

Climate Action Charter

The District of Lake Country was one of the 187 local governments, along with the Province of BC and the Union of BC Municipalities (UBCM) that signed the Climate Action Charter (CAC) tackling the challenges posed by climate change, and pledging to take action to significantly cut both corporate and community-wide greenhouse gas emissions; measure and report on the community greenhouse gas emission profile; and work to create compact, more energy efficient communities.

Carbon neutrality is based on “traditional services” which include administration and governance; drinking, storm and waste water; solid waste collection, transportation and diversion; road and traffic operations; arts, recreation and cultural services and fire protection. Emissions related to new construction, business travel, employee commuting and the external production of goods used for the services are not included. As a general guideline for measuring emissions, if the District pays for the service the District must account for the emissions related to that service.

Communities that have signed onto the CAC and thereby agree to publicly report on their climate action progress are eligible for the Climate Action Revenue Incentive Program (CARIP) grant. The following report meets the CARIP requirements to publicly report on climate actions undertaken by the District in 2018 and outlines our intended actions for 2019.



Corporate Measure

The District has updated its Corporate Carbon Neutral Action Plan which calculates the energy that is used corporately by the District and which provides for the conversion to calculate the GHG emissions produced. The final output for 2018 in GHG Emissions was 1549 tCO₂e.

Community-Wide Measure

In addition to using the Community Energy and Emissions Inventory (CEEI) to measure progress, a Community Energy & Emissions Plan was prepared in 2012 by the District of Lake Country in consultation with BC Hydro and the Community Energy Association.



Climate Action Charter

The District's Official Community Plan (OCP), which was adopted in August 2010 and updated in 2018, outlines the following policies and actions to reach the goals of achieving carbon neutrality in municipal operations as per the CAC; and reducing community wide greenhouse gas emissions by 33% below 2007 levels by 2020, and by 80% by the year 2050 as per the *Local Government Act* (LGA):

- Inventory operational greenhouse gas emissions.
- Adopt a municipal sustainable purchasing policy.
- Reduce or offset operational greenhouse gas emissions.
- Identify opportunities for alternative energy creation.
- Further develop and implement the greenhouse gas emissions reduction strategy.
- Implement a greenhouse gas emissions strategy to reduce community wide emissions.
- Complete an air quality assessment and inventory.
- Participate in the Regional Air Quality Management Program.
- Investigate the feasibility of requiring major new District buildings to achieve a Leadership in Energy and Environmental Design (LEED) or equivalent green building standard.



Corporate Actions 2018

- Continued compliance to the Carbon Neutral Action Plan as adopted in 2011 and updated annually.
- Continued issuance of Development Permits for Greenhouse Gas Reduction and Energy Conservation, as well as, Environmental protection.
- Continued funding will be used from the Climate Action Reserve Fund where required and appropriate.
- Continued research and analysis for green options for corporate building upgrades where applicable.
- Continue to ensure energy efficiency considered on all renewal and new construction projects.
- Continued operation and maintenance of existing hydroelectric generation plan.
- Continued maintenance of existing parks. Continued tree planting.
- Continued discussion with province regarding acquisition of Pelme wash Parkway as an active transportation corridor and greenspace.
- Okanagan Rail Trail acquired and plans to use as multi-modal transportation and greenspace underway.
- 5% parkland dedication as part of subdivisions (legislated).
- Continued adherence to landscape guidelines for Development Permits. *Continue tree replacement program.*Continue planting drought tolerant plants as part of park development.
- New Parks and Recreation Master Plan.
- Solid Waste in partnership with the Regional District of the Central Okanagan.
- Continued fleet replacement including adding electric hybrids to the fleet, where appropriate.
- Continued work towards Transportation for Tomorrow Plan - road renewal and construction of active transportation networks.
- Anti-idling policy
- New Waste Water Treatment Plan completed includes:- Switch in fuel source from propane to natural gas-Heat reclamation system from sewage used to heat buildings.-Construction of more efficient operations building. Currently using trailers.-Use of high efficiency technology for infrastructure to treat sewage (i.e. high efficiency bioreactors).
- Continued liquid waste management plan.
- Continued adherence to the Water Master Plan (WMP) adopted 2013.
- Continued watering restrictions enforced.

Climate Action Charter

Community Wide Actions 2018

- Continued implementation of Integrated Community Sustainability Plan and of the Community Energy and Emissions Plan.
- Continued progress towards meeting Official Community Plan targets and continued issuance of Development Permits.
- Continued issuance of Greenhouse Gas Reduction and Energy Conservation Development Permits.
- Continued implementation of "Transportation for Tomorrow".
- Continued funding will be used from the Climate Action Reserve Fund where required and appropriate. Opportunities for grant funding will be pursued where found to exist for any particular project.
- Continued growth management through the Official Community Plan.
- Continued issuance of Development Permits.
- Continued support for utility Energy Demand Management programs.
- Continued staff teamwork towards goals.
- The District will continue to seek grant funding opportunities on a case by case basis.
- Continued requirement for new developments through the Subdivision and Development Servicing Bylaw to have LED lighting standards.
- Continued maintenance of existing hydroelectric generation plant.
- Continued communication regarding the project and the community benefits.
- Continued maintenance of existing parks. Continued tree planting.
- Continued work in securing Pelmeash Parkway as greenspace and active transportation corridor.
- Okanagan Rail Trail acquired and plans to use as multi-modal transportation underway.
- 5% parkland dedication as part of subdivisions (legislated).
- Continued adherence to landscape guidelines for Development Permits. *Continue tree replacement program.*Continue planting drought tolerant plants as part of park development.
- New Parks and Recreation Master Plan in progress.
- Solid Waste in partnership with the Regional District of the Central Okanagan.
- Continued work towards Transportation for Tomorrow Plan - road renewal and construction of active transportation networks.
- Anti-idling policy
- New Waste Water Treatment Plan completed includes:- Switch in fuel source from propane to natural gas-Heat reclamation system from sewage used to heat buildings.-Construction of more efficient operations building. Currently using trailers.-Use of high efficiency technology for infrastructure to treat sewage (i.e. high efficiency bioreactors).
- Continued liquid waste management plan.
- Continued adherence to the Water Master Plan (WMP) adopted 2013.
- Continued watering restrictions enforced.



LAKE COUNTRY

Climate Action Charter

2019 Proposed Corporate and Community Wide Actions

- Continued implementation of Integrated Community Sustainability Plan and of the Community Energy and Emissions Plan.
- Continued progress towards meeting Official Community Plan targets and continued issuance of Development Permits.
- Continued issuance of Development Permits for Greenhouse Gas Reduction and Resource Conservation, as well as, environmental protection.
- Continued implementation of "Transportation for Tomorrow".
- Continued funding will be used from the Climate Action Reserve Fund where required and appropriate. Opportunities for grant funding will be pursued where found to exist for any particular project.
- Continued compliance to the Carbon Neutral Action Plan as adopted in 2011 and updated annually.
- Continued funding will be used from the Climate Action Reserve Fund where required and appropriate.
- Continued growth management through the Official Community Plan (New OCP to be adopted in 2019)
- Continued issuance of Development Permits.
- Continued support for utility Energy Demand Management programs.
- Continued staff teamwork towards goals.
- The District will continue to seek grant funding opportunities on a case by case basis.
- Continued requirement for new developments through the Subdivision and Development Servicing Bylaw to have LED lighting standards.
- Continued research and analysis for green options for corporate building upgrades where applicable.
- Continue to ensure energy efficiency considered on all renewal and new construction projects.
- Continued maintenance of existing hydroelectric generation plant.
- Continued communication regarding the project and the community benefits.
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