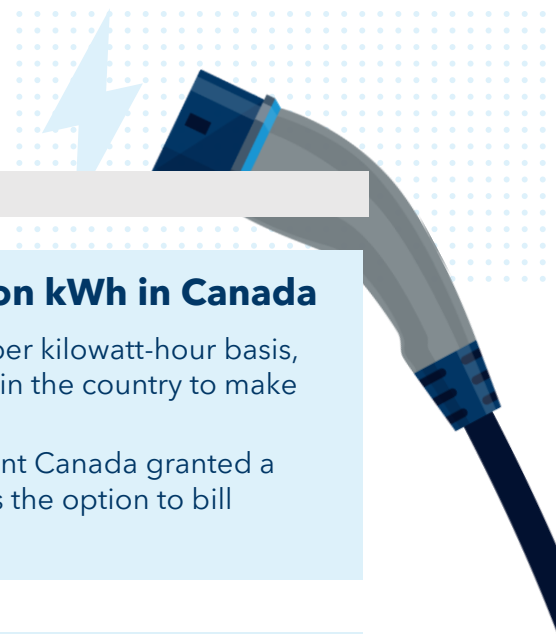


EV Market Update





CANADA



Tesla Supercharger network now billing based on kWh in Canada

- Tesla is now billing Supercharger customers in Canada on a per kilowatt-hour basis, instead of per minute. It is one of the first charging operators in the country to make the switch.
- The Tesla [announcement](#) comes six months after Measurement Canada granted a temporary dispensation allowing providers of DCFC chargers the option to bill customers per kWh.

Seven Vehicle OEMs come together to create a high-powered Charging Network across North America

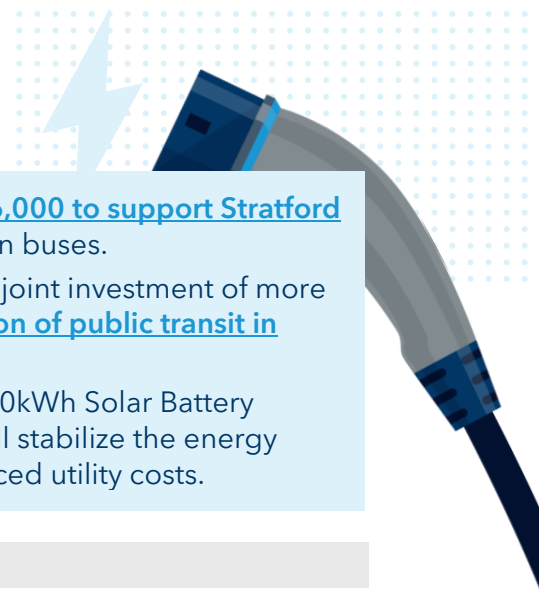
- BMW Group, General Motors, Honda, Hyundai, Kia, Mercedes-Benz Group, and Stellantis NV [announced plans](#) to create a new charging network joint venture that will target to install at least 30,000 high-powered chargers in urban and highway locations.
- The charging stations will offer both Combined Charging System (CCS) and North American Charging Standard (NACS) connectors.
- First stations are scheduled to open in the summer of 2024.

NRCan calls for applications supporting Clean Fuels and Zero-Emission Vehicles Awareness

- Natural Resources Canada (NRCan) [launched a combined call](#) for proposals to provide funding across three areas of focus through the Clean Fuels Awareness (CFA) and Zero-Emission Vehicle Awareness Initiative (ZEVAI).
- These programs are looking to fund projects that aim to increase awareness and understanding and strive to boost public and industry confidence to implement change through the adoption of ZEVs and clean fuels.

The Government of Canada announces investments in EV infrastructure and transit electrification in Ontario and PEI

- Natural Resources Canada (NRCan) announced funding to install [133 new EV chargers in Ottawa](#) that will be available for use by March 31, 2025, including to the:
 - City of Ottawa for 25 Level 2 EV chargers across workplaces in Ottawa;
 - Hydro Ottawa for 45 Level 2 EV chargers across workplaces in Ottawa;
 - and a condominium building (OCSCC 947) for 63 Level 2 EV chargers.
- The Government of Canada, the Canadian Urban Transit Research & Innovation Consortium (CUTRIC), announced joint investments in zero-emission vehicles for transit systems in [Quinte West \(ON\) for \\$125,000](#) and [London \(ON\) for \\$400,000](#).

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- The Government also announced a federal investment of [\\$96,000 to support Stratford](#) in planning for the transition of its transit fleet to zero-emission buses.
 - The Government of Canada and Charlottetown announced a joint investment of more than [\\$22.7 million to support the expansion and electrification of public transit in Charlottetown](#).
 - The project will also include the installation of a 400kWh Solar Battery Energy Storage System (BESS). This technology will stabilize the energy demand for electric bus charging, leading to reduced utility costs.

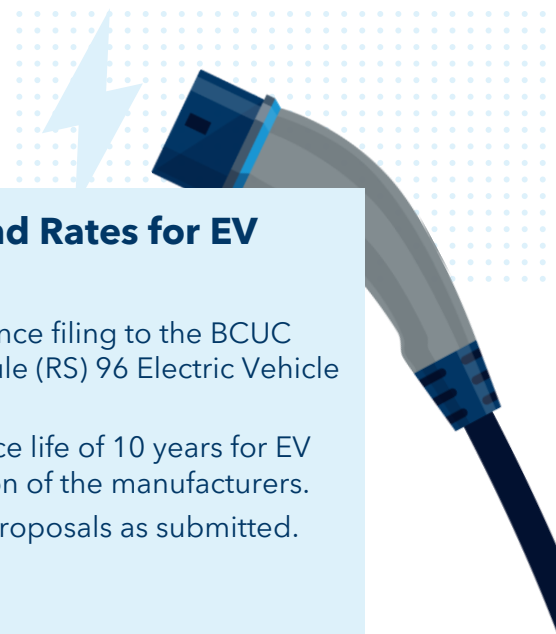


BRITISH COLUMBIA

BC Hydro files proposal to raise public EV charging fees

- On July 28, BC Hydro filed an application to raise rates at public electric vehicle charging stations by 15 per cent from Sept. 1, which the company says would allow it to recover the costs of providing them over 10 years.
 - The proposed rates would vary depending on the type of charger employed: time-based charges would be between three and 60 cents per minute, and power-based charges from 33 to 44 cents per kilowatt hour. Extended-stay charges would be 40 cents per minute.
 - BC Hydro requested interim approval of the new rates until permanent rates are established in order for the Proposed Rates to take effect on September 1, 2023.
 - Since the beginning of August, over 60 comments from individual members of the public have been submitted.
 - On August 17 the British Columbia Utilities Commission (BCUC) denied BC Hydro's proposed new interim rates and established a Streamlined Review Process (SRP) to expedite its review of BC Hydro's application. Current rates for EV charging service at BC Hydro fast charging stations remain in effect.
 - The BCUC has denied BC Hydro's new interim rates because the proposed rates are materially different than the current rates, and because BC Hydro has not yet obtained temporary dispensation from Measurement Canada to use energy-based rates.
 - Additionally, the BCUC indicated that BC Hydro was unclear in its application about how it would refund or recover the difference between the existing and proposed new interim rates.

To learn more, read the [Proceeding Documents](#) as well as [the Electric Autonomy Canada article](#) featuring our Director of Mobility, Jeff Turner



FortisBC Inc. Compliance Filing - Rate Design and Rates for EV DCFC Service Decision

- Back in December 2022, FortisBC (FBC) submitted a compliance filing to the BCUC relating to a detailed assessment report of FBC's Rate Schedule (RS) 96 Electric Vehicle (EV) Direct Current Fast Charging (DCFC) Service.
- On June 19, 2023, FBC proposed to apply an expected service life of 10 years for EV DCFC charging stations. This is based on the recommendation of the manufacturers.
- The BCUC accepted the Compliance Filing including FBC's proposals as submitted.

To learn more, read the [Proceeding Documents](#)



ALBERTA

[no updates in the September 2023 issue]



SASKATCHEWAN

[no updates in the September 2023 issue]



MANITOBA

Manitoba Government invests in EV Charging Infrastructure

- The Manitoba government is [providing a \\$176,000 grant to Eco-West Canada](#), a Manitoba-based not-for-profit focused on advancing green infrastructure.
 - Eco-West plans to support the installation of new EV chargers at three McDonald's restaurant locations in Winnipeg and to work with Gardewine, an industry leader in freight and logistics located in Winnipeg, to support further charging infrastructure.
- The Manitoba government is also supporting the installation of new charging stations in [Birds Hill Provincial Park](#) and four municipalities - [Village of Dunnottar](#), [Holland](#), [Cypress River](#), and [Treherne](#).

Manitoba Motor Dealers Association launches funding program for charging infrastructure

- The Manitoba Motor Dealers Association has launched a new funding program for public L2 and DCFC infrastructure, covering up to 50% of costs

For more information, visit the [Program landing page](#)



ONTARIO

OEB extends deadline to offer Tiered, Time-of-Use (TOU) and Ultra-low Overnight (ULO) to customers

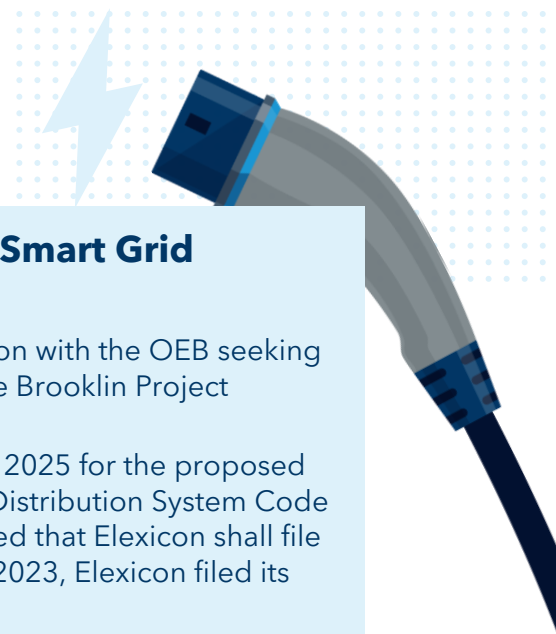
- The Ontario Energy Board (OEB) has [issued a letter](#) that extends the compliance date to January 1, 2024, for distributors to offer net metered customers on the Regulated Price Plan (RPP) the choice between Tiered, Time-of-Use (TOU), and the new Ultra-low Overnight (ULO) pricing option. The deadline was previously November 1, 2023.

OEB issues letter in update to Distributed Energy Resources (DER) Connections Review

- The OEB has [issued a letter](#) summarizing guidance and resources to help electricity distributors to plan for efficient integration of electric vehicles (EVs).
- The letter also announces an expansion of scope to the [Distributed Energy Resources Connections Review](#) consultation to look at system readiness, whereas the original consultation focused on technical and process aspects of connecting DERs and EV charging stations.
- Distributors remain able to [file applications](#) to the OEB for incentive mechanisms related to DERs.

OEB issues Bulletin clarifying Residential Customer Connections & Service Upgrade guidance

- In response to complaints regarding electricity distributors' practices, the OEB has [issued a bulletin](#) providing guidance regarding residential customer Basic Connections
- OEB staff indicates that they are of the view that distributors should provide new residential customers and those that require upgrades up to 200-amp service under the Basic Connection policy in part to accommodate current and future demand for electric vehicles



Elexicon Energy files 2023 Rate Application for Smart Grid Projects

- In July 2022, Elexicon Energy Inc. (Elexicon) filed an application with the OEB seeking funding for the Whitby Smart Grid Project and the Sustainable Brooklin Project effective January 1, 2025.
- On July 6, 2023, the OEB approved \$8.8 million in funding in 2025 for the proposed Whitby Smart Grid Project and denying funding and related Distribution System Code exemptions for the Sustainable Brooklin Project. It also ordered that Elexicon shall file with the OEB a draft rate order by July 17, 2023. On July 14, 2023, Elexicon filed its Draft Rate.

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



QUÉBEC

[no updates in the September 2023 issue]



NEW BRUNSWICK

NB Power publishes 2023 IRP: Pathways to a Net-Zero Electricity System

- NB Power's new Integrated Resource Plan (IRP) has been released shortly after the recent release of its new Strategic Plan: Energizing our Future.
- The new Strategic Plan is intended to chart the utility's course for the next 12 years and is built on six transformers and objectives that are intended to lead to success including to electrify and grow load.
- NB Power forecasts that in a high-electrification scenario, there will be 435,475 light-duty and 22,885 medium and heavy-duty EVs in the province by 2042/43, resulting in more than 2,500 GWh in annual energy requirements.

For more information, read the [News Release](#) and [Integrated Resource Plan](#)



NOVA SCOTIA

Nova Scotia Utility and Review Board 2023 Load Forecast

- NSPI responds to information requested related to the load forecast, including information about residential electric vehicles driving behaviours and forecasted load profiles.

For more information, refer to Matter No. M11108 Exhibit N-7 (page 137) in [NSURB's Public Documents Database](#)



PRINCE EDWARD ISLAND

[no updates in the September 2023 issue]



NEWFOUNDLAND AND LABRADOR

Application for EV Load Management Program

- On July 19, 2023 NL Power responded to questions from the Board in relation to its application from June 2023 for an EV Load Management Program.
- The Consumer Advocate recommended rejection of the Application, Newfoundland Power submitted that the Consumer Advocate's recommendation does not reflect the information on the record of this proceeding and that rejecting the Application would not be in the interest of the Company's customers. They also point out that whether the revenue-related benefits of EV adoption outweigh the costs depends on the utilities' ability to manage the peak demand impacts of EVs.
- Newfoundland Power submits that the EV Load Management Pilot Project is consistent with sound public utility practice, the costs to complete the pilot project are reasonable and prudent, and requests the Application be approved.

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

Newfoundland and Labrador Hydro 2024 Capital Budget Application

- On July 12, 2023 Newfoundland and Labrador Hydro filed a Capital Budget Application, and is requesting \$1.8 million for the construction and installation of ultra-fast EV charging stations as a part of that request.
- NL Hydro proposes to construct seven ultra-fast charging stations at the five most utilized locations along the Trans Canada Highway (TCH). Each charger will be capable of supplying 175 kW, with two sites operating in a paired configuration capable of supplying up to 350 kW to a single vehicle.

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- This Project is in partnership with the Government of Newfoundland and Labrador who will fund the majority of the capital cost of the \$2.1 million Project.

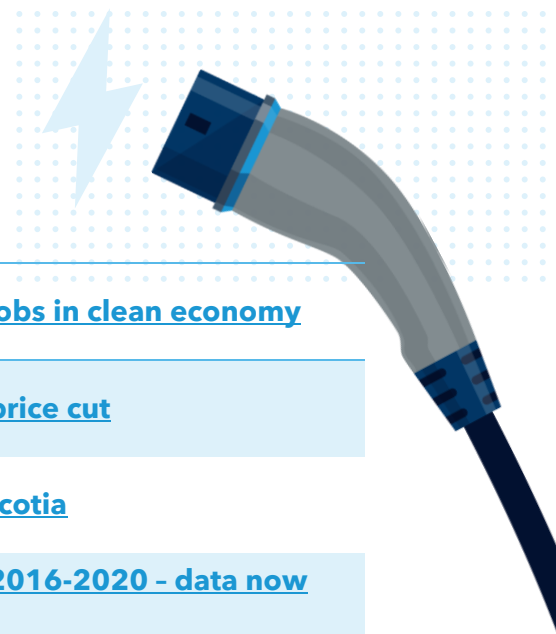
For more information, read the [Capital Budget Application](#) and [Application for Charging Stations](#)



TERRITORIES

[no updates in the September 2023 issue]

Additional Updates



⚡ [New centre in BC will prepare people for high-demand jobs in clean economy](#)

⚡ [Ford's 2023 F-150 Lightning EV pickup sees five-figure price cut](#)

⚡ [Funding for Sustainable Community Initiatives in Nova Scotia](#)

⚡ [Electric Vehicle Proliferation by Municipality in Ontario 2016-2020 - data now available](#)

⚡ [Ontario Welcomes \\$102 Million Investment in Growing Electric Vehicle Sector](#)

⚡ [Quebec, industry partners debut EV battery recovery program](#)

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

This newsletter was prepared by Dunsy Energy + Climate Advisors, an independent firm focused on the clean energy transition and committed to quality, integrity and unbiased analysis and counsel. Our findings and recommendations are based on the best information available at the time the work was conducted as well as our experts' professional judgment. Dunsy is proud to stand by our work.