

**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 Health Sciences Centre, ON
- Mackenzie Health, ON
- Markham Stouffville Hospital, ON
- Michael Garron Hospital, ON
- Muskoka Algonquin Healthcare, ON
- Niagara Health System, ON
- North York General Hospital, ON
- Northern Lights, AB
- Ontario Shores, ON
- Orillia Soldiers' Memorial, ON
- Red Deer Regional, AB
- Rockyview Hospital, AB
- Ross Memorial Hospital, ON
- Runnymede Healthcare Centre, ON
- Sacred Heart, AB
- Scarborough and Rouge Hospital, ON
- Shared Services West, ON
- SickKids, ON
- Sinai Health System, ON
- Stevenson Memorial, ON
- Sturgeon Hospital, AB
- Trillium Health Partners, ON
- Unity Health Toronto, 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

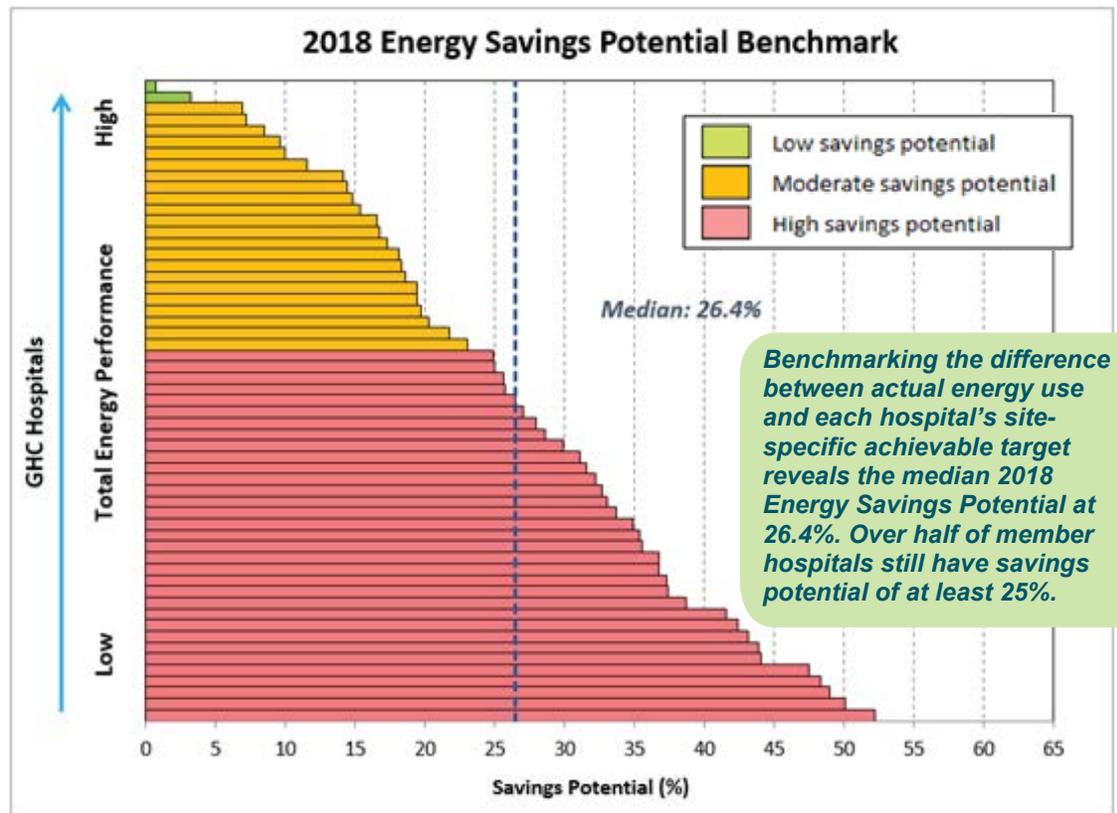
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## Program Report

*It was a year of growth for Greening Health Care, with 10 new hospitals joining the program. New member organizations included Sinai Health System, Unity Health Toronto, Niagara Health System, and Scarborough and Rouge Hospital.*

*In 2018, member hospitals continued to raise their energy performance, save money and reduce their carbon footprint with recorded savings of 5,141 tonnes of equivalent GHG emissions, \$1,800,000 in energy costs and nearly \$800,000 in water savings compared to 2017. These results made 2018 the fourth year in a row with more than \$2 million in utility cost savings compared with the prior year!*



## The 2018 Program in Review

Greening Health Care held four workshops and four webinars in 2018 including the 9th Annual Sustainability Forum held at Montecassino in Woodbridge. The Forum was the largest event of the year and featured hospital executives, facility managers, utility company representatives, and technical and industry leaders working together to explore evidence-based best practices, strategies, policy and program design.

The Forum kicked off with a keynote from Debbie Wadsworth of HOK Architecture, followed by the Executive Panel moderated by Jo-Anne Marr, CEO of Markham Stouffville Hospital. The panel 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. The Director's Panel complemented the discussion with their views

For more information on membership or sponsorship opportunities, contact:

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## THE PROGRAM

Founded in 2004, Greening Health Care is the largest and longest serving 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 through a powerful online energy management system. They share knowledge and best practices through workshops, webinars and networking to help plan, implement and verify improvements.

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



on how to turn vision into action through resourcing, making the business case for funding, staff engagement and training, and reporting back on success. The afternoon featured technical panels with practical advice on demand response, battery storage and best practices in building automation as well as resources available to the healthcare sector for getting things done. A site and study tour on Day Two at Markham Stouffville Hospital presented new data on the actual energy and water performance of new Ontario hospitals and recommendations for “getting it right the first time”.

Other workshops and webinars tackled ventilation systems, how to set rational energy and water targets, heating season gas performance and planning for success with energy efficiency and sustainability. Case studies included Baycrest, Drumheller Health Care, Brampton Civic Hospital, Grand River Hospital, and Alberta Children’s Hospital.

## Advancing Knowledge through Applied Research New Hospitals Energy and Water Performance

**Getting it Right the First Time: Actual Performance of Ontario’s New Hospitals**, was launched in July and featured an analysis of 2017 energy and water benchmarking of new P3 hospitals in Ontario and evidence-based recommendations for improvement. The results showed 4 of the 17 new hospitals operating at best-in-class efficiency levels, while the rest showed varying degrees of room for improvement. All these new hospitals have the technology to excel. Greening Health Care will continue to monitor their performance improvements and lessons learned over time so that all can reach their potential and future hospitals can consistently “get it right the first time”.

## Best Practices in Boiler Plants

**Best Practices for Boiler Plant Design, Operation and Control**, was published in September with an accompanying launch webinar. 15 member hospitals worked with the technical team, collecting information and data about their boiler plants for analysis and comparison with their natural gas consumption profiles. The paper delivered 8 best practice recommendations in plant configuration and design and another 7 in plant operation and control. It is available for any hospital considering boiler plant improvements. All research papers can be downloaded from the program website.

## Member Support

Greening Health Care’s member help-line answers questions and provides technical support. With the full history of each hospital’s utility and facility information in the program database and years of practical experience in monitoring savings and documenting success stories, the program assists with problem-solving, reporting, applications for external awards and continuity of knowledge when staff turn over.

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