

EV Market Update

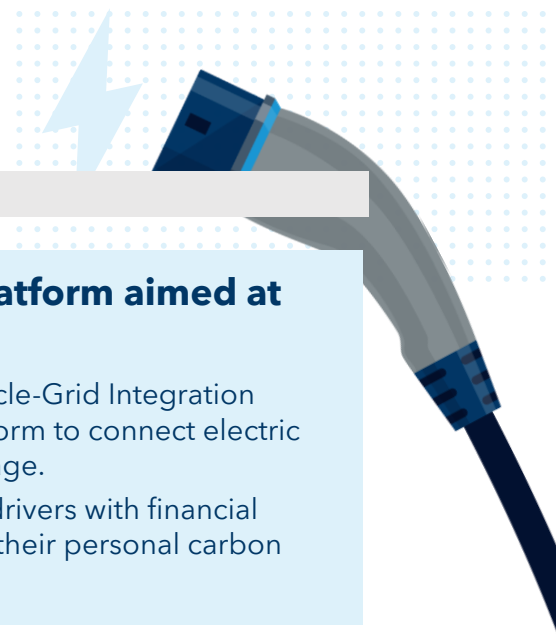




CANADA

BMW, Ford and Honda agree to create a new platform aimed at optimizing Electric Vehicle Grid Services

- After years of cross-industry research through the Open Vehicle-Grid Integration Platform (OVGIP), BMW, Ford and Honda are creating a platform to connect electric utilities, automakers and EV customers to manage energy usage.
- The new platform, called [ChargeScape](#), plans to provide EV drivers with financial benefits through EV-enabled grid services, as well as reduce their personal carbon footprints while providing grid benefits.



BRITISH COLUMBIA

BC Hydro adding higher-powered fast chargers to its network

- At Fully Charged LIVE Canada, [BC Hydro announced](#) it is adding 180 kW chargers to its fast-charging network.
- The first communities expected to receive these units include Tumbler Ridge, Manning Park, Mackenzie and Surrey. BC Hydro aims to start installing in late fall 2023 and many new locations planned in 2024 will also have higher-powered charging units.



ALBERTA

[no updates in the November/December 2023 issue]



SASKATCHEWAN

[no updates in the November/December 2023 issue]



MANITOBA

NDP Wins Manitoba Election

- The NDP won a majority in Manitoba's recent provincial election. Premier Wab Kinew will be the first First Nations Premier in Canada, and have [a number of environmental priorities](#) including the following to encourage EV adoption:
 - Work towards Net Zero commitments
 - Move transit buses off diesel by building more electric transit buses
 - Provide rebates for new and used EVs and plug-in hybrids
 - Build more EV charging stations

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- Work with local companies like New Flyer to create new jobs in electric transit and grow the economy.



ONTARIO

Federal Investment to Deliver 48 New EV Chargers across Southern Ontario

- Natural Resources Canada (NRCan) [announced a \\$229,356 investment](#) in Hypercharge to install 48 Level 2 EV chargers in 11 parking lots across Southern Ontario. Additional funding was provided by Hypercharge, bringing the total project value to \$458,712.

Electrical Safety Authority Ramps Up Electric Vehicle Charging Safety in Ontario

- The Electrical Safety Authority (ESA) recently [conducted a safety blitz](#) in Toronto to assess EV charger installations and found more than 400 incidents of working without an ESA permit. This means that the installation may not be to code or safe.
- To help educate homeowners, ESA has launched a public safety campaign on the importance of only using approved charging equipment, and having it installed by a Licensed Electrical Contractor who obtains an ESA permit.



QUÉBEC

Québec strategy on electric vehicle charging

- The Government of Québec has launched its 2023-2030 EV Charging Strategy.
- Supported by \$764M over five years (appr. \$250M of which was previously announced), the Strategy - developed with Dunsky's support - is designed to ensure ample charging infrastructure is available to accommodate the rapid growth in EVs now required by law in the province. Some highlights include:
 - In 2030, 35% of parking spaces in multi-residential buildings, or around 600,000 spaces, will be adapted to allow the installation of charging stations
 - In 2030, Quebec will have 6,700 public fast charging stations and 110,000 level 2 public charging stations
- The government is also planning to [add more than 116,000 charging stations](#) to the province – an investment of more than \$514 million over the next five years.

For more information, read the [Summary \(FR only\)](#) and full [2023-2030 EV Charging Strategy \(FR only\)](#)



New call for projects to support the transport of the future

- The Ministry of the Economy, Innovation and Energy is [launching a second call for projects](#) (FR only) on the development of transport technologies.
- This call will select projects presented by private companies in the land transport, maritime transport and aerospace sectors, including support for collaborative projects for the development of innovative products in the electric vehicle industry.

Electrification of school transportation

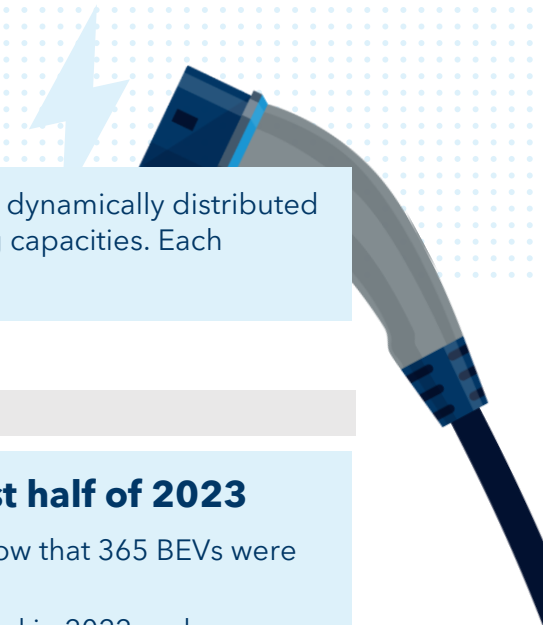
- The Government of Quebec has [announced the enhancement of the School Transportation Electrification Program](#). (FR only)
- The changes made to the program will include:
 - Increased financial assistance for the acquisition of electric school buses up to \$150,000 for the year 2023-2024;
 - Addition of financial assistance of \$25,000 for bus models with a battery capacity of 155 kWh and more;
 - Possibility of submitting a request for financial assistance for charging infrastructure before ordering electric buses, in order to accelerate the planning and deployment of terminals by carriers.

Brossard Leasing begins electrifying its Heavy-Duty Truck Fleet with GLOBOCAM and Cleo's Turnkey Charging Service

- Brossard Leasing is a leader in heavy-duty vehicle rentals in Québec, and [has announced](#) a collaboration with Cleo, a subsidiary of Hydro-Québec specializing in customized charging management for commercial fleets, and GLOBOCAM, heavy-duty vehicle dealership and expert in electric vehicles.
- Brossard Leasing customers, including Transport Guilbault, Les Emballages Carrousel, Groupe St-Hubert, Transport Gariépy Canada, and one of Canada's leading health product companies, will have access to this transition to electric vehicles.
- In addition to the charging infrastructure deployed by Cleo, Brossard Leasing will also access Cleo's smart charging management platform.

The Electric Circuit introduced DCFC stations with power sharing

- The Electric Circuit is [deploying new DCFC stations](#) with dynamic power sharing in the city of Rivière-du-Loup.
- The new stations are made by Kempower of Finland and distributed in Québec by Bornes Québec.

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- Three charging outlets share a total of 500 kW of power that is dynamically distributed among connected vehicles based on their respective charging capacities. Each charging cable can deliver up to 300 kW of power.



NEW BRUNSWICK

EV sales in New Brunswick set a record in the first half of 2023

- [Statistics Canada released updated registration data](#) which show that 365 BEVs were registered in New Brunswick in the first half of 2023.
- This represents a 67% increase as compared to the same period in 2022 and more than four times the number registered during the first half of 2021.



NOVA SCOTIA

[no updates in the November 2023 issue]



PRINCE EDWARD ISLAND

PEI has pledged to quadruple its fast chargers in 2024


- The department of Environment, Energy and Climate Action is working to [quadruple the number of DCFC chargers](#) in the province by the end of 2024. There are currently six fast chargers across the province.
- The government plans to leverage dual-charging stations so that each has two ports for cars to use. It's also accepting proposals to add another 12+ stations in 2024, which would increase the number of charging ports owned by the province to 24+.



NEWFOUNDLAND AND LABRADOR

Application for EV Load Management Program

- On August 31, 2023 the board approved the application filed by NL Power from June 2023 for an EV Load Management Program Pilot.
- The Board found that it is appropriate for NL Power to undertake initiatives to assess EV load management strategies given the projected increases in EV adoption and the potential for substantial impacts on peak demand and system costs.
- On October 11, 2023 the board dismissed the Consumer Advocate's request for a rehearing of the application.
- After careful consideration of the comments from the Consumer Advocate and Newfoundland Power, the Board found that there is no basis for a rehearing or deferral because its order to proceed with the pilot:

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- is consistent with other Board orders which stated that appropriate electrification initiatives combined with measures to reduce peak load are likely to lead to positive outcomes for customers in the long run,
 - concludes that the Pilot Project will provide valuable information with respect to appropriate measures to manage EV load in the province,
 - addresses concerns as to upward rate pressures as the Pilot Project would help to avoid exposing customers to risks of higher system costs, and
 - addresses concerns of duplication with other studies already approved by the Board.

For more information, read the [Application](#) and [Proceeding Documents](#)



TERRITORIES

First fast charger now available in Yellowknife

- The Government of the Northwest Territories [announced](#) it is providing Northland Utilities with up to \$300,000 to support installing two public electric vehicle (EV) fast-charger stations in Yellowknife.
- Yellowknife's first fast charger is now up and running and is located at Northland Utilities' main office and operates 24 hours a day at a rate of \$32 per hour.
- A second 100 kW fast charger is expected to be available soon – to be located at the Prince of Wales Heritage Centre.

Government of the NWT provides \$3.6 million to support EV charging corridor

- The Government of the Northwest Territories (GNWT) is contributing [an additional \\$3.6 million](#) to support an EV charging corridor in the territory.
- As committed to in the [2030 Energy Strategy](#), the \$3.6 million will support the completion of a zero-emission corridor with the installation of Level 3 charging stations in Fort Providence, Enterprise, Hay River, Buffalo Junction and Fort Smith.
- This investment is from a combination of sources:
 - New funding under the GNWT's 2022-25 Energy Action Plan (\$1.76 million)
 - The GNWT's GHG Grant Program, which is supported by the Government of Canada's Low Carbon Economy Leadership Fund (\$1.5 million)
 - The GNWT's Electric Vehicle Infrastructure Program, which is supported by the Government of Canada's Zero Emission Vehicle Infrastructure Program (\$350,000)
 - The GNWT previously provided \$360,000 in funding to Northland Utilities to support the installation of two Level 3 chargers in Yellowknife (see above story).



Yukon Energy's 2023-24 General Rate Application

- Yukon Energy filed its 2023-24 General Rate Application on August 31, 2023.
- Under Phase 3 (Fall 2025 through 2030) they include a program for EV Charging Demand Response.
- This program seeks to mitigate the peak demand contributions from electric vehicle charging. If approved, Yukoners with Level 2 electric vehicle chargers will be incentivized to enroll and participate in this “bring-your-own-device” demand-response program.

For more information, read the [Application](#) and [Proceeding Documents](#)

Additional Updates

[!\[\]\(9dfdaff1d86ba3c1f8353b4d1b61b8c5_img.jpg\) **Ontario, Quebec Strengthen Economic Ties with Nevada**](#)

[!\[\]\(83f22ed94ec5517769dd76d702c6bfd8_img.jpg\) **Final order with respect to Manitoba Hydro's 2023/24 and 2024/25 General Rate Application**](#)

[!\[\]\(8d0f0e0fe25b320c33272c52aec1fbca_img.jpg\) **Government of Canada supports EV sector in Niagara Region**](#)

[!\[\]\(642aa997563f9a325b310230bb5078b7_img.jpg\) **OEB Letter on System Investments for Electric Vehicle Integration**](#)

[!\[\]\(2b376d1a92330ab09dad2665d2f89bf5_img.jpg\) **Proposed Toronto requirement that all vehicles for hire \(taxi + Ubers\) are electric by 2030**](#)

[!\[\]\(3cb60d42b10e53f9522bb0b392c1c4cd_img.jpg\) **Peel Region and Emterra Group Launch Ontario's First Fully Electric Waste Collection Vehicle**](#)

[!\[\]\(d0262bbe9d2356661a2e89321dfcc781_img.jpg\) **Quebec in talks with battery, auto makers for C\\$15 billion in EV-related investments**](#)

[!\[\]\(51514032c8ca341817228f39f1307b05_img.jpg\) **Quebec Lures \\$5 Billion Battery Factory for Electric Cars**](#)



Contact Us

We invite you to get in touch with us to discuss any upcoming opportunities or questions, or to provide us with feedback on future issues:

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Notes to the Reader

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