



Municipal Climate Change Programs Update

Clean Air Council

May 26, 2017

MINISTRY OF THE ENVIRONMENT AND CLIMATE CHANGE | MINISTRY OF ENERGY

Outline

1. **Municipal Guidance and the Coordinated Provincial Plans Review**

// Heather Watt, Ministry of the Environment and Climate Change

2. **Municipal Action Plan Program**

// Shauna Calnitsky, Ministry of the Environment and Climate Change

3. **Overview of the Municipal Energy Plan Program**

// Mike Brophy, Ministry of Energy

Municipal Guidance and the Coordinated Provincial Plans Review

Municipal Guidance on GHG Inventories and Community Energy and Emissions Plans

- MOECC worked with MMA and other partner ministries throughout the Coordinated Provincial Plans review. Final Plans were released May 18, 2017.
- New policies in the Growth Plan for the Greater Golden Horseshoe require municipalities to incorporate climate change policies into their official plans.
- Specific direction encourages municipalities to develop GHG inventories, set interim and long term emission reduction targets and performance measures, and develop emission reduction strategies.
- MOECC has committed to developing Guidance that will assist municipalities in implementing proposed provincial direction on climate change action planning.
- The Guidance will support the new Plans made under the Review, as well as the new Municipal Action Plan Program (MAPP) under the 2016 Climate Change Action Plan.

Municipal Guidance on GHG Inventories and Community Energy and Emissions Plans

- MOECC has procured Sustainability Solutions Group (SSG) to assist with the development of Guidance which will specifically outline a process for completing GHG inventories, setting emission reduction targets, and developing community energy and emissions reduction plans.
- It is anticipated that the Guidance will:
 - contain relevant methodology information, as well as a series of resources, best practices, and case studies;
 - at minimum, focus on land use and infrastructure planning (buildings, transportation, energy) as well water and energy conservation, waste management, and municipal corporate operations;
 - Specifically make a connection between community energy and emissions reduction plans and land use and infrastructure planning and decision making tools to ensure effective implementation (i.e. municipal official plans, zoning by-laws, corporate strategic plans, asset plans);
 - Outline a series of performance measures which will provide an indication of whether municipalities have met the intent of proposed provincial land use policies and CCAP actions related to climate change; and
 - Provide an overview of implementation, monitoring and funding mechanisms (i.e. connections to existing programs) that municipalities should explore to achieve the intended outcomes.

Municipal Action Plan Program (MAPP)

Municipal Action Plan Program

- Ontario's Climate Change Action Plan
"Ontario intends to fund the development of Community Energy Plans and Climate Action Plans (and their supporting data) with greenhouse gas pollution inventories for municipalities and First Nation and Métis communities that currently do not have these plans. These programs would include training and guidance to help communities access energy use data for their community energy planning and mapping."
- Support for the development of community energy plans and climate action plans is currently being referred to as the Municipal Action Plan Program (MAPP; final name TBC).
- The program is intended to provide support and guidance for municipalities who do not currently have such plans in place.



MAPP Preliminary Design

- At minimum, plans would include:
 - GHG inventories
 - GHG targets
 - plans/strategies to achieve targets.
- The Guidance (described earlier) will provide MAPP funding recipients with detailed instruction on *how to* successfully develop GHG inventories, targets, and plans.
- ENERGY's existing Municipal Energy Program structure (website, guidelines, applications) and established relationships will be leveraged to develop the new MAPP in 2017.
- Approach to integrating MEP and MAPP is under discussion.

Municipal Energy Plan (MEP) Program

Municipal Energy Plan Program

- A Municipal Energy Plan (MEP) is a comprehensive plan designed to align energy, the built environment and land use planning to identify community-wide energy efficiency and green energy options and support economic development opportunities.
- A MEP encompasses all of the energy used in the community, including residential, commercial, industrial, and public sector as well as transportation energy.
- The MEP process includes developing a municipal GHG inventory which will support Climate Change Action Plan initiatives.
- A MEP will support local conservation and renewable energy, regional energy planning, Ontario's Conservation First policy, 2013 Long-term Energy Plan, and 2014 Provincial Policy Statement energy and land-use objectives.
- A MEP is voluntary and differs from requirements under O. Reg. 397/11 for public sector agencies, including municipalities, to report annually on their energy consumption and GHGs and prepare Energy Conservation and Demand Management (CDM) Plans every five years.

Municipal Energy Plan Program (cont'd)

- The MEP program is available to all Ontario municipalities with an ongoing application intake and review.
- There are two funding streams:
 1. Municipal Energy Plans
 - Up to two years to complete the three program stages: stakeholder engagement, gathering and analysis of baseline data (energy mapping) , and creation of the MEP.
 - Up to 50% of eligible costs up to a maximum of \$90,000.
 2. Enhance an Existing Energy Plan
 - Up to one year for updating or expanding an existing energy plan (eligible projects include plan related studies, new energy mapping, initiatives supporting implementation, additional public consultations). Projects must be within the scope of the program.
 - Up to 50% of eligible costs up to a maximum of \$25,000.

FUNDING FOR YOUR
NEW ENERGY PLAN:

UP TO **\$90,000**
PER COMMUNITY

2 YEARS TO COMPLETE THE
COMMUNITY ENERGY PLAN

FUNDING TO UPDATE YOUR
EXISTING ENERGY PLAN:

UP TO **\$25,000**
PER COMMUNITY

12 MONTHS TO UPDATE AN EXISTING
COMMUNITY ENERGY PLAN

Municipal Energy Plan Program Participants to Date

1. Municipality of Bayham
2. Town of Caledon
3. Municipality of Chatham-Kent
4. Durham Region
5. City of Guelph
6. City of Kenora
7. City of Kingston
8. City of London
9. City of Markham
10. Municipality of Middlesex Centre
11. Town of Newmarket
12. Sault Ste. Marie
13. Municipality of Sioux Lookout
14. City of Temiskaming Shores
15. City of Toronto
16. City of Vaughan
17. Region of Waterloo
18. Municipality of Wawa
19. City of Woodstock
20. City of Windsor



Apply to the Municipal Energy Plan Program

- Creating a community energy plan now will position your municipality well to seize energy and climate change opportunities
- The ministry is accepting applications on an on-going basis
- For more information about the program and links to the application materials, please visit: <http://www.energy.gov.on.ca/en/municipal-energy/>
- MEP program staff can be reached via email at MEP@ontario.ca

Example: City of Temiskaming Shores Municipal Energy Plan

- Began its Municipal Energy Plan in 2015
- Has become more aware of its energy use and services
- Has found ways to be more energy efficient (e.g., LED street light retrofits, conversions to smaller pumps and motors in environmental facilities, and more efficient heating systems)
- Has resulted in significant savings on utility bills
- Has increased its public transit service in order to reduce the number of vehicles being used