

## Ministry of Energy & Infrastructure: Grant Programs available to Ontario Municipalities

Office of Conservation & Strategic Policy

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## Municipal Eco Challenge Fund

A new three-year (to March 31, 2010)  
\$20 million grant program  
to help Municipalities  
undertake infrastructure projects that  
will conserve energy and reduce  
greenhouse gas (GHG) emissions.

## Municipal Eco Challenge Fund

Two distinct application streams  
depending on the type of project:

- ◆ Standard Retrofits
- ◆ Showcase/Demonstration Retrofits

## Municipal Eco Challenge Fund

- ◆ **A Standard Retrofit Project** — applies established measures, including energy audits, that conserve energy, and thereby reduce the GHG emissions attributable to an existing facility.
  - Maximum of \$100,000 per municipality over the life of the MECF program
  - Funding for each project may not exceed 25% of the eligible costs
  - Funding for each energy audit may not exceed \$10,000.00

## Municipal Eco Challenge Fund

- ◆ **A Showcase/Demonstration Retrofit Project** — demonstrates an emerging technology that has not been widely demonstrated, applied, or commercialized. With little to no market penetration and few competitors, these projects incorporate a high level of risk.
  - Maximum of \$500,000 per municipality for the life of the MECF Program
  - Funding for individual projects may not exceed 50% of eligible costs
  - Funding for feasibility studies will be provided to a maximum of \$10,000.00, only for projects selected for Showcase Project funding

## Municipal Eco Challenge Fund

- ◆ Showcase projects must encompass a “demonstration” component where key learnings and experience will be actively documented and shared. Retroactive funding for pre-retrofit feasibility studies is available for MECF-supported Showcase projects up to \$10,000.

## Municipal Eco Challenge Fund



- ◆ **Every municipality in Ontario is eligible to apply.** A complete list of eligible municipalities is included in the MECF Application Guide, available on the Ministry of Energy and Infrastructure (MEI) website.

## Municipal Eco Challenge Fund

- ◆ **Applications are accepted on an ongoing basis** and will be reviewed according to the schedule below, until all available funds are depleted.
- ◆ Any changes to the schedule will be announced on the MEI website.

Deadline	Tentative Funding Notification Date
October 10, 2008 — 5pm	Week of December 1, 2008
February 6, 2009 — 5pm	Week of March 17, 2009
June 12, 2009 — 5pm	Week of July 21, 2009
October 9, 2009 — 5pm	Week of November 24, 2009

**All projects must be completed before March 31, 2010.**

## Municipal Eco Challenge Fund

**For more information:**

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## Ontario Solar Thermal Heating Initiative (OSTHI)

A \$14.4 million fund (to March 31, 2011), that aims to encourage [organizations in the industrial, commercial and institutional \(ICI\) sectors](#) to convert to solar thermal heating.

## Ontario Solar Thermal Heating Initiative (OSTHI)

- ◆ Offers an Incentive of up to \$80,000 towards the installation of a solar water or air system
- ◆ Aligned with NRCan's *ecoENERGY Renewable Heat Program* (doubles incentive)
- ◆ Target is several hundred new solar water and solar air installations

## OSTHI: Town of Markham's Project

### Milliken Mills Community Centre

- ◆ Indoor swimming pool (157,000 gallons / 5400 SF).
- ◆ A small but efficient system uniquely designed with 18 seasonal collectors (80m<sup>2</sup>).
- ◆ Heats cold make up water. No pump required.
- ◆ Pool is 100% heated by free energy in a sunny summer day.
- ◆ Solar heat gain from 6am until sunset. Gains heat from environment in a warm day (ambient temperature over 75F) even after sunset & under cloudy sky.
- ◆ Incorporated with a pool drain heat recovery system to provide 80% of pool water heating load in summer.
- ◆ Quicker payback - <5 year (with incentive). No roof reinforcement was required.



## OSTHI: The Regional Municipality of York's Project

### Newmarket Health Centre

- ◆ 132-bed not-for-profit long term care facility.
- ◆ Solar Hot Water System
- ◆ 30 collectors / 130m<sup>2</sup> collector area.
- ◆ Will provide 33% (314 GJ) of annual hot water needs.
  - ↳ 50% for general use; 50% for kitchen and laundry.



## Ontario Solar Thermal Heating Initiative

### For more information:

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