Workplace charging in Canada

January 2023

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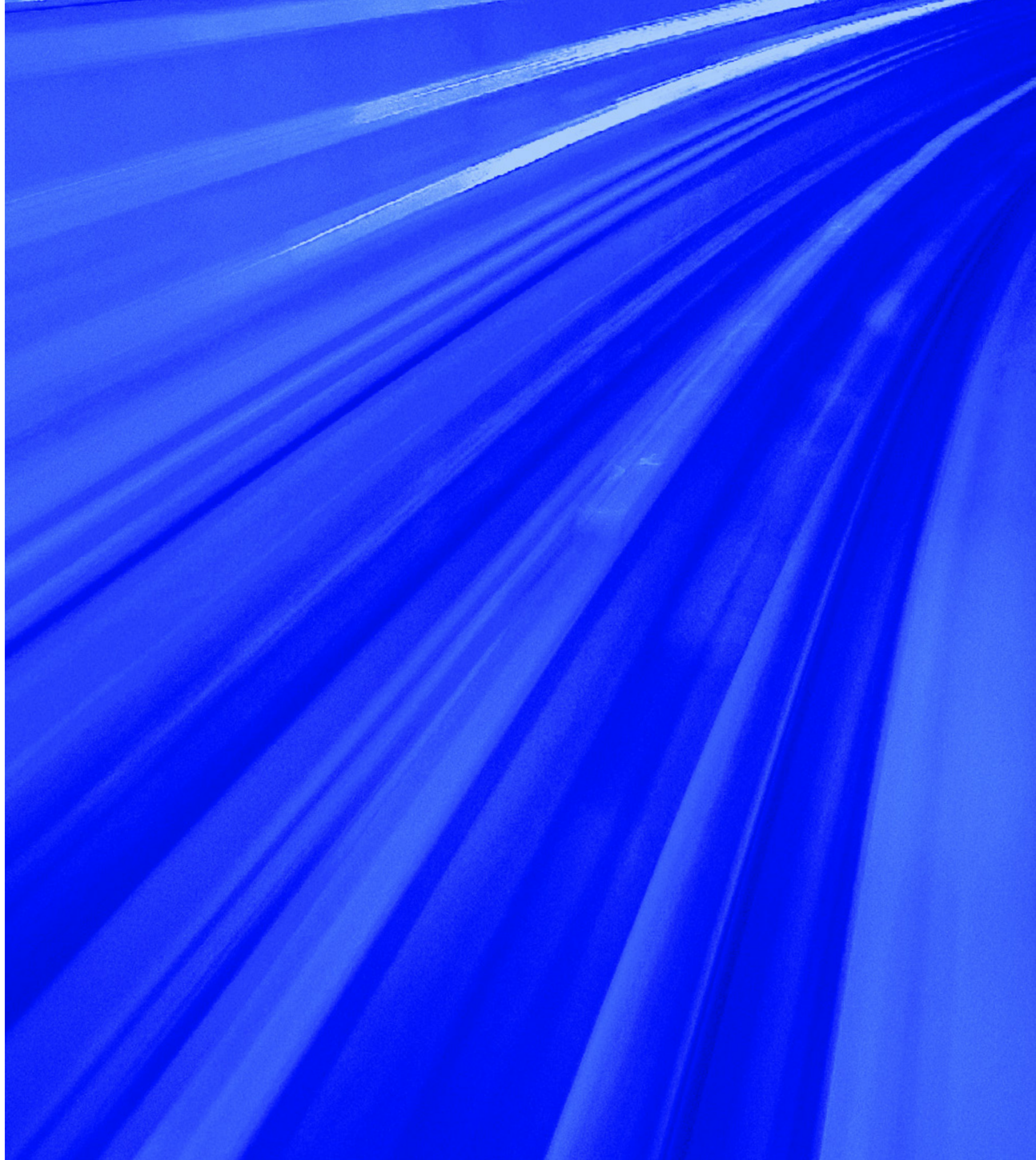
Electric vehicle (EV) charging incentive programs in Canada



Last updated December 2022

Unless otherwise indicated, the dollar amounts shown are in Canadian dollars.

	Program Description	Funding Amount	Link
Federal			
Zero Emission Vehicle Infrastructure Program (ZEVIP)*	The program will support zero-emission infrastructure deployment at workplaces. A workplace is defined as a location where employees perform duties related to a job. For the purpose of the program, the charging or hydrogen refuelling infrastructure must be used primarily by employees.	Up to 50% of total project costs. Total maximum of between $5,000 and $100,000 per charger depending on the charger type.	Click here
Alberta			
Municipal Climate Change Action Centre	The SouthGrow EVCP provides funding support for organizations in Alberta to install EV charging infrastructure that will support and accelerate the adoption of EVs in their communities.	- Networked Level 2 connectors 3.3 kW to 19.2 kW - Up to 46% of total costs, to a maximum of $5,000 per connector. - Networked Level 3 DC Fast Charger 20 kW to 49 kW - Up to 46% of total costs, to a maximum of $15,000 per fast charger. - Networked Level 3 DC Fast Charger 50 kW to 99 kW - Up to 46% of total costs, to a maximum of $50,000 per fast charger. - Networked Level 3 DC Fast Charger 100 kW and above - Up to 46% of total costs, to a maximum of $75,000 per fast charger.	Click here
British Columbia			
CleanBC Go Electric rebates for workplaces	Rebate for the purchase and installation of eligible Level 2 networked EV chargers for employee use. To be eligible, pre-approval from BC Hydro is required prior to purchasing and/or installing chargers. Workplaces can also get up to five hours of free advice and planning assistance from an expert in EV charging and equipment.	Up to 75% of purchase and installation costs (limited-time increase, usually 50%), up to $5,000 per charger (limited-time increase, regularly $2,000), to a maximum of $25,000 (limited-time increase, regularly $14,000). A business can apply for a maximum of four of their workplace sites, resulting in a maximum project rebate of *$100,000 (regularly $56,000).	BC Hydro customers Fortis BC customers
EV charging rebates for multi-unit residential buildings and workplaces	The building must be connected to a current electricity account with FortisBC or the municipal utilities of Grand Forks, Penticton, Summerland or Nelson Hydro. The building where the charging station is to be installed must have been constructed before August 31, 2021 (i.e., new construction buildings are not eligible). Eligible workplaces must have five or more employees who work primarily at the premises where the charging station(s) will be installed and have dedicated parking for employees.	The Program will reimburse up to 75% of purchase and installation costs of eligible, new, Level 2 charging equipment, up to a maximum per station of $5,000 (for a limited time, while ZEVIP funds are available. Otherwise, 50%, up to $2,000 per station). The maximum reimbursement is up to $25,000 per workplace (for a limited time; otherwise, up to $14,000 per workplace).	Click here

* Program momentarily on hold

	Program Description	Funding Amount	Link
Northwest Territories			
Arctic Energy Alliance – Electric Vehicle Rebate	Residents and organizations in nine NWT communities can now get additional rebates on electric vehicles, on top of recently announced federal government incentives. To be eligible, a person or organization must be based in a community that uses hydroelectricity— Behchok, Dettah, Enterprise, Fort Resolution, Fort Smith, Hay River, Kátł'odeeche, Ndil or Yellowknife.	$500 for a Level 2 charger (220 or 240 volts).	Click here
Quebec			
Programme Roulez vert -Remboursement pour une borne au travail	Financial support for businesses for the installation of charging infrastructure for fleet or employee vehicles.	For purchases: Up to 50% of eligible costs, to a maximum of $5,000 per charger. For rentals of chargers: Up to $500 per charger and up to 50% of installation costs, to a maximum of $5,000 per charger.	Click here
Programme Transportez vert	The expenses eligible for financial assistance are as follows: acquisition costs of an eligible charging station, labour and material costs necessary for the installation of a charging station and its infrastructure power supply, fees for professional services, costs of acquiring a device allowing the storage of electrical energy and costs of acquiring a device or software allowing the management of the energy consumed.	Financial assistance is determined according to the output current of the eligible charging station. Here are the financial aid details: - Between 20 and 49.9 kW: 50% of costs up to a maximum of $15,000. - 50 kW or more: 50% of costs up to a maximum of $15,000.	Click here
PEI			
PEI EVCF	The PEI Electric Vehicle Charging Fund will support up to 75% of eligible costs for business, academic and community organizations in PEI to install commercial EV chargers in public parking areas, workplaces, light-duty vehicle fleet parking, and designated multi-unit residential buildings (MURBs).	- Level 2 (208 / 240 V) connectors 3.3 kW to 19.2 kW - Up to 75% of total project costs, to a maximum of $7,500 per connector. - Fast Charger 20 kW to 49 kW - Up to 75% of total project costs, to a maximum of $22,500 per fast charger. - Fast Charger 50 kW and above - Up to 75% of total project costs, to a maximum of $75,000 per fast charger.	Click here
Yukon			
Good Energy Program	Rebates for Level 2 electric vehicle chargers installed at personal residences, commercial or multi-unit residential buildings and municipal or First Nations government-owned buildings.	75% of total costs up to a maximum of $7,500 per installed charger.	Click here

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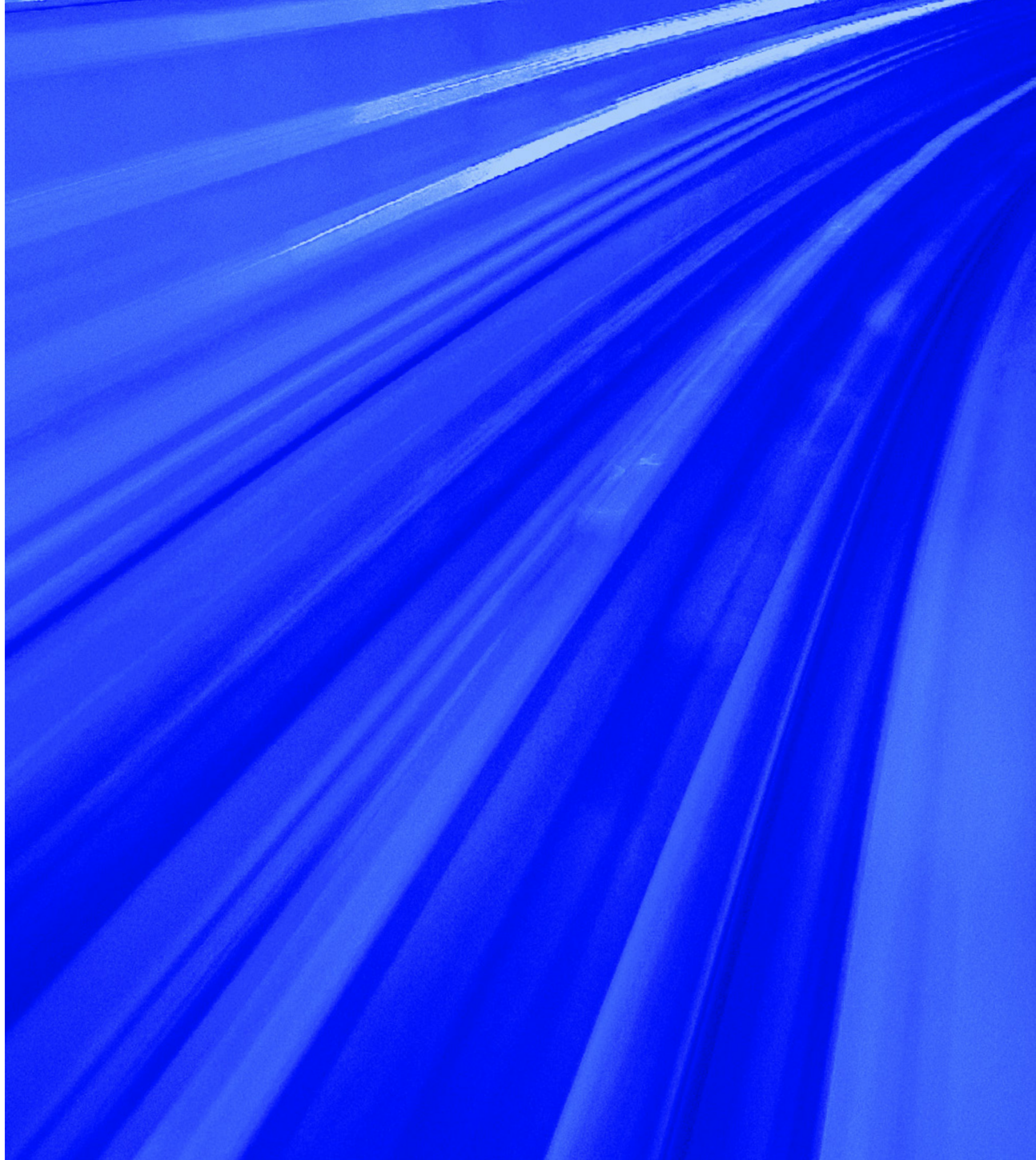
List of electric vehicle supply equipment (EVSE) manufacturers



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VE Supply Equipment (EVSE) Manufacturers	Link	Products offered (for workplace charging)	Cost estimate (**if possible)	Additional notes
AeroVironment				
US-based company in Monrovia, California, recently acquired by Webasto Group (Germany). AeroVironment charging systems will now be known as Webasto Charging Systems.	Click here	Manufacture L1, L2 and L3 EVSE for EV manufacturing and charging networks, both residential and commercial.	N/A	Modular, globally compatible solution for private, corporate and public AC and DC charging.
ABB				
A Zurich, Switzerland-based global company, providing electric products and services to a wide range of industrial sectors worldwide. They also manufacture a line of home and commercial L2 and commercial L3 chargers as well as load management/distribution panels and software.	Click here	Manufacture L2 and L3 EVSE for EV manufacturing and charging networks, both residential and commercial.		Commercial customers in Canada include Shell Recharge, BC Hydro, Sun Country Highway and Lion Electric.
Enel X				
A division of Italian company Enel Group, Enel X offers a broad range of renewable energy and electromobility products. For businesses, they offer the JuiceBox Pro commercial EV charging stations.	Click here	Juicebox Pro, available in three power levels (32A, 40A, and 48A).	Between $1,000 and $10,000 (Enel X).	
EVgo				
A US company based inCalifornia that is publicly traded with majority share ownership by LS Power of New York. They do not manufacture their own charging stations.	Click here			One of their largest suppliers of L3 EVSE is ABB.
EVBox				
A Netherlands-based company that manufactures and globally distributes EV chargers and network management software.	Click here	L2 at 40 to 50 Amps, and L3 from 50 to 250 kW.		
Add Energie (FLO)				
Canadian company based in Quebec City that manufactures their own L2 and L3 EVSE for home and commercial use. They also operate FLO, Circuit Electrique, New Brunswick's Charge Network and BC Hydro's EV charging network, in Canada and the US.	Click here	G5 and X5 L2 for home, CoRe+, SmartTWO L2's from 30-80A and SmartDC L3 from 50 kW to 100 kW for commercial.	Prices start at $799CDN for L2 home.	FLO customers can use their FLO card or app to access partner networks, includingBC Hydro, Greenlots, Electric Circuit, Chargepoint and Charge Network.

VE Supply Equipment (EVSE) Manufacturers	Link	Products offered (for workplace charging)	Cost estimate (**if possible)	Additional notes
Eaton				
A US-based global company providing electric products and services to a wide range of industrial sectors worldwide. They also manufacture a line of home and commercial L2 and commercial L3 chargers as well as load management/distribution panels and software.	Click here			Eaton products are designed to be distributed through their North American distributer networks. Local electrical contractors can then purchase products through the local distributor, such as Grainger or WESCO.
ClipperCreek				
US-based company now owned by Enphase offering L1 and L2 EVSE and accessories for home and commercial use.	Click here	Wide range of portable and permanent EVSE starting at 12A, 16A, 20A, 32A, 40A, 50A, 60A, 80A.	L1 starts at $379USD, L2 starts at $329USD.	One of the first EVSE manufacturers in the world. Offers higher power L2's at 40-80Amps.
Chargepoint				
Based in California, manufactures residential and commercial L2 and operates global Chargepoint EV charging network of L2 and L3 EVSE.	Click here	L2 EVSE can be set to charge from 16A to 50A, L3 Express and Express Plus offer 50 kW to 350 kW.	L2 units start at $969.	Chargepoint's sole business is to manufacture EVSE and run the Chargepoint network, claimed to be the largest network in the world.
Tritium				
An Australian company that exclusively manufactures L3 EVSE. Customers include Chargepoint, IVY, BP and Taco Bell.	Click here	L3 only from 50-350 kW.		Tritium is distributed worldwide, while third parties white label their machines. For example, their largest customer is Chargepoint.
Siemens				
Based in Germany, Siemens, a global company, provides products and services to a wide range of industrial sectors worldwide. They also manufacture a line of home and commercial L2 and commercial L3 chargers.	Click here	L2 VersiCharge from 16 to 32A, L3 Sicharge D from 50 to 300 kW and Sicharge UC up to 800 kW for buses and trucks.	L2 starts at $999 for residential, up to over $2,000 for commercial	
Greendot Group				
Canadian company based in Grand Bend, Ontario. Do not manufacture their own charging stations. Rebrand Grizzl-E and Siemens chargers to operate on their Noodoe network.	Click here	L2 only at 32 and 40 Amp.	Prices start at $799 for residential chargers, up to over $2,000 for commercial chargers.	A small Canadian startup EV charging network working hard to go national.

VE Supply Equipment (EVSE) Manufacturers	Link	Products offered (for workplace charging)	Cost estimate (**if possible)	Additional notes
Grizzl-E				
United Chargers is the Canadian parent company located in Richmond Hill, Ontario, which manufactures Grizzl-E EVSE for residential and commercial use.	Click here	L2 EVSE software adjustable from 16A to 40A. L3 EVSE at 24 kW.	Prices for L2 start at $649CDN for residential, to $1,299 and up for commercial. L3 start at $16,469 up to $23,948.	Solid construction, full features, long warranty and low prices give this Canadian company an edge in the market.
SWTCH Energy				
Based in Toronto, Ontario, this Canadian company does not manufacture their own EVSE. Instead, they focus on end-to-end EV charging and energy management software and hardware solutions.	Click here	N/A	N/A	Their mission at SWTCH is to improve EV charging accessibility in urban multi-tenant settings and ensure effective integration of EVs into our clean transportation future.
The Electric Circuit (Circuit Electrique)				
See FLO above. Parent is Add Energie.	Click here			Add Energie's original network spawned from Hydro-Québec. The Electric Circuit offers excellent EV charging coverage in the province of Quebec.
Hypercharge				
Based in North Vancouver, BC, this Canadian company does not manufacture their own EVSE. Instead they rebrand other manufacturers' EVSE to provide EV charging management software and hardware solutions.	Click here	They can provide both L2 and L3 EVSE.		
Autochargers				
This is a sister company to United Chargers, the manufacturer of Grizzl-E above. Autochargers focuses on sales and installation of a wide variety of brands of EVSE equipment. It does not manufacture EVSE.	Click here			
Tesla				
US company based in Austin, Texas, Tesla not only manufactures its own cars but its own EVSE too.	Click here	L1, L2 adjustable from 16 to 70 Amps, and L3 they call Superchargers that can charge up to 250 kW.	L1 cordset $255. L2 wallbox starting at $510 to $755.	No other EV manufacturer in the world makes both the car and the EVSE, for both residential and commercial charging. They also operate the Tesla Destination and Supercharger networks.

VE Supply Equipment (EVSE) Manufacturers	Link	Products offered (for workplace charging)	Cost estimate (**if possible)	Additional notes
Electrify Canada				
US-based company (Electrify America) owned by Volkswagen-Porsche-Audi Group. They do not manufacture their own chargers.	Click here			
Elmec EVduty				
Canadian company based in Shawinigan, QC. Manufactures EVSE and load-sharing equipment for home and commercial businesses.	Click here	30A L2 home units, L2 Smart Pro commercial units, and L3 EV Duty 3 commercial units.	Prices start at $799 for L2 home stations.	Also operates the EV Duty EV charging network.

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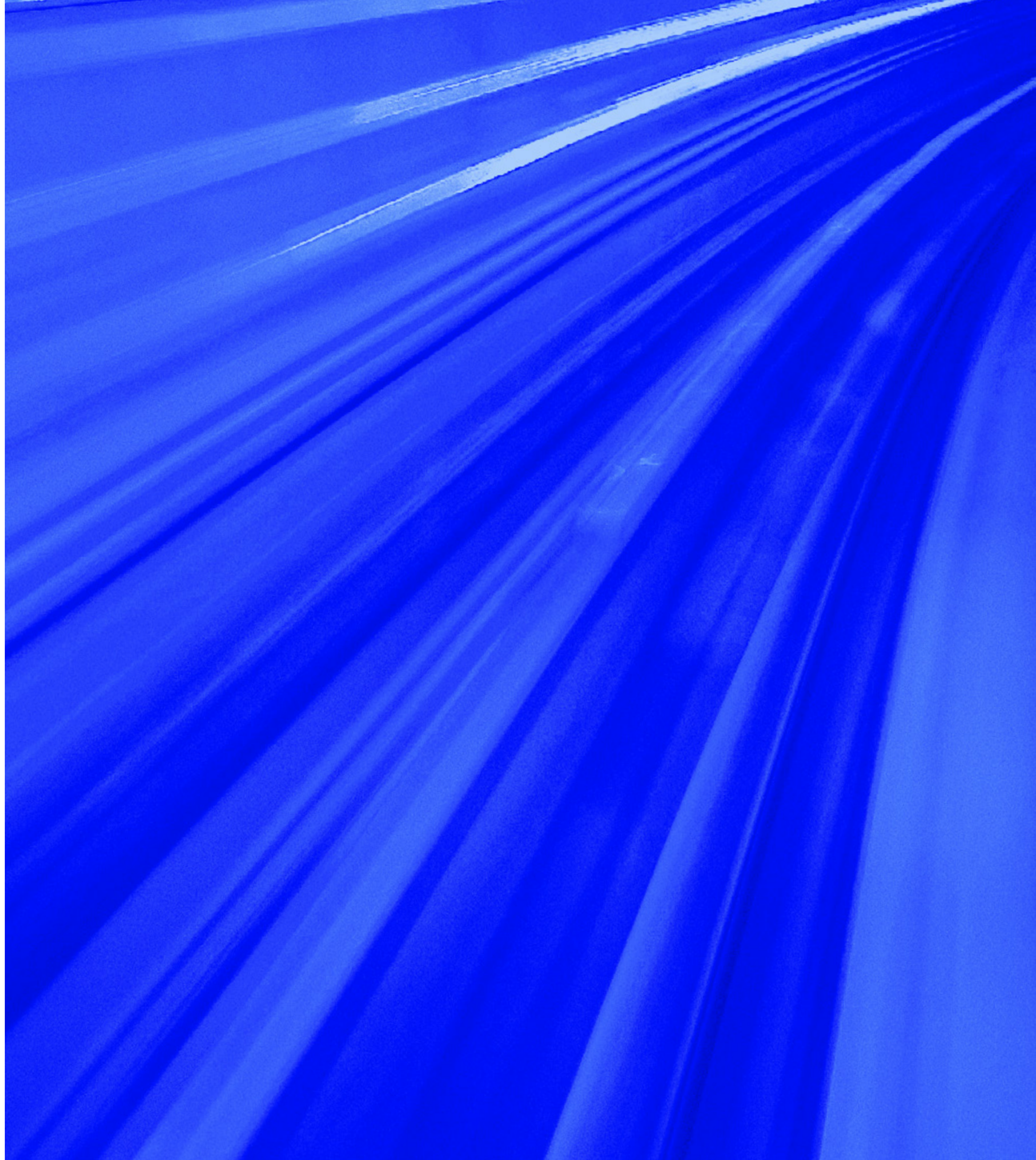
List of electric contractor associations across Canada



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This will help you find a qualified, certified electrical contractor in your area and across Canada to do residential and commercial EVSE installation.

	Link	Contractor	Notes
Canada Wide			
Canadian Electrical Contractors Association (CECA)	Click here	Contractor Lookup	A federation of provincial and territorial electrical contractor groups that undertakes to represent (most, but not all) electrical contractors at the national level. CECA has 8 provincial members.
Alberta			
Electrical Contractors Association of Alberta (ECAA)	Click here	Contractor Lookup	
British Columbia			
Electrical Contractors Association of BC	Click here	Contractor Lookup	
Manitoba			
Electrical Contractors Association of Manitoba (ECAM)	Click here	Contractor Lookup	
New Brunswick			
Electrical Contractors Association of New Brunswick (ECANB)	Click here	Contractor Lookup	
Newfoundland			
No provincial association for electrical contractors in NFLD		Contractor Lookup	An Electrical Permit may be issued only to a person who is the holder of an Electrical Contractor's Registration Certificate.
Northwest Territories			
See CECA		Contractor Lookup	
Nova Scotia			
No local organized association – see CECA		See CECA contractor lookup at top	

	Link	Contractor	Notes
Ontario			
Electrical Safety Authority (ESA)	Click here	Contractor Lookup	
PEI			
No local organized association – see CECA		Contractor Lookup	The PEI Business Directory will also allow searching for electrical contractors by community. More information here
Quebec			
Corporation of Master Electricians of Québec (CMEQ)	Click here		Does not seem to be any way to access a list of Quebec licensed electricians.
Saskatchewan			
Electrical Contractors Association of Saskatchewan (ECAS)	Click here	Contractor Lookup	
Yukon			
See CECA		Contractor Lookup	The Government of Yukon maintains an electrical contractor list that is overseen by the Electrical Safety Standards Board – Government of Yukon.