

Carbon Neutral Action Report School District No. 59 (Peace River South)

Executive Summary

Previous to July 2008 we have completed extensive lighting upgrades changing from T 12 to T 8 electronic ballasts, exit signs to L.E.D. and incandescent to compact fluorescent. Using high efficient furnace and boilers for scheduled replacements. We work with Destination Conservation to provide energy conservation training to students. The new Pouce Coupe Elementary School was built with energy conservation as a priority.

Part 1: Actions Taken to Reduce Greenhouse Gas Emissions in 2008

Overview

Since July 2008 we have completed the following large energy saving projects:

- Chetwynd Secondary School DDC heating control upgrade. (\$200,000.)
- Macleod Elementary window upgrade. (\$50,000)
- Devereaux School high efficiency furnace. (\$60,000)

We will be installing two solar walls one for South Peace Senior Sec. and one for Tumbler Ridge Sen. Sec.

Also we have 13 schools participating with Destination Conservation.

1.1 Mobile Fuel Combustion

We have decreased the size of our maintenance fleet and replaced older units with newer more efficient models (smaller engines). Because we have a large area to cover we use four ten-hour shifts for crews travelling out of town, saving one day of travel per week.

Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Provided driver training to reduce fuel use	In Progress		
Encouraged car pooling in fleet vehicles	In Progress		

1.2 Stationary fuel combustion and electricity

Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Undertaken Monitor turn-off challenge	In Progress	Destination Conservation 13 schools	
Replaced standard bulbs with CFLs	In Progress	Replacing crawl space lighting	
Undertaken lighting retrofit	In Progress	Installing electronic ballasts	

1.3 Supplies

Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Committed to hold paperless meetings	In Progress		
Actions on non-paper related supplies:			
Encouraged re-use of furniture and equipment	In progress	Maintenance refurbishing desks, tables, etc	

1.4 Sustainability Actions (others)

Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Took water conservation measures – low flow showers or toilets, fix leaks		90% saving in water	When building New Pouce Coupe School installed tanks to catch rain water from the roof and then used for toilets.