



MAYORS' MEGAWATT CHALLENGE

Annual Forum 2017

Examining municipal Energy Conservation and Demand Management (ECDM) Plans; meeting GHG reduction targets

The Forum is our annual signature event, bringing together municipalities, government, utility companies, associations and industry experts to drive forward the energy and environmental performance of municipal facilities.

November 22, 2017 8:30 am - 4:00 pm [Black Creek Pioneer Village](#)



Cassie Campbell
Community Centre

Since 2013, Ontario's Green Energy Act Regulation 397/11 has required municipalities to publicly report annual energy use, and to post Energy Conservation and Demand Management (ECDM) plans every 5 years beginning in 2014. Forum 2017 provides a mid-term review, examining content and progress of existing municipal ECDM plans, and setting the stage for the 2019 reporting on savings achieved and updating of plans to incorporate new knowledge and targets.



"a great variety of speakers in technical panel sessions" "had very valuable conversations"

Attendee quotes from past Forums

The Mayors' Megawatt Challenge (MMC)

The Mayors' Megawatt Challenge brings together municipalities from across Canada to lower energy use, emissions, and operating costs in their own facilities, while demonstrating leadership in taking action towards more sustainable communities. Members manage data, assess their energy and environmental performance, set targets and track savings, using the largest online municipal database in Canada. They share knowledge and best practices through webinars and networking to help plan, implement and verify improvements.

The Town Hall Challenge

From 2012-2015 the Town Hall Challenge (a project under the MMC) led to substantial energy efficiency improvements in participating buildings, a number of which met the total energy use target of 20 kWh/ft² (68 kBtu/ft²). The methodology is guiding more municipalities to meet and exceed this standard of excellence.

The Community Centre Challenge

Our newest initiative, launched in 2016, works with member municipalities using a similar energy targeting methodology to determine the relative efficiency, and achieve the full conservation potential for community centres and recreational facilities.





MAYORS' MEGAWATT CHALLENGE

Program:

November 22, 2017 8:30 am – 4:00 pm

Registration opens at 8:00 am

- **Municipal ECDM Plans – Getting Ready for 2019**
 - » **Keynote address**
To be determined
- **Celebrating Success**

Member municipalities continue to register deep energy savings and produce top-performing facilities. Join the recognition of 2016 savings achieved, the presentation of the 2017 Living City Energy Efficiency Leadership Awards and the announcement of municipalities that have met the Town Hall Challenge target.
- **Executive Panel discussion**

This year's executive panelists will explore the goals, strategies and results of leading municipalities from their 2014 ECDM Plans. What have we learned, and how will the 2019 plans support achievement of municipal and provincial GHC reduction targets?

 - » **Ministry of Energy ECDM program update**
- **The Town Hall Challenge Continues**

A growing number of municipalities are meeting and surpassing this new standard of excellence in their flagship buildings. Learn about how data are used to uncover, design and verify improvements:

 - » Applying interval meter data diagnostics to highlight electricity savings opportunities
 - » Case studies of the most energy efficient facilities, and those making the biggest savings
 - » Scaling up the Challenge across Ontario using the Green Energy Act database
- **High-Performance Community Centres**

As the biggest energy user and source of emissions for most municipalities, community centers present unique challenges in quantifying and delivering conservation potential. Hear about the latest in analytics and best practices:

 - » Benchmarks, data-logging results and target-setting
 - » Case studies of top-performing facilities and the biggest savings in 2016
- **Technology Update: Fault Detection and Diagnostics (FDD) – potential and current state of practice**

Uncovering and correcting operations, maintenance and controls inefficiencies in HVAC systems has been and can be responsible for millions of dollars in savings. The FDD software finds the opportunities for you – continuously and automatically. This session brings together users and FDD service providers to examine the technology, performance improvements achieved and how the reporting has been integrated into organizational response to fault correction.

Register for this event:

[MMC 2017 Forum Registration Link](#)

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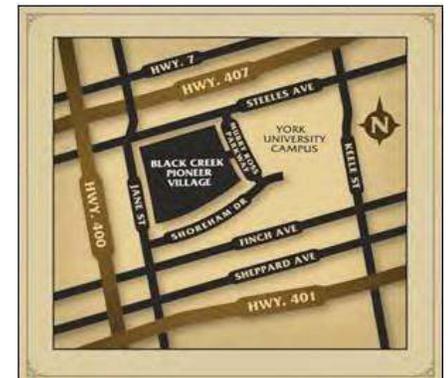
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Event Cost:

Members: Free
Non-Member Municipality, Government, Association or Utility Company: \$150
Other Industry Participant: \$250 (plus applicable taxes)

Location for this event:

Black Creek Pioneer Village
1000 Murray Ross Parkway
Toronto, ON M3J 2P3



Exhibitor space is available

Forum Sponsored by:



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