

Energy Transition Strategy Action Areas

Pathway	Action Area	Operating /Capital	Description
Renewable and Resilient Energy Transition	Renewable Energy Solutions (Gas)	Operating	Purchasing renewable natural gas (RNG) for civic operations.
	Renewable Energy Solutions (Electricity)	Operating	Purchasing renewable energy certificates (RECs) for civic operations for 100% of electricity consumption.
	District Energy Strategy	Operating	Operational funding for the design and delivery of district energy.
	Street & Park Light Replacement	Operating	Older street lights with high-pressure sodium (HPS) technology near the end of their lifespan are converted to LEDs in neighbourhoods and arterial roads not scheduled for reconstruction.
	Maintenance of Solar Systems	Operating	Ongoing/preventative maintenance of solar systems, anticipated demand calls for service, and additional training for rooftop solar.
	District Energy Strategy	Capital	Capital funding for the design and delivery of district energy.
Emission Neutral Buildings	Climate Competency	Operating	Training development and additional staff resources.
	Emission Offsets	Operating	Emission offsets required to meet the corporate 2040 carbon neutral target.
	Affordable Housing Transition Initiatives	Operating	Green energy solutions for affordable housing.
	Emission Neutral Buildings	Operating	Building Owners and Managers Association (BOMA) BEST certification (corporate wide), LEED & Building Energy Management Programs.
	City Facility Retrofits	Capital	For deep energy retrofits on City buildings, to ensure that all facility rehabilitation planned for in each budget cycle has the incremental capital to implement deep energy retrofits (i.e. switching heating systems, energy efficiency improvements, major retrofit and/or upgrades/replacements of building envelopes and mechanical components, etc). The scope is limited to City buildings and facilities, and does not include funding for upgrading and transitioning other assets or infrastructure.
Low Carbon City and	City Light/Heavy Duty Fleet & Equipment	Operating	Once all units have been replaced with zero-emission vehicles (ZEVs) through capital, future replacement cycles will be funded by the Fleet

Attachment 2

Transportation			Replacement Reserve, but the higher costs will result in an increase in the monthly fleet replacement rate charged to business areas against operating when the ZEVs go into service.
	Active Transportation Network Implementation	Operating	Operating impact of capital associated with the expansion of the active transportation network.
	Mass Transit	Operating	Operational funding for bus-based mass transit—does not include LRT construction.
	Metered Park Lights / Security Lights	Capital	Conversion of lights.
	City Light/Heavy Duty Fleet & Equipment	Capital	Funding to design, construct and equip zero-emission fueling/charging infrastructure, and to support the incremental increase in costs for purchasing and deployment of replacement zero-emission vehicles and off-road equipment (such as riding mowers) into service.
	City Bus Fleet Infrastructure	Capital	Funding to design, construct and equip zero-emission fueling/charging infrastructure.
	City Bus Fleet	Capital	Cost for purchasing and deployment of replacement zero-emission buses.
	Active Transportation Network Implementation	Capital	For design and delivery of the remainder of the district connector network and improvement to neighbourhood networks in the areas of high bike trip potential.
	Mass Transit	Capital	Capital funding for bus-based mass transit—does not include LRT construction.
Carbon Capture and Nature Based Solutions	Urban Trees	Operating	Additional tree planting associated with the Urban Forest Asset Management Plan.
	Community Activation	Operating	New and scaled up programming to activate climate action in the community (e.g., grants, education/marketing, etc.).
	Nature Based Solutions	Capital	For design and delivery of ecosystem restoration, conservation, naturalization or daylighting projects. This Action Area does not include additional tree planting associated with the Urban Forest Asset Management Plan.
	Urban Trees	Capital	Additional tree planting associated with the Urban Forest Asset Management Plan.