

Title: 2020 PSO Climate Change Accountability Report

Organization: British Columbia Institute of Technology

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.

Overview:

In 2020, British Columbia Institute of Technology (BCIT) worked to reduce greenhouse gas (GHG) emissions through multiple initiatives:

- The COVID pandemic resulted in significantly lower occupancy levels to all buildings across the five BCIT campuses. The BCIT Energy Team worked closely with departments across the institute to reduce building heating where applicable while maintaining HVAC services for front-line staff remaining on site. This resulted in an estimated GHG emissions reduction of 700 tonnes CO₂e.
- BCIT worked with our utility partner FortisBC to modernize building HVAC controls in our SW9 building, reducing GHG emissions, energy use, and improving occupant comfort.
- The CleanBC program offered by the Provincial Government through BC Hydro helped to fund replacement of gas-fired infrared heaters with electric units for the NW6 CNC Machine Shop. This is a pilot project in collaboration with the School of Energy CNC Machinist program, with the intent to roll out this low-carbon technology to other school shop areas in the future.



Emissions and Offset Summary Table:

British Columbia Institute of Technology 2020 GHG Emissions and Offsets	
GHG Emissions created in Calendar Year 2020	
Total Emissions (tCO ₂ e)	7368
Total BioCO ₂	3.58
Total Offsets (tCO ₂ e)	7365
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	54
Grand Total Offsets for the 2020 Reporting Year	
Grand Total Offsets (tCO ₂ e) to be Retired for 2020 Reporting Year	7419
Offset Investment (\$25 per tCO ₂ e)	\$185,475

Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, British Columbia Institute of Technology (**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 10, 2021

Signature

Date

Trish Pেকেles

CFO, VP Finance and Corporate Services

Name (please print)

Title

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