

2020 PSO Climate Change Accountability Report

Organization: BCEHS

Declaration statement: This Climate Change Accountability Report for the period January 1, 2020 to December 31, 2020 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2020 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2021 and beyond.

By June 30, 2021 BCEHS' final 2020 Climate Change Accountability Report will be posted to our website at www.bcehs.ca

PHSA Environmental Sustainability Policy

PHSA will act as a leader with respect to environmental stewardship while engaging the healthcare community in a collaborative approach towards sustainability. This will occur through sustainable operations, sustainable facilities and sustainable partnerships

2020 Actions taken to reduce GHG Emissions

Mobile Fleet

- BCEHS currently operates 10 ambulances equipped with after-market hybrid electric systems
- 59 new Crestline Coach Ambulances received in fiscal 2020/2021 are equipped with ACETECH's ECO-run module for idle-management which effectively turns off the engine whenever possible.
- BCEHS has purchased 26 Hybrid Electric vehicles which will be used for both First Responders and supervisors. These vehicles are currently in the process of being upfitted and will be available for use in calendar 2021

Facilities

Continue to monitor energy performance at BCEHS facilities and plan for investigation activities to help identify opportunities for reducing energy use and carbon emissions.

Paper Usage

- BCEHS continues to purchase only 100% recycled paper for office use
- Fleet Operations has reduced its reliance of photocopying by using electronic means the 13 000 + invoices it process every year

Plans to continue reducing emissions in 2021 and beyond

Facilities:

Building engagement strategy with Facilities Maintenance and Operations to identify energy savings and emission reduction opportunities and optimize existing equipment.

The energy team continues to promote energy conservation and GHG emissions reduction through awareness and behaviour change campaigns and programs.

Looking for opportunities to participate in BC Hydro's Continuous Optimization Program.

Developing and implementing guidelines and processes to embed energy management into standard operations.

Looking for energy and emissions saving innovations and opportunities for their testing and demonstration at our sites.

Fleet:

In 2021, BCEHS will continue engaging Canadian ambulance manufacturers on lower or no emissions ambulance platforms. Work will continue when BCEHS is able to review early mock-ups and prototypes from these ambulance manufacturers.

As other hybrid and low-emission technology becomes available at a commercial level, BCEHS will continue to assess these options.

BCEHS is currently engaged in the review and justification of electric vehicles and plugin Hybrid Electric vehicles for the part of the fleet that supports the main ambulance service. This includes consideration for the infrastructure required as well as estimating reductions in GHG with these proposals

BCEHS is considering leveraging some CNCP funds for this exercise.

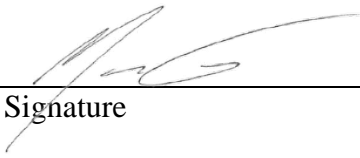
Emissions and Offset Summary Table:

BCEHS 2020 GHG Emissions and Offsets	
GHG Emissions created in Calendar Year 2020	
Total Emissions (tCO ₂ e)	15,175
Total BioCO ₂	435
Total Offsets (tCO ₂ e)	14,739
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	307
Grand Total Offsets for the 2020 Reporting Year	
Grand Total Offsets (tCO ₂ e) to be Retired for 2020 Reporting Year	15,046
Offset Investment (\$25 per tCO ₂ e)	\$376,150

Retirement of Offsets:

In accordance with the requirements of the Climate Change Accountability Act and Carbon Neutral Government Regulation, BCEHS (the Organization) 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 Organization hereby agrees that, in exchange for the Ministry of Environment and Climate Change Strategy (the Ministry) ensuring that these offsets are retired on the Organization's behalf, the Organization will pay within 30 days, 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.

Executive sign-off:

	May 27, 2021
Signature	Date
Manraj Chohan	Executive Director, BCEHS
Name (please print)	Title

Please scan and email the completed form to Carbon.Neutral@gov.bc.ca