

An overview of industrial electrification and other related incentives in British Columbia

BC Hydro, Province of B.C., and Government of Canada

	BC Hydro Low Carbon Electrification Program	BC Hydro Economic Development Support	BC Hydro Industrial Energy Manager	CleanBC and BC Hydro Industrial Electrification Program*	CleanBC Industry Fund—Emissions Performance*	CleanBC Industry Fund—Feasibility Studies*
Program Description	The program provides funding to existing or prospective BC Hydro customers to support fuel switching from carbon-based fuels to low-GHG electricity.	Dedicated support is available to new industrial customers looking to connect to BC Hydro’s grid. This program helps potential customers navigate the interconnection process and access potential funds that may be available. The program also identifies available industrial properties ready to connect to BC Hydro’s system.	Funding is provided to hire an industrial energy manager to help manage energy use.	The new IE program creates a streamlined funding process for large industrial low-carbon electrification projects that require a new or upgraded connection to the BC Hydro Integrated Grid. Two streamlined IE funding pathways are available: 1. Capital Projects—capital funding for large industrial low-carbon electrification projects 2. Interconnection Studies—funding for BC Hydro Transmission Connection studies associated with eligible Capital Projects	Emissions Performance provides support for BC’s industrial operations to reduce emissions at their operations through the use of commercially available technologies.	Feasibility Studies supports preliminary studies that aim to provide clarity and confidence to potential projects intending to apply for funding through the CleanBC Industry Fund’s Emissions Performance (EP), Industrial Electrification (IE) or Innovation Accelerator (IA) streams. The study should help to remove barriers, mitigate risks, and/or determine the viability of a potential project, including whether a project is operationally, technically or economically feasible.
Funding	BC Hydro studies: up to the 100% of costs to a maximum of \$100K Project implementation: funding is project-specific	Support may be available to offset interconnection studies cost	Up to 75% of the energy manager’s salary Funding up to \$80K for energy monitoring and targeting	Interconnection Studies: Up to 75% of eligible project expenses to a maximum of \$250K Capital Projects: Up to 75% of eligible expenses to a maximum of \$25M	Up to 50% of eligible project expenses, to a per project maximum of \$25M.	Up to 75% of eligible study expenses.
Application deadline	No deadline	March 2026	No deadline	December 31, 2024 or until funding is exhausted	May 24, 2024	June 28, 2024
Additional information	<u>Low Carbon Electrification</u>	<u>Economic Development Support</u> <u>bizdev@bchydro.com</u>	<u>BC Hydro Industrial Energy Manager</u> <u>industrial@bchydro.com</u>	<u>CleanBC & BC Hydro Industrial Electrification Program</u> <u>CleanBCIndustryFund@gov.bc.ca</u>	<u>CleanBC Industry Fund</u> <u>CleanBCIndustryFund@gov.bc.ca</u>	<u>CleanBC Industry Fund</u> <u>CleanBCIndustryFund@gov.bc.ca</u>

* This program is available to large industrial operations throughout BC that are required to report their emissions under the Greenhouse Gas Industrial Reporting and Control Act (Reporting Operations).

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	Rural Economic Diversification and Infrastructure Program	BC Manufacturing Jobs Fund	Critical Minerals Infrastructure Fund	Strategic Innovation Fund	Sustainable Development Technology Canada	Indigenous Leadership Fund
Program Description	The program supports rural economic development projects that promote economic capacity building, economic diversification, resilience, clean economy opportunities, and infrastructure development.	The fund helps manufacturing companies modernize, innovate, and grow by providing funding for capital projects in all regions, particularly in communities affected by economic impacts or downturns	The fund will support clean energy and transportation infrastructure projects necessary to enable the sustainable development and expansion of critical minerals in Canada	The fund provides transformative investments in all sectors of the economy. Key objectives of the program include encouraging business R&D activities that lead to technology commercialization, accelerating the growth of innovative businesses in Canada	The fund supports small- and medium-sized Canadian businesses advancing innovative technologies that are pre-commercial and have the potential to demonstrate significant and quantifiable environmental and economic benefits	This fund is a new program under the Low Carbon Economy Fund and will support Indigenous-owned and led renewable energy, energy efficiency, and low-carbon heating projects
Funding	Funding varies by categories: Economic capacity: up to 100% to a maximum of \$100K Economic diversification: up to 80% to a maximum of \$1M Forest Impact Transition: up to 100% to a maximum of \$500K	Funding varies by program streams: Project Readiness: Up to 50% of total eligible project costs to a maximum of \$50K Capital Investment: Up to 20% of total eligible project costs to a maximum of \$10M	Up to \$1.5B in federal funding over seven years. Two avenues for support Indigenous Grants Program: Funding per project ranging from \$50K to \$150K Contribution funding: up to \$50M per project for nongovernmental applicants; up to \$100M per project for provincial and territorial governments	Minimum contribution amount is \$10M for a project with at least \$20M in total eligible costs	Up to 40% of eligible costs to a maximum of \$10M	Maximum contribution of \$6M per project
Application deadline	Next Intake July to October 2024	Open until all funds are allocated	December 31, 2024 for Indigenous Grants Program; Contribution Funding next call for proposal tbd	N/A	As of April 2024, funding has been temporarily paused	March 2027
Additional information	<u>Rural Economic Diversification and Infrastructure Program</u> <u>ruraldevelopment@gov.bc.ca</u>	<u>BC Manufacturing Jobs Fund</u> <u>ManufacturingJobsFund@gov.bc.ca</u>	<u>Critical Minerals Infrastructure Fund</u>	<u>Strategic Innovation Fund</u>	<u>SDTC Start-Up and Scale Up</u>	<u>Indigenous Leadership Fund</u>

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	Clean Investment Tax Credits	Federal Government Business Benefits Finder
Program Description	Federal Budget 2023 announced five new tax credits to help produce, manufacture, or transition to clean energy in Canada	The Business Benefits Finder is a tool that can help your business find Benefits and Services that you may be eligible to receive. It asks a few questions and uses your answers to search.
Funding	Credits range from 15–60%. Five tax credits include: <ul style="list-style-type: none">Clean Electricity Investment Tax CreditClean Technology Manufacturing Tax CreditClean Hydrogen Investment Tax CreditCarbon Capture Tax CreditClean Technology Investment Tax Credit	Varies depending on program
Application deadline	N/A	N/A
Additional information	<u>Clean Investment Tax Credits</u>	<u>Business Benefits Finder</u>