

Climate Leader Reader

Supporting B.C.'s Public Sector in Leading by Example



March 2023

Message from Chris Koski

Hello! I'm Chris Koski, returning Director of the Clean Government team. I have just come back from an exciting year of exploring Canada and the US with my family and am happy to report that it is possible to go from coast to coast and back in a battery electric vehicle!






I would like to thank everyone across B.C.'s 130 Public Sector Organizations (PSOs) involved in the annual Carbon Neutral Government (CNG) reporting cycle. Your work is critical to the success of this longstanding commitment of the Province to be carbon neutral – the first jurisdiction in North America to claim this accomplishment.

[CleanBC](#) established bold targets for ongoing public sector climate leadership. The insights you share with us through the symposiums, reports and surveys inform policies, program enhancements and funding requests we put forward to make meaningful progress on the CleanBC objectives (see sidebar).

On behalf of the Clean Government team, I want to recognize you for the work you do. We are always interested in hearing from you about opportunities to improve the reporting process or make further progress on public sector climate leadership. Please feel free to reach out to us anytime at carbon.neutral@gov.bc.ca.

With gratitude, Chris

2023 Emission Factor Changes in CGRT

	 Fleet Emission Factors	 Global Warming Potentials	 Electricity Emission Factors
Factors affected in CGRT	Gasoline Light duty vehicles & trucks	All factors	Grid-connected Electricity
Expected impact on emissions	Slight decrease	Slight decrease overall	Integrated grid – slight increase Fort Nelson grid – slight decrease
Historical emissions affected?	Yes, 2016-2022	Not this year	Not affected

For more details, see the Files tab in the [Clean Government Reporting Tool \(CGRT\)](#).

CleanBC Government Leadership Objectives:

- 40% reduction of fleet emissions by 2030
- 100% of light-duty vehicle acquisitions to be ZEVs by 2027
- 50% reduction of building emissions by 2030
- New buildings align with performance standards (2023) and are zero-carbon (2027)
- A strategy to transform existing buildings portfolio to be low carbon and resilient

Carbon Neutral Government Program 2022 Reporting Year Key Dates:

April 28, 2023:

- 2022 consumption data due: in [CGRT](#).
- Self-Certification Checklist due: in [CGRT](#).

May 31, 2023:

- 2022 PSO CCAR due: email to Carbon.Neutral@gov.bc.ca.
- [2022 Public Sector Climate Leadership Survey](#) due.

June 30, 2023:

- Offset invoice payments due.

What We Heard: 2022 Public Sector Leadership Symposium

The 2022 Public Sector Leadership Symposium was held virtually in December with over 200 PSO representatives. Participants heard key updates on the CNG program, learned from other PSOs, and participated in engagement sessions on upcoming climate action policies. Attendees provided the following valuable feedback:

Challenges & Barriers

PSOs face challenges and barriers meeting CleanBC objectives. These include access to capital and funding opportunities, supply chain issues, direction of leadership, and competing priorities. PSOs also raised concern with the lack of capacity and expertise to develop and implement climate action projects.

Initiatives & Learning Opportunities

PSOs would like more information regarding funding, program initiatives, and additional opportunities to learn from other organizations. PSOs want to learn more about the Environmental, Social and Governance Framework for Capital (ESGFC) and how it applies to their work.

Program Updates

PSOs would like to better understand the rationale for the emission factor changes and the Climate Resilience Framework and Standards for Public Sector Buildings, including accountability measures, report back requirements, and how standards could be incorporated into the work on existing public sector buildings.

CAS has already taken first steps in responding to your feedback, such as briefing PSOs on the ESGFC in February and sharing the PSO success story below. We appreciate your feedback, and will continue to look for ways to integrate it further. Thank you for your continued dedication to climate action and work to achieve CleanBC targets.



Embedding an Emissions Reduction Specialist for Success: Justin Blanchfield, Island Health (IH)

Justin Blanchfield is a Mechanical Engineer who specializes in energy efficiency and building performance optimization. In 2021, Justin developed and launched an internal Continuous Optimization pilot program in partnership with BC Hydro and Fortis BC that focused on low-cost building automation upgrades. Island Health's Director of Energy, Environment and Climate Change, Pierre Iachetti, applauded the progress saying, "Justin's work exceeded everyone's expectations. Currently, this program is projected to reduce 30% of our GHG emissions with a 2 to 3-year simple payback on our investment."

Justin attributes this internal model of embedding an engineer within the organization as the key reason for the program's success. This model allows for iteration, continuous monitoring, improved engagement, partnership building, and the ability to leverage advanced technology like fault detection and automated analytics software. "British Columbia is a North American leader in this space," Justin reflected. "Yet, the traditional model has been the same for 15 years. It's time to evolve by scaling this internal model across the province."

OPPORTUNITY FOR FEEDBACK: 2022 Public Sector Climate Leadership Symposium

Did you attend the 2022 annual Public Sector Climate Leadership Symposium in December? The Clean Government team would appreciate your feedback to help improve future symposiums. To provide your feedback click [here](#).

Public Sector Fleet Community of Practice

Send an email to Carbon.Neutral@gov.bc.ca to join the Public Sector Fleet Community of Practice and support information sharing on ZEV projects, charging infrastructure, incentives and more across the public sector. Meetings are held quarterly.

Climate Risk and Resilience Community of Practice

The Climate Risk and Resilience Community of Practice will continue to meet throughout Spring 2023. If you are interested in joining, please send an email to climaterisk@gov.bc.ca.