Electric Vehicle Council of Ottawa

February 23, 2026

Electric Vehicle Council of Ottawa Monthly Meeting

Agenda

- BluWave-ai
- Japan Trip Report
- News
- Past and Future Events
- Roundtable

Electric Vehicle Council of Ottawa

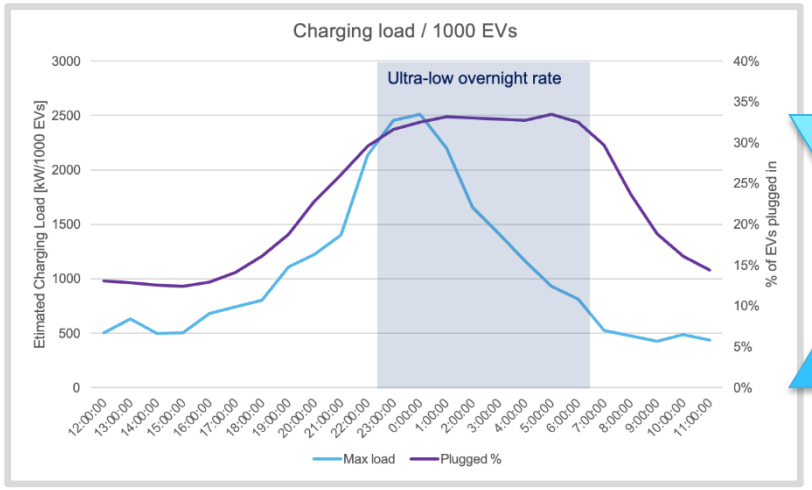
BluWave-ai

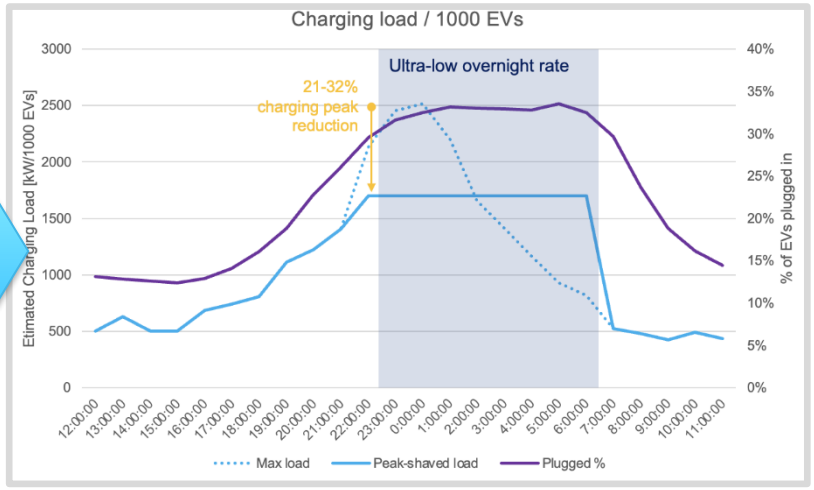
EVs Become Grid Assets

With AI-Driven Smart Charging

Alex Linchieh | Director of Product Management
Chris Gabraith | Senior Product Manager

EV Everywhere: Automating Grid Stress Reduction and Driver Compensation





Supported Brands:

Hyundai, Chevrolet, MINI, Audi, Jaguar, Tesla, BMW, Toyota, Ford, Kia

Driver Reward Vendors:

Uber, DoorDash, Tim Hortons, IKEA, Best Buy, evertreen, Médecins Sans Frontières / Doctors Without Borders

EV Everywhere

MOBILE APP

- Self-serve driver onboarding
- AI-driven smart charging
- **Compensation** for grid services
- Data & visibility

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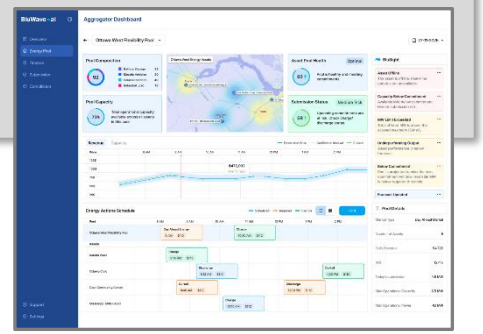
EV EVERYWHERE

UTILITY SOLUTION

- EV energy data
- Grid planning
- Aggregated **EV charging control** for grid services



Driver Benefits:

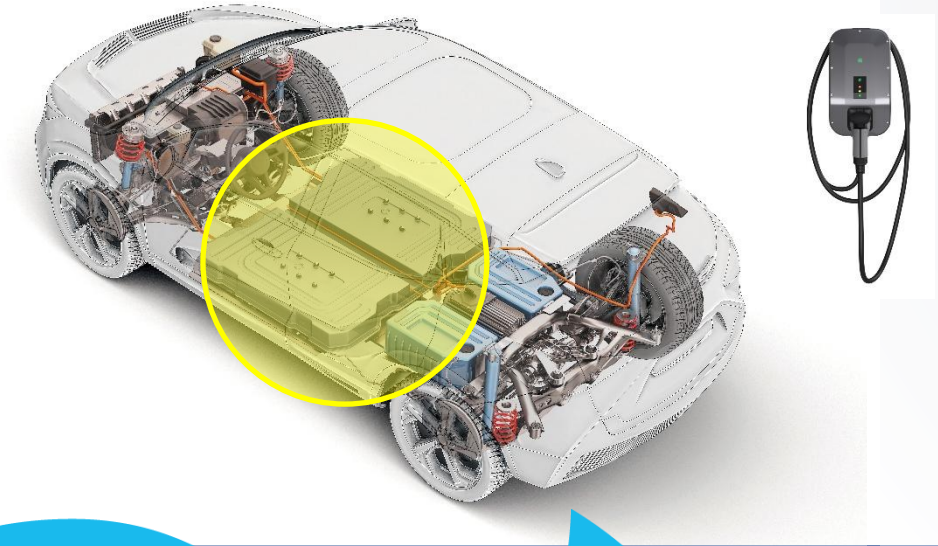
- Rewards for grid services
- Time-of-use automation
- Lower-GHG grid energy

The grid perspective: What is an EV?

Your car's battery:

ENERGY STORAGE

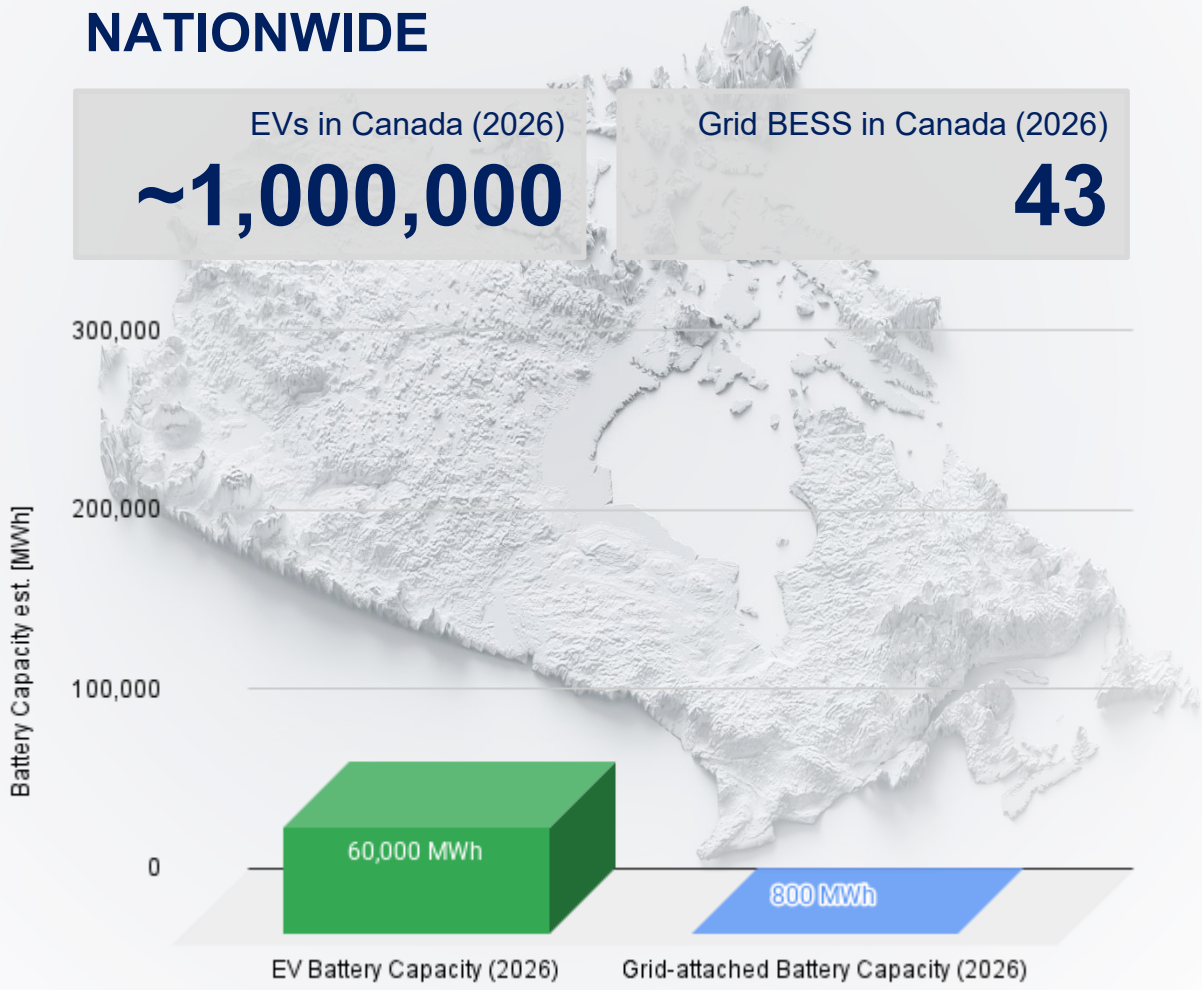
- Average **~62 kWh per vehicle** (including PHEVs)
- Distributed on the residential grid, behind the meter
- **One-way**, only draws energy (for now)
- **Paid for by consumers**
- **Idle** (read: available) up to ~95% of the time



NATIONWIDE

EVs in Canada (2026)
~1,000,000

Grid BESS in Canada (2026)
43



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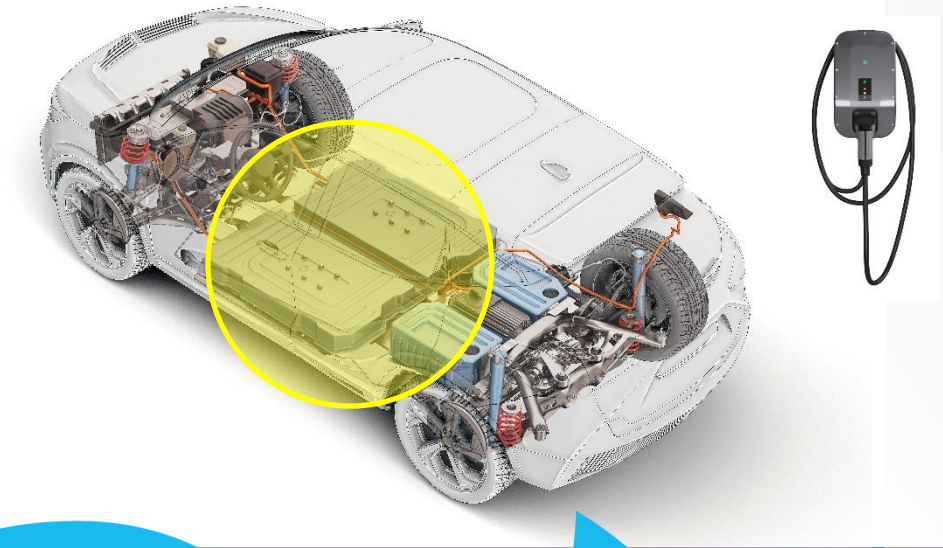


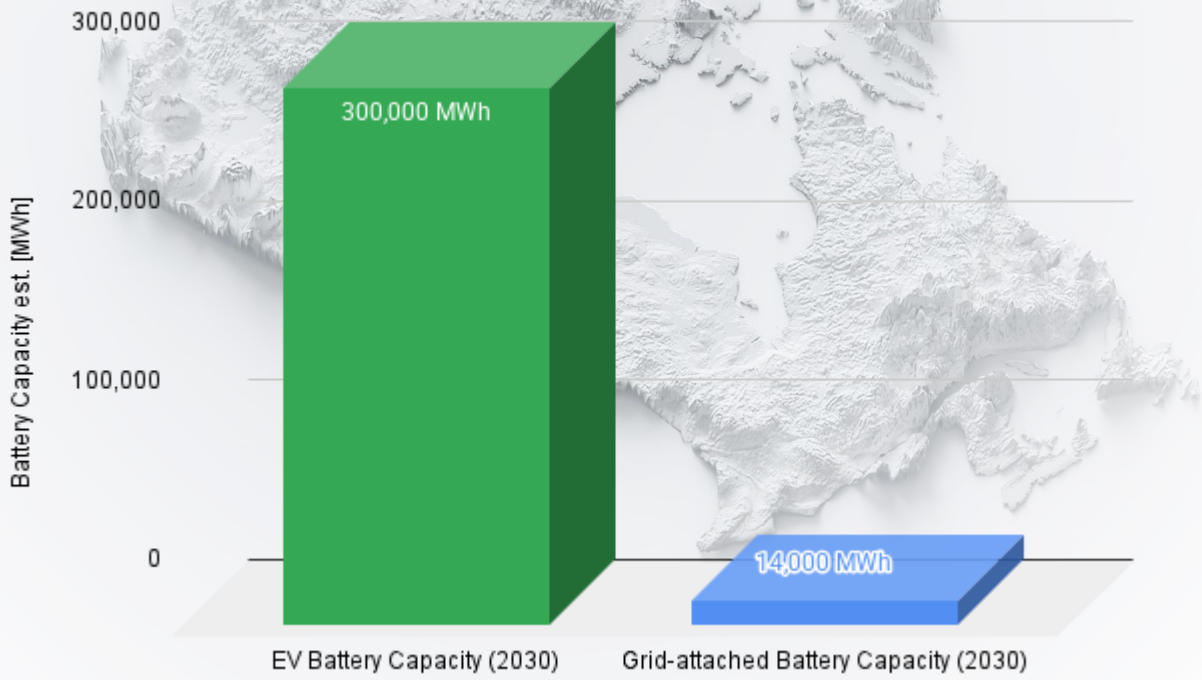
NATIONWIDE

EVs in Canada (2030)

up to **5,000,000**

Grid BESS in Canada (2030)

up to **82**



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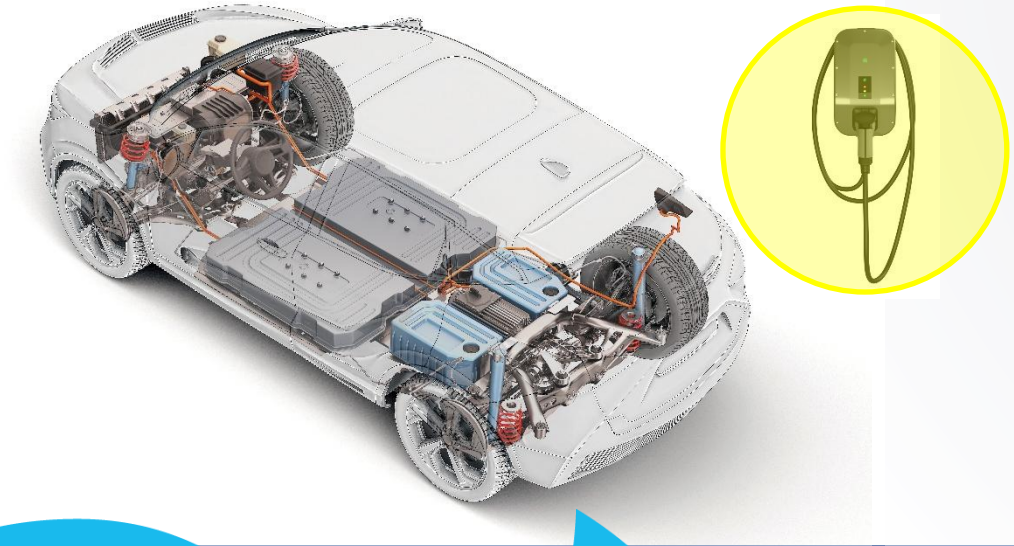
The grid perspective: What is an EV?

Your home charger:

DISPATCHABLE LOAD

- Power-consuming device that can be **started & stopped** on demand
- **7 - 9 kW** per charger typical
- Only **1 - 2 hours** / day of active charging needed (average)



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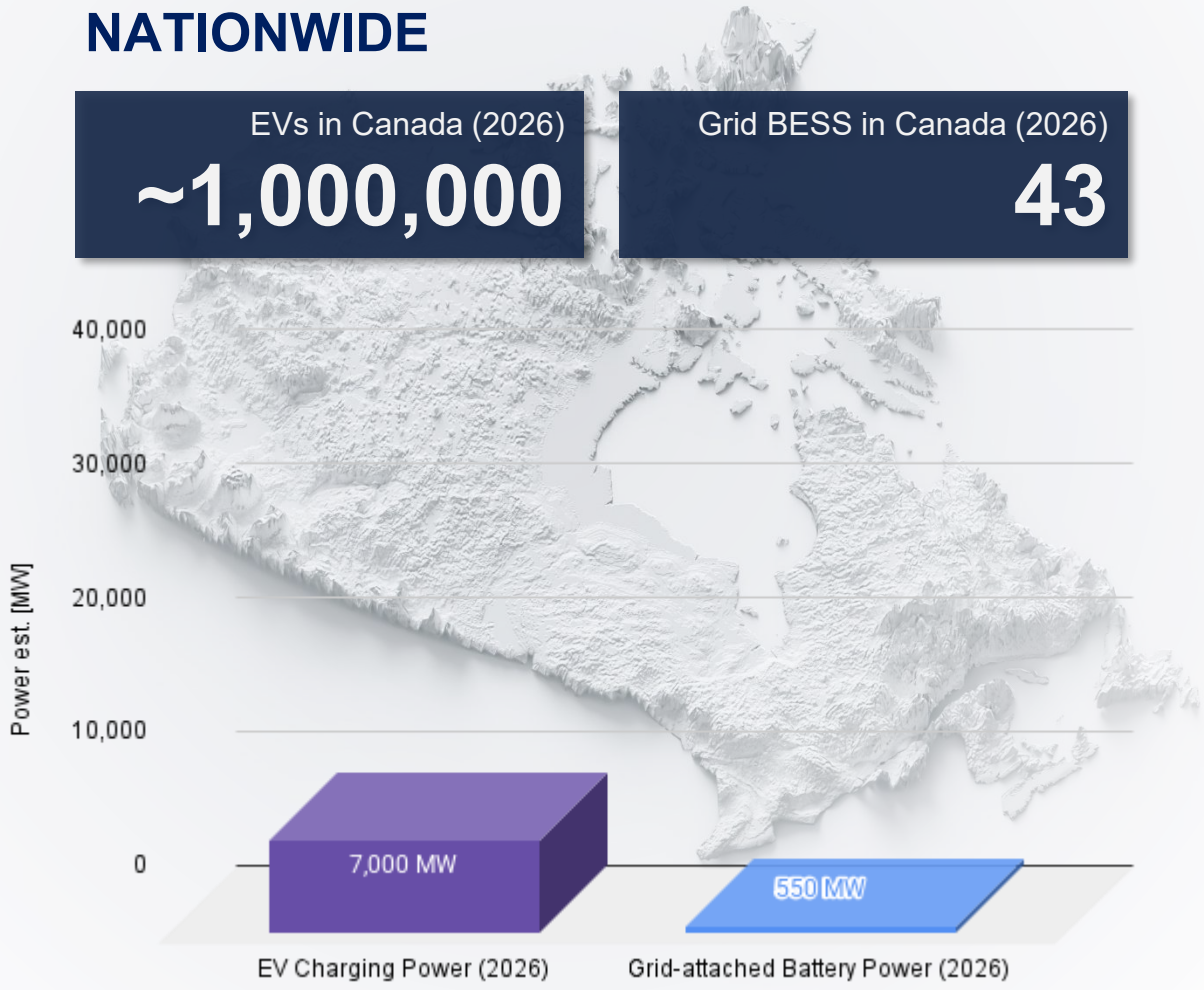

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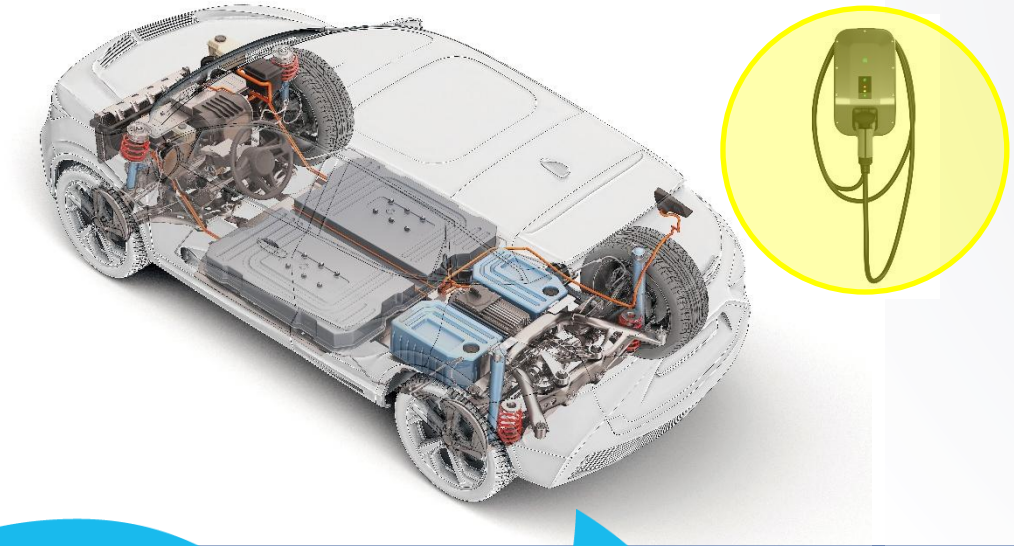

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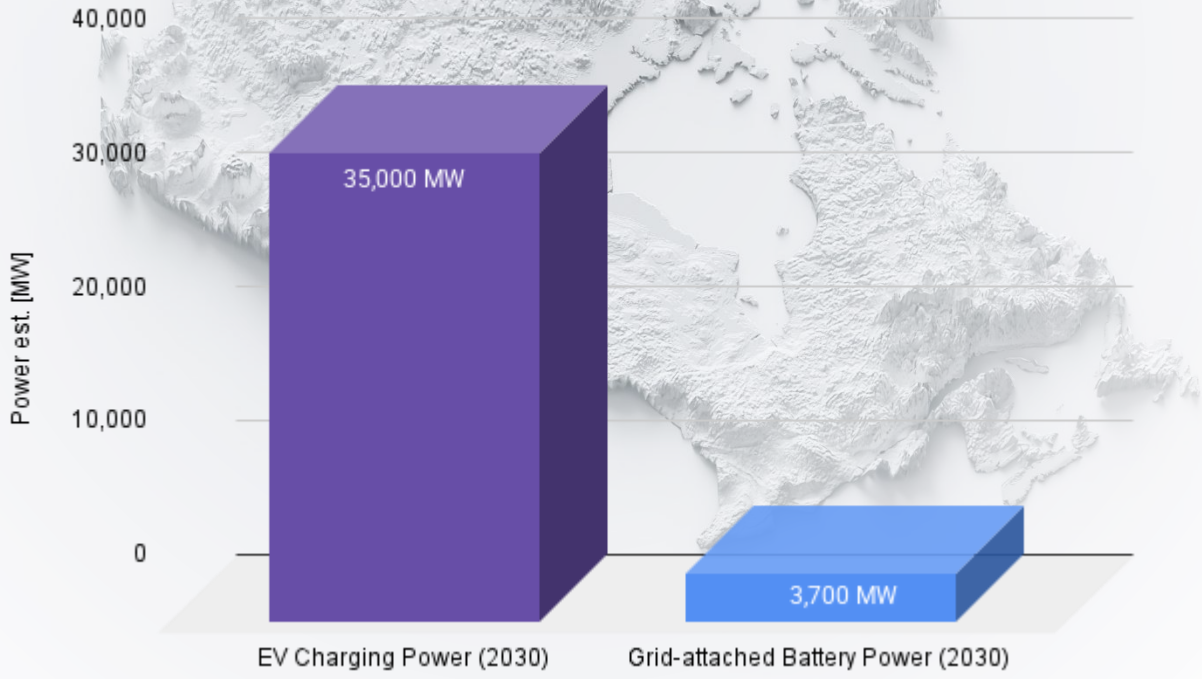

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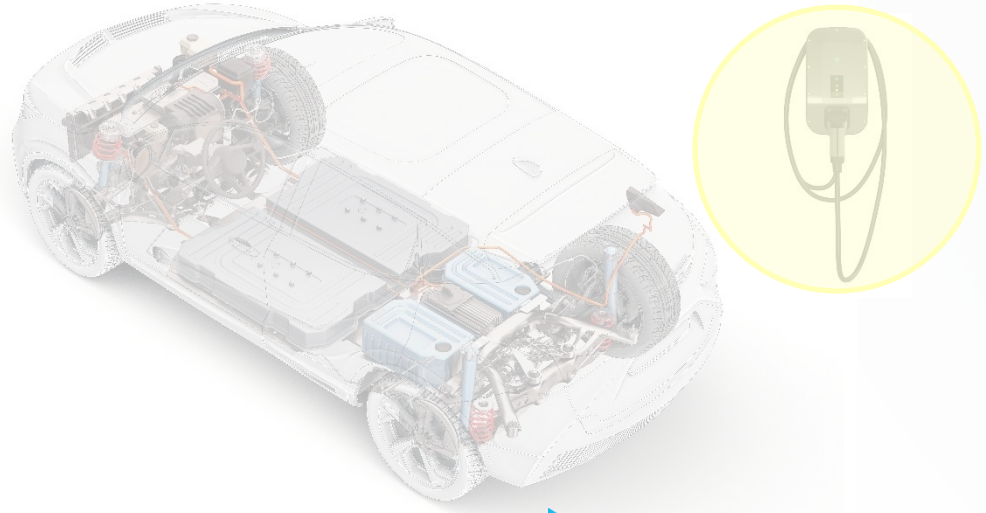
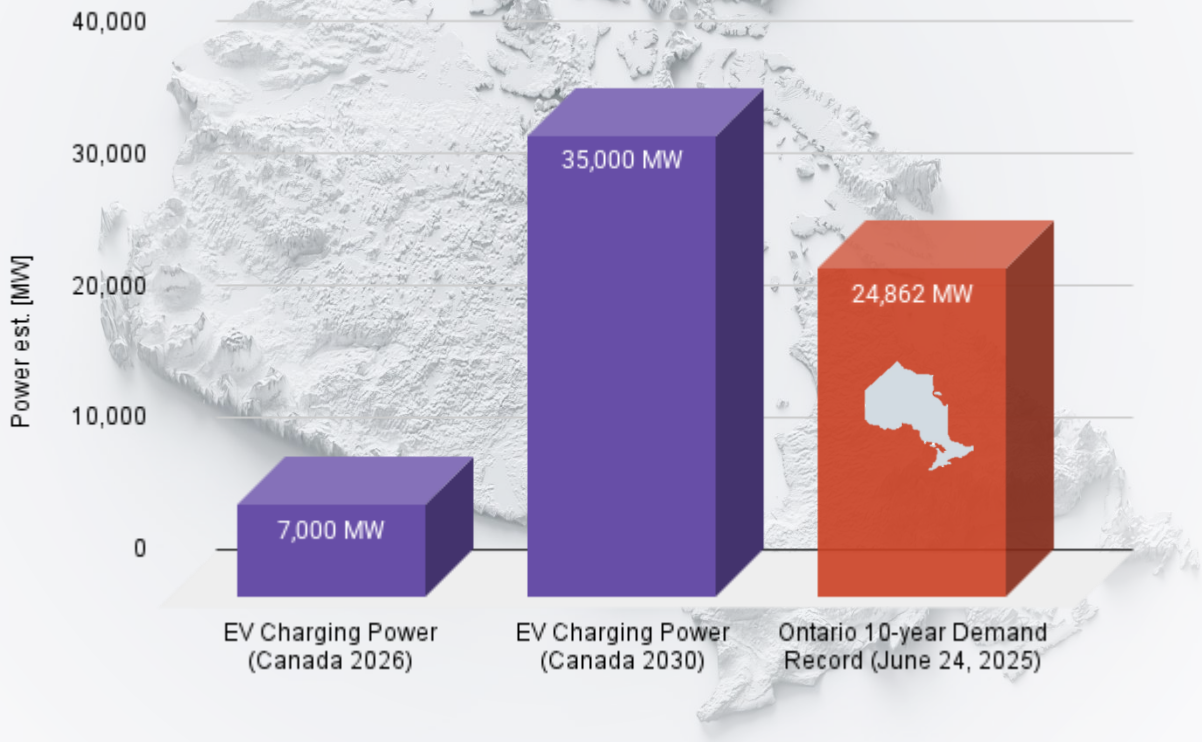


HOW MUCH POWER IS THIS?



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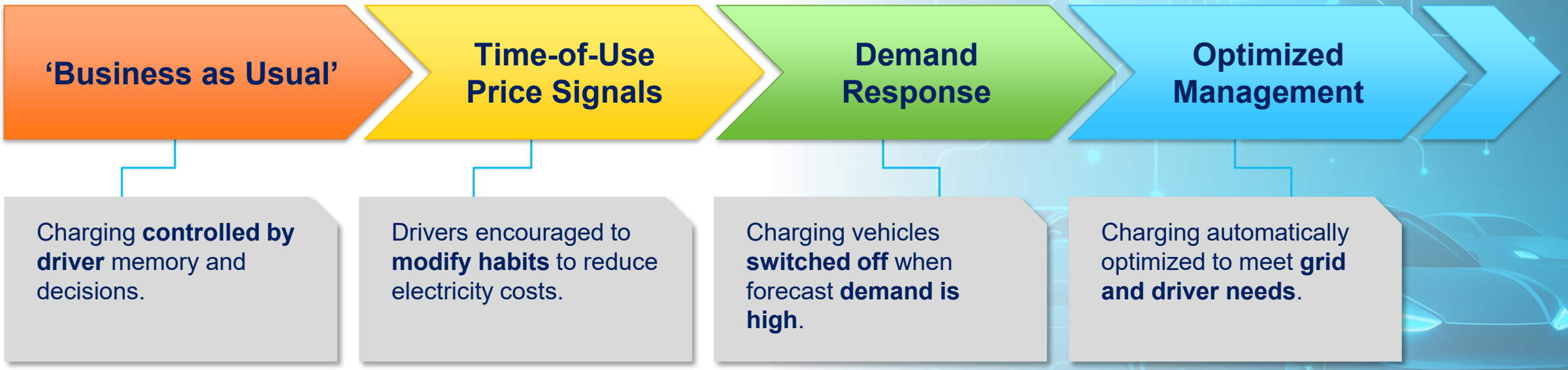
Advancing the EV Charging Algorithm



The EV Charging Algorithm

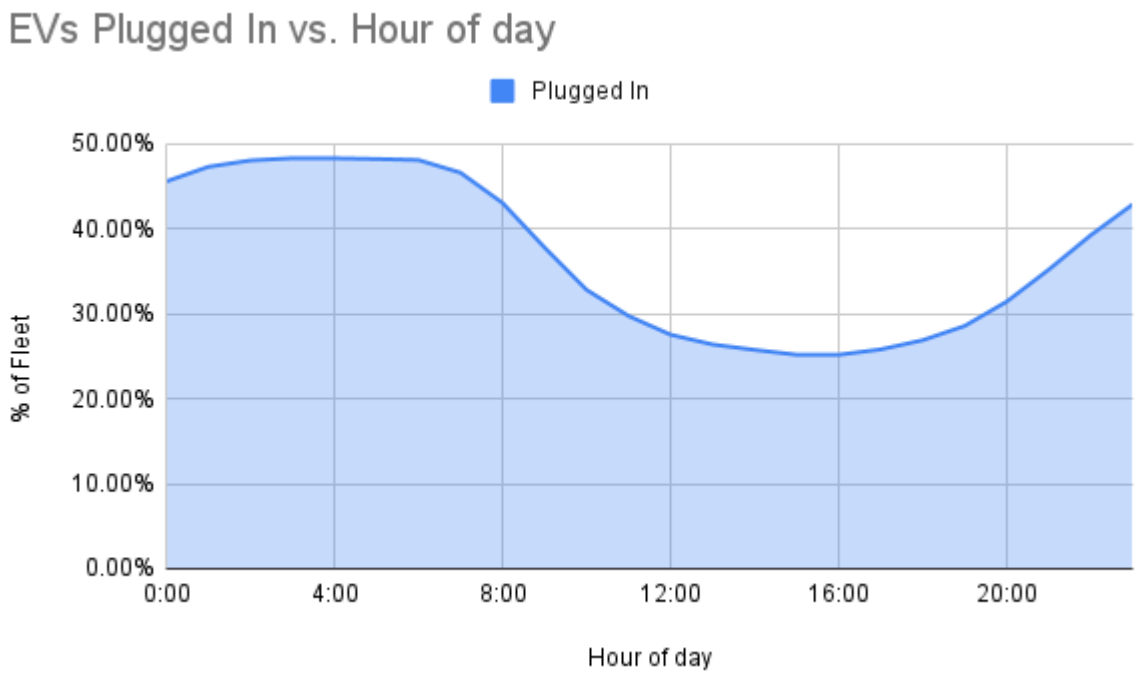
‘Business as Usual’

MANUAL CONTROL

If there’s no other control scheme in place, charging is controlled by **driver memory and decisions.**

- Driver monitors battery level periodically
- Plugs in when “low enough”
- Typically every 2-3 nights, or before long trips

```
if(and("I think my battery's low",
"I don't forget"))
        plug in
else
        late for work
```



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EV Charging: Time of Use Rates

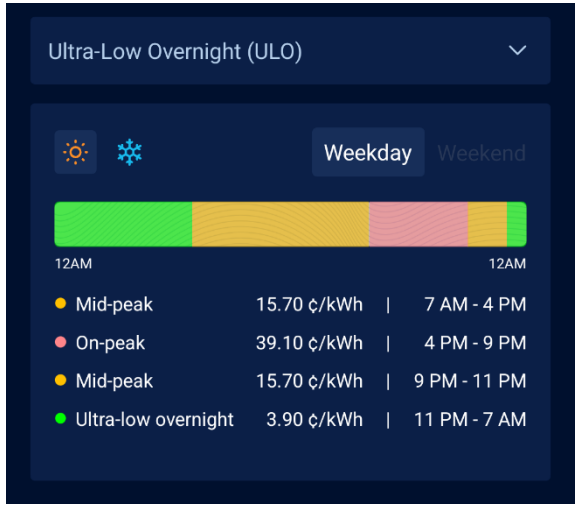
Time-of-Use Price Signals

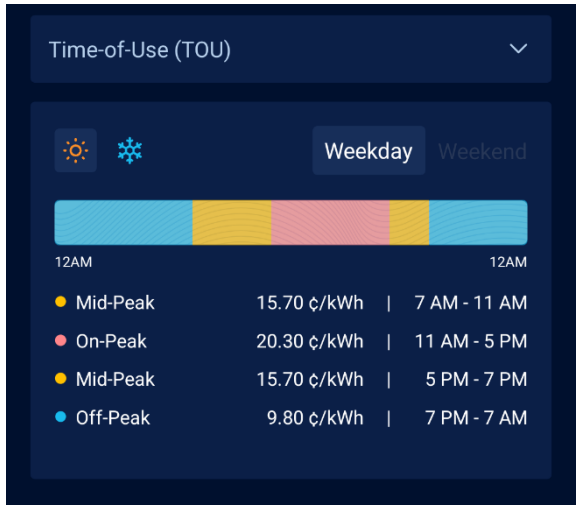
TIME OF USE (TOU)

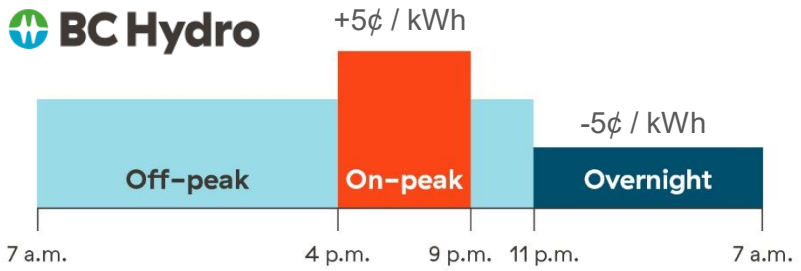
- Common approach to residential demand management
- Encourages energy use at less-busy times
- Day is split into a few time windows
- Consumers save costs by shifting energy use to cheaper times when possible

TOU RATE EXAMPLES

ONTARIO ENERGY BOARD







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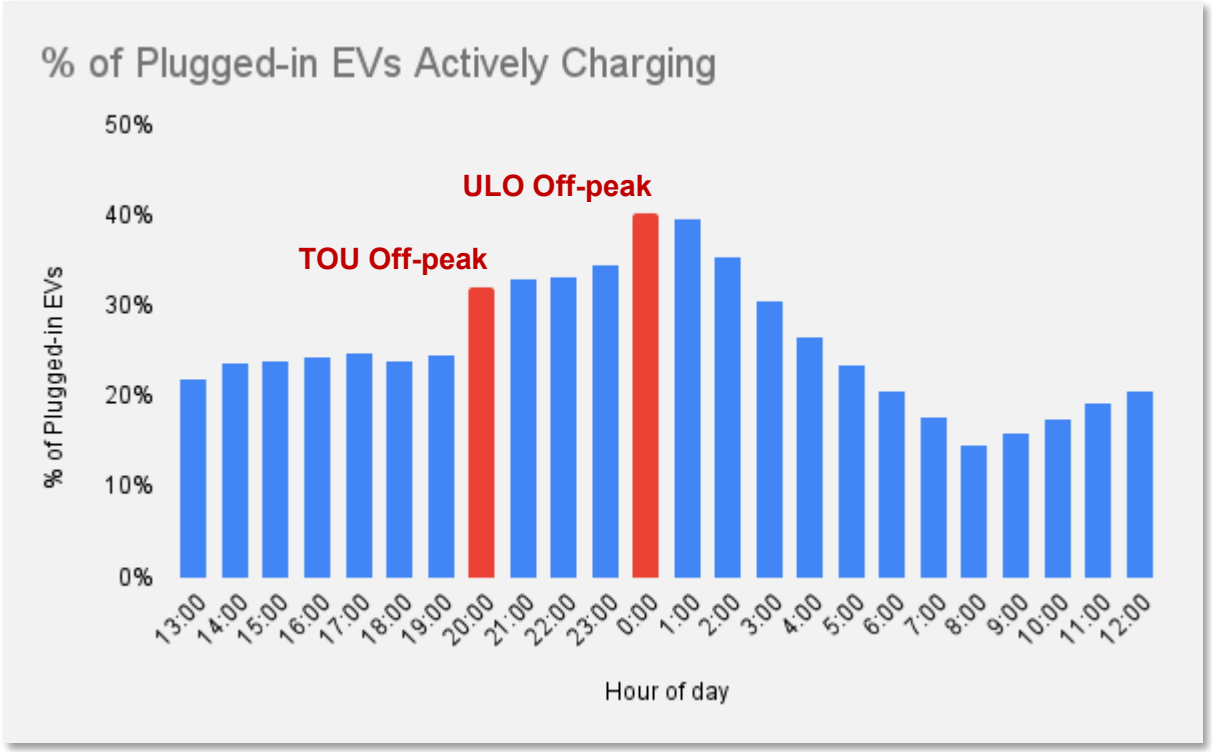
EV Charging: Time of Use Rates

Time-of-Use Price Signals

TOU PROS & CONS

- Relies on people deciding it's "worth it" to **change habits**
- Good news for drivers: charging can be **automated**!



Potential hourly charging cost savings

up to **90%**

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EV Charging: Time of Use Rates

Time-of-Use Price Signals

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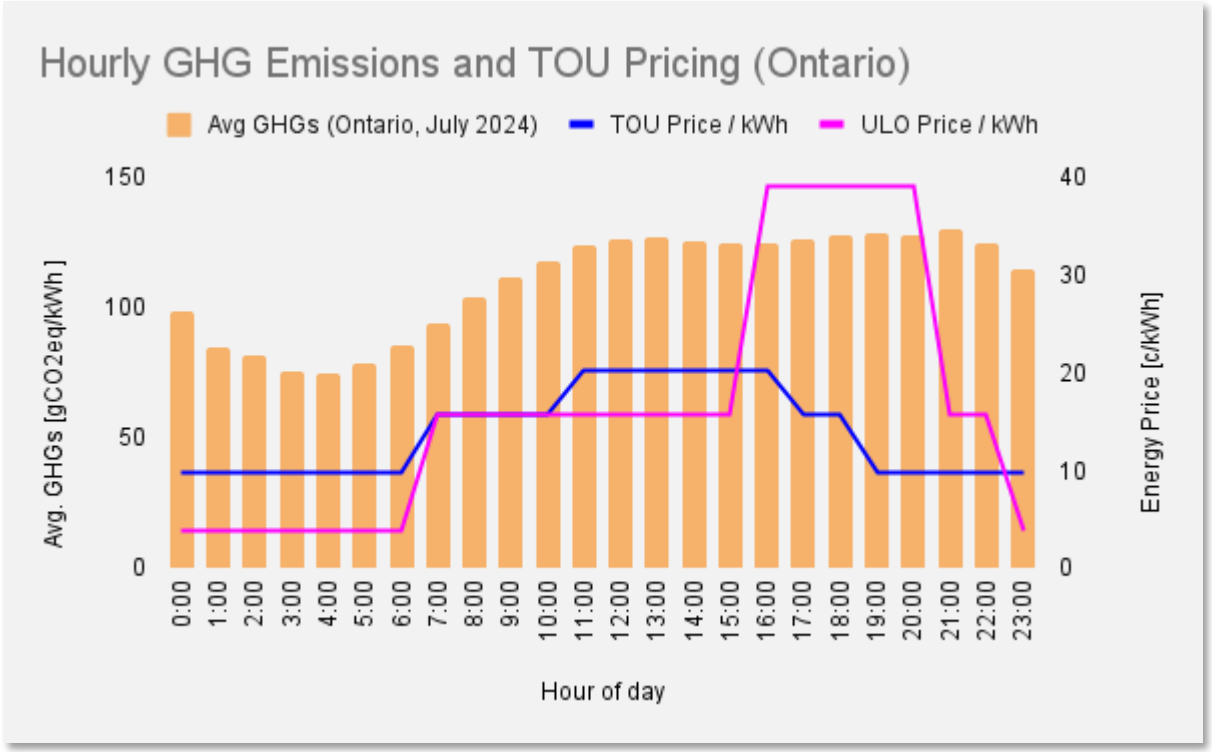
- Mixed news for the planet: **clean generation** doesn't always line up with "off-peak"



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Time-of-Use Price Signals

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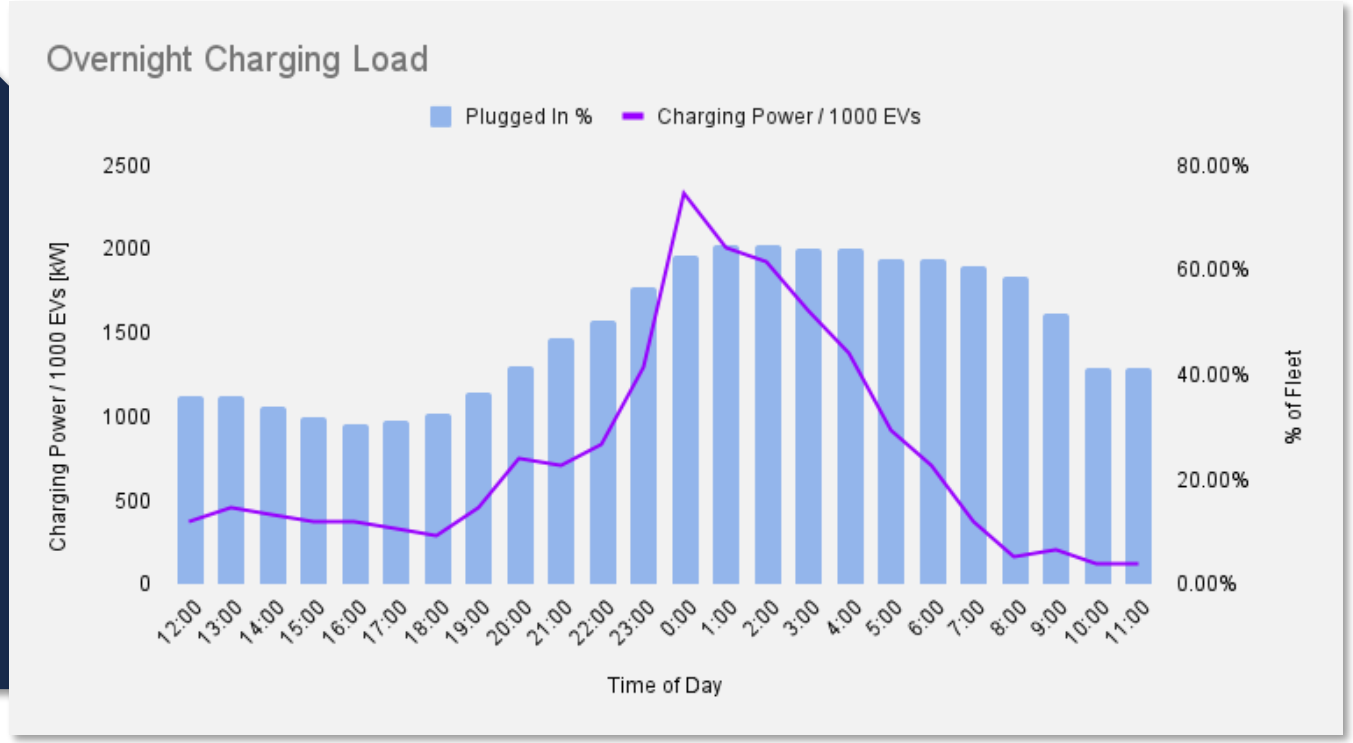
- Relies on people deciding it's "worth it" to **change habits**
- Good news for drivers: charging can be **automated**!
- Mixed news for the planet: **clean generation** doesn't always line up with "off-peak"
- Bad news for the grid (eventually): Risk of creating **'false peaks'** and problem worsens as adoption increases



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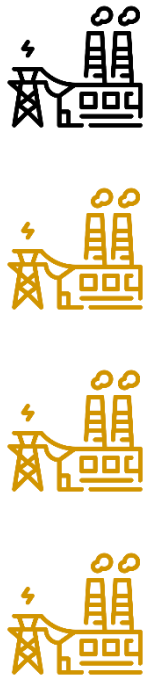
EV Charging Demand Response

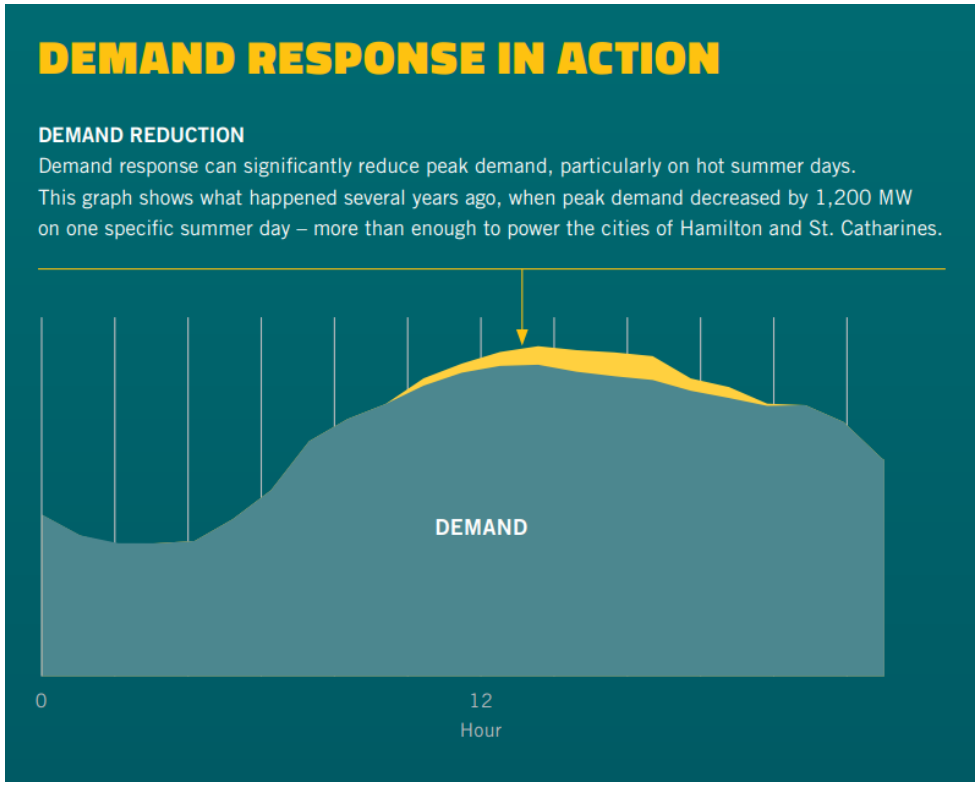
Demand Response

DEMAND RESPONSE (DR)

Approach for managing high electricity demand by **curtailing large loads**.

- Capacity to reduce consumption is **auctioned and traded**
- Historically, only available to large consumers (more than 1 MW, e.g. large factories)
- Value of DR can be very high when the grid is stressed





Source: IESO

$172,000 / MW / year
2025 IESO avg. capacity price

$7,500 / MW
per IESO 4-hr emergency dispatch

$300,000 / MW / year
IESO industrial conservation initiative

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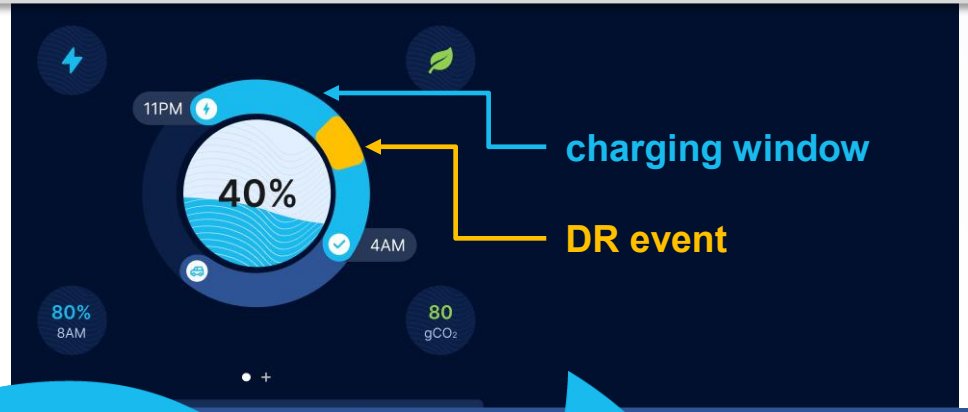
EV Charging Demand Response

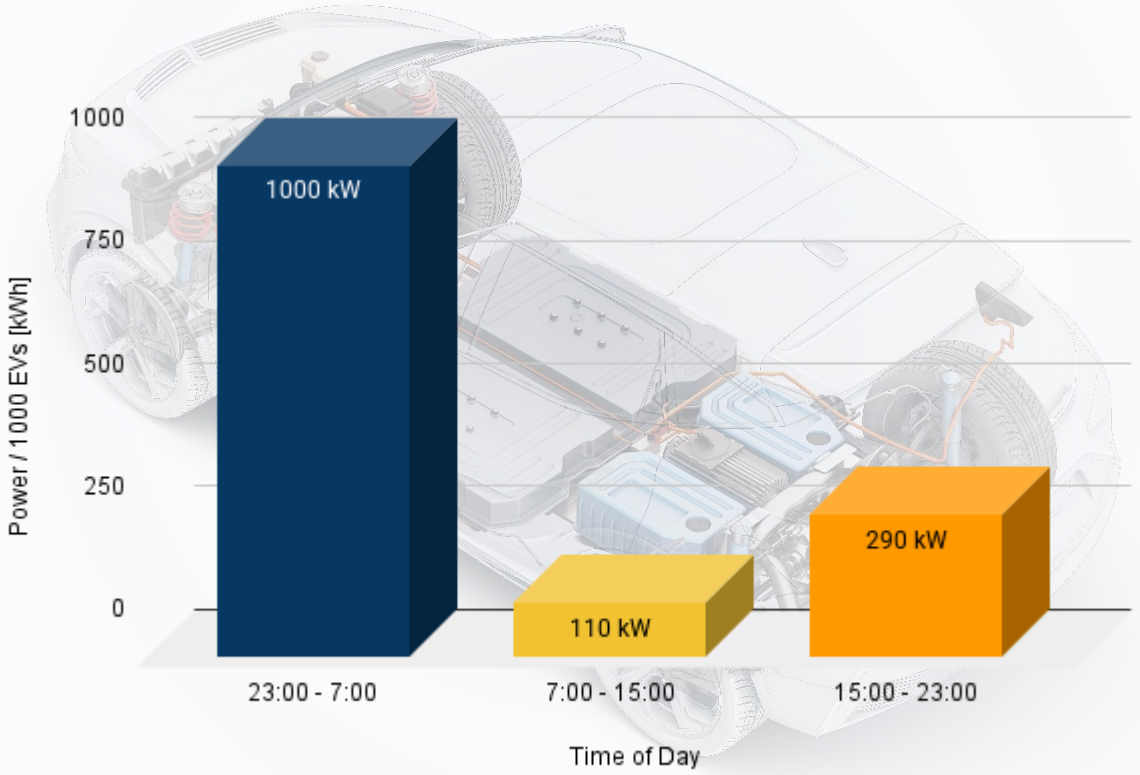
Demand Response

ELECTRIC VEHICLE DR

We built **EV Everywhere** to deliver demand response using connected EVs throughout Canada.

- Charging **switched off** briefly, typically for 1 hour
- Average up to 1 MW per 1000 EVs (depends on time of day)
- Predictive DR: finds **high-value times** to deploy EVs based on forecast capacity and grid conditions





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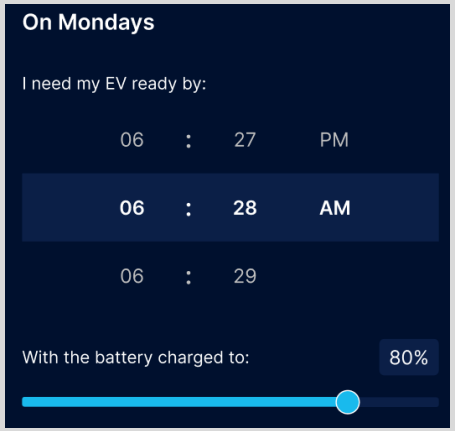
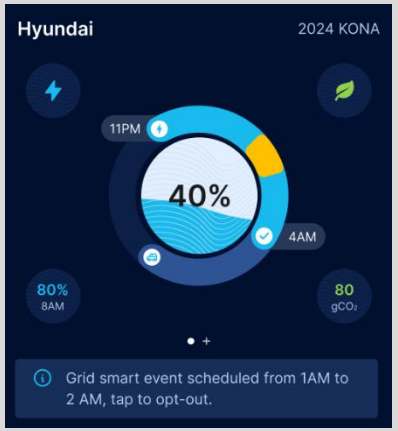
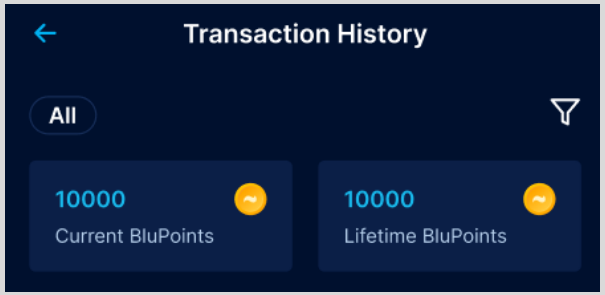
EV Charging Demand Response

Demand Response







Driver links EV to platform

Driver sets EV availability

Driver plugs in as usual

Utility calls demand response event

Platform checks EV eligibility

Driver gets chance to opt out

Platform pauses charging automatically

Platform issues reward automatically

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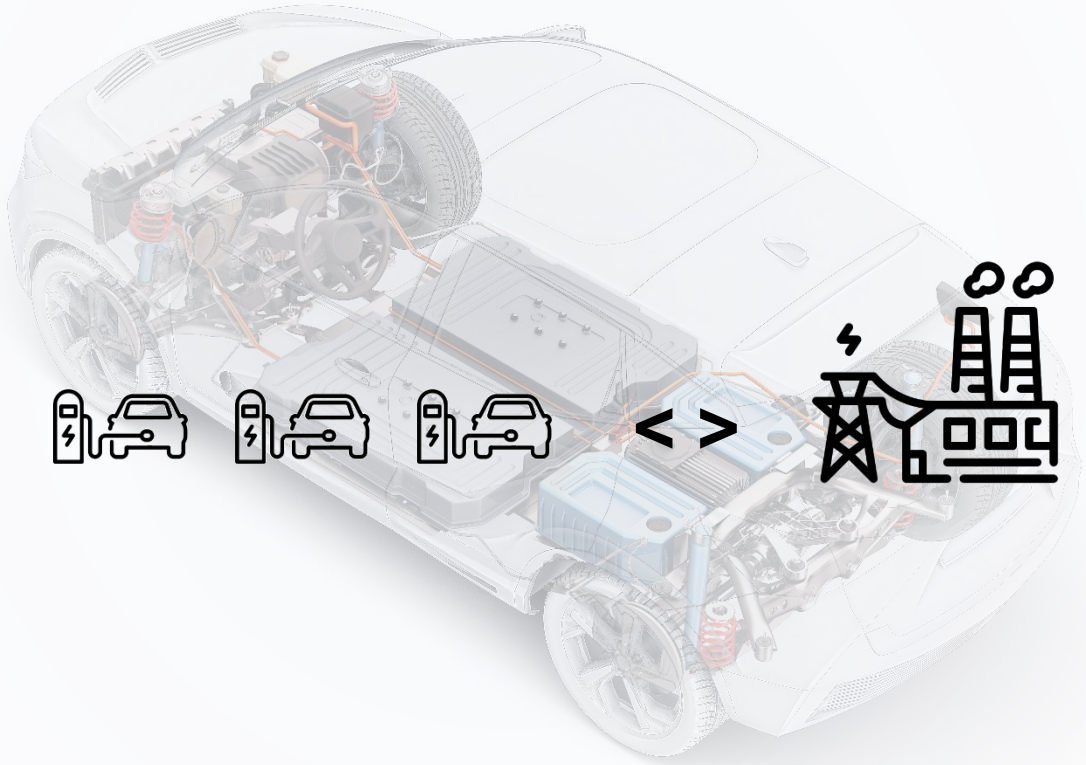
EV Charging Demand Response

Demand Response

EV DEMAND RESPONSE CHALLENGES

- **Baseline consistency**: charging load is more variable than industrial equipment (harder to say it would have been X if we hadn't intervened)
- **Passive/reactive** by design: responds to grid conditions instead of proactively working to shape them



Active Management of EV Charging

Optimized Management

CAPTURING ‘GRID SENTIMENT’

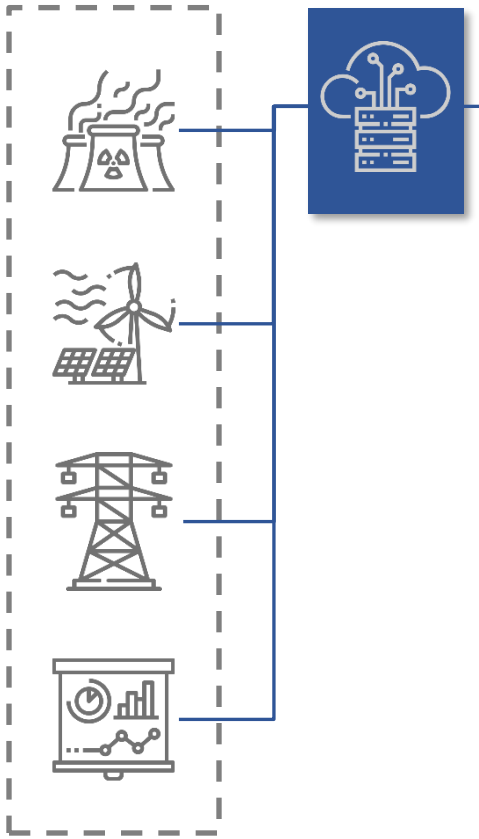
Multiple factors to account for:

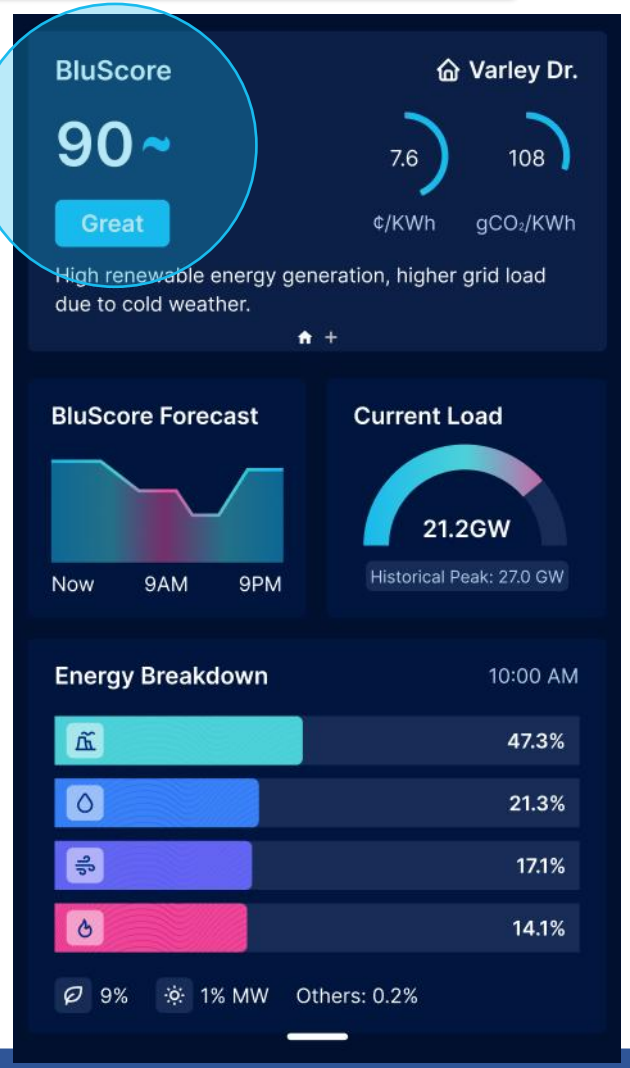
- **Generation mix** and carbon content *(how clean is grid energy right now)*
- Overall demand and **grid congestion** *(how much energy is flowing through wires right now)*
- Grid **topography** *(how do GHGs and demand depend on my location)*
- **Predictive** analytics *(how will all of this look later so I can plan ahead)*

BluScore: simple metric to inform energy use

24-hour AI forecast and optimization

Automates charging when it’s best for grid and planet





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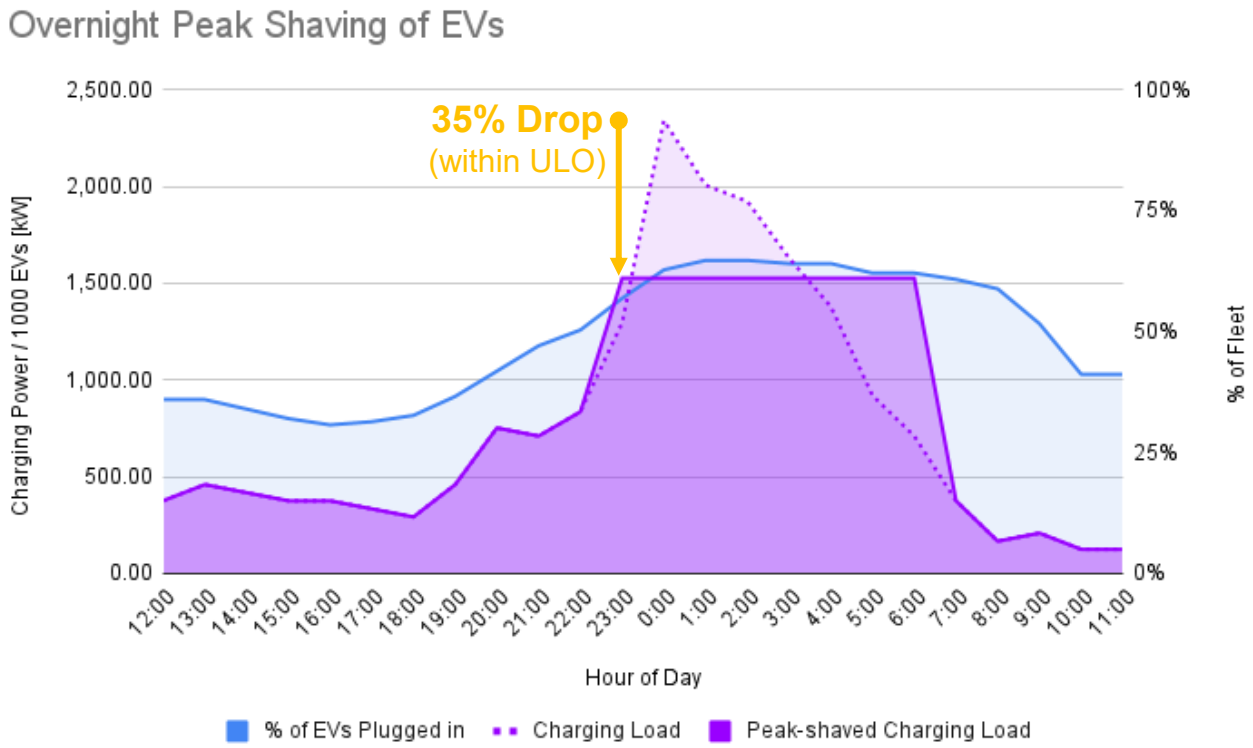
Active Management of EV Charging

Optimized Management

EV PEAK SHAVING

Grid infrastructure has to be planned for **worst-case conditions**.

- More EV adoption will **raise peak demand** and change the **shape of the peak**
- AI-optimized l**oad shifting** with EV Everywhere has ability to reduce extreme overnight peaks by 35% or more



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Active Management of EV Charging

Optimized Management

AI-OPTIMIZED EV CHARGING

- Value stacks at different levels of the grid
- AI-driven approach enables predictive optimization of EV pool capacity
- Greater value for grid = greater capacity to compensate drivers

Peak shave at local level to extend infrastructure life

Dispatch load to soak up local renewables when they're abundant

Hold capacity for energy market to serve constrained transmission nodes

EV Everywhere: What's Next?

System-wide Support

- 3-year IESO GIF project with Hydro Ottawa is wrapping up
- Compensation mechanisms might change while utility works on next steps
- EV Everywhere continues support for provincial grid, other municipal utilities
- For Ottawa residents: Grid Smart events will resume, with higher in-app compensation rates for early adopters

Charge Smarter.

EV EVERYWHERE

EV Everywhere is your gateway to cheaper, greener, more impactful EV charging.

Download on the App Store

GET IT ON Google Play

Optimizes charging schedules based on grid conditions, renewable availability, and user preferences.

Ensures grid stability by predicting and managing localized impacts of EV loads.

Initial pilots and testing completed, ready for broad commercialization

- Forms a bridge between Utilities and EV owners
- Enables “micro transactions” for drivers to provide grid services and receive compensation
- Democratizes energy market access and reduces electricity costs for everyone

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ev-everywhere.ca

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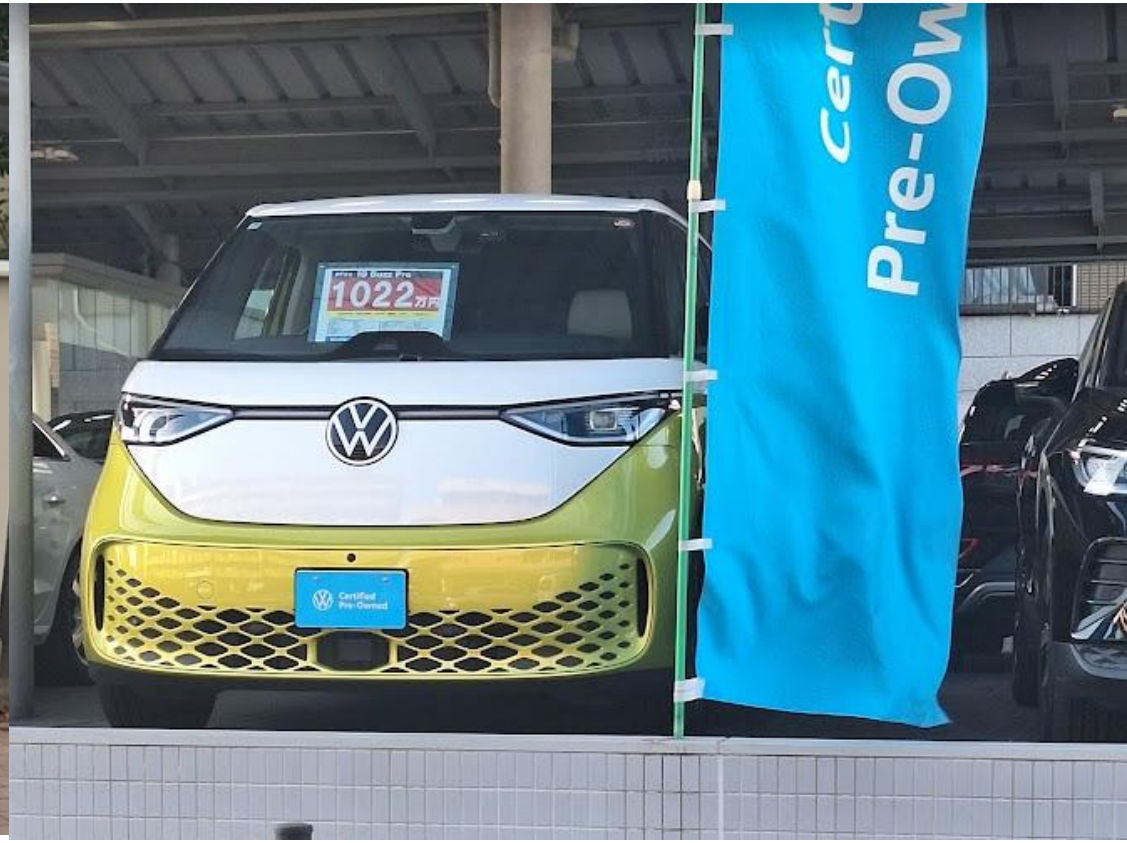
Electric Vehicles in Japan

07 -20 Oct 2025



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Agenda

- BLUF
- Background
- Observations
- Conclusions
- What's next
- Summary
- Postscript

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Bottom Line Up Front

- EVs have flatlined over the last 6 years
- Blown technological advantage
  - 1st Generation Nissan Leaf (2010)
  - Mitsubishi i-MiEV (2009)
- However, 2026 could be a breakout year

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Background

- Japan imports 97% of its oil
- National security issue
  - Trying to secure oil has led to apocalyptic destruction in past
- China has a similar issue and has decided to electrify Transportation at a breakneck speed
- Toyota is still largely fixated on hydrogen
- Japan has high level of environmental consciousness
- No pickup truck / large SUV culture
- Most cars are compact and subcompact (Kei cars & trucks)
- Cities visited
  - Tokyo population ~ 40 million
  - Fukuoka ~ 5 million
  - Kumamoto ~ 1.3 million
  - Kagoshima ~ 580K
  - Nagano ~ 350 K million

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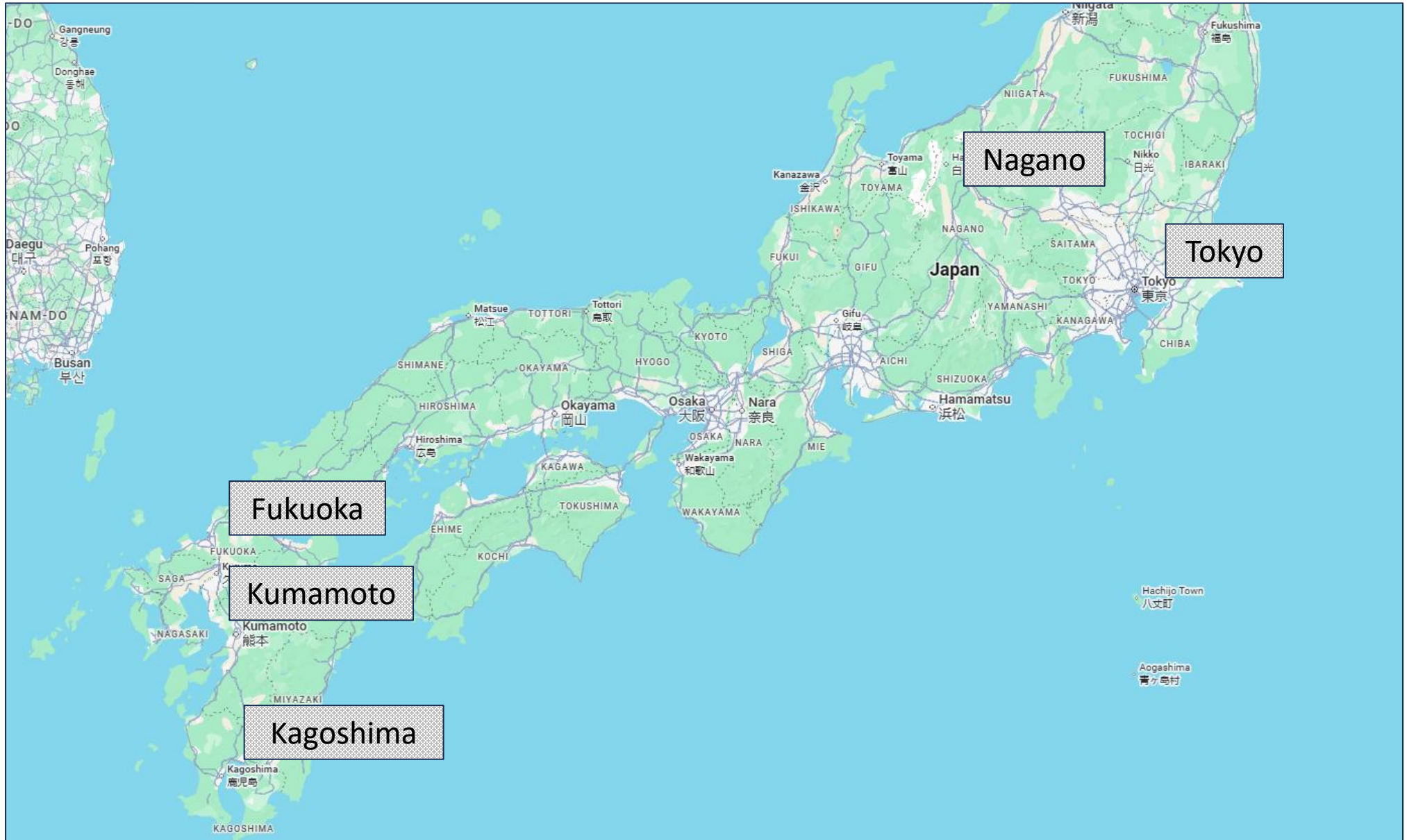

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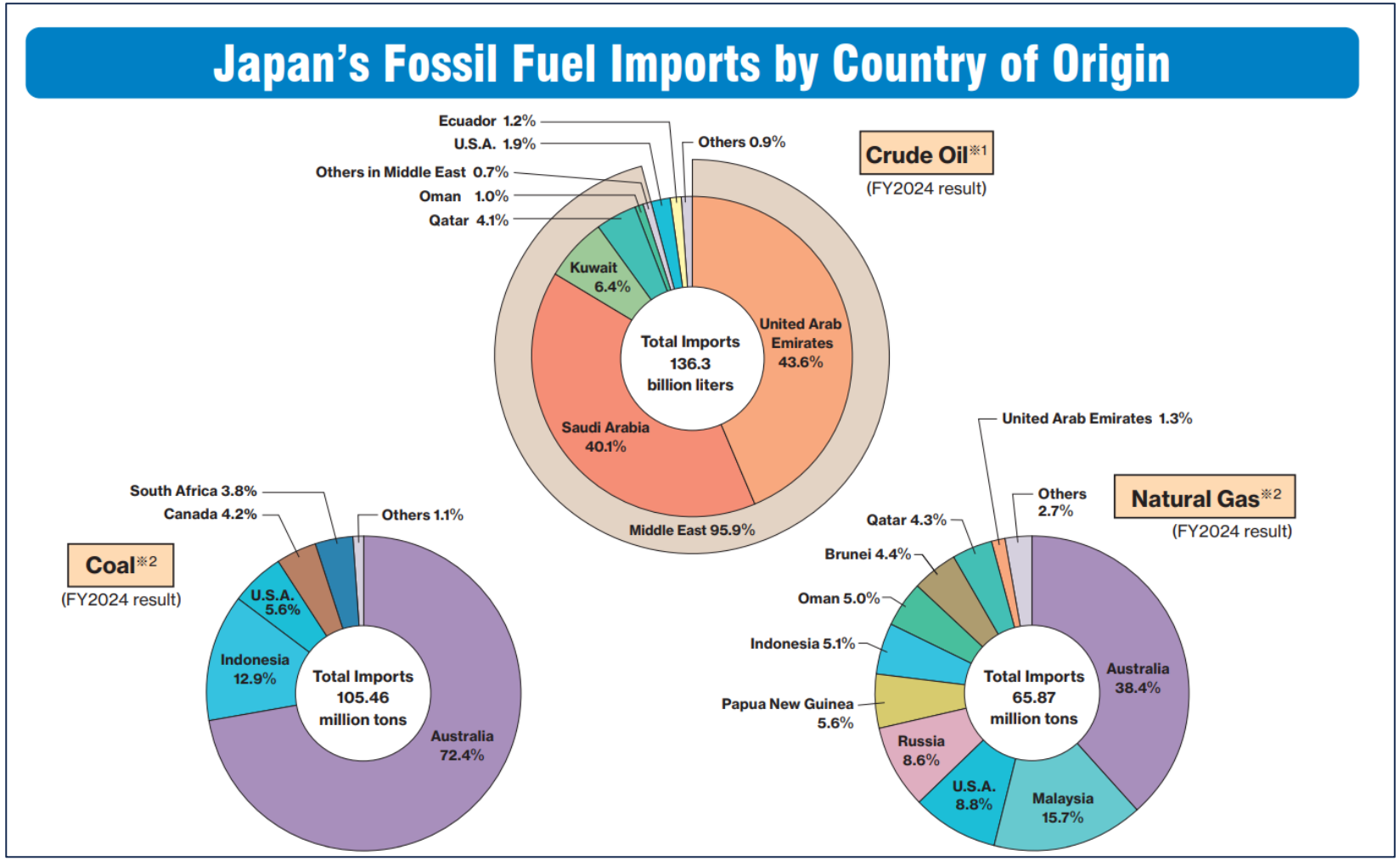
Lack of Self Sufficiency



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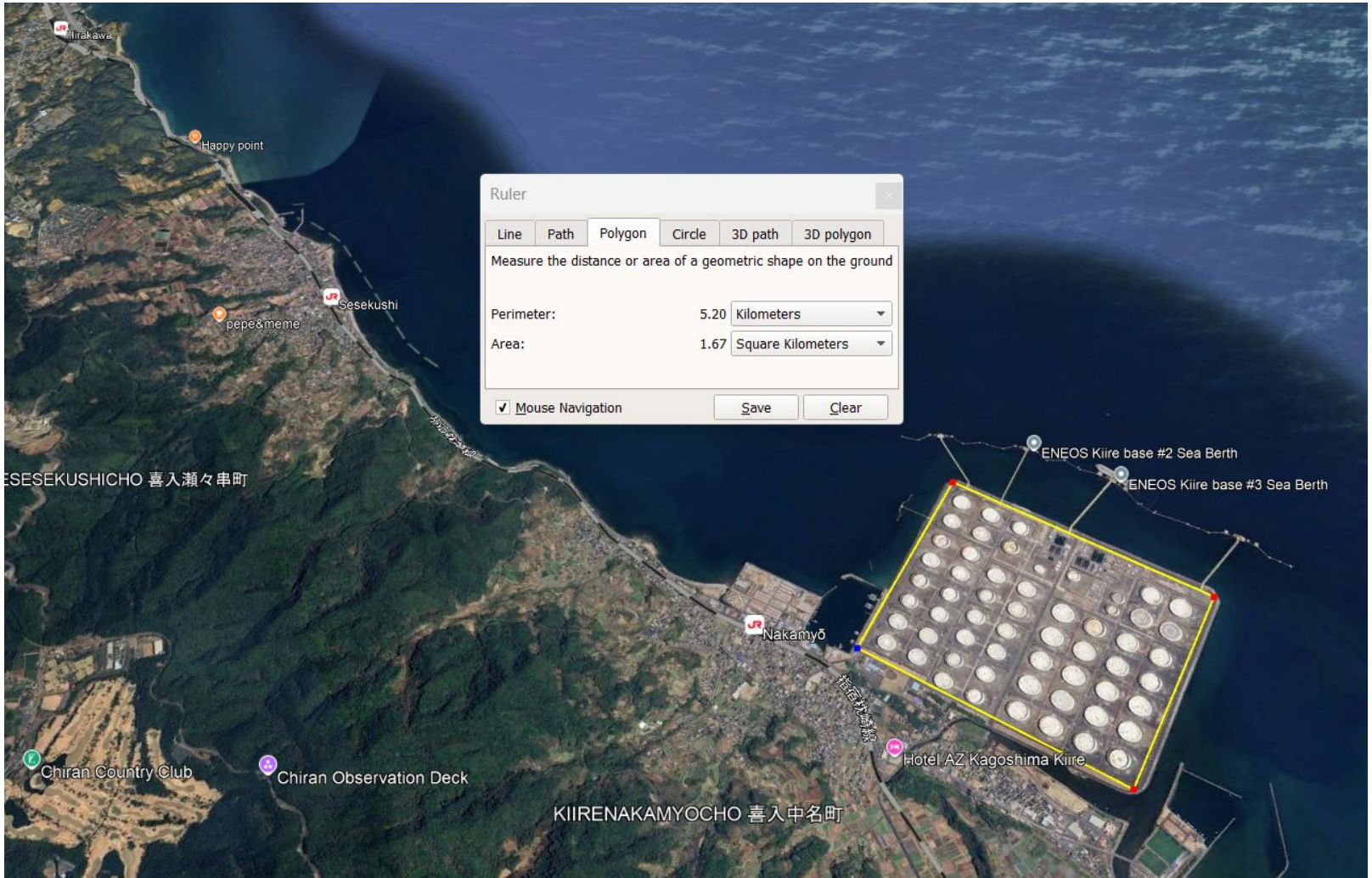
2 Weeks of Oil

- Oil shipped to southern tip of Kyushu from Persian Gulf
- Transhipped to refineries in Northern Kyushu and Honshu
- Then shipped back to cities in Kyushu, Honshu, Hokkaido, Shikoku
- Gasoline & Oil Pipelines are minimal in Japan
- Average Baseball field can fit on the top of those tanks



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- Choke Points
  - Strait of Hormuz
  - Strait of Malacca

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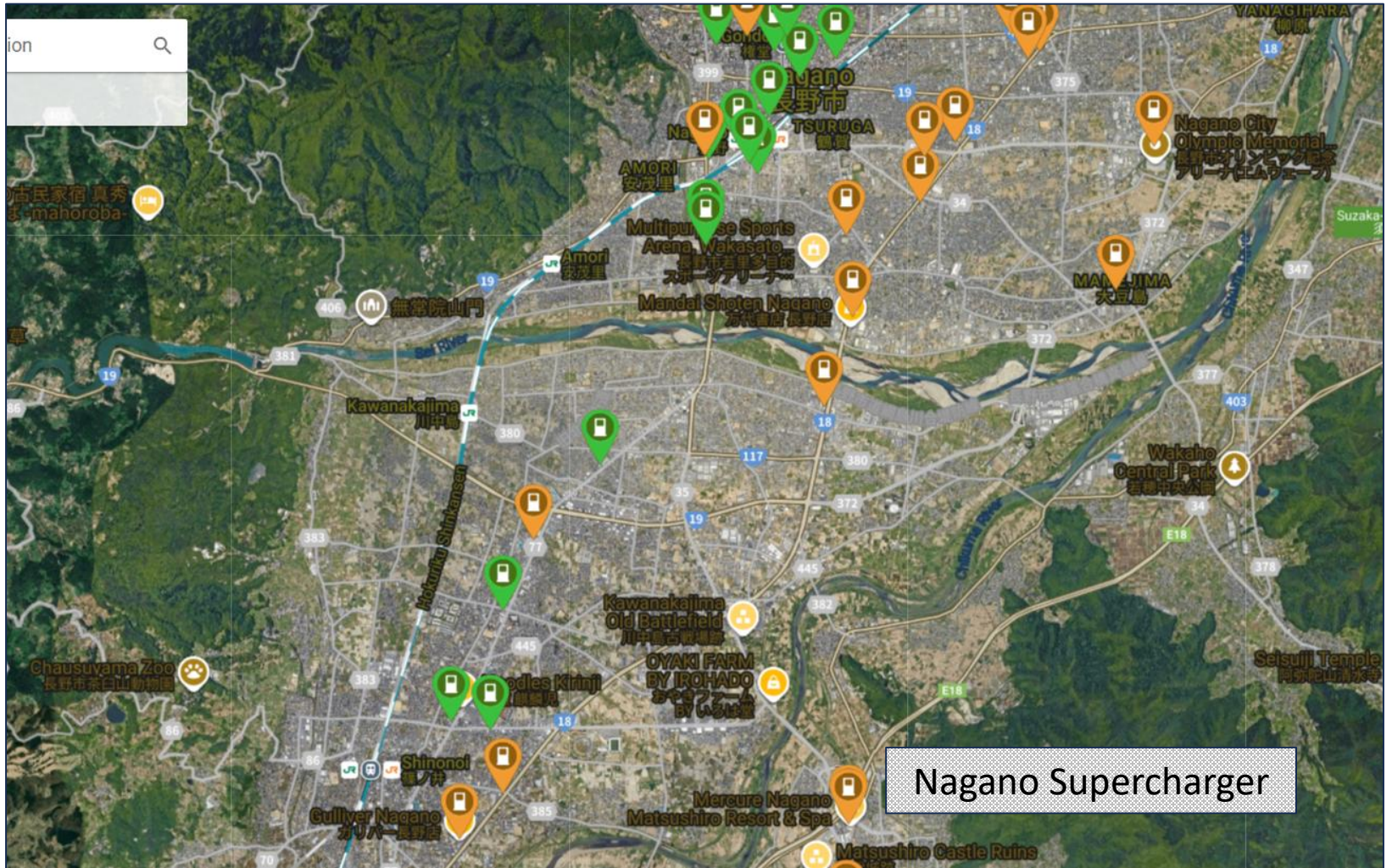
Nagano

- Site of 98 Olympics
- Direct high-speed rail & freeway to Tokyo
- One of first Tesla Superchargers in Japan



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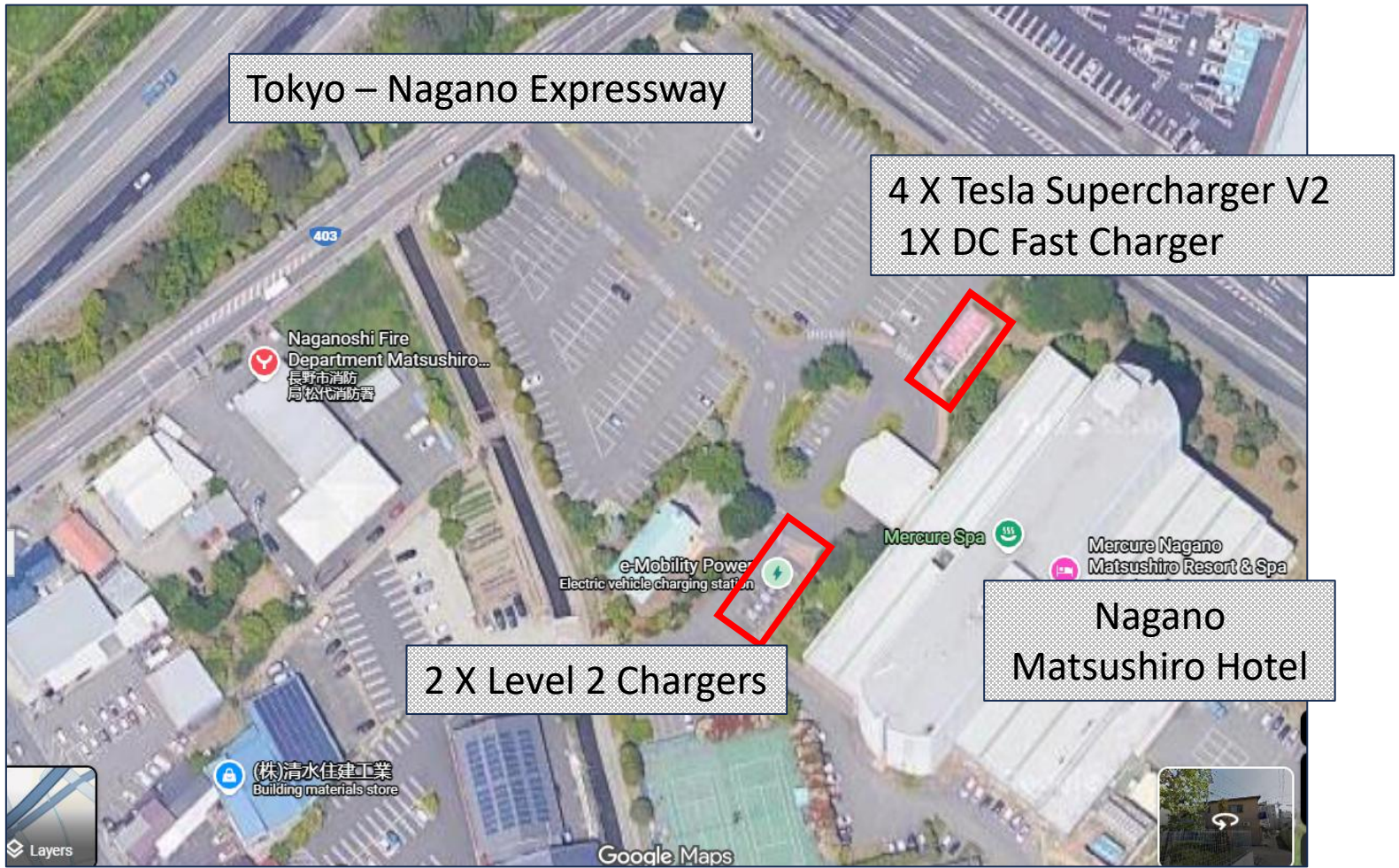
Nagano Matsushiro Hotel

- Hotel right off main highway to Tokyo - spent 3 days here
- 4 X Tesla V2
  - Never more than one Tesla
  - Usually empty
- 1 X Chademo DC
  - Only observed one Sakura using this
- 2 X Level 2
  - Only observed one car using this



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Nagano

- None of these were ever iced even on busiest nights
- Respectful culture - no anti EV culture observed

DC Charger X1 & Supercharger stalls X4

Level 2 Charger X 2

Boundary Rd Ottawa Supercharger

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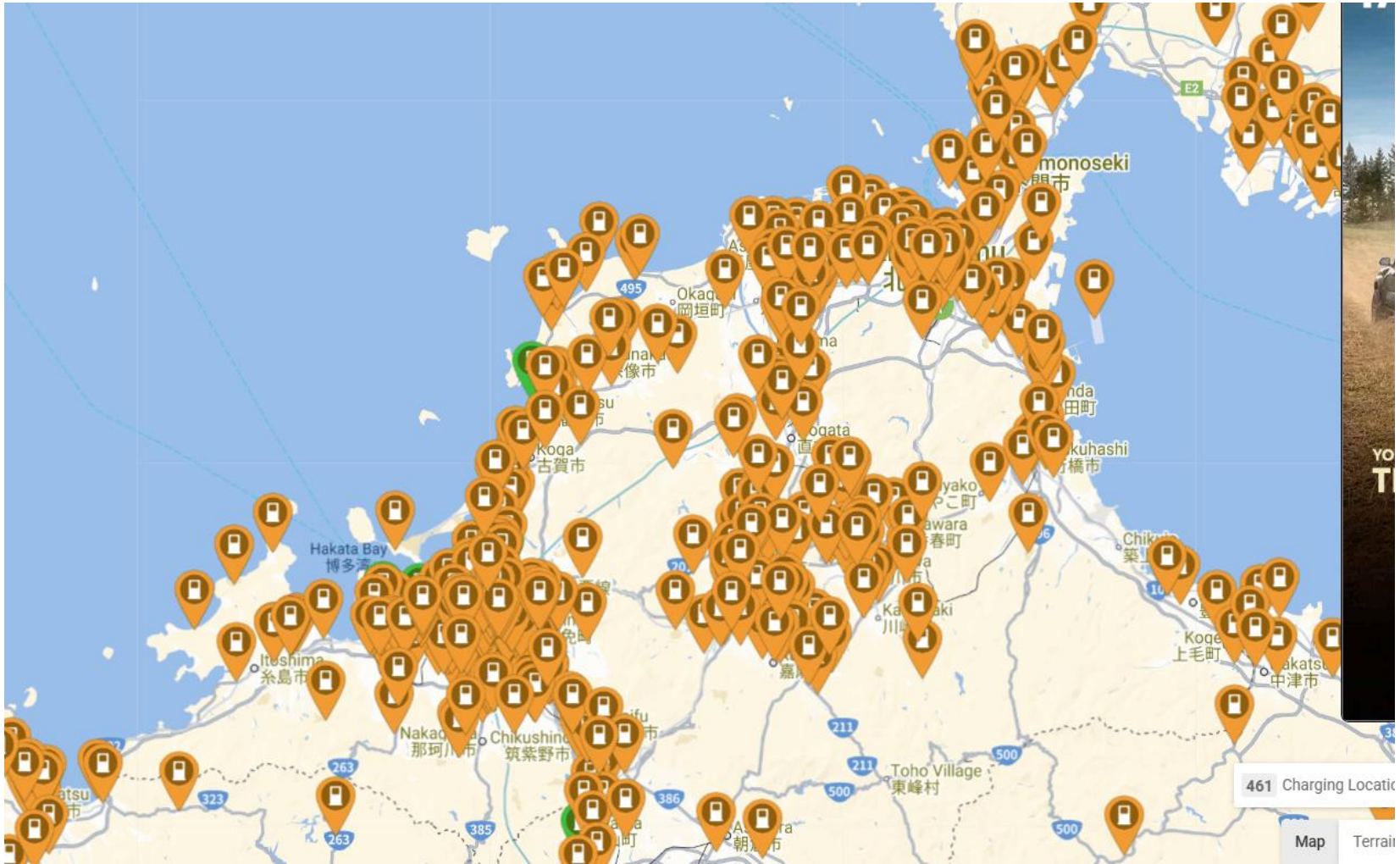
Fukuoka

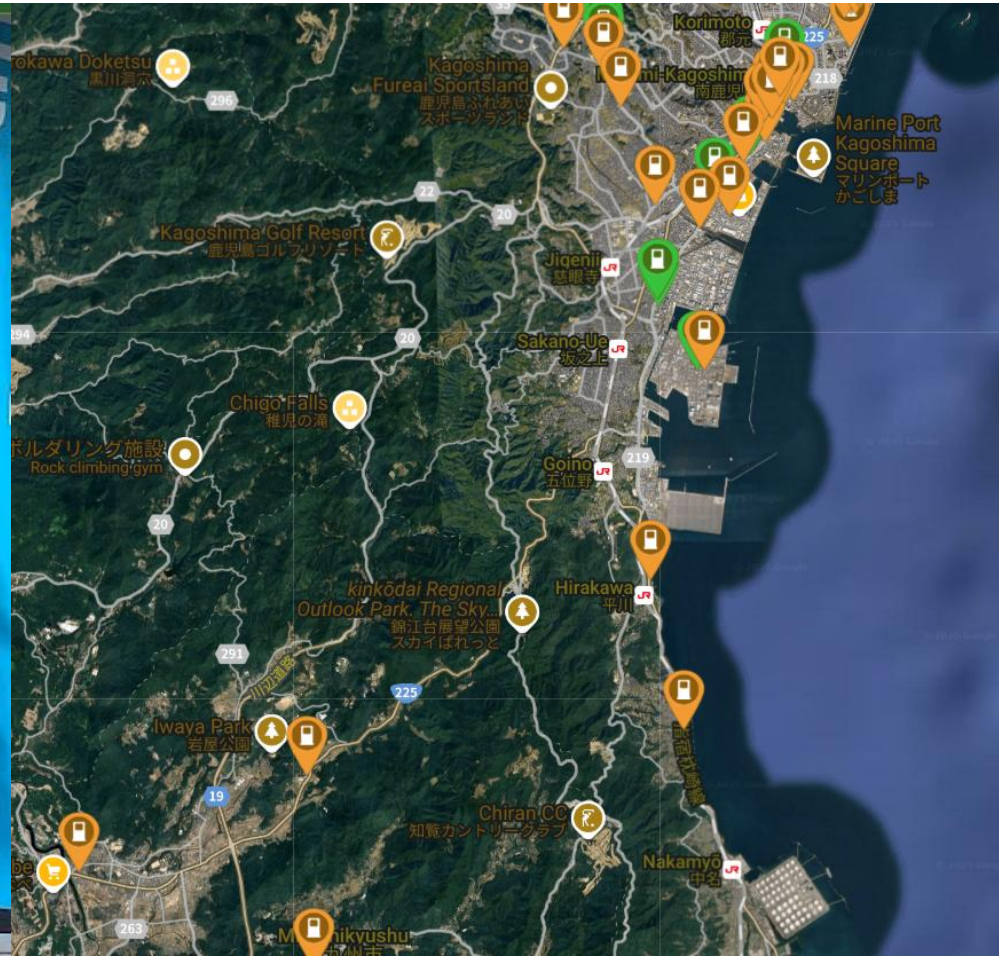
- Size of Montreal
- Fairly dense EV charging Infrastructure
- Chademo dominates
- Few EVs observed mainly Sakura, Leaf, Model 3 and Y



Electric Vehicle Council of Ottawa

Kagoshima

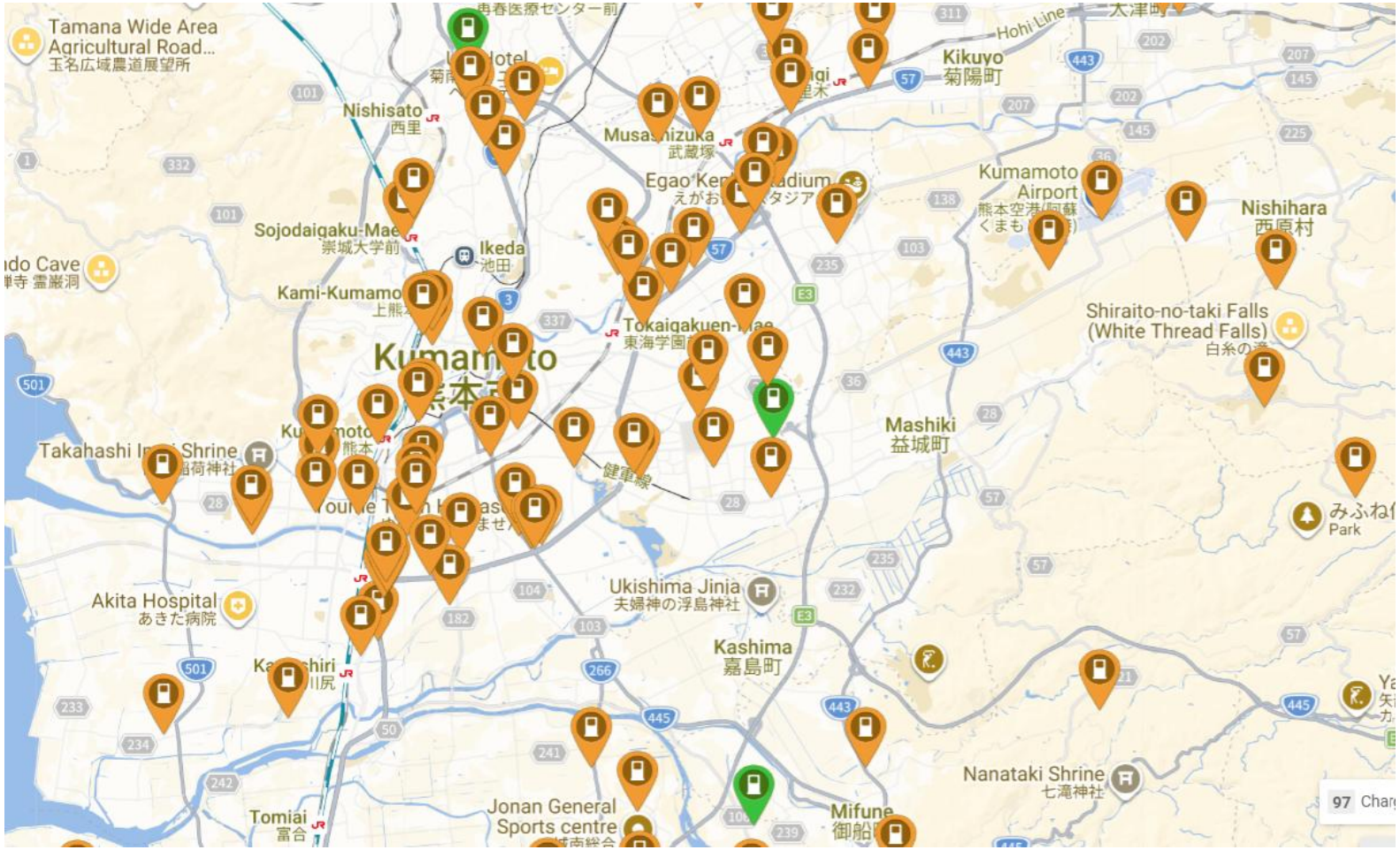
- Size of Halifax
- Few EVs observed
- Only ID Buzz seen in trip was at a Dealer
  - Price was approx 95 Canadian



Electric Vehicle Council of Ottawa

Kumamoto

- Size of Ottawa
- Few EVs
- Like all Japanese cities, well integrated rail & commuter system
- Spotted first Model X at train station



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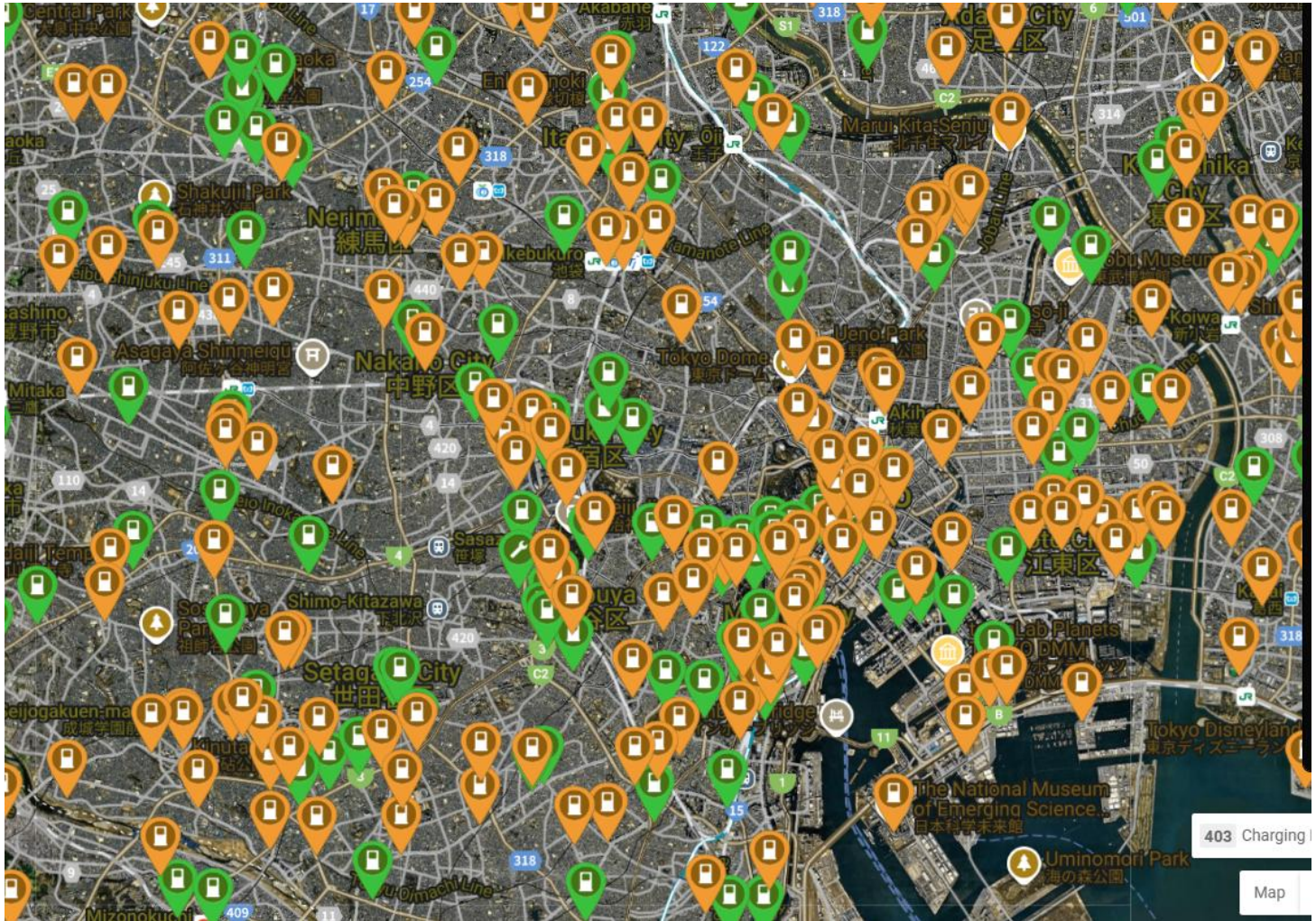
Tokyo

- Biggest city in the world
- EVs more prevalent
  - Many Nissans & Teslas spotted
  - Second Model X seen
- Highly integrated rail & commuter system
  - Shinjuku, Shibuya and Ikebukuro stations are 1,2,3 busiest stations globally have multi million pax daily



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Japan - Observations

- Nissan Sakura seen the most
- Teslas outside of Tokyo still a rarity
- Not one Chinese car seen
- Not one Korean car seen
- Not one American car seen except for Tesla
- Zero i-MiEVs seen
- No Hydrogen cars spotted
- Hybrid cars gaining popularity

Electric Vehicle Council of Ottawa

Conclusions

- Nissan dominates current EV market
  - Sakura, Leaf
- Tesla shown incremental growth
  - Model S, X no longer sold
  - Cybertruck never sold
- Japanese not buying BYD, less than 3,000 BYDs sold Jan - Sep nationwide
- Japanese not buying Toyota EVs, only 18 Toyota EVs sold in August
- Dense Charging infrastructure

Electric Vehicle Council of Ottawa

What's next

- Nissan will continue to dominate EV market in the near term
- Toyota is rolling out better EVs
  - Slow pivot away from Hydrogen?
- Honda and others making move serious moves into the EV space
- Tesla continues to expand supercharging network, only 3 and Y sold in foreseeable future
- New EV start ups are entering market
- BYD will continue in attempt to crack Japanese market
  - Problematic due to political & cultural reasons
- Charging infrastructure will continue to densify
- Opportunity for EVs to gain significant market share by 2030

Electric Vehicle Council of Ottawa

What's next

- Toyota BZ4X EV
- 746 km range Worldwide(WLTC) Harmonized Light Vehicles Test Cycle
- Starts from 43K CAD

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What's next

- Toyota e - Palette
- Multi Use Platform
- 250 Km WLTC
- Starts from 26K CAD

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What's next

- Nissan next Gen Leaf
- 702 Km WLTC

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What’s next

- Honda N One E
- Start from 25K CAD
- 295 km WLTC

Electric Vehicle Council of Ottawa

What's next

- KG Mibot
- Under 10K CAD
- Charges on Household AC 100 Volt
- 100~ Km Range
- Top Speed 60 km/h
- Perfect for narrow roads
- More Preorders than Toyota EV sales in 2024

Electric Vehicle Council of Ottawa

Summary

- Energy independence is an existential issue
- Japan is at a crossroads: Hydrogen or Electric

1,778 Sold worldwide in 2024

22,926 Sold Japan in 2024

Electric Vehicle Council of Ottawa

Questions?

Nissan Heritage Collection

No.009

Tama Electric Car (1947 : E4S-47-1)

Electric Vehicle

Specifications

Overall length / width / height
3,035/1,230/1,630mm

Wheelbase
2,000mm

Curb weight
1,100kg

Seating capacity
4

Cruising range per charge
65km

Motor (36V)
DC series-wound, rated at 3.3kW (4.5hp)

Batteries (capacity)
Lead-acid battery (40V/162Ah)

Top speed (economical speed)
35km/h (28km/h)

Electric Vehicle Council of Ottawa

Postscript

- Toyota sold 3,448 bZ4Xs in the 4th quarter 2025
  - Beat Nissan and all others in the 4th quarter
  - surge of more than 2,100% year over year in 4th quarter
- Tesla sold 10,600 in 2025
  - 90% increase over 2024
- BYD's sold 3,870 in 2025
  - 62%, increase over 2024
  - Only 180 cars sold in Jan 2026
- Hyundai did not crack top 25 in 2025

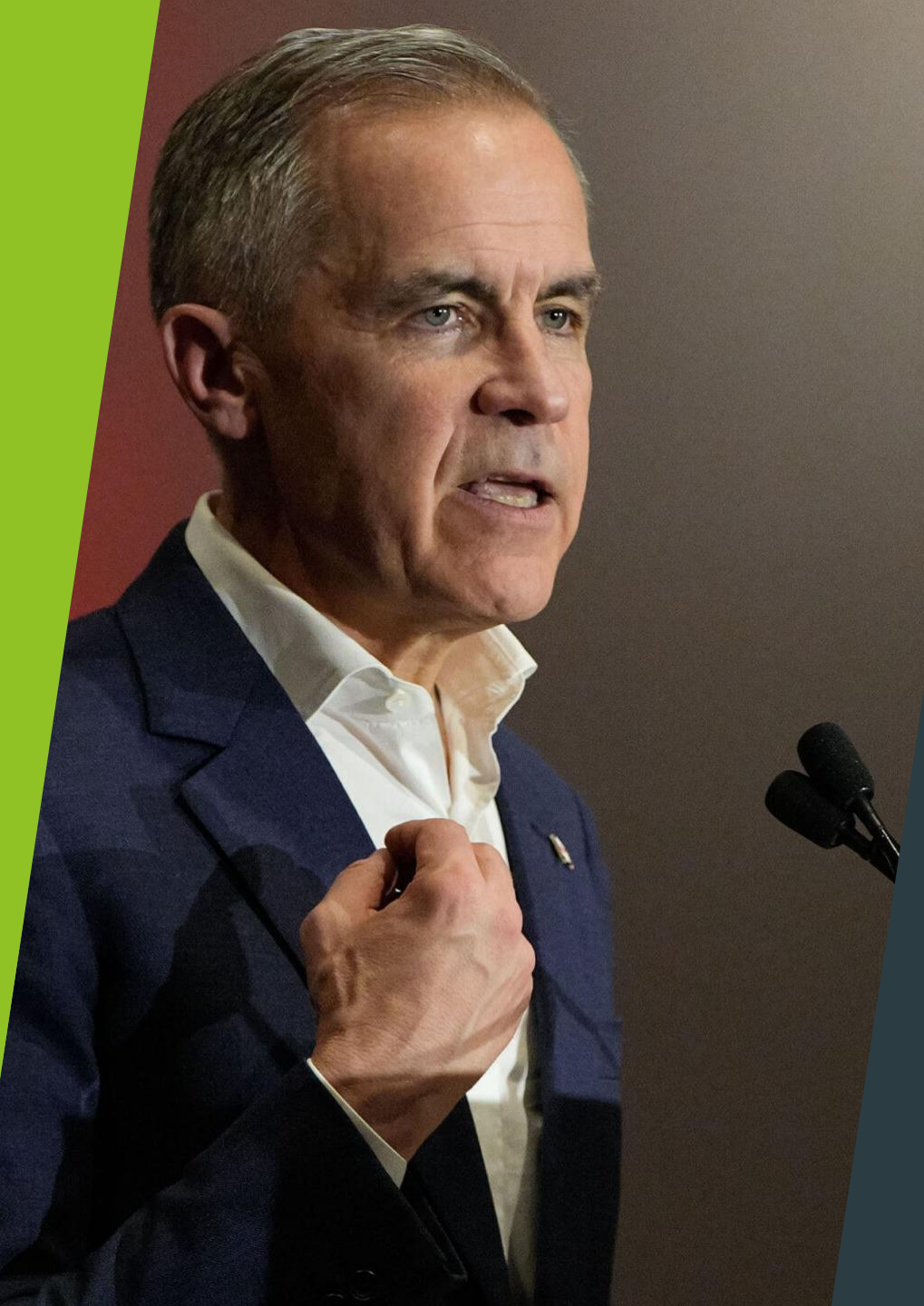
The News

February 2026

Electric Vehicle Council of Ottawa (EVCO)

Electric Vehicle Council of Ottawa

Michael Banks
Vice President, EVCO



EV Rebate Program is Back!

- On February 5th, PM Mark Carney announced a new $2.3 billion rebate program called the “Electric Vehicle Affordability Program” (EVAP)
- Under EVAP, EVs $50k or less get a $5,000 rebate starting March 31st.
- EVs must be made in Canada or a country with a free trade agreement.
- EVs made in Canada are exempt from the $50k cap.

$1.5 Billion to be Invested in Charging Infrastructure

- As part of the EVAP announcement, PM Carney also announced that the Canada Infrastructure Bank (CIB) will receive $1.5 billion to support charging infrastructure.
- The PM also announced plans to “double” Canada’s grid capacity to support the growth of EV charging stations.
- Under the plan, $84 million has already been committed to build 8,000 EV new chargers across the country.

Doug Ford Wants Canadians to Boycott Chinese EVs

- Ford cites unsubstantiated claims that Chinese EVs will “spy” on Canada, forgetting that every Canadian already walks around with a Chinese-made phone in their pocket.
- The ridiculous suggestion comes after last month’s trade deal with China where the country will be able to sell up to 49,000 EVs in Canada at reduced tariffs.

South Korea Intends to Bring Manufacturing to Canada

- Canada and South Korea have signed an MoU which intends to bring auto manufacturing for Hyundai/Kia to Canada.
- The deal is tied to a potential multi-billion dollar contract for 12 submarines.
- The deal also includes cooperation for battery manufacturing and material supply chain.
- The most likely location for a plant is Ontario with rumors that the GM CAMI facility may be up for sale soon.

Germany Considering Canadian Auto Manufacturing

- Germany is also looking to expand production to Canada calling Canada's auto sector "very attractive".
- German Economic Affairs and Energy Minister visited Ottawa on Feb 9th saying Germany's "car industry is willing to invest here" and is "in talks to extend our footprint" into Canada.
- Germany is also looking to sell Canada submarines, the success of which may be tied to any automotive plans.
- VW's PowerCo is currently building an EV battery factory in St Thomas ON which is set to supply another VW subsidiary – Scout – with EV batteries.

Suddenly Toyota Has Four New EVs!

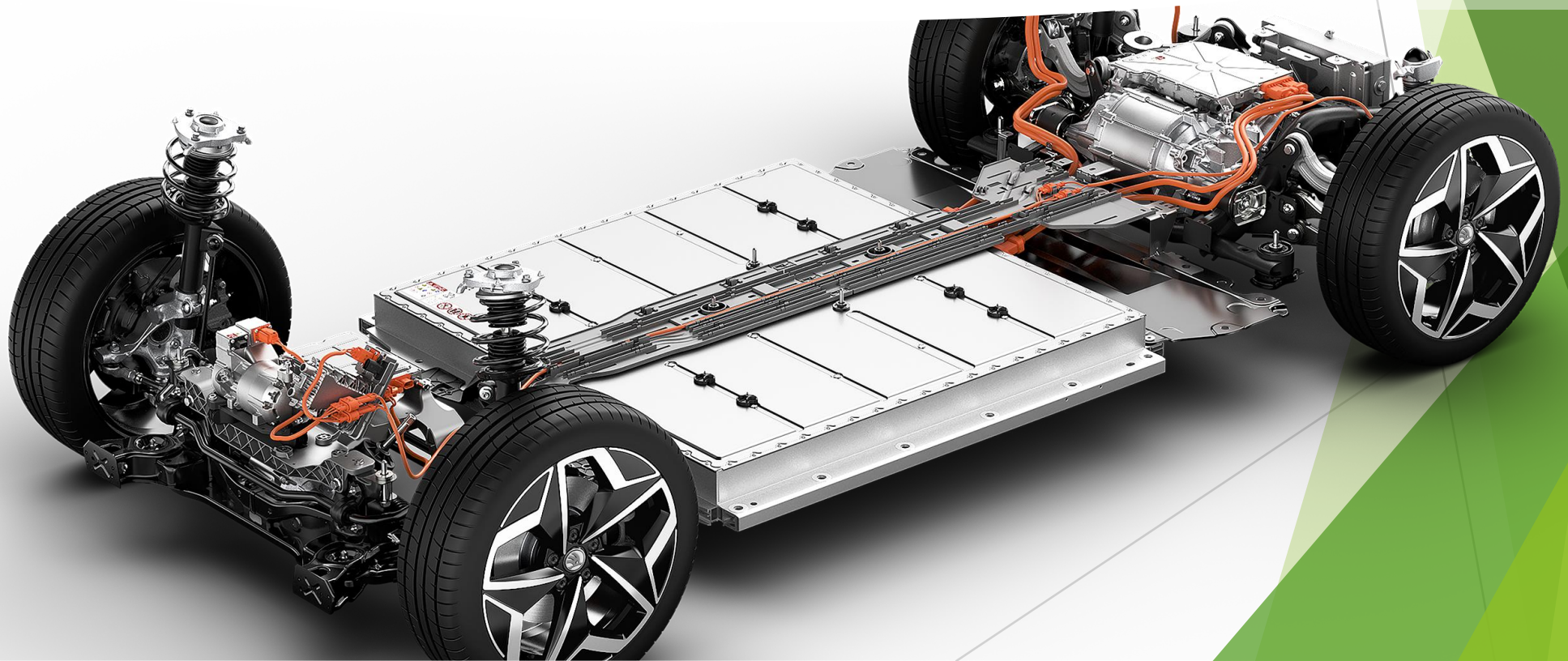
- Famously anti-EV Toyota has suddenly announced no less than four EVs slated to come out this year.
- Toyota revealed the *C-HR*, *BZ*, *BZ Woodland*, and *Highlander* this month.
- The C-HR is a sporty AWD EV hatchback and will start at $37k USD ($50k CAD) with 460 km of range.
- The new BZ replaces the BZ4X and is already on sale starting at $49k CAD with up to 468 km of range.
- The BZ Woodland is an Outback-like wagon with 450 km of range starting at $45k USD ($62k CAD).
- The Highlander will now only come as a three-row EV (2027 model year) with 515 km of range. Pricing hasn't been announced but the SUV will be built in the US.

Subaru Reveals Trailseeker

- Subaru has revealed its first EV made in-house, the Trailseeker.
- Essentially an electric Outback, the Trailseeker will join the Solterra as Subaru's second EV offering.
- Unlike the Solterra which is built by Toyota as a rebadged BZ4X, the Trailseeker will be produced at Subaru's own facility in Japan.
- The Trailseeker was co-developed with Toyota and the BZ Woodland is a rebadged version of the Trailseeker.
- Both vehicles have a 74.7 kWh battery with a range of around 450 km
- Of note, Trailseeker pricing is at parity with current Outback pricing and in some cases is a few hundred dollars lower than an Outback with the same trim.

New Study Shows Most EV Batteries Outlast Their Cars

- Diagnostics company Generational released a study of more than 8,000 tests across 36 automakers and found the average EV battery state of health to be 95.15% of original capacity.
- The results cover passenger and light commercial vehicles from brand-new to 12 years old.
- Odometer readings were from 0 to more than 160,000 miles (260,000 kms).
- Other findings include:
- 4-5 year old EVs median health: 93.53%
- 8-9 year old EVs median health: 85%
- High milage EVs (100,000+ miles): 88-95% SoH.



New Study Finds Once You Go EV You Don’t Go Back.

- JD Power’s 2026 *US Electric Vehicle Experience (EVX) Ownership Study* has found that 96% of all EV owners would still consider sticking with electric vehicles for their next vehicle despite not having access to the now-expired $7,500 US federal tax credit.
- On a 1,000 point scale, satisfaction among premium EV owners is 652, up 101 points from last year.
- Mass market EV owner satisfaction reached 511, up 115 points from 2025.
- Both saw satisfaction rates higher than PHEV owners by over 100 points each.
- The top-ranked premium EV was the Tesla Model 3 while the top-ranked mass-market EV was the Mustang Mach-E.

Biggest Study Yet Shows PHEVs Use 300% More Fuel Than Claimed

- Yet another real-world study of over a million plug-in hybrid vehicles has found that PHEVs use far more gasoline than previously claimed.
- That study by the Fraunhofer Institute shows that in average operation, PHEVs use more that three times as much fuel as government estimates suggest.
- The study used OBD data from over 981,035 vehicles across Europe.
- The vehicles were supposed to use on average 1.57 l/100km but in fact used an average of 6.12 l/100km.

Polestar Surprises With A Coming Electric 4 Wagon

- The Swedish-based, Chinese-owned car maker is launching four new cars in the span of three years.
- The company announced that this year, the Polestar 4 will get a new variant that will be a “wagon with off-road looks” likely similar to the Volvo V60 Cross Country.
- The new version of the 4 will be built in South Korea and will debut this year.
- Meanwhile, European deliveries of the Polestar 5 will begin this summer and next year the new generation of the Polestar 2 entry-level sedan will debut.
- Those will be followed by the Polestar 7 compact SUV in 2028.

Rivian R2 Enters Final Validation Testing

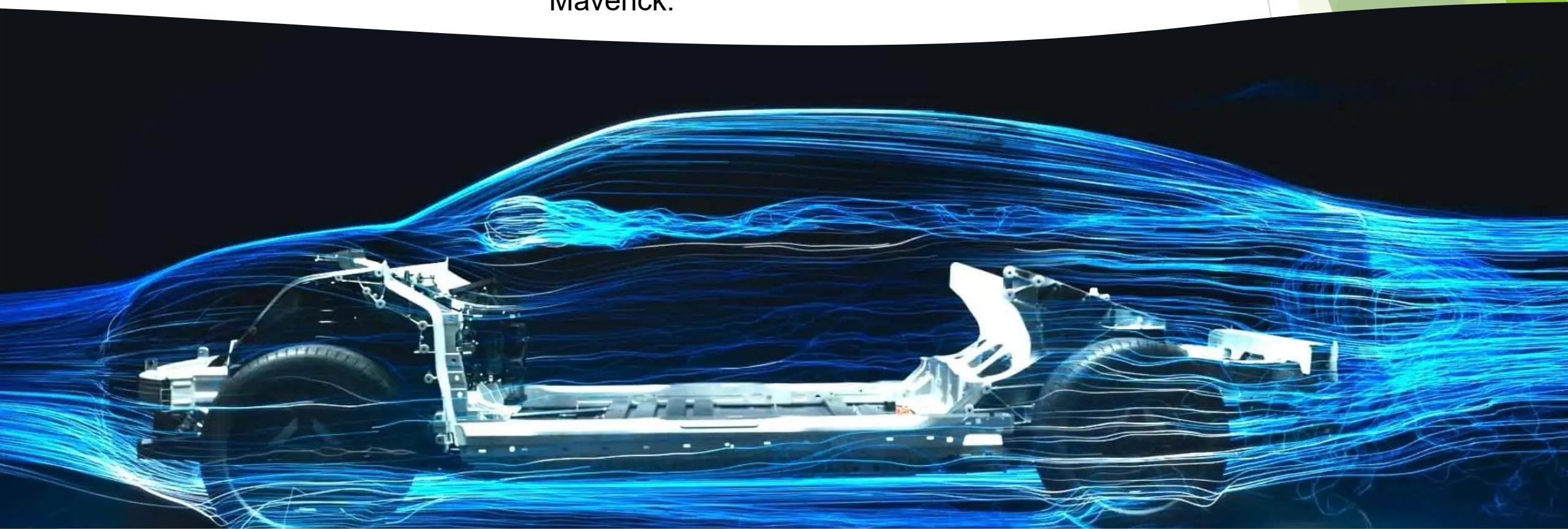
- Rivian’s upcoming R2 SUV is undergoing final validation testing before its imminent release in the first half of this year.
- The R2 is intended to be a mass-market EV starting around $45k US.
- Lightly-camouflaged versions have been making the rounds of the automotive press with several having been able to test drive the vehicle.

BYD’s New SUV Delivers Over 700 km Range For Just $35k CAD

- The BYD Song Ultra EV is the company’s newest EV with BYD’s head of sales announcing the vehicle will be “coming soon”.
- The vehicle will be equipped with a single front-mounted motor delivering 270 kW and have two battery pack options of 75 kWh or 82 kWh.
- The vehicle is expected to launch by the end of 2026 but no word on if it will come to Canada.

Ford Teases New $30k USD Electric Medium Pickup

- While the company recently cancelled the full-size F-150 Lightning, Ford has now revealed its new Universal Electric Vehicle (UEV) platform on which it intends to build a midsize truck for around $30k USD and launch in 2027.
- The new platform will be adaptable to a number of different vehicle types and borrows numerous EV platform technologies such as zonal architecture, structural batteries, and mega-castings.
- The platform will also use lithium-iron phosphate (LFP) battery cells.
- Ford announced the first vehicle to use the platform will be similar to the Maverick.



First Country To Ban New Gas Cars Is Doing Just Fine Thanks!

- Ethiopia made history when it banned the sale and import of new internal combustion vehicles in 2024.
- Despite dire predictions and hysterics from the fossil fuel industry, the country is thriving.
- The deciding factors behind the ban were economic rather than environmental. Ethiopia has to import massive amounts of refined petroleum which makes fuel one of its largest import expenses and a major drain of scarce foreign currency.
- With EVs, Ethiopia has been able to assert energy independence and has built two new hydropower projects creating 8 GW of new electricity capacity.
- By late 2025 the country had 115,000 EVs on the road (8.3% of total vehicle fleet) and users spend $4 per month on charging vs $27 per month of fuel.
- Thanks to the new hydro capacity the country has also begun exporting energy to neighbouring Kenya, Tanzania, and Djibouti.

Tesla Corner

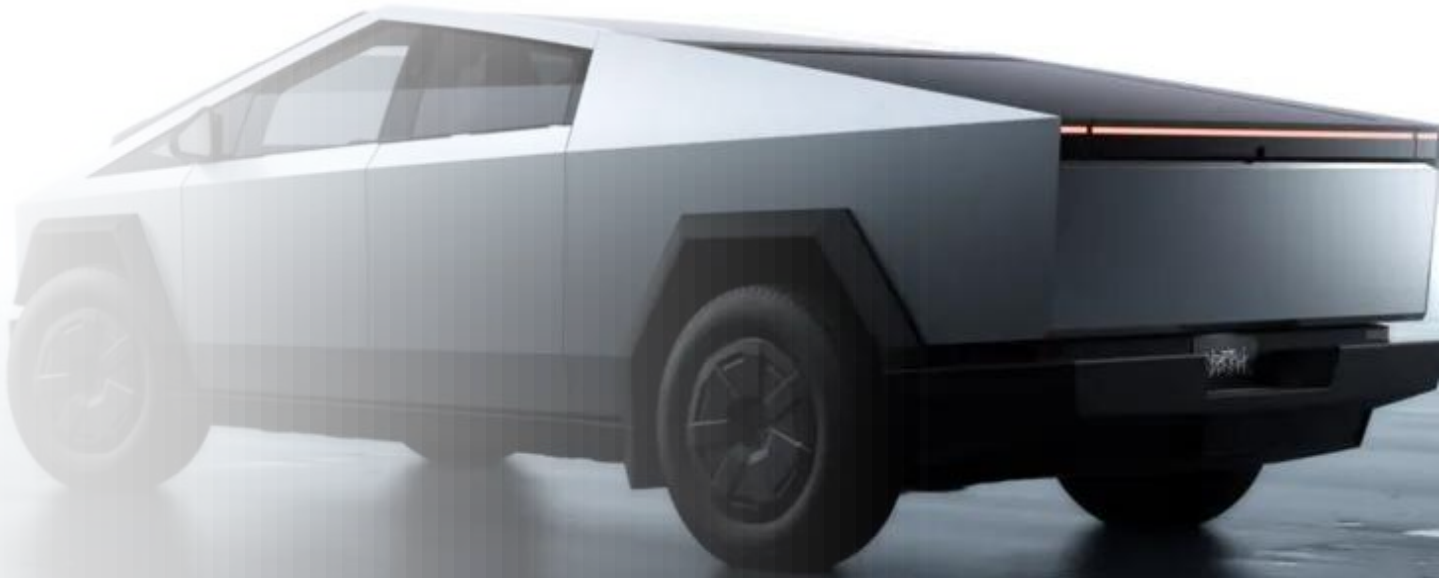
Tesla Kills off Flagship Models S and X

- Tesla announced it will be halting production of both the models S and X next quarter.
- The Model S has been in production since 2012 while the X debuted in 2015.
- Tesla reported its second year in a row of declining revenue and profits as the controversial CEO has alienated potential customers with his extremist politics.
- The company says it will be focusing more on building robots instead and that both models have seen declining sales.

Tesla Corner

Tesla Announces Then Kills More Affordable Cybertruck

- With very low Cybertruck sales in 2025 Tesla announced a new, more affordable version which it then killed ten days later.
- The new Cybertruck was supposed to be a dual-motor all-wheel drive base model at a price of $59,999 USD - $20k less than the current cheapest variant.
- It would not have air suspension and would have come with smaller 18-inch wheels.
- Musk however tweeted that this version would available “Only for the next 10 days” confirming that it is being treated as a limited-time production.
- When Musk initially launched the Cybertruck he promised it would cost $39,900. Upon debut however the price jumped to $80,000+ with no indication a less expensive version was coming.



Tesla Corner

Tesla Removes Autopilot From All Model 3 & Y Trims Due To False Advertising

- Last month Tesla suddenly removed its Autopilot driver assistance features from all new Model 3 and Y vehicles.
- While unexplained at the time it is now being reported that the removal was part of “corrective action” being taken related to a ruling against Tesla by the California DMV for “long-standing allegations of deceptive marketing”.
- California had been preparing to suspend Tesla’s dealer licence after it found the company’s Autopilot marketing exaggerated what the driver assistance feature was actually capable of.
- Both Autopilot and Full Self-Driving require human supervision and have never been fully autonomous systems.

Tesla Corner

Tesla Robotaxis Wreck 4x More Than Humans,

- Tesla has reported five new crashes involving its limited “Robotaxi” fleet in Austin Texas.
- The new crashes bring the total to 14 since the service launched 8 months ago.
- The data comes from the latest update to NHTS with one crash last July requiring hospitalization of an occupant.
- The data shows that Tesla Robotaxis have a crash every 57,000 miles on average despite having human monitors on board.
- In comparison, the average American driver experiences a collision every 500,000 miles.
- This means Tesla’s fleet is crashing at approximately 8 times the human rate despite having safety drivers on board.
- Waymo has logged 6.4 million miles with no safely driver with only 51 incidents in Austin, and incident rate of 1 for every 124,254 miles.

Tesla Corner

Tesla Begins Cybercab Production

- Tesla has begun production of its first purpose-built autonomous vehicle, the Cybercab.
- The first vehicle rolled off the Gigafactory Texas production line according to a post by Tesla on Twitter.
- The Cybercab is intended to compete with Waymo's robotaxis and was unveiled at a 2024 "We Robot" event.
- The vehicle is supposed to come without a steering wheel or pedals and depend entirely on the company's FSD driver assistance technology.
- Musk claims the company will produce "five million robotaxis a year".
- The milestone comes with the company not yet having solved issues with its self-driving software.

Past Events

Reaching outside the bubble!

Electric Vehicle Council of Ottawa

Electric Vehicle Council of Ottawa

EVCO Kilowatts & Coffee

Saturdays, 10am-noon

February dates and locations:

- Jan 31st – Starbucks Place d'Orléans Food Court
- Feb 7th – LUNA Crepes & Café 110-329 March Rd. Kanata
- Feb 14th – Second Cup, 1715 Merivale Rd, Nepean
- Feb 21st – Starbucks Place d'Orléans Food Court
- Feb 28th – LUNA Crepes & Café 110-329 March Rd. Kanata

CAFES EVENT

OTTAWA'S ELECTRIC FUTURE

LUNCH & LEARN
PEAK GRID LOAD AND BATTERY ENERGY STORAGE

Complimentary Buffet Lunch

MICHAEL BARNARD
TFIE Strategy
How Batteries are Reshaping the Energy System

DR. KRISTEN SCHELL
Carleton Engineering
Evolution of the Ontario Grid and BESS

DEVASHISH PAUL
BluWave-ai
Energy Demand Management

ANGELA KELLER-HERZOG
CAFES Ottawa
Moderator

Thursday 29 January 2026 11:00 am to 2:00 pm
Bayview Yards: Ottawa's Innovation Centre
7 Bayview Station Road

11:00–12:00 Cleantech Mini-Exhibition
12:00–12:30 Networking Buffet Lunch
12:30–2:00 Energy Panel followed by Q&A

Hosted by:

CAFES Ottawa
Community Action for Environmental Sustainability

Invest Ottawa | Investir Ottawa

RSVP at Eventbrite:
https://bit.ly/CAFES_Lunch_and_Learn

How AI Turns EVs into Grid Assets

Date & Time	Feb 3, 2026 07:30 PM in America/Toronto
Description	Using machine learning to balance renewable and non-renewable energy sources in real-time, reducing costs, carbon emissions, and improving reliability for utilities and operators.

ELECTRIC VEHICLE SOCIETY

Upcoming Events

Electric Vehicle Council of Ottawa

Monthly Meeting – Mar 30th

- Will also have a Teams meeting for those who can't be there in person and to record
- **Blackburn Community Hall**
  - **190 Glen Park Dr, Gloucester**
  - Free parking
- No Refreshments

Electric Vehicle Council of Ottawa

Electric Vehicle Council of Ottawa

EVCO Kilowatts & Coffee

Saturdays, 10am-noon

December dates and locations:

- Feb 28th – LUNA Crepes & Café 110-329 March Rd. Kanata
- Mar 7th – Second Cup, 1715 Merivale Rd, Nepean
- Mar 14th – Starbucks Place d'Orléans Food Court
- Mar 21st – LUNA Crepes & Café 110-329 March Rd. Kanata
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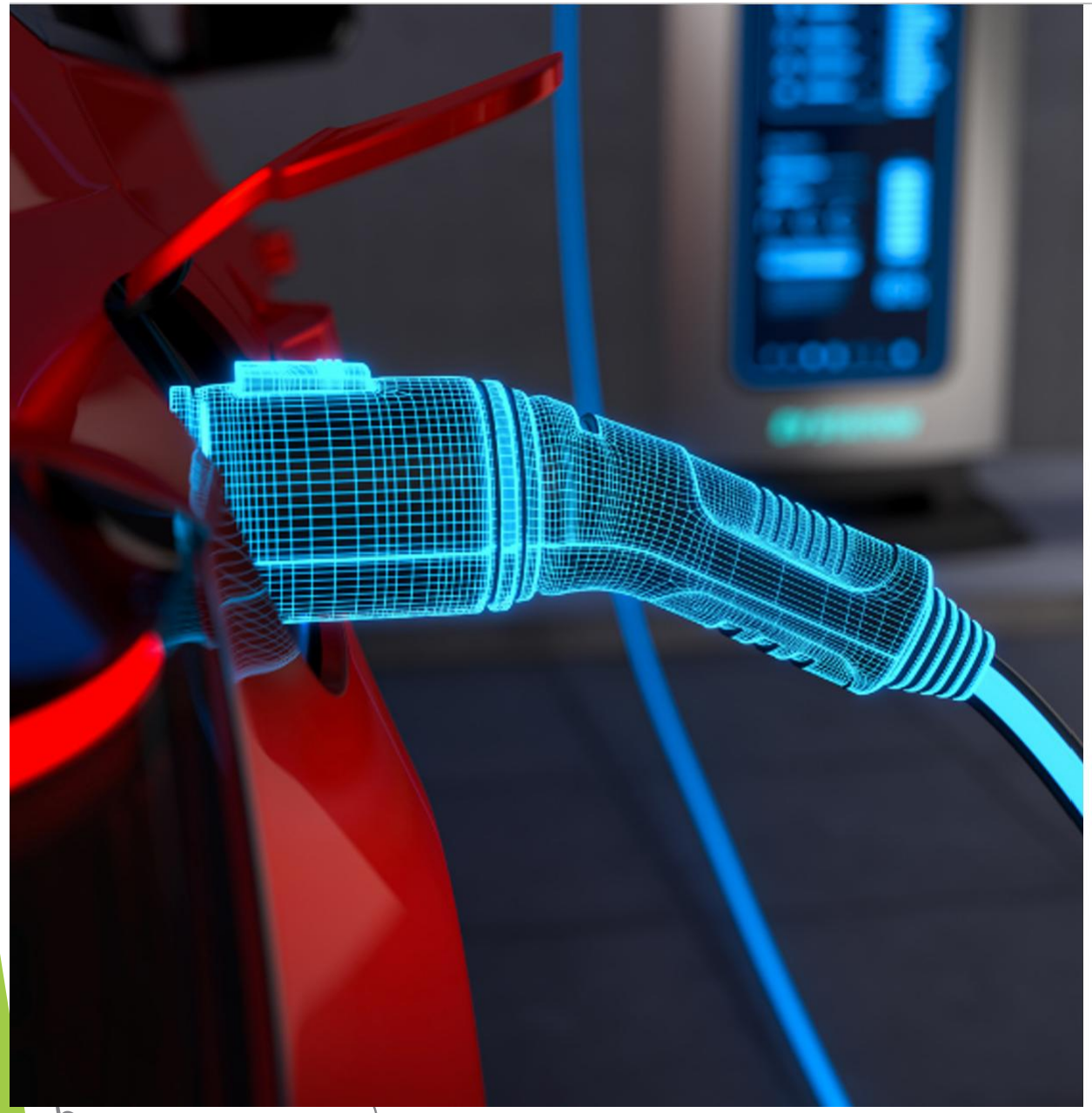

ELECTRIC VEHICLES & CANADIAN AUTO POLICY

Shape Canada's Transportation Future. Explore how policy, innovation, and sustainability are driving the shift to electric mobility.

March 17 | 1–2:30 PM
Room Camille Villeneuve, DMS 4101

🥗 Free Lunch | 🏆 Team Challenge

In partnership with Electric Vehicle Council of Ottawa

Register For Free

SDG MONTH CANADA
Advancing the Sustainable Development Goals on university and college campuses

CAFES NRCan Bid

- NRCan Request for Proposals
  - “Electric Vehicle test drives and charging education” stream
    - Closed February 19th
  - “will receive notification within 100 days”
    - Into May, probably sooner
    - Our season starts in April
- Other partners are EVCO and CNL (Climate Network Lanark)
- Includes staff that would help organize
- Focus on rural areas in Eastern Ontario
- Workshops – charging and other topics
- Test Drives – leverage dealer vehicles
  - This is not always easy…

Electric Vehicle Council of Ottawa

Coming up this year

- 10 March – 10AM - EV Presentation - Heron Community Centre
- 17 March - 1-2:30 - uOttawa
- April 10-12 – Gatineau Auto Show
- April 26th 10-3PM – Kemptville
- April 29 – Engineers - Mike
- 23 May - Westport EcoFest
- 5-7 June - Blackburn Fun Fair
- June 6 - CAFES
- June 18-21 - Archery - Canada Cup East for 2026 - Twin Elm Rugby Park in Richmond
  - 18 is only evening
- July 1st Queenswood Heights Canada Day Event
- July 18th Westport Car Show - 9:00 a.m. to 3:00 p.m
- 15 August – Avalon Family BBQ
- 22 August – 10-4PM – Queenswood Heights Family Fun Day and Music Festival
- 22-23 August – Pride
- Sept – “A Taste of Wellington”

Membership

- Please sign up
- Helps us with insurance and other expenses

Membership fees – New for 2024!

Plugged In

$30/year

Subscribe

Charging

$50/year

Subscribe

Fast Charging

$100/year

Subscribe

Donate

As we ramp up our activities we are appreciative of anyone wishing to help fund our efforts. If you would like to provide a donation in addition to your annual membership, you can do so here:

Donate to EVCO

EVCO

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The Electric Vehicle Council of Ottawa (EVCO) is dedicated to promoting the use of electr ...more

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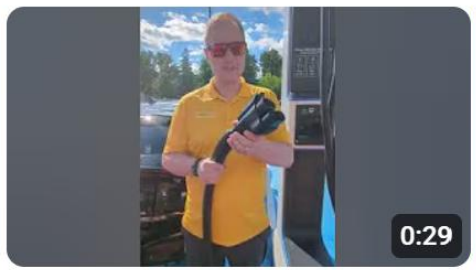

Roundtable!!

Rebates

Chinese EVs

Electric Vehicle Council of Ottawa