

Mount St Mary Hospital - 2009 Carbon Neutral Action Report

Executive Summary

Mount St. Mary Hospital is committed to reducing its carbon footprint, and is dedicated to the health of its residents, employees, their communities and the global environment. We strive to create a healthy environment that embraces safer building products, clean air, reduced toxins, safe working practices, energy and water efficiency, education, and a commitment to public health.

We will be developing an employee awareness campaign on environmental sustainability that will focus on the energy consumption in our facility. As a relatively newer building, there will be some limitations to the type of improvements that will be found, that will greatly reduce our GHG emissions.

Mount St. Mary Hospital is using the SmartTool software program to measure, aggregate, and report GHG emissions. Internal data collection processes/systems are in place to identify all sources of carbon emission as defined within Bill 44.

Overviews

Actions Taken to Reduce Greenhouse Gas Emissions in 2009

The focus at Mount St. Mary Hospital throughout the 2009 year was our Accreditation Canada preparation and we had not initiated any key actions in 2009 to reduce GHG emissions, but have discussed the Carbon Neutral Action Report at our Senior Leadership Meetings. The majority of our emissions come from our hydro and natural gas consumption, and that will be the area we will be focussing on to look for opportunities for reduction.

Plans to Continue Reducing Greenhouse Gas Emissions 2010 – 2012

Mount St. Mary Hospital will continue to reduce our carbon footprint by looking at various initiatives:

- Tracking the carbon emissions through the use of SmartTool.
- Education awareness campaign for employees.
- Reduction of paper use – purchase paper with 30% recycled content.
- Reduce boiler outputs to low-fire during warmer season.
- Investigate programs for potential lighting retrofits and energy saving devices.

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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 12/31/09)	Performance to Date (as of 12/31/09)		Steps Taken in 2009	Steps Planned for 2010 -2012	Start Year	End Year
Mobile Fuel Combustion (Fleet and other mobile equipment)							
Vehicle fuel efficiency							
Perform regular fleet maintenance to improve fuel-efficiency	Complete	100	% of vehicles are subject to regular maintenance for fuel efficiency	Annual service/maintenance performed on both vehicles.		2009	No End Date (Continuous)
Behaviour change program							
Provide fleet driver training to reduce fuel use	Complete	100	% of current drivers are trained	All drivers are trained by an ICBC-approved instructor.		2009	No End Date (Continuous)
Introduce anti-idling policy and/or raise anti-idling awareness for fleet drivers (e.g., signs, stickers, messages)	Complete			Driving policy/procedure manual refers to anti-idling awareness.		2009	No End Date (Continuous)
Promote alternatives to fleet vehicle travel where possible (e.g., bicycles, public transit, walking)	Complete			Bus is used for resident outings only. Pickup truck is used minimally and only for local travel.		2009	No End Date (Continuous)
Stationary Fuel Combustion, Electricity and Fugitive Emissions (Buildings)							
Appliances and electronic devices							
Replace refrigerators with ENERGY STAR models or source ENERGY STAR models for future purchases	Complete	100	% of fridges are ENERGY STAR rated	All appliances were purchased new in 2003, and all had a Energy Star rating.		2003	No End Date (Continuous)
Replace other appliances or electronic devices with ENERGY STAR models or source ENERGY STAR models for future purchases	Complete			Any replacement appliances require an Energy Star specification.		2003	No End Date (Continuous)
Replace desk lamp incandescent bulbs with compact fluorescent (CFL) bulbs or source more efficient desk lamps for future purchases	Ongoing/In Progress			Some lamps have been replaced with energy saving compact fluorescent bulbs.	Continue to encourage users to replace with energy saving bulbs. Only purchase more efficient lamps and bulbs.	2009	No End Date (Continuous)
Behaviour change program							
Help staff reduce personal energy use through "workstation tune-ups"	Complete	100	% of current staff have completed a workstation tune-up	Annual maintenance is performed on all systems.		2003	No End Date (Continuous)
Ask staff to unplug electrical equipment or switch off power bars when not in use	Complete			Educated staff to unplug any unused equipment, and to power down computer systems during off-hours.		2003	No End Date (Continuous)
Ask staff to close blinds at end of work day to reduce heating/cooling demands	Complete			Educated staff to close blinds during off-hours and during hot, seasonal weather.		2003	No End Date (Continuous)
Provide tips to staff on saving energy in the office while working outside of regular business hours	In Development				Add energy "tip column" in monthly newsletter.	2009	No End Date (Continuous)
Encourage use of stairs instead of elevators	Ongoing/In Progress			Staff are encouraged to use stairs. Due to building configuration, there are times when this is not recommended, due to the additional traffic through the North Houses.	Continue to encourage stair use, where applicable.	2003	No End Date (Continuous)

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Action	Status (as of 12/31/09)	Performance to Date (as of 12/31/09)		Steps Taken in 2009	Steps Planned for 2010 -2012	Start Year	End Year
Provide reminders for turning off lights (e.g., signs, stickers, messages)	Ongoing/In Progress			Staff are very aware of excessive use of lights. Most often, corridor lights are only on "night mode".	Continue to promote only essential light use during daylight hours.	2003	No End Date (Continuous)
Promote hot water conservation	Ongoing/In Progress			Staff are encouraged to use cold or warm water when processing resident clothing in domestic washers. High-temp dishwashing sanitizers use extremely low water levels.	Investigate additional hot water conservation initiatives.	2003	No End Date (Continuous)
Supplies (Paper)							
Paper Type							
Purchase 30% post-consumer recycled paper	In Development				Currently purchasing 15% recycled content. Will be looking at 30% recycled content paper.	2010	No End Date (Continuous)
Purchase 100% post-consumer recycled paper	In Development				Will be looking at products that contain 100% recycled content.	2010	No End Date (Continuous)
Printer/document settings							
Switch networked printers and photocopiers to automatic double-sided	Ongoing/In Progress	33	% of network printers or photocopiers are set to automatic double-sided	Printers replaced in 2009 were automatic double sided.	As printers are replaced, we will look at carbon neutral options.	2010	No End Date (Continuous)
Reduce default margin size in standard document templates (e.g., letters, briefing notes, forms, etc.)	Ongoing/In Progress			Have a standard template that encourages maximizes print area.	Addressed as new templates are developed.	2009	No End Date (Continuous)
Electronic media in place of paper							
Install collaborative software for electronic editing (e.g. SharePoint, Groove, etc.)	Complete	100	% of staff workstations with software installed	Provide training for utilization of programs.		2008	No End Date (Continuous)
Use electronic document library for filing common documents	Ongoing/In Progress			Have created common directories for users to share common files.	Will be ongoing.	2008	No End Date (Continuous)
Post materials online that were previously printed	Ongoing/In Progress			Developed an intra-site for users.	Will be ongoing and expanded as needed.	2009	No End Date (Continuous)
Behaviour change program							
Train staff to use collaborative software for electronic editing (e.g. SharePoint, Groove, etc.)	Complete	100	% of staff currently have received collaborative software training	Trained staff as needed.		2009	No End Date (Continuous)
Encourage staff to hold paperless meetings or presentations (i.e., no handouts)	In Development				Educate staff and encourage staff to reduce paper usage.	2009	No End Date (Continuous)
Encourage re-use of scrap paper	Complete			Ongoing education for re-use as much as possible.		2006	No End Date (Continuous)