

## CNAR OVERVIEW

**Title:** 2016 Carbon Neutral Action Report”

**Organization name:** School District #59 Peace River South

**Declaration statement:** This Carbon Neutral Action Report for the period January 1<sup>st</sup>, 2016 to December 31<sup>st</sup>, 2016 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2016 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2017 and beyond.

By June 30, 2017 **School District #59** final *Carbon Neutral Action Report* will be posted to our website at [www.Sd59.bc.ca](http://www.Sd59.bc.ca).

**Overview:** SD#59 has completed Lighting upgrades in two schools in 2016; Ecole Frank Ross Elementary and Don Titus Elementary

The results of Little Prairie Elementary lighting upgrade (completed late 2015) show a savings of over 40,000 Kwh or about 20%.

We started a major HVAC upgrade at Ecole Frank Ross Elementary which includes a Geothermal heating system, phase one has been completed (installation of Geo Field) with phase two to start in 2017. We will be continuing our lighting upgrade initiative in two schools in the 2017 year

### Emissions and Offset Summary Table:

School District #59 GHG Emissions and Offset for 2016 (tCO <sub>2</sub> e)	
<b>GHG Emissions created in Calendar Year 2016</b>	
Total Emissions (tCO <sub>2</sub> e)	3340
Total Offsets (tCO <sub>2</sub> e)	2442
<b>Adjustments to GHG Emissions Reported in Prior Years</b>	
Total Emissions (tCO <sub>2</sub> e)	1
Total Offsets (tCO <sub>2</sub> e)	1
<b>Grand Total Offsets for the 2016 Reporting Year</b>	
Grand Total Offsets (tCO <sub>2</sub> e)	2443

### Retirement of Offsets:

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, **School District #59 (the Organization)** is responsible for arranging for the retirement of the offsets obligation reported above for the 2016 calendar year, together with any adjustments reported for past calendar years. The Organization hereby agrees that, in exchange for the Ministry of Environment 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:**

*C. Clouthier*

*March 27/17*

Signature

Date

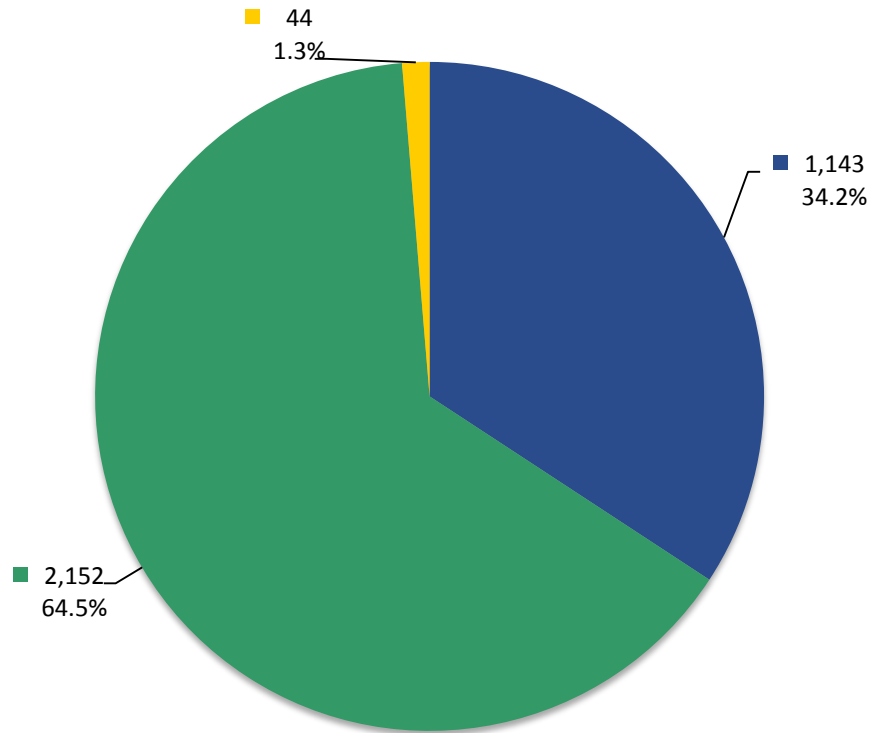
Candice Clouthier

Acting Secretary Treasurer

Name (please print)

Title

**School District 59 - Peace River South (Dawson Creek)**  
**Greenhouse Gas Emissions by Source**  
**for the 2016 Calendar Year (tCO<sub>2</sub>e\*)**



**Total Emissions: 3,340**

- Mobile Fuel Combustion (Fleet and other mobile equipment)
- Stationary Fuel Combustion (Building Heating and Generators) and Electricity
- Supplies (Paper)

**Offsets Applied to Become Carbon Neutral in 2016 (Generated May 15, 2017 4:00 PM)**

Total offsets required: **2,442**. Total offset investment: **\$61,050**. Emissions which do not require offsets: **897** \*\*

\*Tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) is a standard unit of measure in which all types of greenhouse gases are expressed based on their global warming potential relative to carbon dioxide.

\*\* Under the *Carbon Neutral Government Regulation of the Greenhouse Gas Reduction Targets Act*, all emissions from the sources listed above must be reported. As outlined in the regulation, some emissions do not require offsets.

# 2016 Carbon Neutral Action Report Survey

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### Part One (external)

Contact Name(s):

*Wade Simlik*

Organization Name:

*School District #59 Peace River South*

Please select your sector:

- School District

1) Stationary Sources (Buildings, Power Generators): Fuel Combustion, Electricity use, Fugitive Emissions.

During 2016, did your organization take any of the following actions to support emissions reductions from buildings?

Select all that apply

- Performed energy retrofits of the organization's buildings.: Two buildings had lighting upgrades

Briefly describe your organization's plans to continue reducing emissions from its stationary sources in future years.

*We will be continuing on with our lighting upgrade program throughout the district.  
Phase One of Hvac upgrade and Geo Field for Ecole Frank Ross, phase 2 to be done in 2017*

During 2016, did your organization participate in utility-sponsored energy demand management program(s) (e.g. BC Hydro's Energy Management (Manager))?

*Yes*

If yes, please describe briefly:

*BC Hydro Power Smart Program*

2) Mobile Sources (Vehicles, Off-road/Portable Equipment): Fuel Combustion.

During 2016, did your organization take any of the following actions to support emission reductions from its mobile sources?

Select all that apply

*(No response)*

Briefly describe your organization's plans to continue reducing emissions from its mobile sources in future years.

*(No response)*

3) Supplies (Paper):

During 2016, did your organization take any of the following actions to support emissions reductions from paper supplies?

Select all that apply

- 
- Policy requiring the purchase of recycled content paper.: 30% recycle content of all copy paper district wide
- 

Briefly describe your organization's plans to continue reducing emissions associated with its office paper use in future years.

*(No response)*

4) Other Sustainability Actions:

Business Travel:

During 2016, did your organization take any of the following actions to support emissions reductions from business travel?

Select all that apply

*(No response)*

Education Awareness:

During 2016, did your organization have any of the following programs or initiatives to support sustainability education and awareness?

Select all that apply

- 
- Green, Sustainability or Climate Action Team
- 

Other Sustainability Actions:

During 2016, did your organization have any of the following programs or initiatives to support sustainability?

Select all that apply

- 
- A water conservation strategy which may include a plan or policy for replacing water fixtures with efficient models
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