



# City of Mississauga Corporate Green Building Standard

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Prepared on: December 30, 2019  
Corporate Services  
Facilities & Property Management  
Energy Management





# 1. Introduction

## 1.1. Scope

The City of Mississauga’s (the City) Corporate Green Building (CGB) Standard is a set of performance requirements that applies to new construction and major renovation in City-owned and operated buildings of the following archetypes:

- Office
- Fire Hall
- Library
- Recreation Centre
- Ice Rink
- Swimming Pool
- Transit Station
- Transit Repair Station

For the purposes of this standard, “major renovation” refers to extensive alteration work to an existing building to the extent such that the primary function of the space cannot be used for its intended purpose while the work is in progress and where a new certificate of occupancy is required before the work area can be reoccupied.

## 1.2. Intent

The intent is to promote environmentally, financially, and socially responsible practices in building design and construction. It is intended to be a standard and a guide for the City, design, and construction teams to deliver high-performance buildings with market-leading design, construction, and operations practices.

## 1.3. Environmental Performance Areas

The CGB Standard Is organized into the following environmental performance areas:

Energy and Climate Change	Materials	Transportation
<ul style="list-style-type: none"> <li>• Energy and emissions performance</li> <li>• Building commissioning</li> <li>• On-Site renewables</li> <li>• Air tightness</li> <li>• Metering and benchmarking</li> <li>• Resilience performance requirements</li> </ul>	<ul style="list-style-type: none"> <li>• Low-impact materials</li> <li>• Embodied carbon footprint</li> <li>• Ozone depleting compounds</li> </ul>	<ul style="list-style-type: none"> <li>• Electric vehicle infrastructure</li> <li>• Bicycle infrastructure</li> </ul>
Waste	Water	Natural Heritage
<ul style="list-style-type: none"> <li>• Construction waste management</li> </ul>	<ul style="list-style-type: none"> <li>• Stormwater management</li> <li>• Water use intensity</li> </ul>	<ul style="list-style-type: none"> <li>• Erosion and sediment control</li> <li>• Light pollution</li> <li>• Biodiversity</li> </ul>

## 1.4. Structure

The following documentation forms the CGB Standard:

- Corporate Green Building Standard Reference Guide: Provides an overview of the requirements and deliverables for each environmental performance area under the CGB Standard
- Corporate Green Building Standard Program Manual: Provides additional details regarding each environmental performance area under the CGB Standard, including the intent, background, requirements, deliverables, guidance, additional resources, and the energy modelling guidelines
- Archetype Energy Modelling Report for Corporate Green Building Standard: Energy modelling study for the eight (8) City building archetypes used to develop energy and greenhouse gas emissions targets in the CGB Standard
- Corporate Green Building Standard Checklist: Is a Microsoft Excel-based checklist to be utilized by project teams to confirm compliance
- City Of Mississauga Commissioning Consultant Scope
- City Of Mississauga Energy Modeling Consultant Scope