



 **MITREX**[™]
INTEGRATED SOLAR TECHNOLOGY

**RENEWABLE ENERGY INCENTIVES
BY THE GOVERNMENT OF CANADA**

Federal Tax Incentive for Clean Energy Equipment

For more information: <https://bit.ly/3m8hyZM>

The Government of Canada makes clean energy projects, such as solar energy, wind energy and energy from waste, more fiscally attractive for industry by providing business income tax incentives. Businesses can also use a federal tax incentive to fully expense clean energy generation and energy efficiency equipment. This means a CCA rate of 100% and the abolishment of the first-year rule.

The Income Tax Act and Income Tax Regulations include the following measures to encourage Canadian taxpayers to make investments in qualifying clean energy generation and energy conservation projects:

- An accelerated capital cost allowance (CCA) for investments in clean energy generation and energy conservation equipment;
- A first-year enhanced CCA for investments in clean energy generation and energy conservation equipment which allows a taxpayer to fully deduct the capital cost of eligible properties in the first year they are available for use by the taxpayer;
- Canadian renewable and conservation expense (CRCE), which is a category of expenditures relating to the development of eligible clean energy generation and energy conservation projects that may be deducted in full in the year incurred, carried forward indefinitely for use in future tax years or renounced under a flow-through share agreement; and
- Atlantic investment tax credit of 10% of the cost of prescribed energy generation and conservation properties.

1. Climate Action Incentive Fund

For more information: <https://bit.ly/371LgsQ>

The Climate Action Incentive Fund (CAIF) is an Environment and Climate Change Canada program under the Pan-Canadian Framework on Clean Growth and Climate Change, **delivering up to \$218M**. This program is funded from the proceeds of the federal carbon pollution pricing system. Programming is available in Saskatchewan, Manitoba, **Ontario**, and New Brunswick, where provinces had not committed to their own carbon pollution pricing systems in 2019-20. Eligible recipients would benefit from funding for projects to **decrease energy usage, save money, and reduce carbon pollution**.

2. Green Investment Fund

For more information: <https://bit.ly/33ziwaj>

Ontario is committing **\$325 million** to the Green Investment Fund for projects that will **fight climate change, grow the economy and create jobs**. These investments are part of our plan to secure a **healthy, clean and prosperous low-carbon future**. Funding will go towards electric vehicles, retrofitting social housing, helping businesses reduce emissions, help fund local environmental organizations and supporting indigenous communities.

3. Ontario Net-Metering

For more information: <https://bit.ly/33fJLWU>

Electricity consumers in Ontario may take advantage of the net-metering initiative with renewable energy generators up to 500kW or less. Net metering **allows Ontarians to send excess electricity to the distribution system for a credit toward energy costs**. Once you're connected to the distribution system, your local distribution company will continue to read your meter just as they do now and then subtract the value of electricity you supply to the grid from the value of what you take from the grid. What you'll see on your bill is the "net" difference between these two amounts. Credits can be used up within one year, any remaining credits after that are reset to zero.

1. Novoclimat

For more information: <https://bit.ly/39cXodv>

Large Multi-Unit Buildings: This Program applies to buildings of over 600 m² with up to 10 storeys. The buildings must be newly built or undergoing major renovation in order to obtain financial assistance. Take advantage of the 10% rebate offered by the CMHC on your insurance for **more energy efficient dwelling units**, which will reduce your energy costs.

2. ÉcoPerformance

For more information: <https://bit.ly/39govV5>

This Program seeks to **reduce energy use and greenhouse gas emissions** of businesses by funding projects or measures linked to the improvement of processes related to the consumption and production of energy. It is **available to businesses, institutions and municipalities that consume fossil fuels or use processes that generate fugitive GHG emissions** to enable them to make the transition to reducing emissions.

3. Energy-Efficient Renovations Grant

For more information: <https://bit.ly/2JcE9pN>

This program is aimed at encouraging renovations that will improve the **thermal envelope of buildings to make them more energy efficient**. It offers financial assistance for energy efficient work on the building envelope, such as: replacing the windows, insulating the walls, insulating the roof, sealing the building, installing thermal screens for greenhouses, etc.

4. New Efficient Construction Grant

For more information: <https://bit.ly/3o37Kkp>

This Program is aimed at **encouraging the construction of energy efficient buildings** that will reduce their operating expenses and increase their resale value.

1. Better Buildings BC Program

For more information: <https://bit.ly/2V2fLJJ>

The Net-Zero Energy-Ready Challenge is a provincial incentive program and juried competition that aims to celebrate and support the design and construction of complex buildings that achieve the top step of the BC Energy Step Code.

This Program is designed to support, promote and celebrate the design and construction of net-zero energy-ready buildings. Successful Applicants will receive the Net-Zero Energy-Ready Incentive, which are; Low-Rise multi-family = \$60/m² to a maximum of \$100,000, High-Rise multi-family= \$80/m² to a maximum of \$350,000 Office, \$10/m² to a maximum of \$250,000, Retail= \$40/m² to a maximum of \$175,000, Institutional= \$25/m² to a maximum of \$350,000

2. PST Tax Exemption

For more information: <https://bit.ly/37cSham>

There is a 7% PST exemption for **alternative energy generation and energy conservation equipment in BC.** This includes insulation, weather stripping, solar pv, micro-hydro, and more. There is also the 0.4% tax incentive on energy products to raise revenue for the Innovative Clean Energy (ICE) Fund (ICE Fund tax).

3. Transmission project incentives

For more information: <https://bit.ly/37cgPR1>

Program funding covers design, equipment, installation, disposal and taxes. The maximum incentive is calculated based on the amount of electricity that a project will save over its projected lifetime (to a maximum 10 year lifespan), at a base rate of \$45/MWh. BC Hydro will pay up to 90% of the incentive during the implementation process, with the rest paid after verification of energy savings. This is for you if your project or group of projects will save at least **300 megawatt-hours per year** and your project is a hard-wired facility upgrade with an expected lifespan of five years or more, you are eligible for this incentive.

4. BC Hydro-Distribution Project Incentive

For more information: <https://bit.ly/3I4EM1C>

This Program provides funding, to a maximum of \$500,000, for **energy efficiency upgrade projects, including design, equipment, installation, disposal and taxes**. Get up to 75% funding (to a maximum of \$500,000) for your energy efficiency upgrade projects and improve the payback on your investment to as little as one year. The funding covers all aspects of your project, including design, equipment, installation, disposal and tax. Your incentive rate is determined after we perform a financial evaluation. The incentive rate ranges from \$0.015 to \$0.029 per kilowatt hour.

5. Commercial New Construction Program

For more information: <https://bit.ly/2HAbA4G>

This Program offers financial incentives to owners of medium to large buildings to study different **energy saving systems to owners of small to large buildings** (including multi-unit residential buildings) for energy efficient lighting design to owners of large buildings in the early stage of the design process that **have potential electricity savings with at least 50,000 kWh per year**.

CANADA WIDE

ONTARIO

QUEBEC

BRITISH COLUMBIA

ALBERTA

MANITOBA

SASKATCHEWAN

NOVA SCOTIA

1. Solar for Schools Program

For more information: <https://bit.ly/39eDG0K>

Receive funding to **install solar on schools to generate power, teach students about renewable energy, and reduce your environmental impact.** Receive a rebate of \$1.5/watts for a system with a total installed capacity up to 10 kW.

2. Alberta Municipal Solar Program

For more information: <https://bit.ly/3o0cAyu>

This Program provides up to \$1.5 million in funding to municipalities to **install solar PV on municipal facilities or land to save money on municipal energy costs.** Receive a rebate per watt of total installed capacity (\$/W), up to 30% of eligible expenses, as per the table below.

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1. Affordable Housing

For more information: <https://bit.ly/318R0WK>

This Program offers rebates of up to 80% on cost-effective energy saving upgrades for eligible rental properties and up to 100% for providers of rent-free housing such as shelters and transition houses.

A no-cost energy audit will identify energy saving upgrades and determine your rebates. Help will be provided to cover the expense of the recommended upgrades, which may include improvements to lighting, heating, water heating, window and door replacement, insulation and more.

AVAILABLE SOLAR ENERGY FEDERAL TAX INCENTIVES

Classes 43.1 & 43.2 Describe Photovoltaic Electrical Generation Equipment As Part Of The Qualifying Systems:

Canada's Income Tax Act incentivizes clean energy generation. Classes 43.1 and 43.2 provide an accelerated capital cost allowance (CCA) to most systems acquired before 2025. Under these classes, **eligible equipment may be written off at 30-100 percent per year on a declining balance basis**. Eligible properties can apply the enhanced first-year allowance if they are acquired after November 2018 and are made available by 2028.

Time Needed for the Cost of Cladding to Fully Depreciate



All numbers and information modelled on Classes 43.1 and 43.2 of the Federal Government of Canada Income Tax Act. Mitrex recommends for every project to be individually reviewed by a certified accountant. For more information, please see: <https://bit.ly/3p6m10b>

ELIGIBLE CAPITAL COSTS



The below **capital costs** of Mitrex products can qualify as Canadian Renewable and Conservation Expenses (CRCE) and **may be deducted in full in the year incurred, carried forward indefinitely and deducted in future years, or transferred to investors under a flow-through share agreement:**

- 01 Installation of support **structures for photovoltaic modules**.
- 02 Purchase and installation of **solar photovoltaic array**.
- 03 Purchase and installation of **controls, power inverters, power-conditioning and battery storage equipment**.
- 04 Purchase and installation of **power transformer(s)**.
- 05 Purchase and installation of **electrical transmission line, including switches and meters**.



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