

Attachment 2

Committed Initiatives and Future Considerations by Sector

Existing Policy/ Policy Levers and Practice

- Updated the Corporate Energy and Emissions Reduction Strategy
- Updating the Green Buildings Policy
- Exploring the development of an Energy Efficient Equipment Selection Policy
- Updating the Low Carbon Fleet Policy
- Developing a Vehicle Needs Assessment Form

Buildings Sector

- Replaced domestic hot water heater at Engineering Operations with electric on-demand water heater
- Repaired and recommissioned the heat recovery chiller at the Anvil Centre
- Opened the new Sportsplex, which operates on 100% electric energy
- Began an ice plant compressor replacement project at Queens Park Arena and Moody Park Arena
- Building internal awareness across departments about the CEERS recommendations and how all future facility projects need to contribute toward the elimination of GHG results
- Replacement of Canada Games Pool
- Continued implementation of energy efficiency and electrification opportunities identified in existing ASHRAE Level 1 energy study
- Commitment to an ASHRAE Level 1 energy study on remaining City buildings within 5 years

Vehicle Fleet Sector

- Purchased a fully electric UTV (utility task vehicle)
- Purchased a fully electric Chevy Bolt
- Four hybrids purchased in 2020 and ten planned for 2021 – these will replace current internal combustion engine vehicles
- Electric Ford Transit Vans are being explored
- Electric vehicle charging infrastructure
- EV infrastructure deployment strategy development (Green Fleet Action Plan)

Lighting Sector

- Replacing metal halide lighting with LED retrofit kits along multi-use pathways
- Existing streetlights requiring new fixtures are being replaced with LEDS

- HPS bulb failures in existing streetlights are replaced with bulbs rather than new fixtures to maximize the assets useful life and significantly reduce costs
- LED light installations are a requirement for new development and capital projects. This will significantly reduce electricity consumption, extend the service life of the luminaires, and reduce maintenance costs.

Water & Wastewater Sector

- Aging pump station equipment (i.e., motors) will be replaced with high efficiency models as older equipment is phased out or repaired.