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!
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.