

## Sustainability Café – Transportation – EV ownership – some resources

Level 2 Charger at home - cost to supply \$824 and install \$870 + tax,  
 Low cost, convenient charging at home

<b>Charging cost per 100 K - (16.4 kWh) Example - Ottawa to Prescott</b>				<b>Coffee Price Comparison</b>
<b>Location</b>	<b>Charger type</b>	<b>Cost</b>	<b>Time</b>	
Home	Level 2 charge overnight	<b>\$2.35/100k</b>	2 hours	Coffee machine at home
Travel - destination	Level 2 public charger	<b>\$5.00/100k</b>	2 hours	MacDonald's coffee special
Travel - along the way	Level 3 public charger	<b>\$12.95/100k</b>	25 minutes	Starbucks

## **Researching vehicle options**

EV Experience – EV Council of Ottawa - test drives events through the summer.

May 5<sup>th</sup> – Kemptville Sustainability Fair

<https://evexperience.ca/events/kemptville-sustainability-fair-ev-show-2/>





Dealer websites

Auto trader

EVCO website – EV models, price, specs of EVs available in Canada - <https://evco.ca/buyers-guide/>



# 2024 EVCO EV Buyer's Guide

	Make	Model	Base MSRP*	Net Price (+ HST, shipping etc, - Federal rebate)	Range* (km)	Battery Capacity* (kWh)	Power* (kW)	0-100 km/hr (60 mph)*	Seating / # of Rows	Towing Capacity* (kg)	Fast Charge Max Rate
	Kia	<a href="#">Soul EV Premium</a>	\$43,095	\$46,171	248	39.2	150	7.6	5 in 2 rows	N/A	50 kW
	Toyota	<a href="#">bZ4X L FWD</a>	\$44,990	\$47,646	406	71.4	150	TBD	5 in 2 rows	680	65 kW
	Mini	<a href="#">Cooper SE 3 Door Premiere 2.0</a>	\$45,590	\$49,868	183	32.6	135	7.3	5 in 2 rows	N/A	49 kW
	Kia	<a href="#">EV6 Standard Range RWD</a>	\$45,995	\$49,391	373	58	125	8.5	5 in 2 rows	-	175 kW

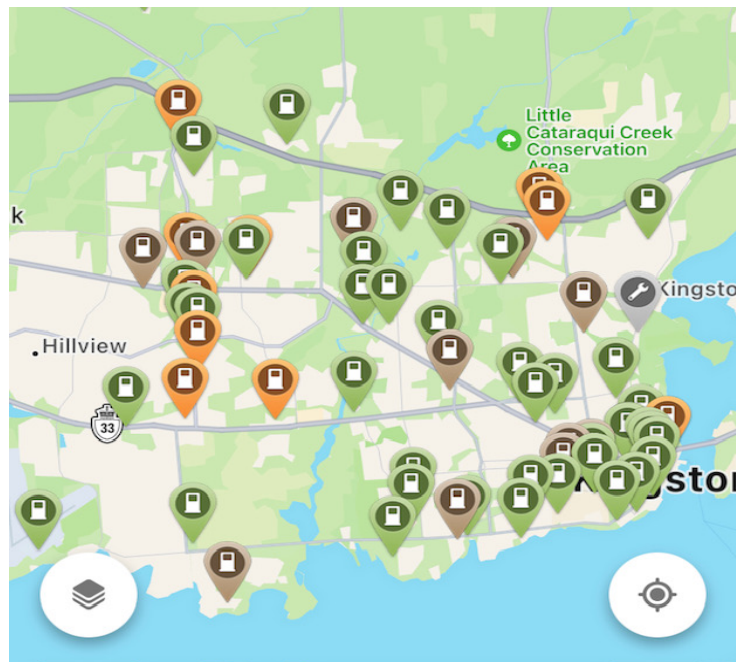
## Apps for Charging on the Road

Location of charging sites -- Plugshare / A Better Route Planner / Charge Hub

- Check in by users to provide information on the charger and surrounding amenities
- Filter by style of charger, charging network
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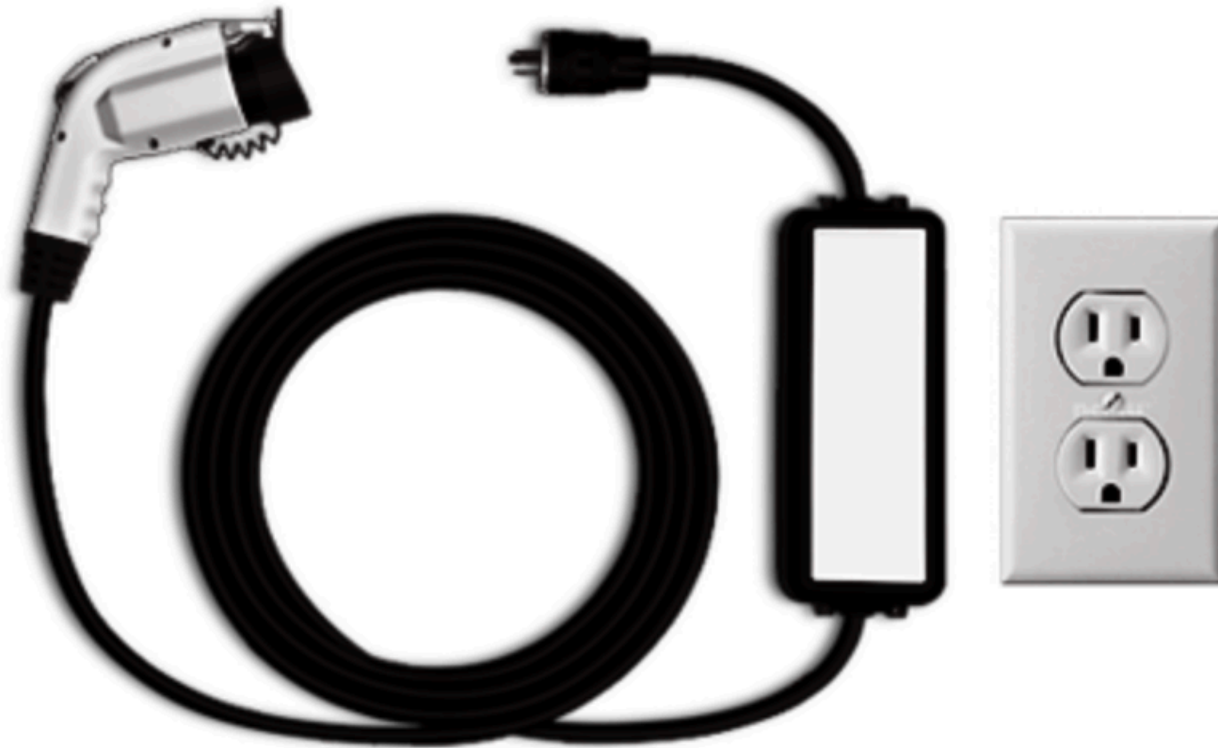
Activate chargers – Apps and accounts to be recognized by charger, pay for charging

Kingston – screen shot from Plugshare.



## Chargers

### Level 1 – Trickle Charger



## Level 2 Home Charger – Street side, at shopping malls, attractions



## Level 3 charger

