



Energy Efficiency Achievement

of the Clinical Administration Building (CAB)

at Trillium Health Partners (THP)

Summary of Topics to be Covered

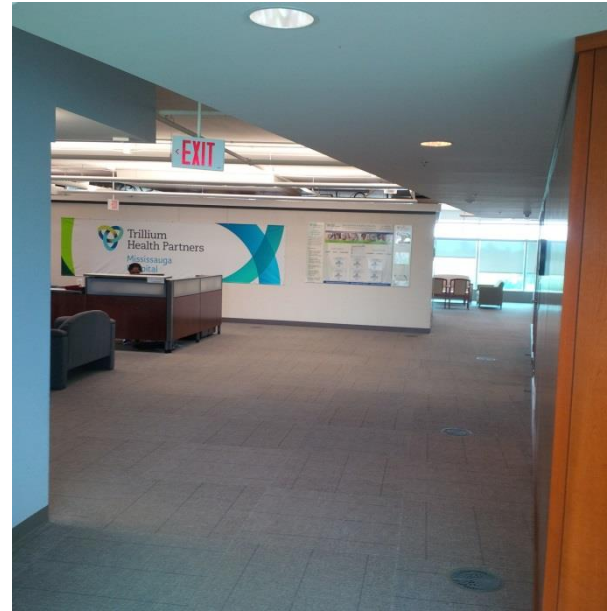
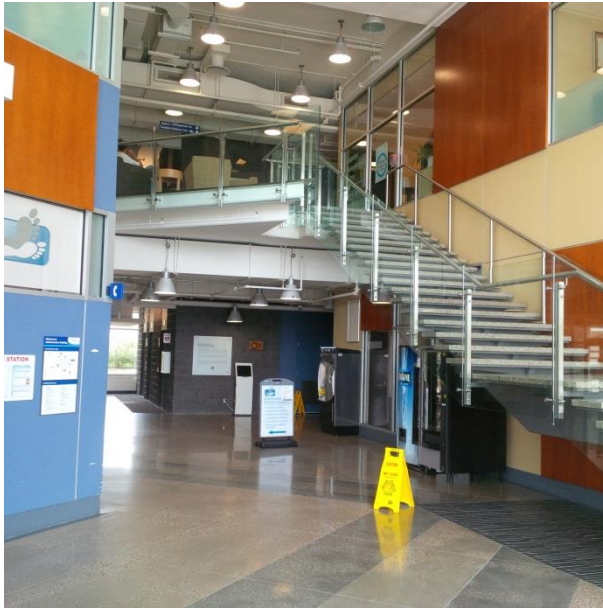
- ✓ Highlights of CAB
- ✓ CAB – Department Occupancy
- ✓ Overview of Achievement – CAB Gold Seal Award
- ✓ Contributions to CAB Success
- ✓ Other Initiatives at THP
- ✓ Awareness & Education
- ✓ THP Recent Events
- ✓ Future Plans
- ✓ Question?

CAB – Highlights



- Located at 15 Bronte College Court, Mississauga, ON
- 7 Story Office Bldg. with approx. Area 124,654 Sq. Ft. or 11,581 Sq. M.
- Beside the Mississauga Hospital and is a stand alone office bldg.
- Construction 2007
- Occupancy in Mid 2008, Level 6 & 7 occupancy 2012 & 2014
- Greening Health Care 5% Club Achievement Award - 2011
- LEED Gold Certification - Innovative Design - July 2012
- ISO 14001 Re-registration for 3 Years – May 2013
- Greening Health Care - Non-Hospital Gold Seal – May 2017

CAB – Department Occupancy



- Level 1: Foundation/Retail
- Level 2: Redevelopment/Diabetes Management Center
- Level 3: Org. Learning & Development/HR
- Level 4: Executive Offices
- Level 5: IT
- Level 6: Research/Strategy
- Level 7: Mississauga Academy of Medicine(MAM)

Greening Health Care – CAB Non-Hospital Award

CAB Energy Performance Summary

Energy Type (w/Reported Units)	2014 Consumption	2015 Consumption		Energy Type(w/Common Units)	2014 Consumption	2015 Consumption	% Variance
Electricity (kWh)	1,680,995	1,621,466		Electricity (GJ)	6,051	5,837	-3.5%
Natural Gas(Cu. M.)	118,715	109,019		Natural Gas(GJ)	4,542	4,171	-8.2%
Total	-	-		Total	10,593	10,008	-5.5%
				Total GHG Emissions (Tonnes of CO2e)	383	362	-5.5%



- Prior to 2015, CAB energy data was included in the score for the Mississauga Hospital (MH).
- Achievement of Highest GHS Score in the Non-Hospital Category and receiving Gold Seal from Greening Health Care.

Contributions to CAB success



- Trillium Health Partners (THP) focus on environmental improvement programs including Energy & Water Management, Waste Management , Hazardous Material Management, Air Quality, and Emergency Preparedness.
- Environment Protection Policy at THP
- Clearly defined objectives and goals for energy, water, and waste along with an action plan to achieve them.
- Senior Leadership support and participation.
- Continuous Improvements of THP Environmental Management System.
 - Previously ISO14001 Certified. Decision made to discontinue the ISO14001 registration in 2016.
- Efforts made by staff to reduce energy consumption.

Other Initiatives at THP



- In Fall 2015, THP Joined Smart Commute to encourage staff to car pool or use alternative modes of transport to work to alleviate site parking challenges.
- THP staff and patients use parking pay and display machines with solar panels.
- Security company(Paladin) uses hybrid patrol cars and patrolling the exterior by foot or bike from April to October.
- Buses transport patients, staff, and visitors between Mississauga Hospital, Credit Valley Hospital, and Queensway Health Centre from Monday to Friday during business hours.

Awareness & Education



- Monthly Awareness of Greening Tips for staff.
- Mandatory Environment Awareness Training program for all new staff.
- Employee outreach, engagement, and education to reinforce principles of sustainability at THP.
- Dedicated champion to enforce energy conservation and greening initiatives at THP.

THP Recent Events Held



- Earth Hour held in the evenings of March 24 & 25, 2017 to encourage staff to
 - ✓ Power down non-essential equipment.
 - ✓ Turn off extra lights in areas that do not need to be lit.
 - ✓ Turn off computers, copiers, and printers at work
- Earth Day Event held at each site on Friday April 21, 2017 with participation from THP staff and various utilities (See pictures below) to promote Greening at THP.



Future Plans at THP



- Recently publicized announcement to upgrade to a new Mississauga Hospital and Queensway Health Centre.
- Incorporating energy efficiency and environmental initiatives as part of new Hospitals upgrades.
- Monitoring and tracking energy, waste, and water to ensure THP objectives and goals are being achieved.
- Participation in Future Greening Health Care events.



Thank You !

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Questions ?