



Memorandum

To: Mayor and Members of Council

From: Sabrina Guvenc, Laura Campbell

Date: Monday, March 17, 2025

RE: Energy Management and Conservation Plan Refresh 2024-2029

King has developed its updated Energy Conservation and Demand Management (CDM) plan for the period from 2024 to 2029, in compliance with Ontario Regulation 25/23. This regulation mandates that Broader Public Sector (BPS) organizations create and update their CDM plans every five years.

The revised CDM plan builds on the Township's previous conservation and demand management initiatives as outlined in past plans. It leverages the experience gained over the last five years in energy conservation and demand management. Additionally, the update supports King's transportation and fleet asset management plans while incorporating emissions reduction goals and targets. The plan outlines current corporate emission levels, highlights accomplishments achieved from 2019-2024 and incorporates a new action section to lower corporate emission and energy demand.

In 2019, following the declaration of a Climate Emergency, King Township set its Greenhouse Gas emissions reduction targets based on the 2012 emissions total of 1,406.19 tCO₂e (Metric Tonnes of Carbon Dioxide Equivalent). This baseline guides future reduction measurements.

- In 2023, the Township's total emissions were 1,353.42 tCO₂e.
- To achieve the 2030 target of 632.7 tCO₂e per year, the Township must reduce 720.72 tCO₂e over seven years (2023-2030), requiring an average annual reduction of 102.96 tCO₂e starting from 2023.

The previous plan details significant achievements in energy efficiency from 2019 to 2023, including:

- Building a Carbon Neutral Recreation Centre
- Complete Trisan and Nobleton Arena Recommissioning and Energy Reduction Projects
- Expand Alternative Fuel Fleet
- Install Solar Electric Generation

Energy Management and Conservation Plan Refresh: 2024-2029

The updated plan features a new list of actions that are separated into three categories:

1. General corporate energy efficiency actions
 - a. ex. Development of Corporate Energy Conservation Team, Expand Energy Reporting and Distribution,
2. Fleet policies
 - a. ex. Right Sizing policy, Alternative Fuel Fleet Policy,
3. Facility Specific Operational Actions
 - a. Ex. Installation of Air source Heat Pumps, Lighting and HVAC automation and scheduling.

Building on past successes, the plan integrates new strategies to reduce emissions and energy demand, supporting broader goals in transportation, fleet management, and facility operations. With clear targets and a structured approach, King Township is well-positioned to achieve significant reductions in greenhouse gas emissions and enhance energy efficiency over the next five years.

Sabrina Guvenc
Climate Change Coordinator
Community Services

Laura Campbell
Supervisor, Environmental Outreach & Sustainability
Community Services

Attachment: King Energy Management and Conservation Plan Refresh: 2024-2029