

PLUG 'N DRIVE

FEIWG

EV 101

July, 2021





OUR VISION

To be Canada's champion for electrified transportation



PLUG 'N DRIVE

Sponsors

Discovery Sponsors



The M.H. Brigham Foundation



Electrifying Sponsors



Accelerator Sponsors



polestar

VOLVO

Amplified Sponsors



Charge My Car Partners



Electron Sponsors



Partners



Greenhouse Gas Emissions – The Big Three



TRANSPORTATION 35%



INDUSTRY 30%

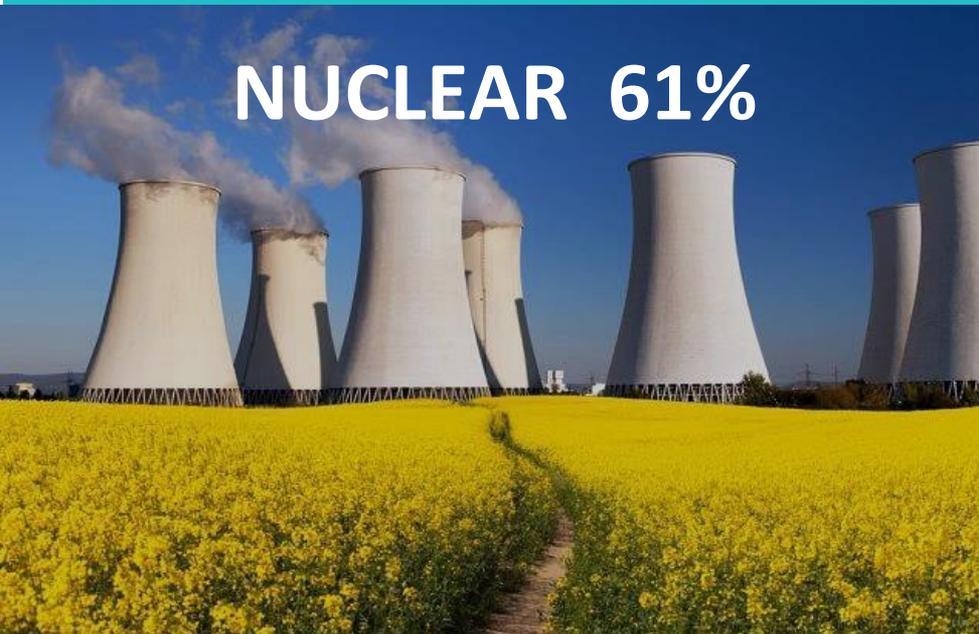


BUILDINGS 21%

Ontario's Clean Electricity

Source: IESO
2018 Data

NUCLEAR 61%



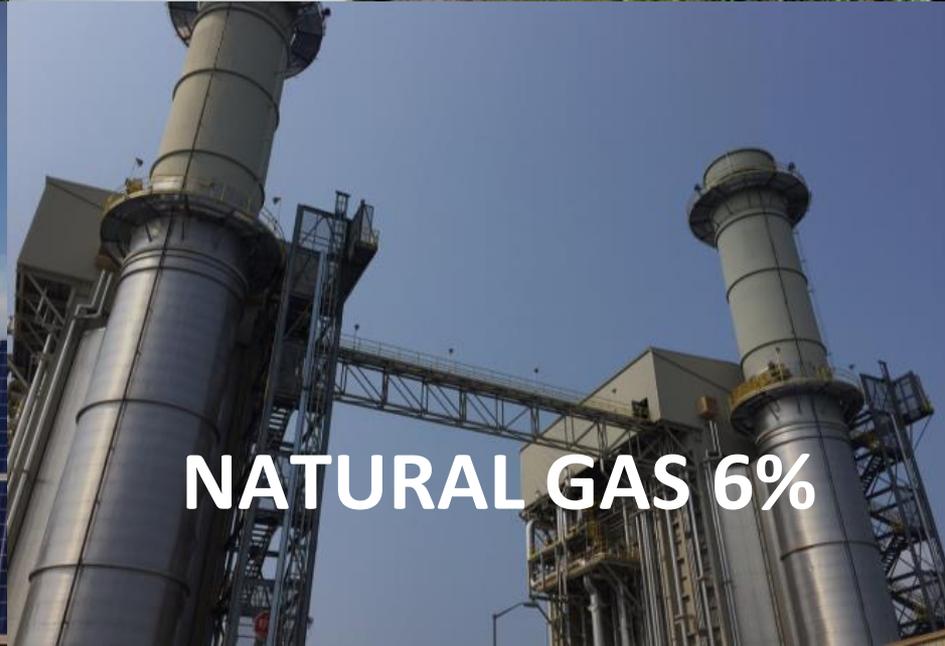
HYDRO 25%



RENEWABLES 7%



NATURAL GAS 6%



The Benefits of Electric Cars



**ELECTRIC CARS REDUCE
GREENHOUSE GAS EMISSIONS**



90%

Less GHG Emissions



ELECTRIC CARS ARE FOR EVERYONE



50+

Models Available

The Benefits of Electric Cars



ELECTRIC CARS GO THE DISTANCE



300+ km

Per Charge



ELECTRIC CARS SAVE MONEY



\$2,000

Per Year



PLUG 'N DRIVE

EV Match Tool

**Total Cost of Ownership hard to explain
Until now, using averages...**

Introducing FIND YOUR EV MATCH

EV.PLUGNDRIVE.CA



Charging

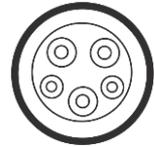
Level 1

1 Hour of Charge ~ 8 km of Driving



Level 2

1 Hour of Charge ~ 30 km of Driving



Level 3

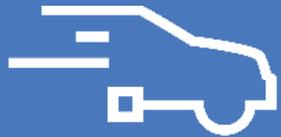
1 Hour of Charge ~ 250 km of Driving



Charging

CHARGE MY CAR.CA

One of Canada's Largest Selection of Home Charging Stations



CHARGE MY CAR
A PLUG'N DRIVE INITIATIVE



Installing Your Charging Station

- Similar electrical requirements to a laundry dryer or stove (240 Volts/30 Amps)
- Any licensed electrician can install one



Public Charging Locators and Trip Planners



PlugShare

Canadian Tire



10 Canadian Tire

J-1772, CCS/SAE, CHAdeMO
FLO 7.2 - 50 kW

Check In

BOOKMARK ADD PHOTO DIRECTIONS EDIT

101 Bell Blvd, Belleville, ON K8P 4V2, Canada

+1 613-968-5119

L2: \$1.5/hourly Fast Charging: \$20/hourly

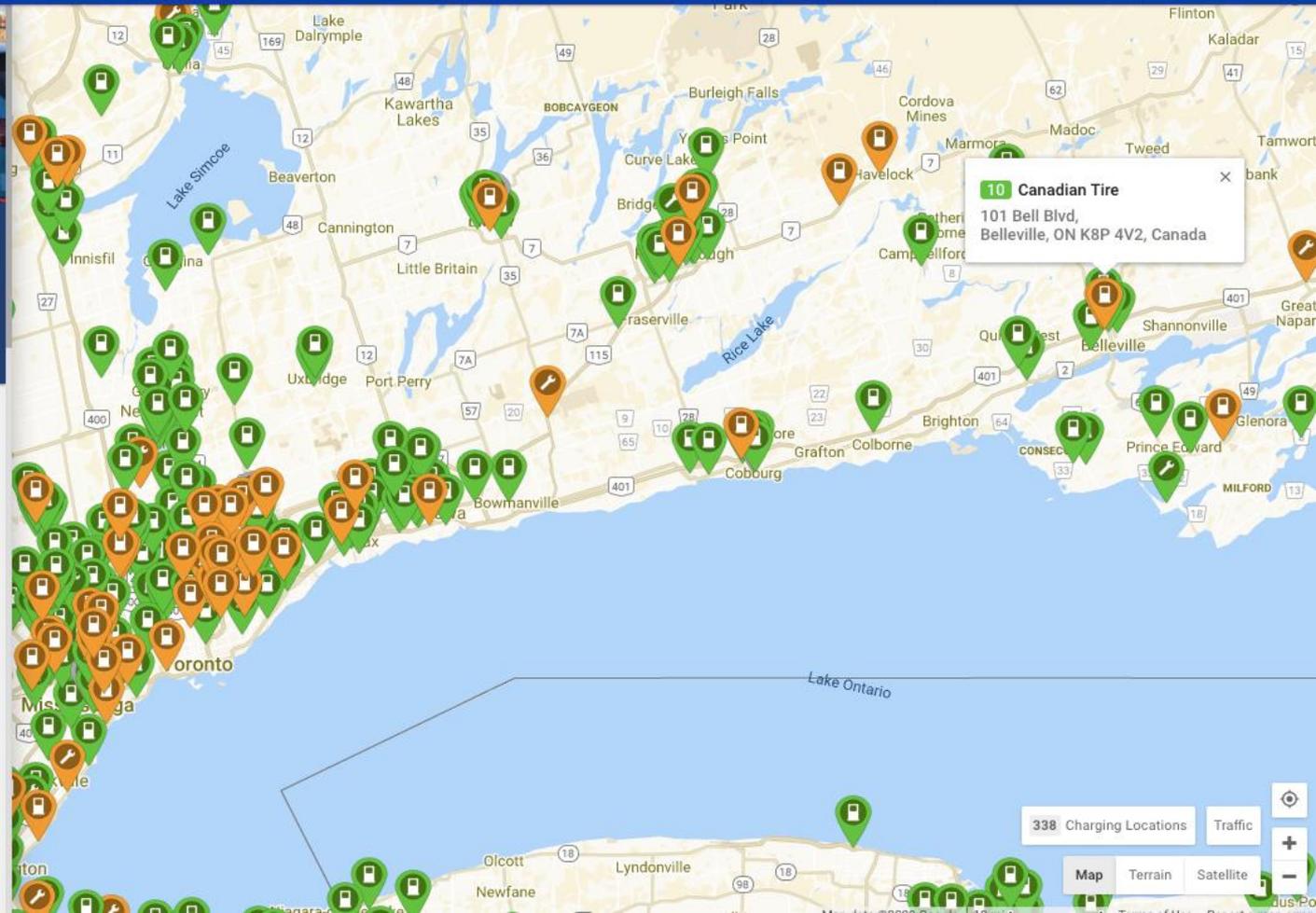
Parking: Free

EV Parking, Dining, Shopping, Restrooms

Open 24/7

Located south of gas bar beside coin operated car vacs.

EN My Profile Nissan LEAF 2018 Bookmarks



10 Canadian Tire
101 Bell Blvd,
Belleville, ON K8P 4V2, Canada

338 Charging Locations Traffic

Map Terrain Satellite

Public Charging Networks

-chargepoint+


Circuit
électrique

 **electrify**
canada

flo

greenlots®

ivy
Charging
Network

myEVroute™


PETRO-CANADA


Shell
Recharge





EV Batteries Value Proposition for Ontario's Electricity Grid and EV Owners



BASED ON THE WORK
OF



plugndrive.ca/publications

- Ontario's electricity sector could realize up to **\$129 million** in benefits per year
- More efficient use of surplus baseload generation, reduce system costs
- Each EV is potentially worth **\$38,000** during its lifetime





PLUG 'N DRIVE

Thank you!



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