

Climate Action - Clean Transportation

EV Adoption

Between 2020 and 2024, Richmond Hill electric vehicles (EVs) registrations increased by [400%](#). The City has identified 24 prospective sites for EVs charge stations. EVs can help achieve the City's [net-zero emissions](#) target while improving local [air quality](#) and public health. EVs [incentives](#) are now available!

Learn more about EVs

- ◆ Zero tailpipe pollution and far more energy-efficient than gas cars.
- ◆ Canadians spend about \$3,000/year on gas, while EV electricity typically costs a few hundred dollars a year. On average, an electric vehicle owner can save 40-50 percent in maintenance costs.
- ◆ The batteries have an average lifespan of 8 to 15 years.
- ◆ Many EVs models exceed 300 km per charge, some up to 600 km. Cold weather can reduce range, but EVs start reliably and gas cars also lose efficiency in winter.



Sources: [David Suzuki's Foundation](#), [Environment and Climate Change Canada](#)

Photo credit: City of Richmond Hill