

ST MICHAELS CENTRE HOSPITAL SOCIETY

2022 PSO CLIMATE CHANGE ACCOUNTABILITY REPORT

Title: 2022 PSO Climate Change Accountability Report

Organization: *St Michaels Centre Hospital Society*

PART 1. Legislative Reporting Requirements

[Information provided in this section will complete PSOs' legislative reporting requirements under the [Climate Change Accountability Act \(section 8.1\)](#) and the [Carbon Neutral Government \(CNG\) Regulation](#).

Part 1 must be completed in full by all PSOs, including Small Emitters.]

Declaration statement: This PSO Climate Change Accountability Report for the period January 1, 2022 to December 31, 2022 summarizes our greenhouse gas (GHG) emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2022 to minimize our GHG emissions, and our plans to continue reducing emissions in 2023 and beyond.

Emission Reductions: Actions & Plans

*[Please describe the **actions** taken by your organization in the 2022 calendar year to minimize emissions and your **plans** to continue reducing emissions in future years. Refer to the guiding questions below, as applicable, for each emissions source category.]*

A. Stationary Sources (e.g. buildings, power generation)

*[Please describe actions taken by your organization in 2022 to minimize emission reductions from **stationary sources** and plans to continue reducing those emissions in 2023 and beyond.]*

Consider the following guiding questions:

- 1) Does your organization have a strategy to reduce emissions from stationary sources?*
- 2) Whether you have a strategy or not, briefly describe your organization's plans to continue reducing emissions from stationary sources?*
- 3) How are building retrofits (minor, major, deep)¹ considered in your organization's plans to reduce emissions?]*

Electricity accounts for 33% of our building's energy usage, and we plan on conducting a lighting inventory and lighting retrofit in the near future via a BC Hydro Power Alliance lighting engineer in order to replace existing fluorescent and incandescent lighting with LED lighting. This will not only reduce the electricity required to power our lighting, it will also serve to help cool the building in summer months by removing almost all waste energy that is converted to heat through inefficient lighting (up to 90% of incandescent lighting energy).

¹ [Retrofitting \(nrcan.gc.ca\)](https://nrcan.gc.ca)

B. Mobile Sources (e.g. fleet vehicles, off-road/portable equipment)

[Please describe actions taken by your organization in 2022 to support emission reductions from mobile sources and plans to continue reducing those emissions in 2023 and beyond.]

Consider the following guiding questions:

- 1) *Did your organization acquire any zero emission vehicles or equipment in 2022?*
- 2) *Did your organization develop and/or implement any strategies to reduce fuel consumption or transition to a low-carbon fuel in 2022?*
- 3) *Please briefly describe any other related actions taken in 2022 (e.g. charging station feasibility studies, electrical panel upgrades, etc.)*
- 4) *Does your organization have any strategies to reduce emissions from air transportation, marine transportation, or off-road emission sources, as applicable?*

At least half of all meetings are conducted virtually at St Michaels, offsetting the carbon emissions from road travel. Our sole vehicle, a bus to transport residents for outings is taking fewer trips than pre-pandemic years, in part to reduce the risk of exposure for residents. This bus is serviced regularly twice/year to ensure it is running in the most environmentally efficient manner.

Clean Fleet Plan: *If your organization has a Clean Fleet Plan, please provide a high-level summary and indicate if you have provided (or intend to provide) a copy of it to the Clean Government team at CAS, through your 2022 PSCL Survey or otherwise.*

A Clean Fleet Plan is an actionable, multi-year plan that outlines how organizations will transition their light duty vehicle fleets to cleaner options and align charging and refueling infrastructure deployment.]

C. Paper Consumption

[Please describe actions taken by your organization in 2022 to support emission reductions from paper supplies and plans to continue reducing those emissions in 2023 and beyond.]

Consider the following guiding questions:

- 1) *Does your organization have an awareness campaign or strategy focused on:*
 - a. *Reducing paper use; and/or*
 - b. *Increasing the percentage of recycled content in purchased paper?*
- 2) *Did your organization purchase alternative sources of paper (e.g. bamboo, hemp, wheat, etc.)?*
- 3) *How does your organization plan to continue reducing emissions from paper use?*

As part of our waste management program, all waste paper is recycled from all our offices; our shared printer is set as default to print double sided; and deposit bottles/cartons are returned to a recycling depot by our kitchen.

2022 GHG Emissions and Offsets Summary Table

[Please see [Appendix 1](#) for instructions on populating this table with the “CCAR 2022” CGRT Report. The table separates biogenic emissions (BioCO₂) from total emissions, as per international emissions reporting protocols. **Tip:** Print pages 9 to 11 of this document, or view in a split or new window (if you have more than one screen); these pages contain the instructions on how to acquire the data to complete the following table.]

[Organization Name] 2022 GHG Emissions and Offsets Summary	
GHG emissions for the period January 1 - December 31, 2022	
[See Appendix 1 for instructions on how to access your 2022 emissions data from CGRT. Cells A and B below are identified in Figure 1 ; cells C and D are identified in Figure 2 .]	
Total BioCO ₂	0.004901
Total Emissions (tCO ₂ e)	375
Total Offsets (tCO ₂ e)	375
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	0
Grand Total Offsets for the 2022 Reporting Year	
Grand Total Offsets to be Retired for 2022 Reporting Year (tCO ₂ e) [must round to a whole number (no decimal places)]	375
Offset Investment (\$) [Grand Total Offsets to be Retired for 2022 Reporting Year x \$25 per tCO ₂ e]	(375) x \$25

- i. [Note, BioCO₂ is included in Total Emissions but not Total Offsets. For K-12 and Post-Secondary organizations, and BC Transit, Total Offsets might not equal Total Emissions minus Total BioCO₂ because offset exempt emissions for buses are included within Total Emissions.]
- ii. Emissions and offset investment amounts will be validated by CAS prior to distributing invoices.
- iii. You must round “Grand Total Offsets to be Retired” to a whole number (no decimal places) before multiplying by \$25 (e.g., 43.2 is rounded to 43, while 43.5 is rounded 44).]

Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, [Organization Name] (the **Organization**) is responsible for arranging for the retirement of the offsets obligation reported above for the 2022 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.

PART 2. Public Sector Climate Leadership

*[Information provided in this section will support continued planning for emissions reduction and climate change adaptation initiatives across the public sector, as well as inform high-level reporting in the annual provincial Climate Change Accountability Report. **Small Emitters are encouraged, but not required, to complete this section.**]*

2A. Climate Risk Management

[Please describe actions taken by your organization in 2022 to manage risk related to the changing climate and plans to continue managing those risks in 2023 and beyond. For example, has your organization:

- 1) Conducted a climate risk assessment to understand your organization's risk exposure?*
- 2) Made any operational or infrastructure changes in preparation for future climate impacts? What climate data and analysis tools and resources does your organization use to inform your climate adaptation and greenhouse gas emission reduction efforts? Please provide references, if available.*
- 3) Made changes to operational procedures in response to impacts driven by climate change, such as heat wave, drought, wildfire or flood?*
- 4) Made changes to the way services are delivered to accommodate clients, partners, staff or stakeholders who are affected by a climate-related impact?*
- 5) Incurred extra expenses in the last year in the form of staff overtime, hired subcontractors, or acquired equipment to adapt to climate change?*
- 6) Taken any other measures to adapt to the changing climate?]*

As part of St Michael's Heat Management strategy, with assistance from the Federal Funding monies, our the building has upgraded its HVAC system to provide central air conditioning in many areas of the building, particularly in our large dining rooms, medication rooms and offices, with the most direct exposure to the sun. St Michaels Centre, its staff and our residents are very grateful for the funding of \$676,000 towards this HVAC upgrade.

In addition, we conduct preventive maintenance work on our HVAC system to ensure it is running in the most efficient manner. We rely on conservative measures to cool our building in addition to AC.

2B. Other Sustainability Initiatives

*[Please describe any other initiatives in your organization that support **sustainability** in general. For example, does your organization have any of the following:*

- 1) A low-carbon business travel policy or travel reduction goal? (low carbon = lowest emissions per kilometer traveled per passenger)*

- 2) An operations policy or program to facilitate the reduction and diversion of building occupant waste from landfills or incineration facilities? (e.g. composting, collection of plastics, battery recycling, etc.)
- 3) Green procurement standards/policy for goods (e.g. office furniture, fleet, etc.)?]

2C. Success Stories

Adaptation: On the heels of the serious heat dome emergency three years ago, our biggest success story is using the Federal Monies received to upgrade our Air. Con System. Our building will be cooler, and will rely on less fans and portable AC units, and, most importantly our residents and staff will be more comfortable.

[Please describe any success stories that your organization would like to highlight, whether related to reducing emissions or preparing for/adapting to a changing climate. For example, from all the emission reduction projects your organization undertook in 2022, is there one action that resulted in, or is expected to result in, the greatest emissions reductions? Consider including an estimate of the expected emission reductions from that project (in tonnes CO₂e and/or percentage reduction) as well as other benefits (e.g. cost savings) or key lessons learned.

Executive Sign-off:

[All PSOs, including Small Emitters, must have their final report signed by a senior official, such as CEO, COO or Superintendent]

Signature	June 7,2023
Date	
Arif Padamshi	CEO
Name (please print)	Title

[Please email your signed report to Carbon.Neutral@gov.bc.ca by no later than May 31, 2023.]