

Carbon Neutral Action Report - Overview Template for 2013



This is the 2013 Carbon Neutral Action Report (CNAR) for Saint Joseph's General Hospital. This report contains our 2013 emissions profile, offsets purchased, the actions we have taken in 2013 to reduce our GHG emissions and our plans to continue reducing emissions in 2014 and beyond.

By June 30, 2014, *Organization X's* final CNAR will be posted to our website at www.sjghcomox.ca.

- The Laundry: Partially owned by the Hospital; energy use at the Laundry is reported by the Hospital. The Laundry replaced the building heating system. The older style heaters were very inefficient and the motors were oversized for the application, this resulted in excess hydro and natural gas use.
- The Laundry removed the flatwork ironer. The ironer was heated by steam generated by high pressure steam boilers and used hydro to operate. The ironer was removed in favor of a full dry system which is more efficient and uses less hydro and natural gas.
- The Hospital replaced the main tower chillers with high efficiency chillers. The old units were original to the building and were installed in the late 1960's. They had become very inefficient and used excessive amounts of hydro.
- The Hot Water Boiler was replaced with a high efficiency boiler which uses less hydro and natural gas.
- A gas steam boiler was installed to generate steam for the Reprocessing Department this reduced demand on the electric steam generators. Demand for steam generation via hydro was reduced from 105 hours per week to 10 hours per week.
- The Hospital reduced the amount of printed matter by encouraging workers to store data in an electronic format a reduction of 389,500 pages printed in 2013.

Emissions and Offsets Summary:

GHG Emissions and Offsets for 2013 (TCO2E)	
GHG Emissions created in calendar year 2013 (from SMARTTool Homepage)	
Total Emissions	1272
Total Emissions for Offsets	1269
Adjustments to GHG Emissions Reported in Previous Years (from SMARTTool Homepage)	
Total Emissions	5
Total Emissions for Offsets	5
Credit owing from PCT at end of 2012 reporting year (if applicable – from May 15 Invoice):	
Credit Owing	89
Total Emissions for Offsets for the 2013 Reporting Year (from Offset Invoice):	1185

Eric Macdonald

JUNE 24, 2014

Signature

Date

ERIC MACDONALD

V.P. FINANCE SJGH.

Name (please print)

Title

2013 Carbon Neutral Action Report (CNAR) - Part 2 ACTIONS

Created Wednesday, June 25, 2014

Updated Thursday, June 26, 2014

<https://fluidsurveys.com/surveys/cas-z/2013-cnar-form-bps-actions/5450cfa3d963833fefcf689879a3e92d/>

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Please complete the following sections of the 2013 Carbon Neutral Action Report form. Save your work frequently to prevent it from being lost. You can also save a copy for your own use as either a WORD or PDF file using the buttons at the bottom of each page.

This is Part 2 of the Carbon Neutral Action Report form. This section reports on actions taken to reduce emissions during the 2013 calendar year. This information will be included in your final Carbon Neutral Action Report posted on the Ministry of Environment website.

When the form is complete press the submit button on the last page to automatically submit the information to the Climate Action Secretariat (CAS). Do not press submit before you are ready – this may result in a loss of work.

In addition to completing this survey (Part 1 2), you are required to submit your completed Overview (Executive Summary) and Self-Certification Checklist. The 2013 Overview template was included in the email sent and can also be found on the LiveSmart leaders Community.

Please ensure you meet the following reporting deadlines:

A DRAFT 2013 CNAR is due to CAS by March 31, 2014. The draft is comprised of the Overview ONLY (no executive sign-off required).

The FINAL 2013 CNAR is due to CAS by May 30, 2014. The final 2013 CNAR includes Part 1 Part 2 survey form and Overview.

The Self-Certification Checklist is due to CAS by May 15, 2014.

For more information about the Carbon Neutral Government process, please refer to *Becoming Carbon Neutral 2013*, or should you have any questions please contact climateactionsecretariat@gov.bc.ca.

Organization Name

Saint Joseph's General Hospital

Actions Taken to Reduce Emissions

1) Stationary Fuel Combustion, Electricity (Buildings):

Indicate which actions were taken in 2013:

Performed energy retrofits on existing buildings

Yes

Built or are building new LEED Gold or other "Green" buildings.

No

Undertook an evaluation of overall building energy use.

No

Please list any other actions taken to reduce emissions from Buildings:

Replaced chillers, replaced electric steam generator, replaced heating units, removed flatwork ironers at laundry.

2) Mobile Fleet Combustion (Fleet and other vehicles):

Indicate which actions were taken in 2013:

Do you have a fleet?

Yes

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

No

Replaced existing vehicles with hybrid or electric vehicles

No

Reduced the overall number of fleet vehicles

Yes

Took steps to drive less than last year

No

Please list any other actions taken to reduce emission from fleet:

The "hospital car" was sold last year.

3) Supplies (Paper):

Indicate which actions were taken in 2013:

Used less paper than previous year

Yes

Used only 100% recycled paper

No

Used some recycled paper

Yes

Used alternate source paper (Bamboo, hemp, etc.)

No

Please list any other actions taken to reduce emissions from paper use:

*All users were strongly encouraged to not print documents but to use electronic storage.
All printer paper is 100 % recycled paper.*

Actions Taken to Reduce Emissions - continued

Explain how you plan to continue minimizing emissions in 2014 and future years:

Continue with move to paperless meetings and electronic document storage.

Encourage video conferencing meetings over travel to meetings.

Replacement of chillers in other areas of the building.

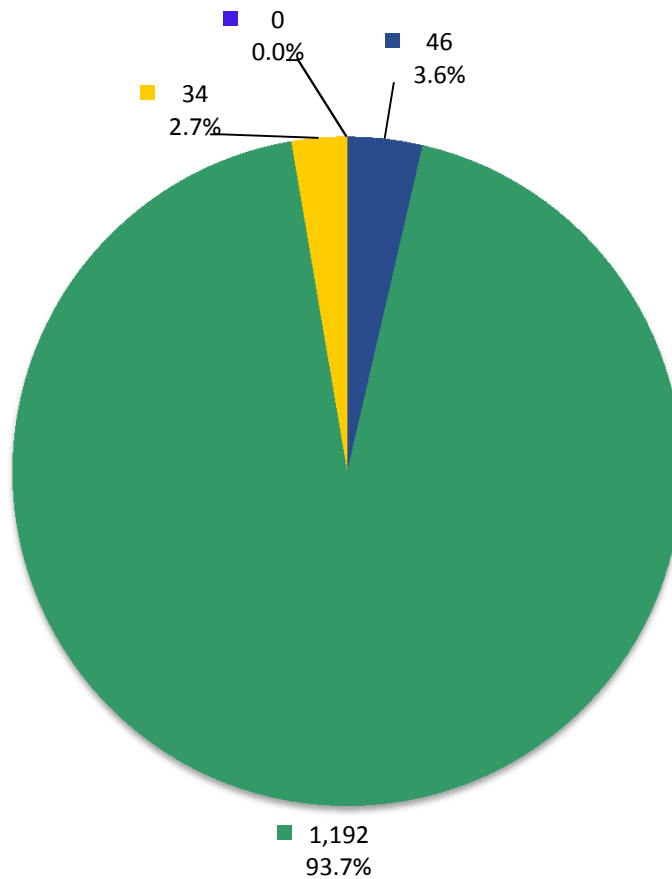
Replacement of parking lot lighting.

Replacement of older delivery truck at Laundry.

If you wish to list any other "sustainability actions" outside of buildings, fleet, paper and travel check "yes". This reporting is optional.

No

St. Joseph's General Hospital Greenhouse Gas Emissions by Source for the 2013 Calendar Year (tCO₂e*)



Total Emissions: 1,272

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

Offsets Applied to Become Carbon Neutral in 2013 (Generated May 26, 2014 10:26 AM)

Total offsets required: **1,269**. Total offset investment: **\$31,725**. Emissions which do not require offsets: **2** **

*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.