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EDWARDSBURGH CARDINAL

Energy Conservation and Demand Management Plan 2024-2029



Overview

Tree House Energy Services

Background

Goals and Objectives

Baseline Energy and Emissions

Future Conservation Measures

Energy Reduction Target

Q and A



“Tree House advises on climate care through decarbonization, primarily in the building energy sector with a practice based on net zero emissions.”



Services

Net Zero Strategies and Program Management

Integrated and Custom Studies

Project Management

Ancillary Services



Background

Current Regulations: O. Reg. 25/23

Facilities Required to Report

<https://www.ontario.ca/laws/regulation/r23025>

Background

Previous CDM Plan, 2019-2023

Spencerville and Ingredion Centre
-New LED Arena Lights

Spencerville Arena
-New Arena Dehumidifer

Cardinal and Spencerville Fire Halls
-New LED Interior Lights



Goals and Objectives

Energy Efficiency, Conservation and Cost Recovery

Energy Awareness and Culture

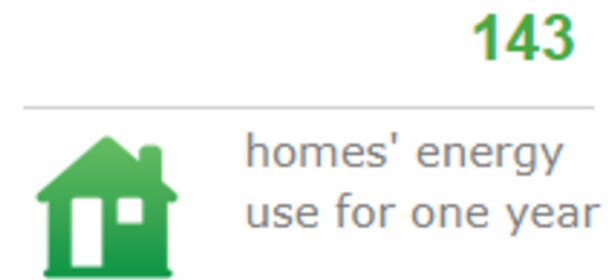
Policy

Reduction Target*

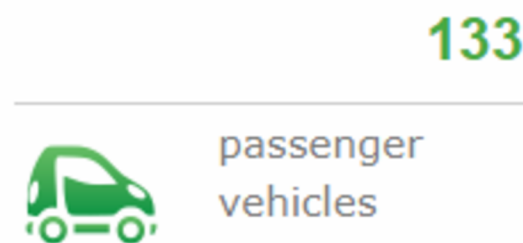


Baseline Energy and Emissions

Energy Consumption Baseline

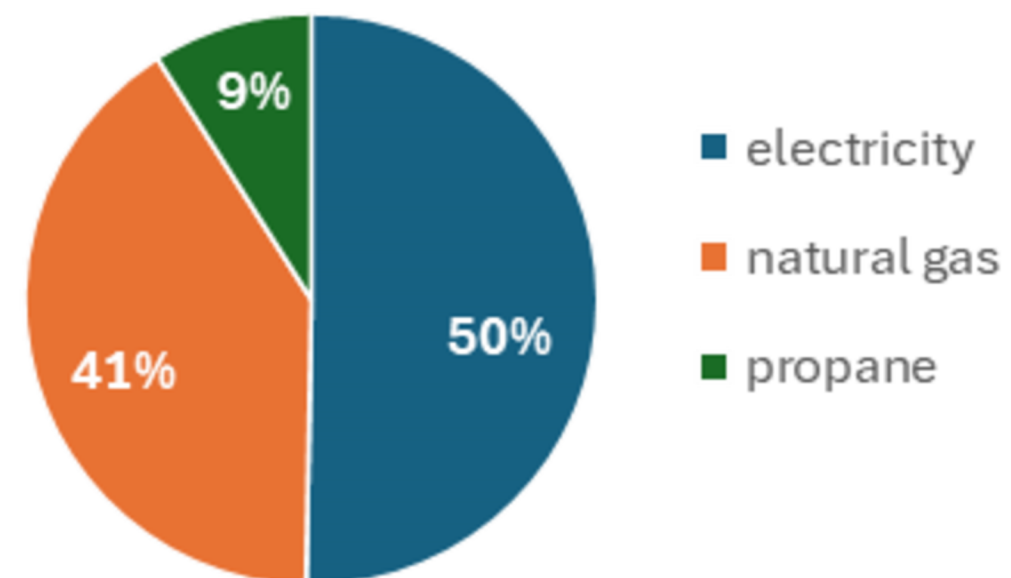


Emissions



Energy use Types

Energy Use Breakdown by Fuel Type 2023



Future Energy Conservation Measures

Major Measures

- Overhaul Arena Compressor
- Investigate Advanced Controls for Rooftop Units
- Investigate Rooftop Solar PV
- Retrofits of Lighting for Various Facilities



Energy Reduction Target

1-5%



Thank you and Q/A

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