

*ELECTRICITY ACT, 1998*

ONTARIO REGULATION 507/18: BROADER PUBLIC SECTOR: ENERGY REPORTING AND CONSERVATION  
AND DEMAND MANAGEMENT PLANS

ENERGY CONSUMPTION AND GREENHOUSE GAS EMISSIONS REPORT

CITY OF THUNDER BAY

June 07, 2022

In 2018 the Ministry of Energy, Northern Development and Mines enacted, under the *Electricity Act, 1998*, Ontario Regulation 507/18: Broader Public Sector: Energy Reporting and Conservation and Demand Management Plans to help public agencies including municipalities, hospitals, and schools manage and reduce their energy consumption. Under this Regulation, public agencies are required to report on their annual energy consumption and greenhouse gas emissions for prescribed facilities. The regulation also requires the development and implementation of conservation and demand management (CDM) plans every five years starting in 2014.

The data reported in 2022 is for the 2020 calendar year (January 1, 2020 to December 31, 2020). It should be noted that due to the Coronavirus (COVID-19) Pandemic, normal operations at many City of Thunder Bay facilities were significantly limited for the reporting year of 2020, thereby skewing the energy consumption data contained within this report.

O. Reg 507/18 outlines the operations for which the municipality is required to report on its energy use and greenhouse gas emissions and prepare CDM plans. The list of prescribed operations for which the municipality must report are:

- Administrative offices and related facilities including municipal council chambers
- Public libraries
- Cultural facilities, indoor recreational facilities and community centres, including art galleries, performing arts facilities, auditoriums, indoor sports arenas, indoor ice rinks, indoor swimming pools, gyms and indoor courts for playing tennis, basketballs or other sports
- Ambulance stations and associated offices and facilities
- Fire stations and associated offices and facilities
- Police stations and associated offices and facilities
- Storage facilities where equipment or vehicles are maintained, repaired or stored
- Buildings/facilities or facilities related to the treatment or pumping of water or sewage
- Parking garages

The prescribed operations must also be conducted in a building/facility that the municipality owns or leases, and the municipality must be issued and be responsible for paying the utility invoice.

The City of Thunder Bay facilities and energy consumption portfolio also includes other operations that were not included in the prescribed list of required reporting. Facilities and operations that were not included are:

- Outdoor pools and operations
- Homes for the Aged

- Tourism facilities and signage
- Animal Services facilities
- Commercial facilities
- Seasonal parks
- Waterfront facilities
- Conservatory
- Cemeteries
- Golf facilities and operations
- Daycares
- Stadiums
- Parking lot lighting
- Streetlighting
- Flashing lights and traffic control lighting
- Other outdoor lighting

As a result, the energy consumption and greenhouse gas emissions reported through O. Reg 507/18 is not inclusive of all the operations and facilities within the City of Thunder Bay's energy consumption portfolio.

For more information on the City of Thunder Bay's energy consumption, the Energy Consumption and Greenhouse Gas Emissions report and energy management initiatives within City operations, please contact Vanessa DeGiacomo-Zwadesh at 807-684-2510 or email at [vanessa.degiacomo-zwadesh@thunderbay.ca](mailto:vanessa.degiacomo-zwadesh@thunderbay.ca).



