

**2017 Carbon Neutral Action Report
Board of Education of School District 60 (Peace River North)**

This is the 2017 Carbon Neutral Action Report (CNAR) for School District 60, Peace River North. This report contains our emissions profile, offset purchased and the actions we have taken in 2017 to reduce our greenhouse gas emissions. This report also contains our plans to continue reducing emissions in 2018 and beyond. This report will be posted by 30 July 2018 on our website at www.prn.bc.ca

Peace River North School District is entering its 17th year of energy conservation. Carbon reduction relationships that have been established over the years will be continued with district personnel seeking to further their knowledge and skills in the operation of building systems. The district continues to face growth pressures and all forms of energy reduction and conservation will be considered and as much as possible be implemented in new and renovated construction.

Destination Conservation has continued to be a provider of energy use and reduction strategies to staff and students. In the past we have had monetary support for this program from community benefactors and although this year outside funding did not happen the district felt the value of the program necessitated its continuation. Schools are at different levels in the program with some being in their third year. Green teams are active and continue to be supported by the program and district personnel. Staff and students are encouraged to bring lunches in reusable containers to reduce garbage. North Peace Senior Secondary continues to monitor and document effects of the solar roof panels and uses this information in classroom instruction. This instruction and exercise provide students with the knowledge and choices in their use of all forms of energy. School District 60 has also just hired an employee that is specifically tasked with HVAC optimization and energy management.

Peace River North School District will continue on the path of energy monitoring looking for areas of reduction while providing a safe comfortable working environment for all occupants of the buildings and grounds. It is our purpose to find and secure that happy medium of lower energy use resulting in lower carbon emissions while providing acceptable space in which to live and work. To this end we all must be contributors; not only in mechanical expectations but also in personal purpose.



CNAR OVERVIEW

Title: 2017 Carbon Neutral Action Report

Organization name: School District 60 Peace River North

Declaration statement: This Carbon Neutral Action Report for the period January 1st, 2017 to December 31st, 2017 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2017 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2018 and beyond.

By June 30, 2018 School District 60 Peace River North’s final *Carbon Neutral Action Report* will be posted to our website at www.prn.bc.ca

Emissions and Offset Summary Table:

<i>[School District 60 Peace River North] GHG Emissions and Offset for 2017 (tCO₂e)</i>	
GHG Emissions created in Calendar Year 2017:	
Total Emissions (tCO ₂ e)	4319
Total Offsets (tCO ₂ e)	3113
Adjustments to GHG Emissions Reported in Prior Years	
Total Emissions (tCO ₂ e)	0
Total Offsets (tCO ₂ e)	0
Grand Total Offsets for the 2017 Reporting Year	
Grand Total Offsets (tCO ₂ e)	3113

Executive sign-off: Brenda Hooker, Secretary Treasurer

Signature

Date *June 5/18*

Name (please print) *Brenda Hooker*

Title *Secretary - Treasurer*

Part 1: CNAR Survey

1. General Information

Name: Chad Cushway

Contact Email: ccushway@prn.bc.ca

Organization Name: School District 60

Sector: School District

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

During 2017, did your organization take any of the following actions to support emissions reductions from buildings? (please select all that apply)

Performed energy retrofits of the organization's building(s); Built, or are building new LEED Gold or other "Green" buildings

2. Stationary Sources - Other? Please specify:: LEED Gold equivalent

If you selected "*Performed energy retrofits of the organization's building(s)*":

How many buildings were retrofitted?: 3

If you selected "*Built, or are building new LEED Gold or other "Green" buildings*":

How many new "Green" buildings?: 1

Did your Organization perform any retrofits during 2017? Please describe briefly:

HVAC upgrades at 2 schools and a facilities building

2a. Stationary Sources (eg. Buildings, Power Generators): Fuel Combustion, Electricity use, Fugitive Emissions.

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Please briefly describe your organization's plans to continue reducing emissions from its stationary sources:

a) Over the next 1-5 years

We have engaged an energy manager and are looking at everything in the district.

b) Over the following 6-10 years

Develop a comprehensive plan around building controls

3. Mobile Sources (Vehicles, Off-road/portable Equipment): Fuel Combustion:

During 2017, did your organization take any of the following actions to support emission reductions from its mobile sources? (please select all that apply)

Replaced existing vehicles with more fuel efficient vehicles (gas/diesel)

If you selected "*Replaced existing vehicles with more fuel efficient vehicles (gas/diesel)*":

How many vehicles?: 5

3a. Mobile Sources (Vehicles, Off-road/portable Equipment): Fuel Combustion:

Please briefly describe your organization's plans to continue reducing emissions from its mobile sources:

a) Over the next 1-5 years

continue to replace aging fleet

b) Over the following 6-10 years

move to electric / battery powered

4. Supplies (Paper): Indicate which actions your PSO took in 2017:

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During 2017, did your organization take any of the following actions to support emissions reductions from paper supplies? (please select all the apply)

None of the above

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

We are looking at policy and software

5. Other Sustainability Actions

a) Business Travel

During 2017, did your organization take any of the following actions to support emissions reductions from business travel? (please select all that apply)

None of the above

b) Education/Awareness

During 2017, did your organization have any of the following programs or initiatives to support sustainability education and awareness? (please select all that apply)

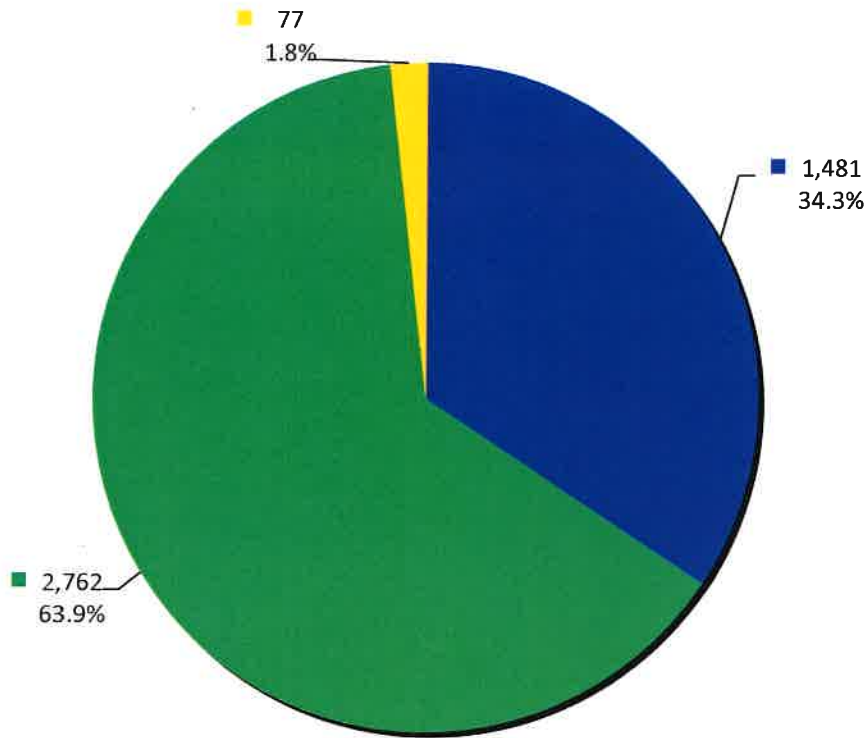
Supported or provided education to staff about the science of climate change, conservation of water, energy and/or raw materials

c) Other Sustainability Actions

During 2017, did your organization have any of the following programs or initiatives to support sustainability? (please select all that apply)

Lifecycle costing of new construction or renovations

**School District 60 - Peace River North (Fort St.John)
Greenhouse Gas Emissions by Source
for the 2017 Calendar Year (tCO₂e*)**



Total Emissions:

- 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 2017 (Generated June 04, 2018 2:14 PM)

Total offsets required: . Total offset investment: \$. Emissions which do not require offsets: **

*Tonnes of carbon dioxide equivalent (tCO₂e) 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.