



CLIMATE CHANGE ACCOUNTABILITY REPORT

May 30, 2026



Title: 2025 Climate Change Accountability Report

Organization: School District No. 10 (Arrow Lakes)



Legislative Reporting Requirements:

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.

Emission Reductions: Actions & Plans

School District No. 10 (Arrow Lakes) (SD10) collaborates with engineers and consultants to enhance energy efficiency across both operations and transportation. Energy optimization initiatives are continuously implemented based on organizational needs and available funding. Facilities are being retrofitted with high-efficiency lighting and heating systems, with particular attention given to improving poorly insulated areas. Additionally, the vehicle fleet is being modernized through the adoption of electric vehicles (EVs) and more fuel-efficient drivetrain technologies. The District is also optimizing boiler closed-loop systems to improve overall efficiency and reliability.

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

All outdated lighting at both Nakusp Elementary School and the Board Office is being replaced with high-efficiency LED panels equipped with low-voltage dimming controls and daylight sensors to further reduce energy consumption.

Efforts to upgrade, expand, and maintain the District's solar infrastructure were reviewed this year, with improvements underway to optimize energy capture. Adjustable-angle brackets are being installed on solar panels to enhance efficiency throughout varying seasonal conditions.



Window films are also being installed to help regulate indoor temperatures, reduce heat loss and gain, and improve overall energy efficiency.

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

SD10 currently operates four electric buses. Transportation planning has been optimized by reducing the number of routes and shortening overall route distances. This restructuring has allowed for the successful integration of an electric bus on a route that was previously not feasible.

The District has also added a hybrid fleet vehicle, improving fuel efficiency without compromising range. SD10 intends to continue transitioning fleet vehicles to hybrid models as replacement opportunities arise.

In support of sustainability, SD10's grounds maintenance has transitioned from small gas-powered equipment to battery-operated units, including weed trimmers, hedge trimmers, chainsaws, and leaf blowers. A high-quality Stihl AP electric lawn mower has also been introduced, enhancing functionality, eliminating on-site noise and air pollution, while also contributing to a safer environment around schools.





C. Paper Consumption



SD10 has expanded the use of electronic forms that can be completed and submitted digitally, eliminating the need for printing. Adobe eSign is utilized for accounts payable approvals, significantly reducing paper consumption. In addition, a dedicated electronic platform is used to manage and process field trip requests, further supporting the District's commitment to efficient and sustainable administrative practices.

D. Fugitive Sources (e.g., heat pumps, refrigerators, air conditioners)

SD10 has replaced natural gas and electric air heating systems with high-efficiency heat pump units at the Nakusp Elementary School gymnasium, the Nakusp Secondary School portable, and the Board Office. Upcoming upgrades include a new heat pump system at Burton Elementary School, and high-efficiency entryway heat exchange systems at Nakusp Elementary School to further reduce energy loss.

In addition, the District is reviewing and optimizing heat pump control settings across facilities to ensure systems are operating at peak performance and maximizing energy efficiency.

2025 GHG Emissions and Offsets Summary Table

School District No. 10 (Arrow Lakes) 2025 GHG Emissions and Offsets Summary	
GHG emissions for the period January 1 - December 31, 2025	
Total BioCO ₂	1.50
Total Emissions (tCO ₂ e)	303
Total Offsets (tCO ₂ e)	235
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)	235
Offset Investment (\$)	5,875

Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and the Carbon Neutral Government Regulation, School District No. 10 (Arrow Lakes) (**the Organization**) 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 Sign-off:

Signature

Peter Dubinsky

Name (please print)

May 30, 2026

Date

Superintendent

Title

