

CARBON NEUTRAL ACTION REPORT 2013 – SMALL EMITTERS FORM

[This form is for the use of BC Public Sector Organizations that had GHG emissions of less than 600 tonnes Co2e in the 2012 reporting year, which as a group, equals less than 1% of all PSO emissions]

Organization Name

School District No. 64 (Gulf Islands)

Contact name

Rod Scotvold

2013 Total Emissions

364

2013 Total Emissions for Offsets

212

Changes to previous years emissions (if applicable)

6

Over or Underpayments held by PCT (if applicable)

Total Offsets Purchased for 2013

218

List the top three actions taken by your organization in 2013 to reduce GHG emissions and/or improve sustainability

Action

1. Installation of a solar panel array at Gulf Islands Secondary School to preheat the domestic hot water system during the school year and to regenerate the ground source heat pump field loop system during the summer. Students are able to access DDC system graphics and trend logs for educational purposes.

2. Exterior and interior electrical lighting retrofit at Fulford Community Elementary School involving the replacement of existing light fixtures with new energy efficient LED light fixtures. New fixtures will provide a 70% reduction in electrical energy consumption.

3. Replacement of 4 service vehicles in Maintenance fleet with new, smaller, energy efficient gas fuelled units.

Describe Plans your organization has for continuing to minimize your GHG emissions

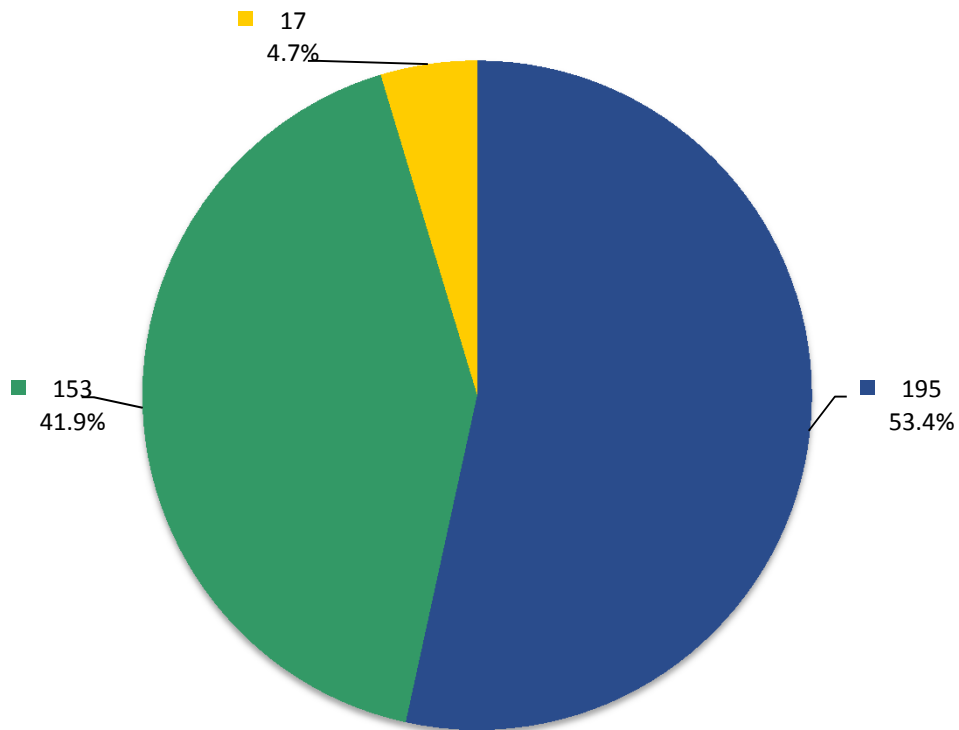
In conjunction with the "Transition Salt Spring Energy Group", plans are underway to install a major solar photovoltaic system at the Gulf Islands Secondary School. This installation will achieve electrical energy savings and provide educational opportunities to School District 64 students.

Executive Sign-off

Name (print): Rod Scotvold Date: May 28, 2014



**School District 64 - Gulf Islands
Greenhouse Gas Emissions by Source
for the 2013 Calendar Year (tCO₂e*)**



Total Emissions: 364

- 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 2013 (Generated May 21, 2014 4:02 PM)

Total offsets required: **212**. Total offset investment: **\$5,300**. Emissions which do not require offsets: **152** **

*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.