

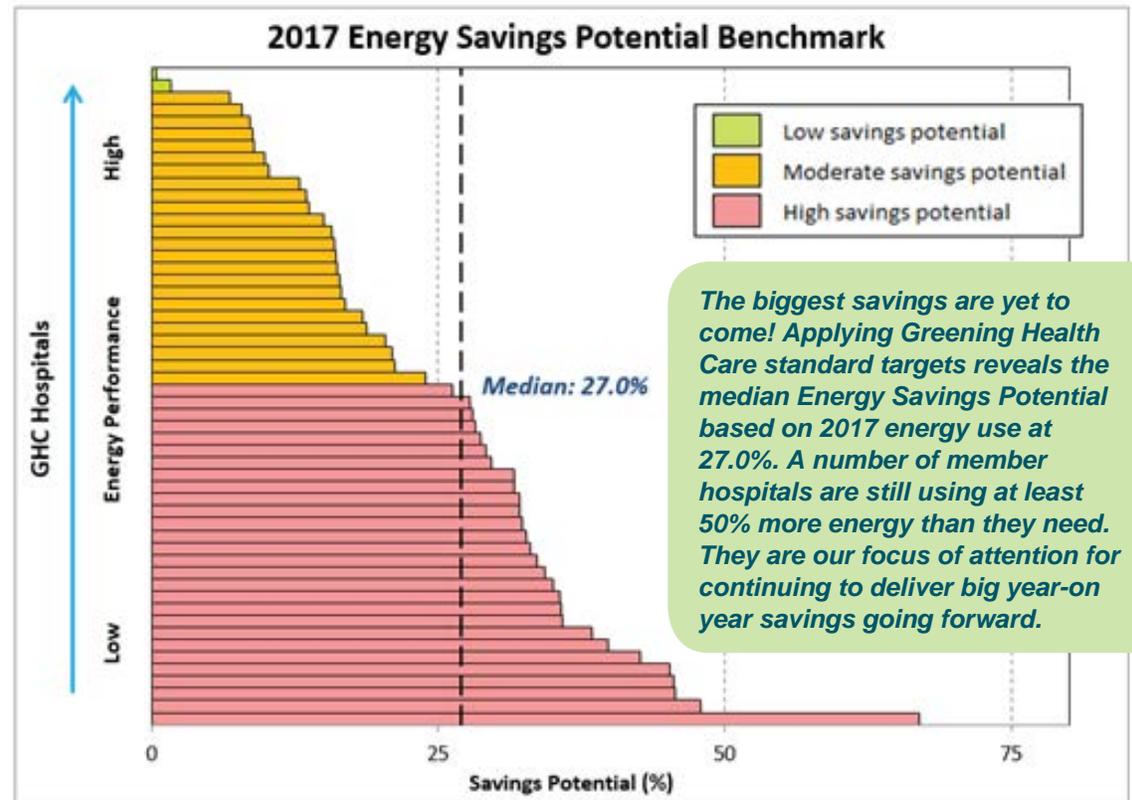
**MEMBER ORGANIZATIONS:**

- 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
- Credit Valley Hospital, ON
- Crowsnest Pass, 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
- Wetaskiwin Hospital, AB
- Waypoint, ON
- West Park Healthcare Centre, ON
- Westview Health Care, AB
- William Osler Health System, ON
- William J Cadzow Healthcare, AB
- Women's College Hospital, ON

# Program Report

*In 2017 the 55 Greening Health Care member hospitals saved over \$7 million in metered energy and water cost savings compared to the baseline from just three years earlier. This includes 32,175 MWh of electricity, 4 million cubic meters of natural gas, and 269,000 cubic meters of water.*

*Many have continued to improve year over year, leading to the launch of a new award in 2018: The Rising Star Award. Hospital sites that have reduced total energy by 20% or more over the past 5 years will receive this new award in 2018.*



## The 2017 Program

The 2017 program featured four workshops and four webinars, including the 8th Annual Sustainability Forum. The full-day Forum brought together executives and facility managers from member and guest hospitals with technical and policy experts and utility company and industry leaders. The forum kicked off with keynotes from Peter Kaftarian, Assistant Deputy Minister, Health Capital Division at the Ontario Ministry of Health and Long-term Care, and Curtis Lavoie, Emergency Medicine Physician, Division of Emergency Medicine from the Children's Hospital of Eastern Ontario. The Executive Panel, moderated by Anne-Marie Malek, CEO of West Park Healthcare, gave their perspectives on the importance and role of healthcare in environmental stewardship, and how sustainability is integrated into governance and management of their respective organizations. Management and technical panels followed with practical advice and case studies on turning vision into reality. Site tours were held the following day at Humber River Hospital and North York General, demonstrating their strategies and successes.

**PROGRAM SPONSORS:**



For more information on membership or sponsorship opportunities, contact:

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The third workshop of the year featured a Markham Stouffville Hospital case study with technical panel representatives from the hospital, local utilities and the Markham District Energy plant. The team discussed their process for working together to significantly reduce energy and water consumption.

In addition to benchmarking, targets and monitoring, the 2017 program delivered current, practical knowledge on a range of topics including

ventilation system best practices, fault detection and diagnostics, high performance cooling plants and interval gas and electricity data analysis. Case studies were presented on Trillium Mississauga, North York General, Orillia Soldiers' Memorial, Providence and Kingston General. Updated benchmarking, targets and savings reporting enabled every hospital to know their energy and cost savings potential, where to focus their attention, and the results of their efforts.

## 2017 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 energy and water efficiency plans.



**Markham Stouffville  
Hospital**

### Markham Stouffville Hospital (member since 2004)

In 2016, the hospital established a plant services committee with a focus on new projects to reduce energy consumption. Measures include rescheduling of fans, summer steam line shutdowns, and building automation system improvements. Results to date show savings of over \$400,000 in annual utility costs.

## Advancing Knowledge – Greening Health Care Applied Research

With a large number of member hospitals willing to share knowledge and information, and industry players ready to contribute their expertise, Greening Health Care is able to conduct focused applied research aimed at best practices in important areas of energy efficiency and operating performance of healthcare facilities. In 2016, Greening Health Care published its Best Practices for Operating Room Ventilation Systems Guide which is now in use for designing and retrofitting systems for safe indoor environments as well as energy efficiency. In 2017 we launched the Boiler Operation and Controls Best Practices research with 15 hospitals and strong industry support, and the Guide to be released in spring of 2018.

## Member Support

With its growing database of member hospital utility and facility information, Greening Health Care is always there to answer questions and provide energy and water related support, including the energy reporting required of Ontario hospitals since 2013 under Green Energy Act regulations. As members 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 potential savings.

### 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](http://www.greeninghc.com)

**GREENING HEALTH CARE IS  
MANAGED BY:**



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