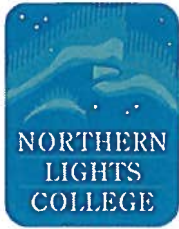


2013

CARBON NEUTRAL ACTION REPORT
NORTHERN LIGHTS COLLEGE



Wind Turbine Training Tower



B.C.'s Energy College™

NORTHERN LIGHTS COLLEGE

2013 Carbon Neutral Action Report

This is the 2013 Carbon Neutral Action Report (CNAR) for Northern Lights College. 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, Northern Lights College's final CNAR will be posted to our website at www.nlc.bc.ca.

OVERVIEW/EXECUTIVE SUMMARY

Our commitment towards carbon neutrality continues with energy savings and greenhouse gas emission reductions. We continue to focus on building improvements with lighting retrofits, energy audits and mechanical upgrades.

ACTIONS TAKEN IN 2013

- Energy Audit on Fort St. John Campus.
- Lighting retro-fit on Dawson Creek Campus in the Aircraft Maintenance Engineering building.
- Fort Nelson Mechanical Upgrade.
- With the disposal of four inefficient fleet vehicles, we purchased three new more efficient vehicles.
- Replace all street lights with LED on the Dawson Creek Campus.

SUCCESS STORIES

Fort Nelson Mechanical Upgrade has reduced our natural gas consumption and our electrical consumption.

Fort St. John Energy Audit provided us with information needed to conduct our energy reduction for 2014.

SUSTAINABILITY INITIATIVES (tie in with GHG emission reductions)

- A lighting replacement will be done on the Fort St. John Campus, which was identified through the Energy Audit.
- Chetwynd Campus Mechanical and Electrical Upgrade replacing old equipment with new to reduce our energy consumption.

Emissions and Offsets Summary:

Northern Lights College GHG Emissions and Offsets for 2013 (TCO2E)	
GHG Emissions created in calendar year 2013 (from SMARTTool Homepage)	
Total Emissions	1,920
Total Emissions for Offsets	1,916
Adjustments to GHG Emissions Reported in Previous Years (from SMARTTool Homepage)	
Total Emissions	2
Total Emissions for Offsets	2
Credit owing from PCT at end of 2012 reporting year (if applicable – from May 15 Invoice):	
Credit Owing	0
Total Emissions for Offsets for the 2013 Reporting Year (from Offset Invoice):	1,918


 Signature _____ Date May 26, 2014


 Name (please print) _____ Title CFO.

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

Filled Tuesday, March 11, 2014

Organization Name

Northern Lights College

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:

- Energy Audit on Fort St. John Campus
- Lighting retro-fit on Dawson Creek Campus

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)

Yes

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:

- Encourage carpooling when possible
- regular maintenance

3) Supplies (Paper): Indicate which actions were taken in 2013:

Used less paper than previous year

No

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:

- Double-sided printing
- applied print and hold settings on printers
- encourage more scanning
- encourage electronic document filing for common documents

Actions Taken to Reduce Emissions - continued

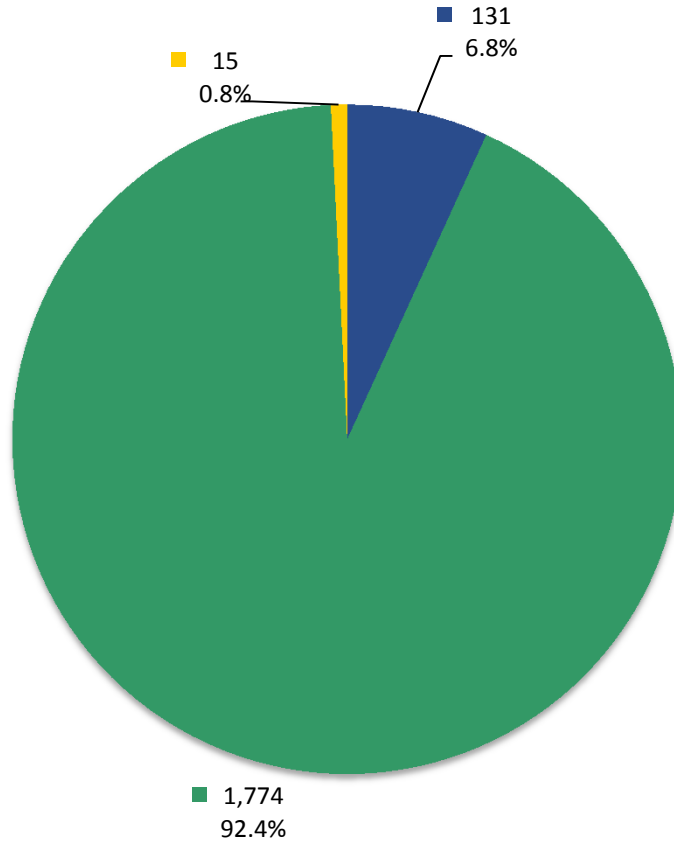
Explain how you plan to continue minimizing emissions in 2014 and future years:

As funding becomes available we will introduce projects that will reduce our electrical and natural gas consumption to lower our green house gas emissions.

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

No

**Northern Lights College
Greenhouse Gas Emissions by Source
for the 2013 Calendar Year (tCO₂e*)**



Total Emissions: 1,920

- 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 2:42 PM)

Total offsets required: **1,916**. Total offset investment: **\$47,900**. Emissions which do not require offsets: **4** **

*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.