

2025 Climate Change Accountability Report

School District 54 (Bulkley Valley)



Declaration Statement

Title: 2025 PSO Climate Change Accountability Report

Organization: The Board of Education, School District 54 Bulkley Valley

Declaration statement:

This PSO Climate Change Accountability Report for the period January 1, 2025 to December 31, 2025 summarizes our greenhouse gas (GHG) emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2025 to minimize our GHG emissions, and our plans to continue reducing emissions in 2026 and beyond.

Carbon Neutral Government Progress Report

Introduction

This report outlines the progress made during 2025 toward reducing energy consumption and supporting Carbon Neutral Government goals across district facilities.

Telkwa Elementary School Upgrades

1. Ventilation System Improvements

A Variable Air Volume (VAV) system was installed in 12 classrooms and office spaces. The system adjusts airflow based on occupancy, heating needs, and CO₂ levels, reducing air volume in unused areas and achieving energy savings of approximately 20–30%.

2. Installation of Heat Pumps



Two heat pumps were installed, including one air-source and one water-source unit. These systems operate at 300–400% efficiency, producing multiple units of heat per unit of electricity and greatly reducing reliance on traditional gas heating.

3. Building Envelope and Electrical Upgrades

Upgrades included new triple-pane windows, rigid vented insulation, and new exterior cladding, improving energy efficiency and reducing heat loss.

4. Domestic Water Heating Upgrade

A new system was installed that captures residual heat from boiler return water to preheat domestic hot water, reducing overall energy use.

Twain Sullivan Elementary Upgrades

Building Envelope Improvements

Work is ongoing to complete building envelope improvements, including triple-pane windows, insulation, and new cladding. Completion is expected by June 2026.



Summary

Key achievements in 2025 include ventilation upgrades, high-efficiency heat pump installation, improved building insulation, and energy recovery systems. These efforts support the district's progress toward Carbon Neutral Government commitments.

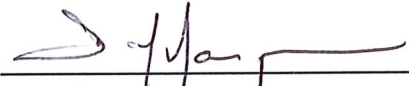
2025 GHG Emissions and Offsets Summary Table

School District 54 2025 GHG Emissions and Offsets Summary	
GHG emissions for the period January 1 - December 31, 2025	
Total BioCO ₂	46.1
Total Emissions (tCO ₂ e)	1057
Total Offsets (tCO ₂ e)	717
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	0
Grand Total Offsets for the 2025 Reporting Year	
Grand Total Offsets to be Retired for 2025 Reporting Year (tCO ₂ e)	717
Offset Investment (\$)	17925.00

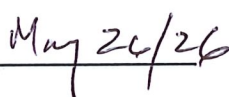
Retirement of Offsets:

In accordance with the requirements of the Climate Change Accountability Act and the Carbon Neutral Government Regulation School District No.54 (Bulkley Valley) is responsible for arranging for the retirement of the offsets obligation reported above for the 2025 calendar year, together with any adjustments reported for past calendar years (if applicable). The Organization hereby agrees that, in exchange for the Ministry of Energy and Climate Solutions (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 Signoff:



 Dave Margerm
 Secretary Treasurer



 Date