



2023 PSO Climate Change Accountability Report

Organization: Board of Education School District #46 (Sunshine Coast)

Declaration statement: This Climate Change Accountability Report for the period January 1, 2023 to December 31, 2023 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2023 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2024 and beyond.

Overview of 2023 actions:

- *LED Lighting retrofits at an elementary school and a secondary school*
- *Replaced 3 white fleet vehicles with new, more fuel efficient vehicles*

Plans for 2024 and onward:

- *Investigate the feasibility of installing air source heat pumps as primary heating source for hydronic heating systems*
- *Add EV charging at Maintenance Facility*
- *Regular review of BMS to ensure operational efficiency of HVAC systems*
- *LED lighting retrofits*
- *Use of AI (EcoPilot) to reduce fuel consumption at our 2 largest secondary schools*

Emissions and Offset Summary Table:


Board of Education School District #46 (Sunshine Coast)	
2023 GHG Emissions and Offsets	
GHG Emissions created in Calendar Year 2023	
Total Emissions (tCO ₂ e)	803.52
Total BioCO ₂	4.32
Total Offsets (tCO ₂ e)	799.2
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	
Grand Total Offsets for the 2023 Reporting Year	
Grand Total Offsets (tCO ₂ e) to be Retired for 2023 Reporting Year	799.2
Offset Investment (\$25 per tCO ₂ e)	\$20,000

- i. *Note, BioCO2 is included in Total Emissions but not Total Offsets. For K-12 and Post-Secondary organizations, and BC Transit, Total Offsets will 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. *"Grand Total Offsets to be Retired" have been rounded up to a whole number (no decimal places) before multiplying by \$25*

Retirement of Offsets:

In accordance with the requirements of the Climate Change Accountability Act and Carbon Neutral Government Regulation, the Board of Education School District #46 (Sunshine Coast) (the Organization) is responsible for arranging for the retirement of the offsets obligation reported above for the 2023 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:

 Signature	<i>May 30, 2024</i> Date
Kate Kerr Name	Superintendent of Schools Title

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