



Menno Place (Hospital) - 2010 Carbon Neutral Action Report

Executive Summary

The Greenhouse Gas Reduction Target Act, passed in November 2007, tasked British Columbians to take solid action to reduce provincial emissions. As part of the Act, Menno Place has taken steps to reduce emissions, and will continue to work towards being Carbon Neutral.

At Menno Place (Hospital), a large part of our emissions is from natural gas fired boilers and electricity. We continue to take steps to reduce emissions through preventative maintenance and energy efficient equipment replacement.

Menno Place (Hospital) is committed to doing its part in an effort to reduce emissions for future sustainability of the environment, as well as financial sustainability for the organization.

2010 Greenhouse Emissions

Most of Menno Place's (Hospital) emissions in 2010 came from stationary fuel combustion and electricity at 98%. Other sources include paper at 2%.

Offsets Applied to Become Carbon Neutral in 2010

The total emissions offsets that have been applied for in 2010 are 442.17 tonnes.

Plans to Continue Reducing Greenhouse Gas Emissions 2010 – 2012

Future plans to reduce emissions at Menno Place (Hospital) include:

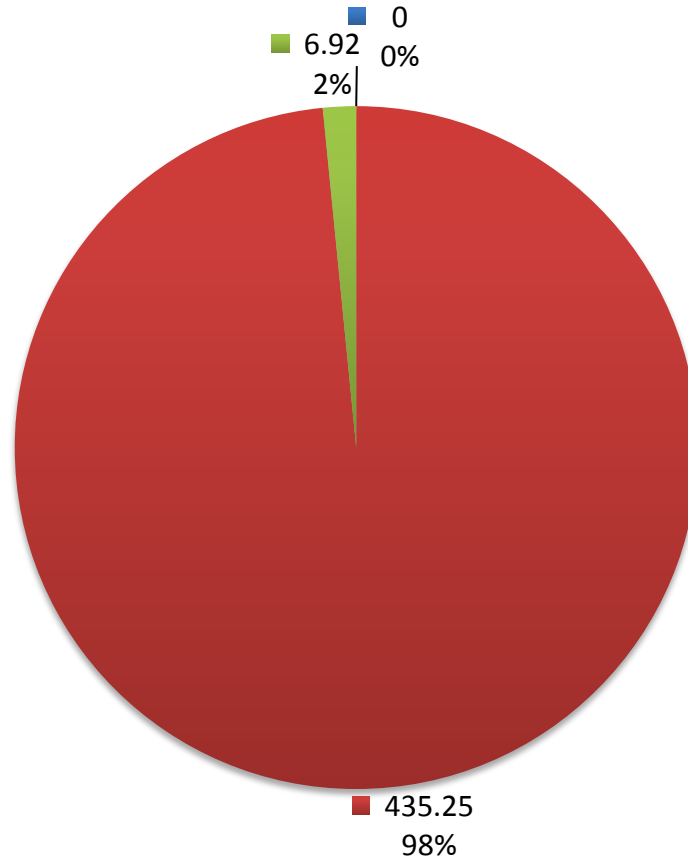
- Increasing staff awareness regarding turning off lights;
- Completing our product incentive program through BC Hydro, which consists of replacing old inefficient lights;
- Investigating building automation to control lights and other pieces of equipment to further decrease hydro usage;
- Replacing old equipment with high efficiency models;
- Integrating products received by Material Management so there are fewer vendor deliveries;
- Working with Fortis BC to find opportunities in equipment replacement to save on natural gas and reduce greenhouse gasses.

A handwritten signature in black ink, appearing to read 'Arthur Enns', is written over a horizontal line.

Arthur Enns, CHE
Chief Executive Officer
Mennonite Benevolent Society

Menno Hospital

Greenhouse Gas Emissions by Source for the 2010 Calendar Year (tCO₂e*)



Total Emissions: 442.17

- Mobile Fuel Combustion (Fleet and other mobile equipment)
- Stationary Fuel Combustion and Electricity (Buildings)
- Supplies (Paper)

Offsets Applied to Become Carbon Neutral in 2010

Total offsets purchased: **442.17**. Total offset investment: **\$11,054.25**. Emissions which do not require offsets: **0** **

*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.

Menno Hospital - 2010 Carbon Neutral Action Report

Actions Towards Carbon Neutrality

The actions listed below contribute to a reduction in greenhouse gas emissions from sources for which public sector organizations are responsible under the carbon neutral government regulation of the *Greenhouse Gas Reduction Targets Act*.

Action	Status (as of 12/31/10)	Performance to Date (as of 12/31/10)		Steps Taken in 2010	Steps Planned for 2011 -2013	Start Year	End Year
Mobile Fuel Combustion (Fleet and other mobile equipment)							
This section is either not applicable, not yet evaluated, or was completed before 2010							
Stationary Fuel Combustion, Electricity and Fugitive Emissions (Buildings)							
Complete energy retrofits on existing, owned buildings	In Development				Work with Fortis BC on replacing equipment with energy efficient equipment	2011	2012
Retrofitting owned buildings							
Upgrade lighting systems during retrofits	Ongoing/In Progress			Replace old lighting fixtures with new T8 technology	Finish replacements	2009	2011
Behaviour change program							
Encourage use of stairs instead of elevators	Completed in 2010			Notice sent out in a weekly bulletin to take stairs vs elevator		2010	No End Date (Continuous)
Provide reminders for turning off lights (e.g., signs, stickers, messages)	Ongoing/In Progress			Notice sent out in a weekly bulletin to turn lights off in unoccupied rooms	Continue to remind staff in weekly bulletin	2009	No End Date (Continuous)
Supplies (Paper)							
Paper Type							
Purchase 100% post-consumer recycled paper	Completed in 2010	40	% of total paper purchased contains 100% recycled content	purchased 100% vs 0% recycled paper	Maintain Practice	2009	2011

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Actions to Reduce Provincial Emissions and Improve Sustainability

The actions listed below contribute to a reduction in greenhouse gas emissions from sources that fall outside of the reporting requirements defined in the carbon neutral government regulation of the *Greenhouse Gas Reduction Targets Act*. Public sector organizations can optionally use this section to report on actions that will help British Columbia meet its provincial greenhouse gas reduction targets, engage the public, and improve environmental sustainability across all aspects of their organization.

Action	Status (as of 12/31/10)	Performance to Date (as of 12/31/10)	Steps Taken in 2010	Steps Planned for 2011 -2013	Start Year	End Year
Other Sustainability Actions						
Water conservation						
Establish a water conservation strategy which includes a plan or policy for replacing water fixtures with efficient models	In Development			Install water saving devices to fixtures	2011	2013