



SCHOOL DISTRICT 46 - SUNSHINE COAST

Excellence in all we do!

2020 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, 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:

- Added 2 - 100 kW pv solar arrays to 2 elementary schools in 2021
- Added 4 EV charging stations in 2021
- LED lighting retrofit of a secondary school in 2021, 2022

Plans for 2021 and onward:

- Investigate feasibility of installing air source heat pumps as primary heating source for hydronic heating systems
- Replacing fleet vehicles with more efficient vehicles and EV where possible
- Continue to look for ways to "electrify" HVAC systems to reduce CO2 emissions
- Regular review of BMS to ensure operational efficiency of HVAC systems

Emissions and Offset Summary Table:


Board of Education School District #46 (Sunshine Coast)	
2020 GHG Emissions and Offsets	
GHG Emissions created in Calendar Year 2020	
Total Emissions (tCO ₂ e)	818.2
Total BioCO ₂	2.58
Total Offsets (tCO ₂ e)	815.62
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	
Grand Total Offsets for the 2020 Reporting Year	
Grand Total Offsets (tCO ₂ e) to be Retired for 2020 Reporting Year	815.62
Offset Investment (\$25 per tCO ₂ e)	\$20,400

- 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 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:

<small>DocuSigned by:</small>	
	5/27/2021 4:23 PM PDT
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Signature	Date
Patrick Bocking	Superintendent of Schools
Name	Title

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