



2020 to 2023 Business Plan

Service: Energy Conservation

\$0.00

Cost per day for the average rate payer (2020 to 2023)

0.01%

Percentage of the 2020 to 2023 City of London Net Property Tax Supported Budget

Who we are:

- Corporate Energy Conservation (Environmental Programs) works in collaboration with other key stakeholders in the Corporation on energy and environmental projects and initiatives.
- Energy Conservation applies practical municipal and private sector experience with a focus on climate change mitigation and adaptation, energy planning and energy reduction focusing primarily on City-owned infrastructure (e.g., wastewater treatment, water distribution, landfill) and related operations.
- This business area's key focus is on Energy Conservation leadership and playing a key role in the Corporate Energy Management Program which is jointly managed by Environmental Programs (Environmental & Engineering Services), Facilities, Corporate Asset Management and Purchasing and Supply (Finance and Corporate Services).

What we do:

- Corporate Energy Conservation contributes towards the protection of the local environment and the reduction of climate change impacts from City infrastructure and operations (primarily utilities). The City provides technical analysis, education and staff engagement services.

Why we do it:

- The purpose is to contain and reduce the financial impacts of energy costs to the Corporation and reduce environmental impacts from energy use in corporate facilities and operations.
- Reducing costs, containing costs and impacts is achieved through the implementation of energy conservation and demand management projects and design principles in existing and new facilities; the implementation of cost-effective renewable energy technologies; and leading the development of a culture of conservation within the Services Areas of the Corporation. Further, in response to Council's declaration of a Climate Emergency, the initiatives undertaken will influence and assist the actions undertaken by City staff towards climate change mitigation, adaptation and other related environmental objectives.

The following table provides an overview of the budget for this service:

Budget Summary (\$000's)	2020	2021	2022	2023	2020 to 2023 TOTAL
Gross Operating Expenditures	\$163	\$163	\$164	\$164	\$654
Other Revenues	-\$67	-\$67	-\$69	-\$70	-\$273
Net Tax Levy Supported Operating Budget	\$96	\$96	\$95	\$94	\$381
Total Capital Expenditures	\$0	\$0	\$0	\$0	\$0
Full-Time Equivalents (FTE's)	1.0	1.0	1.0	1.0	N/A

Reflects 2020 to 2023 Council Approved Budget - January 12, 2021.

The following section provides an overview of the key activities the service plans to undertake from 2020 to 2023 to implement the Corporation's 2019 to 2023 Strategic Plan, as well as an overview of the risks and challenges the service is anticipated to experience during this period:

Service Highlights 2020 to 2023

- Development and implementation of the 2019-2023 Corporate Energy Conservation and Demand Management (CDM) Plan. This will include implementation of over 30 actions in 4 years including a longer term plan that covers Provincial and Federal long-term planning horizons.
- Development and implementation of the updated Green Fleet Plan.
- Address Council's Climate Emergency Declaration through actions and reporting.

Risks and Challenges Anticipated in 2020 to 2023

- The Provincial Government has significantly reduced resources allocated for climate change mitigation, which has resulted in fewer programs and incentives to assist the City of London with energy conservation and fleet greening activities.
- The upcoming Federal Election might result in a new Federal Government that may also reduce resources allocated for climate change mitigation.

The service directly supports the following components of the Corporation’s 2019 to 2023 Strategic Plan:

Building a Sustainable City

London has a strong and healthy environment.

Expected Result: Conserve energy and increase actions to respond to climate change and severe weather.

Strategy:

- Develop and implement the next Corporate Energy Management Conservation & Demand Management (CDM) Strategy. (BSC-22)

Metric	2019	2020	2021	2022	2023
100% completion of CDM Strategy (2019-2023)	100%	0%	0%	0%	0%
100% completion of CDM Strategy actions.	0%	5%	25%	50%	20%
100% completion of the updated Green Fleet Plan.	100%	0%	0%	0%	0%
25% reduction in corporate energy use on a per person basis compared to 2007.	21%	0%	1%	2%	1%
70% reduction in greenhouse gas generation levels from 2007 levels.	64%	0%	2%	3%	1%

Other reference information:

- Corporate Energy CDM Plan – Available from Sneha Madur at smadur@london.ca or 519-661-2489 ext. 5695.
- Green Fleet – Available from Steve Mollon at smollon@london.ca or 519-661-2489 ext. 5573.

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