



2025 PSO Climate Change Accountability Report

Published: June 30, 2026

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PART 1. 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

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

In 2025 we began HVAC recommissioning of 4 schools - Langley Secondary School, Yorkson Creek Middle, James Hill Elementary and Blacklock Fine Arts Elementary, ensuring HVAC systems were working efficiently. Boiler upgrades were completed at Douglas Park Elementary and Dorothy Peacock Elementary replacing inefficient boilers with high efficiency condensing boilers. In addition we retrofitted interior lighting to LED at 5 elementary schools to improve lighting in learning environments.

Our Strategic Energy Management Plan includes an emission reduction strategy throughout our operations including our buildings. However being cognizant of fiscal responsibility there are headwinds which will affect the speed and scale of decarbonizing our heating systems, which are the main sources of stationary sources of carbon emissions.

These headwinds are two-fold, suspension of CleanBC rebates for capital projects and the elimination of the consumer carbon tax. Policies for both the incentive of reducing carbon emissions and the disincentive of increasing carbon emissions have been eliminated.

However in the short term this doesn't affect replacing end of life boiler plants with high efficiency condensing boilers, which is planned for Parkside Centennial Elementary in 2026. In the long term we will continue to explore decarbonizing pathways in hopes that opportunities may arise that make these projects feasible.

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

In 2025 the District commissioned an additional hybrid vehicle. In total we now operate two electric vehicle (EV) buses, six EV transit vans and three plug-in hybrid passenger vehicles in the fleet. We now have ten electrical charging stations for fleet use across two sites.

Our District has completed an EV transition and infrastructure feasibility study with funding from BC Hydro, BC Government and Federal Government. This will form the basis of our strategy to reduce fuel consumption in our fleet operations by transitioning to EV options where feasible.

We are planning to have a new electrical service at the Maintenance Facility dedicated to EV charging. While this is necessary to meet demands of the EV fleet over the next decade it has proven difficult as there is limited space.

Paper Consumption

Our Sustainable Digital Transformation plan reduces paper consumption in the district through use of technology. The strategy is to first use digital forms and signatures which would allow for unnecessary paper usage. Printers also typically use 30% recycled content and default to printing double sided with a printer release policy to avoid abandoning prints. We continue to reduce our paper emissions by utilizing more digital technology and reducing printing where possible.

The Langley School District is exploring the use of more sustainable paper which would offer similar quality paper at comparable prices but with no associated emissions.

2025 GHG Emissions and Offsets Summary Table

School District No.35 (Langley) 2025 GHG Emissions and Offsets Summary	
GHG emissions for the period January 1 - December 31, 2025	
Total BioCO ₂	142
Total Emissions (tCO ₂ e)	5917
Total Offsets (tCO ₂ e)	5432
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	-44
Grand Total Offsets for the 2025 Reporting Year	
Grand Total Offsets to be Retired for 2025 Reporting Year (tCO ₂ e)	5388
Offset Investment (\$)	\$134,700

Retirement of Offsets:

In accordance with the requirements of the Climate Change Accountability Act and the Carbon Neutral Government Regulation, [Organization Name] (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.

PART 2. Public Sector Climate Leadership

Climate Risk Management

The next 30 years will have a rapidly evolving climate with extreme weather events occurring more frequently that will include wildfires, floods, drought and extreme temperatures.

As such its important for new schools, such as Emery Dosdall Secondary and statl w Middle School to be designed with future climate in mind. This is done by modeling occupancy comfort with 2050 climate data and addressing issues now by improving the building design.

The Langley School District is upgrading infrastructure for end of life heating equipment and improving the climate resilience of our buildings where possible. This involves replacing old inefficient heating equipment with heat pumps and natural gas backup which enables cooling when there's hot weather.

In addition, all HVAC filters are MERV13 rated which allows for better air quality in classrooms when there is wildfire smoke. Together with changed our operational procedures we ensure the best possible classroom air quality during a wildfire smoke event.

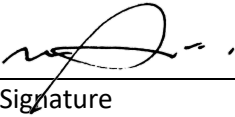
Other Sustainability Initiatives

The Administrative Procedure 546 at Langley School District serves as a basis for the energy efficiency and carbon emissions reduction. The District takes it as its responsibility for ensuring that every effort is made to conserve energy and resources to reduce the District's carbon footprint. This requires an ongoing, integrated and systematic approach to energy management, including assessing performance, setting goals, creating an action plan and tracking and communicating results.

Success Stories

In 2025, Emery Dosdall Secondary and statl w Middle School has been modeled to reduce carbon emissions by a significant 85% and 93% respectively compared to LEED. This is achieved through a shared heating plant with heat primarily supplied by air source heat pumps and boilers as backup. Additionally heat recovery ventilators and increased insulation are also used which reduce the heating demand for the two schools.

Executive Sign-off:

	May 20, 2026
Signature	Date
Mal Gill	Superintendent of Schools
Name (please print)	Title