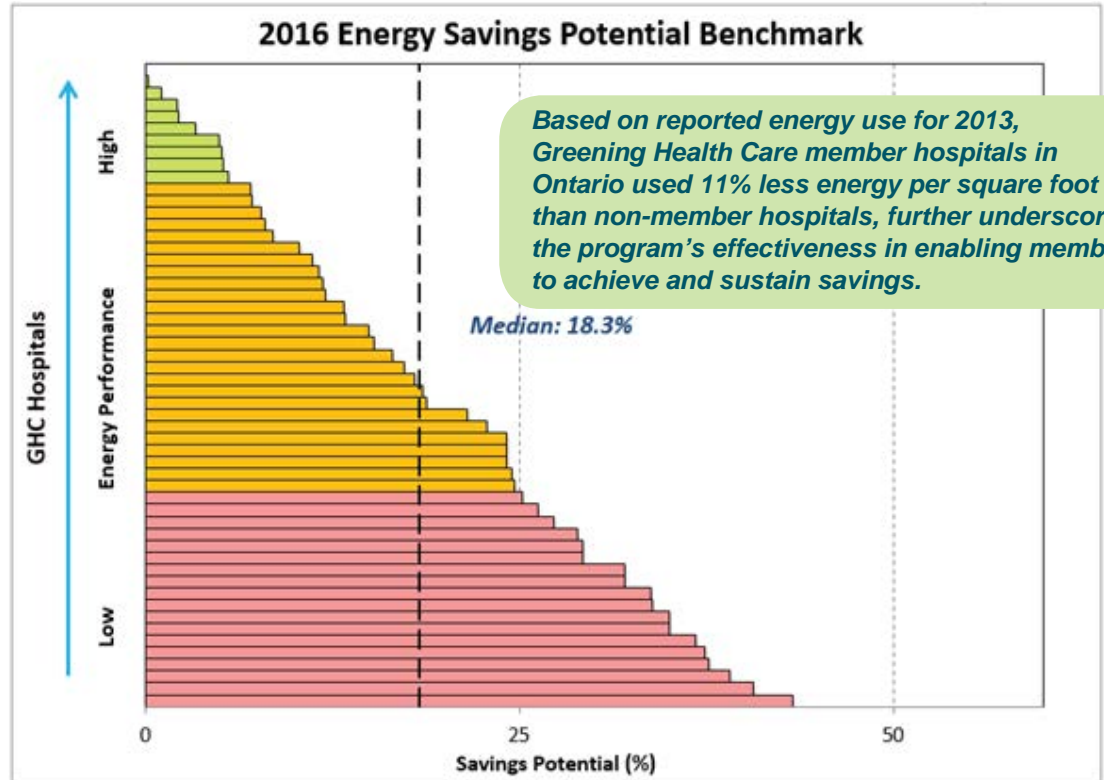


MEMBER ORGANIZATIONS:

- Alberta Children's Hospital, AB
- Alberta Health Services, AB
- Baycrest, ON
- Centre for Addiction and Mental Health, ON
- Chinook Regional, AB
- Cold Lake Health Care, AB
- Crowsnest Pass Health Centre, AB
- Drumheller Health Care, AB
- Grand River Hospital, ON
- Halton Healthcare Services, ON
- Headwaters Health Care Centre, ON
- Humber River Hospital, ON
- Kingston General Hospital, ON
- Mackenzie Health, ON
- Markham Stouffville Hospital, ON
- Michael Garron Hospital, ON
- Muskoka Algonquin Healthcare, ON
- North York General Hospital, ON
- Northern Lights, AB
- Ontario Shores, ON
- Orillia Soldiers' Memorial, ON
- Providence Healthcare, ON
- Red Deer Regional, AB
- Rockyview Hospital, AB
- Ross Memorial Hospital, ON
- Runnymede Healthcare Centre, ON
- Sacred Heart, AB
- Shared Services West, ON
- SickKids, ON
- Stevenson Memorial, ON
- Sturgeon Hospital, AB
- Trillium Health Partners, ON
- Waypoint Centre, ON
- West Park Healthcare, ON
- Westview Hospital, AB
- Wetaskiwin, AB
- William J. Cadzow Health Centre, AB
- William Osler Health System, ON
- Women's College Hospital, ON

Program Report

For the third straight year, Greening Health Care member hospitals generated record energy and water savings in 2016, worth a little over \$4,000,000 compared against the prior year 2015. 39 hospitals booked a combined total of 16,500 MWh of electricity savings, and 24 together saved 4,400,000 m³ (1,600,000 therms) of natural gas.



The biggest savings are yet to come! The Savings Potential chart for 2016 energy use shows a median of 18.3%, with a number of hospitals still using 50% more energy than they need.

Member hospitals that achieved their targets or came very close were awarded the Living City Energy Efficiency Leadership Award (GOLD status if the target was met, SILVER for those within 5%):

- Trillium Health Partners - Clinical Administration Building – SILVER
- Trillium Health Partners- Mississauga Hospital – SILVER
- Michael Garron Hospital – SILVER
- CAMH Russell Site – SILVER
- Huntsville District Memorial Hospital - SILVER

PROGRAM SPONSORS:



For more information on membership or sponsorship opportunities, contact:

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The 2016 Program

The 2016 program again featured four workshops and four webinars, including the 7th Annual Sustainability Forum. This full-day event brought together executives and facility managers from member and guest hospitals with technical and policy experts and utility company and industry leaders. The inspiring keynote address by Kathy Gerwig, Vice President with Kaiser Permanente and author of *Greening Health Care*, reminded everyone of the crucial role played by hospitals in sustainability.

The Executive Panel featuring Barb Collins, now CEO of Humber River Hospital and Marc Beaudry, Vice President of Corporate Services from Providence Healthcare and moderated by Anne-Marie Malek, CEO of West Park Healthcare continued this theme with their perspectives and expectations from the top. The panel provided unique insight into how sustainability is integrated into governance and management of their respective organizations.

The third workshop of the year was hosted by the new 1.8 million ft² Humber River Hospital, and featured a technical panel with representatives from the hospital, the facility management team and the design engineers. The panel discussed the process and challenges of creating the most energy efficient acute care hospital in Ontario.

In addition to energy and water use benchmarking, evaluation and monitoring, the 2016 program delivered current, practical knowledge on a range of topics including HVAC scheduling, cooling system retrofits and controls, recommissioning, and ventilation systems optimization. Case studies of Stevenson Memorial, Grand River, and the Centre for Addiction and Mental Health (CAMH) provided practical information and ideas. Benchmarking and targets enabled every hospital to know their energy and cost savings potential and where to focus their attention.

2016 Profile of Performance

Greening Health Care recognizes member hospitals that stand out in terms of energy savings achieved and how they are working to implement their conservation plans.



**North York
General Hospital**

North York General Hospital (member since 2004)

North York General has implemented two phases of AHU retrofit and scheduling projects over the past few years and the results are significant. 2016 electricity savings compared to 2013 were 9.1%, worth approximately \$264,000. The innovative redevelopment of two new patient floors incorporated highly efficient lighting and variable airflow ventilation.

Response to Regulations

Greening Health Care continues to provide the energy reporting required of Ontario hospitals since 2013 under Green Energy Act regulations for its members. Beginning in 2014 the regulation also required posting of formal Energy Conservation Demand Management (ECDM) Plans. As member hospitals work towards implementing their plans and meeting their targets, Greening Health Care continues to provide guidance and report on actions taken, progress made and how to find the remaining savings potential.

Advancing Knowledge – Greening Health Care

The results of the 2016 collaborative research project to determine best practices for operating room ventilation operation and controls were presented at the final workshop for the year, and the Best Practices Guide will be released at the 2017 Forum.

THE PROGRAM

Founded in 2003, Greening Health Care is the largest program of its kind in North America, helping hospitals work together to lower their energy costs, raise their environmental performance and contribute to the health and well-being of their communities. Members manage data, assess their performance and track savings using a powerful online system. They share knowledge and best practices through workshops, webinars and networking to help plan, implement and verify improvements. This is a program of The Living City managed by Toronto and Region Conservation.

www.greeninghc.com

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