

Future Energy: How to encourage co-ops to be part of the solution

1

Wot? The environment...

https://www.youtube.com/watch?v=3m5qxZm_JqM

2



**TransformTO: Climate Action for a Healthy, Equitable
and Prosperous Toronto**

**Target: reduce greenhouse gas emissions by
80% by 2050 using community ideas and
technical modelling to create a long-term
pathway to a low carbon future.**

3

Toronto's Greenhouse Emissions and Targets

**Toronto has ambitious greenhouse gas
Based on a baseline of 1990, Toronto's
targets are:**

- 6% reduction by 2012
- 30% reduction by 2020
- 80% reduction by 2050

Working Together to Prepare for the Future

We are already starting to experience the change in our city. Based on current projections, energy use will become more common in the future.

Reducing our emissions to address climate change is a global effort. We know that the biggest sources of greenhouse gas emissions are transportation, heating space and water in our buildings.



**The Agency for Co-operative Housing:
Future Energy**

The current provincial government has cancelled the Cap & Trade Act.

But the Energy and Water Reporting and Benchmarking has been saved, hopefully, and moved to the Electricity Act.

Buildings over 50,000 square feet must report. See www.ontario.ca/page/guide-energy-and-water-reporting



Agency for Co-operative Housing: Future Energy

New construction/design is good but we're dealing with retrofiting

- Learn about new materials including plant-based insulation and cladding
- Insulate and outulate
- LEDs and low flow toilets
- Variable frequency drives on all mechanicals
- Educate yourself about electronic controls

7

7



The Agency for Co-operative Housing: Future Energy

Take aways

Electrify everything

Any large capital work, have integrated planning so energy savings are built in

Have a sustainability policy

Ask your suppliers about their sustainability policy and choose based on this

Make sure that the co-op's investments do not support fossil fuels

Encourage co-op members; there's influence and power in community groups

Carbon offset

8

8