survey Submission Report

### Uchucklesaht Tribe

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Question	Answer
1. Does your local government or Modern Treaty Nation have a climate action plan or strategy?	No, Uchucklesaht Tribe Government does not have a climate action plan. We intend to integrate climate action planning into other pieces of legislation, including our OCP.
2. For the calendar year 2021, did your local government or Modern Treaty Nation measure and publicly disclose corporate greenhouse gas (GHG) emissions?	No, corporate GHG emissions are measured, but not made public
3. For calendar year 2021, did your local government or Modern Treaty Nation measure and publicly disclose a community-wide emissions inventory?	UTG has complete an inventory of GHG emissions in our Community Energy and Emissions Plan. That document received positive feedback from our Executive and community and will be formally adopted and posted in the coming months.
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).	50% reduction in energy and emissions by 2030, with a target of becoming carbon neutral by 2050.
4.b. Please provide the target year.	50% reduction by 2030, carbon neutral by 2050.

4.c. Please provide the baseline year.	2020.
4.d. Please provide the link(s) to the document(s) or website if available.	The Community Energy and Emissions Plan will become publicly available in the coming months on UTG's website: <a href="https://www.uchucklesaht.ca/">https://www.uchucklesaht.ca/</a>
5. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Buildings	<p>CEEP Appendix - Green Building Guideline</p> <p>Low Carbon Buildings</p> <ul style="list-style-type: none"> <li>- Design buildings to meet the requirements of the BC Energy Step Code, as follows: For single family homes, townhouses, and other small residential projects, minimum of Step 4; Step 5 by 2025; For larger, complex residential or mixed use projects, minimum of Step 3; Step 4 by 2025</li> <li>- Explore the use of mass timber construction for mid-rise buildings</li> <li>- Design low carbon “all electric” buildings, with space heating, cooling and domestic hot water provided by electric heat pumps or other low carbon systems</li> <li>- Explore the pursuit of Passive House certification</li> </ul> <p>Renewable Energy</p> <ul style="list-style-type: none"> <li>- Install rooftop solar photovoltaic energy systems</li> <li>- Design buildings to be ‘solar ready’</li> <li>- Install on-site geothermal (or ground source heat pump) systems</li> </ul> <p>Low Carbon Mobility</p> <p>Provide on-site Electric Vehicle charging at the following rates:</p> <ul style="list-style-type: none"> <li>- One on-site parking space per new single-family, duplex, or townhouse unit should feature an energized outlet capable of providing Level 2 charging (e.g., 240 volt charging) or higher to the stall.</li> <li>- 100% of residential parking stalls in all new multifamily residential buildings should feature an energized outlet capable of providing Level 2 charging (e.g., 240 volt charging) or higher to the stall. None required for visitor parking.</li> </ul> <p>Provide on-site bike parking in multi-unit buildings at the following rates</p> <ul style="list-style-type: none"> <li>- Provide a minimum of four short-term/visitor bicycle parking stalls per building. Short-term bike parking should be covered from the elements and close to building entrances</li> <li>- Provide one long-term bicycle storage space per residential unit. Long-term bike parking should be secured (e.g., in underground parking garage)</li> </ul>

<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>CEEP: Low Carbon Mobility to and from Ehtlathese</p> <p>Support the upgrade of the road to Ehtlathese to realize Treaty goals as well as energy and emissions reduction goals. Upgrading the road to Ehtlathese is understood to be a priority for UTG in order to realize Treaty goal. Such an upgrade is supported by the CEEP, as it would also support energy and emissions reduction in the community. This is shown in the simplified analysis below, looking at trips between Port Alberni and Ehtlathese using various viable travel modes.</p> <ul style="list-style-type: none"> <li>- Current fuel consumption associated with marine trips to and from the Village is 9,200 litres per year;</li> <li>- Increasing the frequency of marine trips to daily will increase fuel use to 68,000 litres per year; and</li> <li>- Moving from marine transport to electric marine or road transport (assuming daily trips) will reduce costs and GHG emissions by 90% for electric marine or 80% (for on road).</li> </ul> <p>Key directions to reduce GHG production associated with transportation include electrifying UTG’s vehicle fleet and actively working to upgrade the road to the village to reduce emissions associated with marine transportation.</p> <p>2022 Active Transportation Plan</p> <p>UTG’s funding application to Infrastructure Canada to develop an Active Transportation Plan was successful. Planning work will commence in August 2022 and outcomes will include plans for low carbon mobility throughout UTG’s main village, Ehtlathese.</p>
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<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>CEEP – Low Carbon Waste Management</p> <p>Uchucklesaht’s main village, Ehtlathese, is accessed by boat, plane, or by a high elevation forestry road that is seasonally closed due to high snowfall. Waste and recycling is currently driven by boat or vehicle from Ehtlathese to the regional landfill in Port Alberni. There are several opportunities for reducing energy and emissions associated with transporting waste in UTG, and that would also have positive benefits from an environmental impact perspective and lowering GHGs. These include:</p> <ul style="list-style-type: none"> <li>- Developing an aerobic digestion system for the Village to reduce the amount of waste leaving the village. (UTG is working with the ACRD to be included in phase 3 of their regional composting program).</li> <li>- Developing a Zero Waste Plan and Circular Economy Strategy that would identify opportunities for reducing waste and reusing materials associated with UTG assets. (UTG is currently developing an Economic Development Plan that is implementing the concept of a circular economy included in the UTG CEEP).</li> </ul> <p>T’sa’aqo’a Power Project &amp; Microgrid</p> <p>UTG is actively working to transition Ehtlathese, a non-integrated community run by diesel generators, to alternative energy sources. UTG is developing designs, environmental impacts, and engineering for a hydroelectric project and is assessing the feasibility of a ground mount and solar pv mounted system to supplement hydroelectricity. All buildings recently constructed in Ehtlathese are solar ready, including 14 new homes and our Wellness Centre.</p> <p>Solar and Storage</p> <p>UTG has worked with BC Hydro to install a pilot roof mounted solar pv array and Tesla Powerwall battery. Data from this development will be used to determine feasibility on neighbouring houses in Ehtlathese.</p>
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<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>Community Wildfire Resiliency Plan, 2021</p> <p>In 2021, UTG developed a community wildfire resilience plan to improve safety and reduce risk of property damage from wildfires, exacerbated by climate change. The community has implemented recommendations from this plan, including landscape buffering and FireSmart education. The plan includes numerous recommendations for legislative and policy changes that are under consideration.</p> <p>Coastal Vulnerability Study, 2019</p> <p>In 2019, UTG engaged a firm to develop a Coastal Vulnerability study that included modeling and mitigation options for two scenarios with a 0.71m predicted sea level rise due to climate change. UTG has engaged the consultant to complete additional scenarios using updated bathymetry, wind speed, and topographic survey information. Mitigation options provided as deliverables will be used to inform new OCP Development Permit Areas in Ehtlathese. Modeling was used to design a protective berm along the waterfront in Ehtlathese.</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>The Village (V) Land Use Designation on page 35 of UTG's OCP includes the following objective: "Ensure that Villages will be developed as complete communities with a mix of residential, community, commercial, business, and recreational uses". The policies related to this Village designation include developing a Village Plan for each village site. In 2020, UTG developed the Ehtlathese Village Plan which outlines specific policies for a complete and compact community. Specifically, the plan includes policies to ensure that development concentrates the greatest densities of residential activity near the focal area of the community and that a range of housing options are provided.</p> <p>UTG is also in the process of reviewing the OCP to align with the Community Energy and Emissions Plan and to ensure Ehtlathese develops holistically. Updated key directions include: communal amenities in Ehtlathese's core, support for home-based economic activities, greater food security in the village, construction of attainable housing, providing accessible walking pathways throughout the village, providing communal transportation options within the village, and others.</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>Since 2020, UTG has developed the Ehtlathese Village Plan with is specifically focused on guiding the development of a complete and compact community. In 2019, all housing in Ehtlathese was assessed and deemed unfit for habitation. It was removed, providing an opportunity to take a “master planning” approach to new community development. This has resulted the creation of compact and efficient housing forms, (DSM initiatives have occurred with assistance from BC Hydro and funding from CleanBC), with options to increase community accessibility and build on localized economic development opportunities. UTG is currently developing a Wellness Centre to invite Indigenous folks to Ehtlathese as part of their healing journey and to provide viable jobs for village residents. UTG has also been included in the Connected Coast program, making remote working a possibility. UTG’s Community Energy and Emissions Plan has informed community completeness in numerous ways, including developing solar ready residential and commercial buildings, working with partners on waste handling and composting projects, and assessing transition from diesel to alternative energy sources.</p> <p>UTG is currently engaged in developing four related planning activities that are critical to guide complete and compact communities; these include: an updated OCP, updated Zoning Act, Active Transportation Plan, and Economic Development Plan.</p>
<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?</p>	<p>Assessment criteria for measuring the completeness and compactness of our communities as well as a checklist to determine what has been thought of or should be implemented would be helpful. Given those tools, UTG can collect and evaluate the applicable data and recommend actions to our decision makers - our Legislative Council, Executive Council, and People's Assembly.</p>
<p>12. From 2021 to now, has your local government or Modern Treaty Nation taken any action(s) to address climate impacts?</p>	<p>UTG has taken the following actions to address climate impacts:</p> <ul style="list-style-type: none"> <li>- Developed a Community Energy and Emissions plan to guide the community towards greater climate-related action in the following sectors: renewable energy generation; low carbon, high performance buildings; low carbon mobility; and low carbon waste management.</li> <li>- Is actively engaged in research and development to transition our community from diesel generators to a microgrid or hydroelectric project. Running the diesel generators constitutes the greatest negative environmental impact of all UTG activities and transitioning from diesel generators is on of our governments highest priorities.</li> <li>- UTG has been actively working with forestry partners and the province to make the forestry road from Port Alberni to Ehtlathese passable. Reducing the frequency of marine transportation trips and utilizing vehicles is much less consumptive.</li> <li>- UTG has developed a 40 box community garden for greater food sovereignty, security, and to localize our food sources.</li> </ul>

13. Has a climate risk and vulnerability assessment (or similar assessment) been undertaken for your local government or Modern Treaty Nation?	No, and we are not intending to undertake due to lack of financial capacity
14. What are the three most significant climate hazards faced by your jurisdiction	"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)", "Wildfire", "Wind, rain, and other storm events", "Coastal flooding, storm surge events and/or other coastal hazards", "Overland flooding", "Extreme heat and heat stress", "Extreme cold, snow and ice", "Water shortage"
15. Are you responding to this survey on behalf of a Modern Treaty Nation?	Yes
16. Based on the hazard you indicated as most significant in question 14, as a Modern Treaty Nation, which groups are most exposed/vulnerable to the impacts of that climate hazard?	"Low-income households", "People experiencing homelessness", "Seniors", "Women and girls"
17. Based on the hazard you indicated as second most significant in question 14, as a Modern Treaty Nation, which groups are most exposed/vulnerable to the impacts of that climate hazard?	"Low-income households", "People experiencing homelessness", "Seniors", "Women and girls"
18. Based on the hazard you indicated as third most significant in question 14, as a Modern Treaty Nation, which groups are most exposed/vulnerable to the impacts of that climate hazard?	"Low-income households", "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", "More partnerships and collaboration across levels of government", "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 designing and implementing climate actions that target the barriers to access and resilience faced by the 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 align climate action plan(s) and priorities with the federal 2030 Emissions Reduction Plan", "Yes, we align climate action plan(s) and priorities with the provincial CleanBC Roadmap to 2030"
22. Is your local government a signatory to the B.C. Climate Action Charter or a Modern Treaty Nation?	No
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.	Sarah Holden
25. Please indicate your (or survey primary contact's) position with your local government or Modern Treaty Nation.	Planner, Community Energy Coordinator
26. Please provide your (or survey primary contact's) business email address.	sarah.holden@uchucklesaht.ca



## 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**

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