

St. Michael's Centre - 2009 Carbon Neutral Action Report



Executive Summary

St Michael's Centre is committed to reduce our impact to the environment. We were introduced to the Carbon Neutral Plan mid 2009 and received some education September 2009.

St. Michael's Centre is an affiliate of the Fraser Health Region. We are a residential care facility that is not-for-profit, denominational and dependent on the Health Region for funding. Our funding is tied to providing care and very little is available for maintenance and upkeep. We have an aging facility which expanded in 1992 and a portion was renovated in 2002 for the Hospice program. Much of our equipment and building services were installed in 1981, 1992 and 2002.

Overviews

Actions Taken to Reduce Greenhouse Gas Emissions in 2009

Due to the fact that St. Michael's Centre was introduced to the Carbon Neutral Program late in the 2009 year, no initiatives specific to the program were introduced.

Operational Changes in 2009

St. Michael's Centre has improved our re-cycling program to insure that all recyclable material is placed in the proper container. Battery re-cycling is part of this program. We replaced our free standing copier with a net work copier /printer. We continue to replace our old lighting with more energy efficient lights.

Plans to Continue Reducing Greenhouse Gas Emissions 2010 – 2012

Our strategic plan will be updated in the near future and we will be considering including the importance of an effective carbon neutral planning process. This change will provide us with the opportunity to include the GHG emissions into our yearly goals. We plan to provide staff with information and education to the importance of reducing green house gas emissions and energy conservation. Other areas we are considering the following for 2010-2012:

- Provide a budget to allow for some GHG emission initiatives to be implemented.
- Review our paper usage, with a goal of increasing the use of paper which has greater percentage of recycled paper. *Provide a central location for documents online, such as policy manuals, to reduce the amount of paper used.
- Ensure all documents, where possible, are copied double sided.
- Form a facility wide committee, including management and union staff, to investigate potential plans to implement changes to reducing GHG emissions.

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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 <i>Greenhouse Gas Reduction Targets Act</i> .							
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	Ongoing/In Progress	100	% of vehicles are subject to regular maintenance for fuel efficiency	Service contract	Continue with service contract	2005	No End Date (Continuous)
Stationary Fuel Combustion, Electricity and Fugitive Emissions (Buildings)							
Retrofitting owned buildings							
Upgrade lighting systems during retrofits	Ongoing/In Progress	40	% of retrofits (captured above) had lighting systems upgrades	Upgraded florecent lighting to T4s	Continue upgrades with available funds.	2006	No End Date (Continuous)
Upgrade/adjust control systems during retrofits	Ongoing/In Progress	80	% of retrofits (captured above) had control system upgrades or adjustments	Connecting valves and controls to central building automation system.	Continue upgrades with available funds.	2006	No End Date (Continuous)
IT power management							
Replace computers with ENERGY STAR models during regular computer upgrades	Ongoing/In Progress	100	% of computers are ENERGY STAR rated	Replaced workstations	Replace servers	2009	No End Date (Continuous)
Appliances and electronic devices							
Replace refrigerators with ENERGY STAR models or source ENERGY STAR models for future purchases	Ongoing/In Progress	0	% of fridges are ENERGY STAR rated	Reviewed cost of purchase	Replace when funds made available	2009	No End Date (Continuous)
Supplies (Paper)							
Electronic media in place of paper							
Install collaborative software for electronic editing (e.g. SharePoint, Groove, etc.)	In Development			Initial investigation	Setup share file program	2010	2012
Use electronic document library for filing common documents	In Development			Initial investigation	Implement initial steps on share file program	2010	No End Date (Continuous)
Post materials online that were previously printed	Ongoing/In Progress	5	% of material on line	Post information for activities on line	Continue to add information to website	2010	No End Date (Continuous)
Behaviour change program							
Train staff to use collaborative software for electronic editing (e.g. SharePoint, Groove, etc.)	In Development			Initial investigation	Implement initial steps on share file program	2010	No End Date (Continuous)
Encourage re-use of scrap paper	Ongoing/In Progress	50	% of paper used			2010	No End Date (Continuous)