



2020 Carbon Neutral Action Report

BC Oil and Gas Commission



ABOUT THE BC OIL AND GAS COMMISSION

The BC Oil and Gas Commission (Commission) is the provincial regulatory agency with responsibilities for regulating oil and gas activities in British Columbia, including exploration, development, pipeline transportation and reclamation.

The Commission's core services include reviewing and assessing applications for industry activity, consulting with First Nations, cooperating with partner agencies, and ensuring industry complies with provincial legislation and all regulatory requirements.

The public interest is protected by ensuring public safety, respecting those affected by oil and gas activities, conserving the environment, and ensuring equitable participation in production.



Vision

Safe and responsible energy resource development for British Columbia.

Mission

We provide British Columbia with regulatory excellence in responsible energy resource development by:

- Protecting public safety
- Safeguarding the environment
- Respecting those who are affected

Values

Transparency is our commitment to be open and provide clear information on decisions, operations and actions.

Innovation is our commitment to learn, adapt, act and grow.

Integrity is our commitment to the principles of fairness, trust and accountability.

Respect is our commitment to listen, accept and value diverse perspectives.

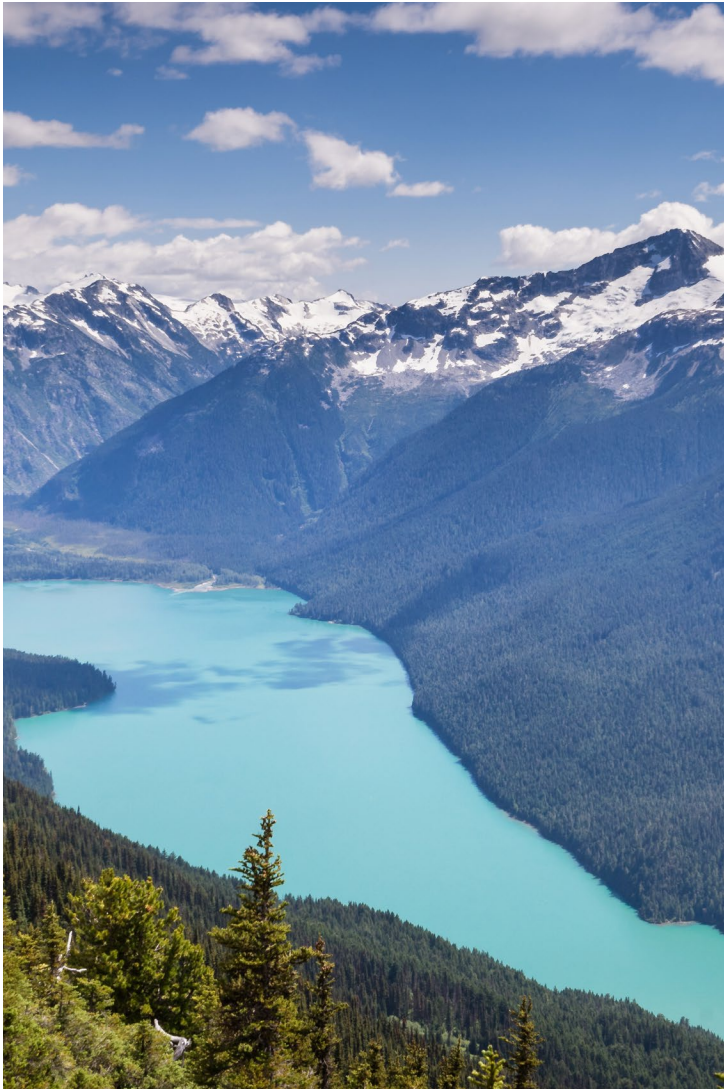
Responsiveness is our commitment to listening and timely and meaningful action.

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IMPACT OF COVID-19 ON CARBON EMISSIONS



The Commission, like all individuals and organizations, faced the challenges presented by the COVID-19 pandemic during 2020/21.

Leveraging existing and new technology solutions, the Commission quickly shifted its workforce to 'work from home' and adjusted field operations to ensure safety and social distancing.

The changes made to our operations during the pandemic, particularly working from home and eliminating work-related travel, had a significant impact on our carbon emissions reductions in 2020, compared to previous years.

Going forward, the organization is committed to leveraging improvements and learnings from this experience, to make lasting reductions to carbon emissions.

TOP THREE ACTIONS TAKEN TOWARDS CARBON NEUTRALITY IN 2020

1. Replaced seven vehicles with more fuel-efficient units in 2020. Largely due to reduced activity from the pandemic, overall vehicle fleet fuel consumption was reduced by 20.6 per cent from the previous year.
 - Five units went from an average of 18.8 L/100km down to 17.4 L/100km (7.4 per cent decrease)
 - One unit went from an average of 12 L/100km down to 10 L/100km (16.7 per cent decrease)
 - One unit went from an average of 13.4 L/100km down to 10 L/100km (25.4 per cent decrease)
2. Eighty-five per cent of the work force worked primarily from home, allowing electricity consumption to be reduced at four Commission office locations, with reductions ranging from 6 - 42 per cent.
3. New information technology solutions were implemented (e.g. Office 365, Webex, etc.) allowing the majority of meetings to be held online. This reduced printing by 78 per cent and reduced travel between offices.

FUTURE PLANS FOR EMISSIONS REDUCTION

- Most staff will continue to work from home at least part of the time, which may allow the Commission to gradually change office space requirements and reduce related Greenhouse Gas (GHG) emissions.
- Plan to continue replacing vehicles with more fuel-efficient units as the fleet gets refreshed.
- Continue to utilize the FOB Authentication, Printer Defaults and RightFax system to reduce paper usage and associated GHGs.
- Review procurement policies and explore the integration of Environmental, Social, and Governance (ESG) principles into procurement considerations for certain programs.



ACTIONS TAKEN DURING 2020

These actions are to strengthen the ability to manage the likely effects of climate change in the coming years and decades.

With respect to Commission operations, possible effects from climate change are considered under applicable risks in the organization's corporate risk register. Mitigation measures that prepare and strengthen the organization's ability to manage climate change effects in the future include:

- A business continuity management program providing the ability to respond to a business disruption caused by extreme weather event.
- An employee safety program.
- Strong collaboration with Emergency Management BC.
- Collaboration with other agencies on cumulative environmental effects, coupled with strong GIS capabilities for mapping and monitoring effects on the land.
- Collaboration with universities and other research institutions (e.g. the Oil and Gas Research and Innovation Society) to better understand and analyze possible short and long term effects of climate change.

With respect to industry operations, the Commission requires or encourages permit holders to develop and deliver on:

- Adaptation measures (e.g. emergency response preparedness for extreme weather, forest fires, drought and water use and availability monitoring, and landslides changing seasonality of operations, worker safety, etc.).
- Emissions reduction measures: the regulatory framework requires industry to meet specific emissions reduction targets.

EMISSIONS AND OFFSET SUMMARY TABLE:

BC OIL AND GAS COMMISSION 2020 GHG EMISSIONS AND OFFSETS	
GHG Emissions created in the Calendar Year 2020	
Total Emissions (tCO ₂ e)	346
Total BioCO ₂	7.26
Total Offsets (tCO ₂ e)	339
Offset Investment (\$25 per tCO ₂ e)	\$7,900

Figure 1: 2020 BCOGC GHG Emission and Offsets Table

RETIREMENT OF OFFSETS

In accordance with the requirements of the Climate Change Accountability Act and Carbon Neutral Government Regulation, the BC Oil and Gas Commission is responsible for arranging for the retirement of the offsets obligation reported above for the 2020 calendar year, together with any adjustments reported for past calendar years (if applicable).

The Commission hereby agrees, in exchange for the Ministry of Environment and Climate Change Strategy (the Ministry) ensuring these offsets are retired on the Commission's behalf, and will pay the associated invoice to be issued by the Ministry in an amount equal to \$25 per tonne of offsets retired on its behalf plus GST.



CONTACT

This is the 12th Carbon Neutral Action Report or Small Emitters Form prepared and submitted by the BC Oil and Gas Commission.

It is prepared in accordance with the Greenhouse Gas Reduction Targets Act adopted in November 2007 by the Ministry of Environment, the Climate Change Strategy's Climate Action Secretariat and in compliance with B.C.'s Carbon Neutral Government program, legislated under the Climate Change Accountability Act (CCAA).

This submission is updated annually with new information and statistics. A current copy is available on the Commission website at www.bcogc.ca.

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EXECUTIVE SIGN-OFF



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