

ZEV support across Canada

British Columbia				
	Name of Incentive Program	Incentive/Rebate Amount	Applicability/ eligibility	Link
Vehicle incentives	Clean Energy Vehicles for British Columbia	Up to \$5,000	Vehicle point of sale incentives for consumers on purchase of BEV, PHEV and FCV	www.cevforbc.ca
	Specialty-Use Vehicle Incentive Program	from \$2,000 to \$50,000	Rebates on purchase of rebates on electric motorcycles, utility trucks, buses specialty-use vehicles e.g. electric motorcycles, utility trucks, buses, etc.	www.pluginbc.ca/suvi/
	BC SCRAP-IT Electric Vehicle Program	up to \$6,000	Incentives for early retirement of old vehicles that are replaced with lower emitting options	https://scrapit.ca/
Infrastructure incentives	Charging Solutions: Rebates for Home	up to \$750 per level 2 station	Home owners can request reimbursement for 75% for the purchase and installation of an EV charger for their residence up to \$750. A Applicants may only apply for one charging station per dwelling.	https://pluginbc.ca/charging-program/charging-solutions-incentives/
	Charging Solutions: Incentives for Residential Buildings	up to \$4,000 per level 2 station/max 2 stations per property	BC residents, building owners, managers, building representative who reside in /have oversight over multi-unit residential building (up to 3 or more dwellings in building)	https://pluginbc.ca/charging-program/charging-solutions-incentives/
	Charging Solutions: Incentives for workplaces	up to \$4,000 per level 2 or \$2,000 per level 1	BC residents, building owners, managers, building representative who have oversight over an eligible workplace	https://pluginbc.ca/charging-program/charging-solutions-incentives/
Quebec				
	Name of Incentive Program	Incentive/Rebate Amount	Applicability/ eligibility	Link
Vehicles	Roulez vert Program	up to \$8,000	BEV, PHEV and FCV	http://www.vehiculeselectriques.gouv.qc.ca/english/particuliers/rabais.asp
Infrastructure incentives	Incentives for residential charging	up to \$600 per station	The Quebec government offers rebates for residences purchasing and installing level 2 charging: \$350 for the purchase of charging station; \$250 for the installation of the charging station and its power	http://vehiculeselectriques.gouv.qc.ca/english/rabais/domicile/programme-remboursement-borne-recharge-domicile.asp

Federal support

Infrastructure:

Budgets 2016 and 2017 provided a total of \$182.5M (6yrs) to NRCan to support the following activities:

- Deployment of Infrastructure (\$96.5M) -
 - to build a coast-to-coast network of EV fast chargers (target - 1000 chargers),
 - natural gas stations along key freight routes (target 22 stations),
 - hydrogen stations in major metropolitan centres (target – 15 stations)
- Demonstration of next generation charging technologies (\$76M/6yrs)
- Development of enabling bi-national codes and standards (\$10M/4yrs)

Website: <https://www.nrcan.gc.ca/energy-efficiency/energy-efficiency-transportation-and-alternative-fuels/electric-vehicle-alternative-fuels-infrastructure-deployment-initiative/18352>

Budget 2019 provided \$130 million over five years to NRCan to deploy new zero-emission vehicle infrastructure in;

- condominiums, apartments, workplaces;
- commercial areas and on-street parking;
- mass transit, commercial fleets (car sharing); and
- last mile delivery projects.

The program was launched in April and the first RFP focusing on public places has been launched.

Website: <https://www.nrcan.gc.ca/zero-emission-vehicle-infrastructure-program/21876>

ZEV purchase incentive:

Budget 2019 provided \$300 million over three years to TC for a federal purchase incentive.

- The incentive applied to eligible new vehicles that are purchased or leased on or after May 1, 2019;
- Canadians who purchase or lease an eligible battery electric, hydrogen fuel cell, or longer range plug-in hybrid vehicle, will receive an incentive of \$5,000;
- eligible vehicles must have a manufacturer's suggested retail price of less than \$45,000 for passenger vehicles with six or fewer seats, and less than \$55,000 for vehicles with seven or more seats; and
- Canadians who purchase or lease a shorter-range plug-in hybrid vehicle will receive an incentive of \$2,500.

Website <https://www.tc.gc.ca/en/services/road/innovative-technologies/zero-emission-vehicles.html>

Tax write off:

An accelerated capital cost allowance of 100% for light, medium, and heavy-duty ZEVs purchased by businesses, including electric battery, plug-in hybrid (with a battery capacity of at least 15 kWh) or hydrogen fuel cell vehicles for the years they are in use.

Capital costs for eligible zero-emission passenger vehicles will be deductible up to a limit of \$55,000 plus sales tax.

Ontario

Target

- Ontario has set a target for ZEVs to reach 5% of passenger cars by 2020 (**not the case as of December 2018**)

Initiatives (pre July 2018)

- Ontario's Climate Change Action Plan released in June 2016, committed up to \$439M over 4 years to zero-emission vehicle (ZEV) initiatives.
- Initiatives included:
 - Ontario's Electric and Hydrogen Vehicle Incentive Program (EHVIP) provided consumer purchase incentives up to \$14,000 per electric vehicle based on the vehicle's battery size and passenger capacity.
 - Through the Electric Vehicle Chargers Ontario (EVCO) grant program, the goal was to build nearly 500 charging stations at over 250 locations in Ontario, including over 200 Level 3 chargers and close to 300 Level 2 chargers. The province was also providing purchase and installation incentives for home and workplace chargers.
 - Ontario created the Electric and Hydrogen Vehicle Advancement Partnership (EHVAP) to achieve the CCAP target of 5% market share for electric and hydrogen vehicles sold annually by 2020-21 (annual ZEV sales in 2020 would need to be about 14,000 vehicles).
- Ontario also provides unrestricted HOV lane access for ZEV drivers, and is exploring policies to reduce electricity rates for electric vehicles and to enable "EV-ready" condo buildings.
- Ontario's Electric and Hydrogen Vehicle Incentive program was funded in part by the proceeds of cap and trade. Premier Ford announced on July 3rd 2018 plans to end the cap-and-trade program and wind down all programs funded from the proceeds.
- **An official announcement was made by the Ontario Government on July 11th, cancelling the ZEV consumer incentive program and infrastructure incentive program.**

Alberta, Saskatchewan and Manitoba

Target

- Alberta, Saskatchewan and Manitoba have not formally committed to ZEV targets.

Initiatives

- Outreach and education efforts are being advanced through Drive Electric Manitoba and through municipal initiatives in Alberta.
- Manitoba has undertaken cold weather testing of electric vehicles.
- In October 2017, Manitoba released its Climate and Green Plan, which identifies activities related to ZEVs and is currently undergoing consultation.

New Brunswick, Nova Scotia, Prince Edward Island and Newfoundland and Labrador

Target

- These provinces support the New England Governors and Eastern Canadian Premiers target to work towards achieving a 5% market share penetration of alternative fuel vehicles by 2020.
- New Brunswick's 2016 Climate Action Plan includes a target to have 2,500 electric vehicles on the road by 2020, and 20,000 by 2030. In this context, electric vehicles include plug-in electric passenger, fleet (such as taxis) and commercial (such as delivery) vehicles.

Initiatives

- These provinces are undertaking outreach and education efforts, for example through New Brunswick's Shift Your Ride and Drive Electric New Brunswick initiatives and Nova Scotia Power's ShareReady program.
- In 2014, New Brunswick formed an Electric Vehicle Advisory Group (EVAG), a group of experts and stakeholders to examine options and opportunities for advancing electric vehicles in the province.
- New Brunswick's Climate Action Plan includes ZEV initiatives and a commitment to implement an electric vehicle strategy that specifies the required incentives, regulations, policies, programs and charging infrastructure to achieve the province's electric vehicles targets.
- New Brunswick Power and Nova Scotia Power are establishing a network of Level 2 and DC fast charging stations

Yukon, Northwest Territories and Nunavut

Target

- These territories have not formally committed to ZEV targets.

Initiatives

- Efforts in the territories are currently focussed on clean grid and green infrastructure.
- The Yukon is monitoring the feasibility of electric vehicles in the territory and have focused on opportunities in government fleets.
- The Northwest Territories has undertaken cold weather testing of electric vehicles and offers information on its website.