

CASE STUDY: WOODSTOCK COMMUNITY ENERGY PLAN

Client: City of Woodstock, Ontario, Canada

OVERVIEW

The Ministry of Energy (MOE) launched the Municipal Energy Plan (MEP) program in 2013 in order to support local energy planning efforts in Ontario. In 2014, the City of Woodstock retained Lura Consulting to assist with the development of its Community Energy Plan.

SERVICES

Lura Consulting was retained to lead the development of a Community Energy Plan (CEP) for the City of Woodstock. The project involved:

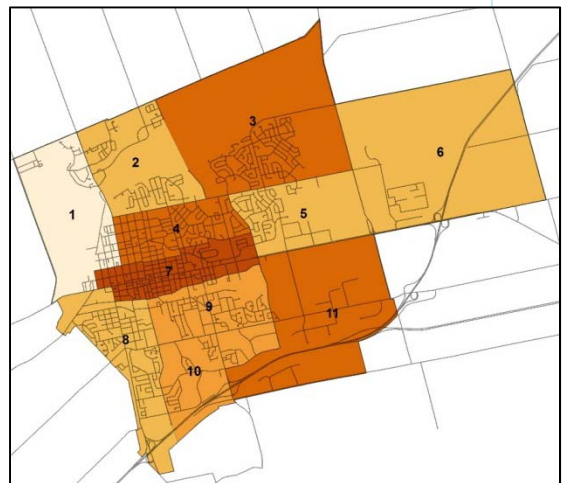
- Establishing and facilitating a Stakeholder Advisory Group;
- Coordinating data collection and mapping;
- Resolving data issues;
- Developing actions and strategies; and
- Preparing the CEP document.



RESULTS

The project involved the development of energy use maps organized under nine Planning Districts created to align with City planning.

The CEP includes total energy use, energy intensity, electricity, natural gas, heating demand and cooling demand maps for the community as a whole. The process integrated scenario based planning and forecasting. The City of Woodstock's plan provides an exciting opportunity to implement strategies that move towards Oxford County's vision to be 100% renewable by 2050.



The CEP calls for action from multiple stakeholders to advance sustainable and renewable energy objectives in the City of Woodstock by:

- Reducing total energy use by 26% from 2013 baseline by 2031; and
- Reducing GHG emissions by 25% from 2013 baseline by 2031.