

## **Natural Resources Canada**

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# ecoENERGY for Aboriginal and Northern Communities Program

<http://www.ainc-inac.gc.ca/enr/clc/pr/ovr-eng.asp>

We are currently accepting energy project funding applications for fiscal year 2010-2011.

The deadline for submitting applications is Friday, October 1, 2010.

Major challenges for Aboriginal and northern communities include climate change impacts, the costs of energy and the costs of reducing greenhouse gas emissions. Scientific evidence suggests that climate change may have a greater impact on Aboriginal and northern communities than on other communities in Canada.

Even with comprehensive renewable energy and energy efficiency policies and measures, there remains a need to address the high level of emissions in Aboriginal and northern communities, many of which have old or aging community infrastructure and are reliant on emission-intensive and polluting diesel fuel systems for electricity production.

The *ecoENERGY for Aboriginal and Northern Communities Program* will work with all Aboriginal and northern communities, including the approximately 150 remote communities that rely on diesel power generation, to improve energy efficiency and adopt alternative energy sources to reduce dependence on diesel fuel.

The Program will provide funding assistance to communities through all stages of project development, including project identification and inception, feasibility and planning studies, financial and project management, equity partnerships, power purchase agreements and project completion.

Incentives will be directed at renewable energy and energy efficiency projects and will include investment in small and micro hydro projects, wind turbines, improved diesel generation efficiency projects, geothermal and district heating.

## Proven Energy Technologies

Eligible projects must focus on proven energy technologies. These include the following (where feasible):

- Renewable Energy: small or micro hydro facilities, wind turbines, solar PV and biomass
- Energy Efficiency: improved diesel generation efficiency (in off-grid communities), district heating applications, solar thermal, geothermal and improved energy/heating systems in community buildings.

## Key Work Areas

In order to support the development and implementation of renewable energy and energy efficiency projects, the following key work areas have been identified as leading to long-term sustainability in communities.

**Development of Community Clean Energy Baselines/Plans:** Support given to community-focused plans which emphasize renewable energy and clean energy planning to deliver economic development, employment opportunities and improved environment conditions. Plans should address the objectives of the government's Clean Air Initiative and Clean Energy Agenda.

**Contributions to Renewable Energy Projects:** Funding contributions for renewable energy projects to support Aboriginal and northern communities in project development and implementation.

**Contributions to Energy Efficiency Projects:** Funding contributions for energy efficiency projects to support Aboriginal and northern communities in improving the energy efficiency of community infrastructure.

**Off-Grid Communities Initiative:** There are approximately 150 off-grid Aboriginal and northern communities across Canada. There are a number of concerns that relate to energy in these off-grid communities, including the following:

### 1) Environmental Concerns

- Burning large amounts of diesel produces substantial greenhouse gas emissions. This contributes to climate change which negatively affects Northern communities.
- Fuel must be transported long distances by airplane, truck or barge, leading to a greater risk of fuel spills.
- The transportation of fuel by trucks on winter roads impacts the environment negatively through high greenhouse gas emissions from the vehicles.
- Fuel spills may take place while the fuel is being transported and stored, posing environmental risks. Fuel tank leaks contaminate soil and groundwater.

### 2) Social Concerns

- Generators can be noisy and disruptive, especially in quiet, remote communities.
- Emissions from diesel generators could contribute to health problems in community members.
- Black-outs can occur if diesel generators break down or are not properly maintained. This can be dangerous in cold, remote locations.

### 3) Economic Concerns

- Cold, northern locations have a high demand for diesel and heating fuel which contributes to high energy expenditures.

- Diesel fuel must be flown in, shipped in, or driven in on winter roads which leads to high transportation costs, which contributes to high energy expenditures.
- Diesel is a non-renewable resource; therefore the price of diesel fuel will likely continue to fluctuate in the future, based on overall supply and demand.
- The high cost of energy and energy supply issues in off-grid communities can deter new businesses, thus limiting future economic opportunities in off-grid communities.

### **Off-Grid Communities Initiative - Activities**

The *ecoENERGY for Aboriginal and Northern Communities Program* will work to address the environmental, social and economic concerns listed above through the following activities:

- Working with Aboriginal and northern communities, Federal departments, Provincial and Territorial governments and utilities to overcome energy challenges in off-grid communities.
- Promoting energy planning in order to facilitate energy efficiency and conservation.
- Collecting energy-related data on off-grid communities across Canada, including information on renewable energy projects (including past, current and potential projects).
- Providing support for energy projects at all stages of development (where feasible), especially those in the early stages.
- Building on the success of past projects and helping to replicate them across Canada.
- Supporting the connection of off-grid communities to the North American power grid, where feasible.

The *ecoENERGY for Aboriginal and Northern Communities Program* provides three sources of funding for energy projects. Depending on the type of project the community would like to develop, proponents should consult the funding criteria of each stream and apply to the stream which best suits their project:

- i. Community Energy Baselines;
- ii. Integrating Energy Efficiency/Renewable Energy Technologies to Community Infrastructure Projects; and
- iii. Large Energy Projects.

The *Project Funding Criteria* and *Funding Templates* (applications) for these three sources of funding can be found at the bottom of this page.

### **Program Objectives**

The *ecoENERGY for Aboriginal and Northern Communities Program* is focused exclusively on providing Aboriginal and northern communities with funding support for clean energy projects. The objective of the program is to reduce or displace coal and diesel generation

of electricity, thereby reducing greenhouse gas emissions and criteria air contaminants, resulting in cleaner air. Successful projects will also produce social, environmental and economic development benefits for these communities.

Specifically, the *ecoENERGY for Aboriginal and Northern Communities Program* will:

- Reduce greenhouse gas emissions from Aboriginal and Northern communities.
- Help build community capacity to optimize the economic developments associated with energy efficiency and new sustainable energy infrastructure.
- Promote the participation of Aboriginal and northern communities and governments in projects that reduce greenhouse gas emissions.

In addition, the *ecoENERGY for Aboriginal and Northern Communities Program* activities will yield a number of outcomes including:

- Generate cleaner power and reduce energy consumption.
- Foster economic development and knowledge-based employment in Aboriginal and northern communities.
- Increase the use of local renewable energy resources and improve the efficiency of generation and consumption systems.
- Make contributions to the reduction of environmental risks such as diesel fuel spills, water and air pollution.
- Promote investment in a new generation of energy infrastructure needed to promote economic development and meet the demands of growing populations in Aboriginal and northern communities.

The Program will increase the capacity in Aboriginal and northern communities to understand and address climate change issues and the relationship to energy use, and will work to engage other federal departments/agencies and provincial/territorial energy utilities in Aboriginal and northern community climate change activities.

## Key Program Performance and Outcomes

- **Making Aboriginal and Northern Communities Full Partners in Canada's Climate Change Process:** the *ecoENERGY for Aboriginal and Northern Communities Program* supports Aboriginal and northern communities in clean energy actions, helping make these critical populations full partners in the Clean Energy Agenda.
- **Improving Conditions in Aboriginal and Northern Communities:** the *ecoENERGY for Aboriginal and Northern Communities Program*, through improving community energy planning and understanding the impacts of climate change, is helping Aboriginal and northern communities plan better to make their communities more sustainable.

- **Integration with departmental programming:** the *ecoENERGY for Aboriginal and Northern Communities Program* integrates energy and climate change issues with INAC Economic Development, Infrastructure, Strategic Policy and off-grid/remote communities programming.
- **Greenhouse Gas Reductions:** Through support for renewable energy and energy efficiency projects, particularly through its Large Energy Project Working Group, the *ecoENERGY for Aboriginal and Northern Communities Program* will catalyze energy projects, leading to a reduction in greenhouse gas emissions over the life cycle of projects that it funds.
- **Economic Development and Income Generation:** Previous climate change programming has been able to contribute directly to income generation and economic development in Aboriginal and northern communities through clean energy projects. For example, the China Creek run of river hydro facility owned by the Hupacasath First Nation is now generating a net surplus for the community as a result of power sales to BC Hydro.
- **Community Energy Planning:** the *ecoENERGY for Aboriginal and Northern Communities Program's* support for Community Energy Planning assists community members in knowing what options are available to reduce energy consumption, greenhouse gas emissions and energy costs.

## Promoting Partnerships

Proposals that include key partners (such as provincial/territorial governments, Aboriginal governments, educational institutions, professional or industrial associations, non-governmental organizations or the private sector) whose contributions are monetary or in-kind, will be given a higher rating.

## Non-eligible projects

Funding will not be provided for projects:

- that do not have a primary focus on energy efficiency or renewable energy;
- that are regular activities of the organization or a group's overall program (e.g. general meetings, conferences);
- where the benefit of the project does not accrue to Aboriginal people or northerners; or
- where the benefit of the project accrues to one individual.

## Eligible Organizations

Funds may be provided to any of the following organizations:

- Aboriginal and northern Communities;
- Band Councils;
- Tribal Councils;
- National Aboriginal organizations and other Aboriginal organizations, including professional organizations;
- Aboriginal community groups (volunteer groups, community associations and institutions);
- Territorial governments and northern organizations; and,
- Aboriginal businesses and Aboriginal industries.

## Funding Availability

The following levels of funding are available:

**1) Community Energy Baselines/Plans** - between \$5,000 and \$15,000 per community is available, depending on the size of the community.

**2) Integrating Energy Efficiency/Renewable Energy Technologies into Community Infrastructure Projects** - up to \$100,000 is available, depending on the size of the project and the stage of its development.

**3) Large Energy Projects** - up to \$250,000 is available, depending on the size of the project of its development.

### 1) Community Energy Baselines/Plans

A community energy baseline analysis is a useful and quick method to determine the existing energy situation in a community and is therefore an important first step in identifying potential projects and initiatives that could be supported by the *ecoENERGY for Aboriginal and Northern Communities Program*. The funding required to conduct a community energy baseline analysis of a community usually falls within the \$5,000 to \$15,000 range, largely depending on the size of the community and its location (remoteness). Cost savings per community can often be achieved by conducting community energy baseline analysis/plans for a number of communities under a single initiative.

For more information about community energy baseline analyses and community energy planning or to request a funding template application, please contact [ecoENERGY@ainc-inac.gc.ca](mailto:ecoENERGY@ainc-inac.gc.ca).

### 2) Integrating Energy Efficiency/Renewable Energy Technologies into Community Infrastructure Projects

- [Project Funding Criteria](#)
- [Funding Template](#) (application for funding)

For more information about integrating energy efficiency/renewable energy technologies into community infrastructure projects or to ask if your project could be considered for funding, please contact [ecoENERGIE-ecoENERGY@ainc-inac.gc.ca](mailto:ecoENERGIE-ecoENERGY@ainc-inac.gc.ca).

### 3) Large Energy Projects

- [Project Funding Criteria](#)
- [Funding Template](#) (application for funding)

For more information about our large energy project funding, please contact [ecoENERGIE-ecoENERGY@ainc-inac.gc.ca](mailto:ecoENERGIE-ecoENERGY@ainc-inac.gc.ca).

For more Information Visit the Program Website at

<http://www.ainc-inac.gc.ca/enr/clc/prs/ovr-eng.asp>

## ecoENERGY for Biofuels Program

<http://oee.nrcan.gc.ca/transportation/ecoenergy-biofuels/index.cfm>

What is the ecoENERGY Biofuels Program?

The ecoENERGY for Biofuels program supports the production of renewable alternatives to gasoline and diesel and encourages the development of a competitive domestic industry for renewable fuels. The program provides an operating incentive to facilities that produce renewable alternatives to gasoline and diesel in Canada.

ecoENERGY for Biofuels will invest up to \$1.5 billion over nine years in support of biofuel production in Canada. Administered by Natural Resources Canada, the ecoENERGY for Biofuels program runs from April 1, 2008 to March 31, 2017. Recipients will be entitled to receive incentives for up to seven consecutive years.

### ***Program Update***

July 1, 2010 – ecoENERGY for Biofuels Program Update

In June, the Program completed the assessment of the 35 applications from **new producers** against the “advanced state of readiness” criteria.

To date the Program has determined from the 68 applications received that:

- 48 applications were deemed to be complete;
  - 13 from **existing producers** (representing a potential of \$139.24M and 222 ML litres of biofuel by March 2012 and increasing thereafter)
    - 8 were deemed eligible
    - 3 decisions are pending
    - 2 were deemed ineligible (did not meet eligibility criteria)
  - 35 from **new producers** (representing a potential of \$1,263.44M and 1,359 ML litres of biofuel by March 2012 and increasing thereafter)
    - 7 successfully demonstrated an “advanced state of readiness”
    - 27 determinations of advanced state of readiness are pending responses to clarification questions
    - 1 withdrawn
- 15 applications were deemed incomplete;
  - 4 were deemed ineligible due to fuel type; and
  - 1 application was withdrawn early in process.

Official notification has been sent to all applicants where decisions have been rendered. As the remaining decisions are rendered on eligibility and ability to demonstrate an “advanced state of readiness”, they too will be communicated as soon as the determination is made.

Merit assessment results and respective ranking for **new producers**, who successfully demonstrated an “advanced state of readiness”, will be communicated to all those implicated on the same day.

Natural Resources Canada aims to make final decisions based on highest ranked projects by fuel type, subject to funding availability and volume targets in the summer of 2010.

June 1, 2010 – ecoENERGY for Biofuels Program Update

In May, the Program completed the assessment of the 13 complete applications from **existing producers** against program criteria and applicants were notified of their eligibility status. Draft contribution agreements are being prepared and will be sent to those who have received a "Letter of Conditional Approval" for review and concurrence. Once concurred to, a final version will be sent for signature.

The program is currently assessing the 35 complete applications from **new producers** against the "advance state of readiness" criteria. Projects that are not successful in demonstrating "advanced state of readiness" will be informed that their application will be given **no further consideration**.

The projects that successfully demonstrate this minimum threshold will be receiving a letter informing them that they were successful and their application will undergo a full merit-based assessment against all program criteria. All projects assessed under this process will be rated against each criteria by an interdepartmental committee. Each project will then be ranked according to the total score it receives. NRCan will send letters of conditional approval to applicants in order of highest rank, by fuel type, subject to funding availability and target needs.

Natural Resources Canada aims to make final decisions in the summer of 2010.

May 1, 2010 – ecoENERGY for Biofuels Program Update

The Program has reviewed the 68 applications received, from both existing and new producers, for completeness and determined that:

- 48 applications were deemed to be complete;
  - 13 from existing producers (representing a potential of \$139.24M and 222 ML litres of biofuel by March 2012 and increasing thereafter)

- 35 from new producers (representing a potential of \$1,263.44M and 1,359 ML litres of biofuel by March 2012 and increasing thereafter)
- 15 applications were deemed incomplete;
- 4 were deemed ineligible; and
- 1 application was withdrawn.

The Program will send official notification to companies whose applications were deemed incomplete and therefore their projects will receive no further consideration.

The Program is now assessing the 13 complete applications from **existing producers** against program criteria and will soon be notifying applicants of their eligibility status. Contribution agreement negotiations will begin immediately thereafter for those who receive a "Letter of Conditional Approval".

Once the decisions on all **existing producers** are made, the Program will begin to assess the 35 complete applications from **new producers** against the "advance state of readiness" criteria. Projects that successfully demonstrate this minimum threshold, will receive a letter informing them that their application will undergo a full merit-based assessment against all program criteria. Natural Resources Canada aims to make final decisions based on highest ranked projects by fuel type, subject to funding availability and volume targets in the summer of 2010.

April 1, 2010 – ecoENERGY for Biofuels Program Update

The deadline to apply to the ecoENERGY for Biofuels program was March 31, 2010. The program is no longer accepting applications.

To date, after program changes were announced in December 2009, the program has received 68 applications from both existing and new producers representing approximately \$2,061M and the potential production of 540 million litres of renewable alternatives to gasoline and 1576 million litres of renewable alternatives to diesel per year by March 2012 and increasing thereafter. Currently, \$473 million is available within the program budget.

The program will work swiftly to assess applications against full program criteria and deem projects eligible. Final funding decisions will be made subject to funding availability and program volume targets.

February 17, 2010 – ecoENERGY for Biofuels Program update

There continues to be positive response from the ecoEnergy for Biofuels Program changes announced on December 14, 2009. Since the changes were announced, the Program has received 93 expressions of interest from new and existing producers.

17 projects from "existing producers" worth approximately \$236M (including requests for volume increases to existing contribution agreements)

76 projects from "new producers" worth approximately \$2.02B (including requests for volume increases to existing contribution agreements)

To date the program has 21 signed Contribution Agreements representing a total commitment of \$966M (\$765M Ethanol and \$201M biodiesel) with a potential production of 1.6 billion litres attainable by 2011/12.

Note that the program has an allocation of \$1.438B to attain its volume targets of 2 billion litres of renewable alternatives to gasoline and 500 million litres of renewable alternatives to diesel by 2011/12.

**Existing producers** are advised to complete the new program application as soon as possible to give ample time for the program to assess it and provide comments in advance of March 31, 2010.

**New producers must** clearly demonstrate the "advanced state of readiness" of their project by March 31, 2010. In order to do this, complete applications with all supporting documents need to be sent to the program as soon as possible.

All interested applicants are reminded that no information (e.g. changes to the application or missing documentation) will be accepted after the March 31, 2010 deadline.

January 12, 2010 - ecoENERGY for Biofuels Program update

Reaction to the ecoEnergy for Biofuels Program changes announced on December 14, 2009, has been extremely positive. In the two weeks following the announcement, the Program received 85 expressions of interest from new and existing producers.

16 projects from "existing producers" worth approximately \$232M (including requests for volume increases to existing contribution agreements)

69 projects from "new producers" worth approximately \$1.89B (including requests for volume increases to existing contribution agreements)

To date the program has 21 signed contribution agreements representing a total commitment of \$965M (\$765M Ethanol and \$200M biodiesel) with a potential production of 1.6 billion litres attainable by 2011/12. Note that the program has an allocation of \$1.438B to attain its volume targets of 2 billion litres of renewable alternatives to gasoline and 500 million litres of renewable alternatives to diesel by 2011/12.

In accordance with new program parameters, the program will first seek to commit from the remaining \$473 million for existing producers who will be in production by March 31, 2010 and who meet all program requirements.

Funds not allocated to existing producers by March 31, 2010, will be used to support the highest ranked projects from new producers that were able to successfully demonstrate an advanced state of readiness by March 31, 2010. Those projects will undergo a comprehensive merit-based assessment and be rated and ranked. Final funding decisions will be based on ranking by fuel type, subject to volume target needs and funding availability.

Based on the significant interest in the program, it is important for companies to submit a completed application as soon as possible. This will allow the program to review the material and comment on its adherence to program requirements and for applicants to make adjustments in advance of the March 31, 2010 application deadline.

**No information** (e.g. changes to the application or missing documentation) **will be accepted after the March 31, 2010 deadline.**

Note that a separate application must be completed for each production plant or facility, an expansion of a plant or facility, or expanded volumes for those with existing contribution agreements.

December 14, 2009 – ecoENERGY for Biofuels Program Changes

Following 18 months of Program delivery, there continues to be strong market interest in the ecoENERGY for Biofuels Program and in expanding Canada's production of renewable fuels such as ethanol and biodiesel.

Over the last several months, Natural Resources Canada has worked with other federal departments to conduct an interim assessment of the ecoENERGY for Biofuels Program. During this assessment, it became apparent that some of the Program parameters, coupled with the economic climate, are challenging the viability of biofuels projects. Adjustments are being made to ensure that the Program operates as effectively as possible to meet its renewable fuels target.

Six modifications to the Program design have been implemented, effective December 14, 2009. These changes are intended to provide more predictable and stable payments for renewable fuel production and to ensure that the Program supports the most viable projects leading to long-term sustainable growth in the renewable fuel industry.

**ecoENERGY for Biofuels  
Program Design Changes**

<b>Previously (April 1, 2008-December 13, 2009)</b>	<b>New As of December 14, 2009</b>
Variable incentive rate calculated and paid quarterly based on market conditions	Fixed, declining incentive rate with monthly payments  *(retroactive to April 1, 2008)
Same eligibility criteria for all producers	New eligibility criteria have been introduced. “Existing producers” will be defined as those capable of producing biofuel by March 31, 2010. “New producers” will be defined as those that, although not producing by March 31, 2010, are able to demonstrate an “advanced state of readiness” as defined by the Program.
Assess and approve applications in the order in which they are deemed complete (subject to funding availability and fuel type as needed to meet Program volume target)	New <a href="#">merit-based assessment criteria</a> for project selection has been established for projects (new producers) demonstrating the minimum threshold of “advanced state of readiness”
Construction deadline of March 31, 2011	Construction deadline of September 30, 2012
30 percent cap – No individual company will receive an operating incentive on volumes that exceed 30 percent of the Program's total eligible volumes based on fuel type.	30 percent monetary-based cap for renewable alternatives to diesel.  30 percent cap of total eligible volumes will remain the same for renewable alternatives to gasoline
Funding profile based on demand projections prior to Program launch.	Reallocation of Program funds within the existing fiscal framework will better align funds to the actual volumes expected for the remaining years of the Program.

### Moving Forward

On December 14, 2009, stakeholders were informed of Program changes and asked to express, **by December 21, 2009**, their intention to participate in the Program under the new rules and to self-identify whether they are “new” or “existing” producers in accordance with Program definitions.

Program administrators will contact all those who express an interest in participating in the Program and fully explain the process moving forward.

For more information visit the Program website at:

<http://oee.nrcan.gc.ca/transportation/ecoenergy-biofuels/index.cfm>

## **ecoENERGY for Renewable Heat Program**

<http://ecoaction.gc.ca/ecoenergy-ecoenergie/heat-chauffage/index-eng.cfm>

Using the power of the sun to heat buildings and water not only helps businesses lower costs, but it reduces the amount of harmful emissions produced. The ecoENERGY for Renewable Heat program is a four-year, \$36 million investment to:

- Increase the use of renewable thermal energy by industry, commercial businesses and institutions
- Boost the amount of renewable thermal energy created for these sectors
- Contribute to cleaner air by helping Canadian businesses use less fossil fuel-based energy for space and water heating in buildings across the country

The ecoENERGY for Renewable Heat program runs from April 1, 2007 to March 31, 2011. Incentives are offered to the industrial/commercial/institutional sector to install active energy-efficient solar air and/or water heating systems. Eligible projects must be completed and commissioned within the dates indicated in the contribution agreement with NRCan. Preliminary estimates suggest that, by 2011, the program will have supported installations in about 700 buildings.

In addition, pilot projects conducted with energy utilities, energy service companies and non-governmental organizations will explore ways of making solar water heating systems more accessible to Canadian homeowners. While the program will not be offering incentives directly to homeowners, these large-scale pilot projects are designed to install solar water heating systems into several thousand homes.

ecoENERGY for Renewable Heat will also help support the growing renewable energy market by:

- Supporting the development of industry standards and certification processes
- Promoting the inclusion of new technologies in building codes and provincial and municipal regulations
- Training system designers, technicians and installers

**Are there financial incentives?**

ecoENERGY for Renewable Heat will offer an incentive to industrial, commercial and institutional purchasers of solar heating systems. The anticipated Incentive amount is calculated as follows: [Performance Factor](#) x [Incentive Rate](#) x [Area of Collector](#).

**Who is eligible for incentives?**

Businesses, industries and public institutions are eligible.

**Are there terms and conditions for eligibility?**

Yes, certain [terms and conditions](#) apply.

**How do I apply?**

To apply, please consult the [guidance document](#), the [terms and conditions](#) and complete the solar water application form or the solar air application form.

All signed application forms must be received by Natural Resources Canada no later than October 1, 2010, and can be sent by fax (613-943-6517), by [e-mail](#) , or by mail to the following address:

ecoENERGY for Renewable Heat  
Renewable and Electrical Energy Division  
Natural Resources Canada  
615 Booth Street, Room 150, Ottawa, Ontario, K1A  
0E9

**Want more information?**

If you have questions or need additional information on the terms and conditions, please contact the ecoENERGY for Renewable Heat program by e-mail ([ecoenergyrhpn@nrcan.gc.ca](mailto:ecoenergyrhpn@nrcan.gc.ca)) or by fax (613-943-6517).

To request more information on ecoACTION initiatives:

- Phone: 1 800 O-Canada (1 800 622-6232)
- TTY: 1 800 926-9105

## EcoENERGY for Renewable Power Program

<http://ecoaction.gc.ca/ecoenergy-ecoenergie/power-electricite/index-eng.cfm>

What is the ecoENERGY for renewable power program?

ecoENERGY for Renewable Power will invest \$1.48 billion to increase Canada's supply of clean electricity from renewable sources such as wind, biomass, low-impact hydro, geothermal, solar photovoltaic and ocean energy. It will encourage the production of 14.3 terrawatt hours of new electricity from renewable energy sources, enough electricity to power about one million homes.

### **Are there financial incentives?**

ecoENERGY for Renewable Power will provide an incentive of one cent per kilowatt-hour for up to 10 years to eligible low-impact, renewable electricity projects constructed over the next four years, April 1, 2007 to March 31, 2011.

### **Are there terms and conditions for eligibility?**

NRCan amended the terms and conditions of the ecoENERGY for Renewable Power program in August 2008. The new [terms and conditions](#) will come into effect on September 3, 2008. [Questions and Answers](#) on the the new terms and conditions are available.

Who is eligible?

Businesses, municipalities, institutions and organizations are eligible.

### **How do I apply?**

[Online](#)   [PDF \(104 KB\)](#)

See the Compliance Checklist for the Notice of Project Application (NPA)

To apply, please complete the application form [on-line](#) or [download the PDF \[16.0 KB\]](#) to complete by hand. Sign the completed form and send one hard copy with attachments. Along with the hard copy, provide a digital copy of the signed form with attachments in PDF format. Send the package to Natural Resources Canada at the address provided below.

### **How do I submit my Technical Project Information (TPI)?**

Click here for link: [Technical Project Information](#)

ecoENERGY for Renewable Power  
Renewable and Electrical Energy Division  
Natural Resources Canada  
615 Booth, Room 160  
Ottawa, Ontario K1A 0E9

### **Want more information?**

You can see the [list of projects registered under the program](#).

You can see the list of [projects with Contribution Agreements](#) under the program.

If you have questions or need information that is not provided here or in the terms and conditions, please contact ecoENERGY for Renewable Power by e-mail ([ecoenergyrp@nrcan.gc.ca](mailto:ecoenergyrp@nrcan.gc.ca)) or by fax (613-995-8343).

# Available Energy Star Rebates (By Province or Territory)

## What is Energy Star?

Energy Star is an international symbol of energy efficiency. The Energy Star symbol helps consumers quickly and easily identify major appliances and other energy-using equipment that save energy. Energy Star identifies products as the top high efficiency performer in their category. Energy Star is a dynamic government/industry partnership that makes it easy for businesses and consumers to save money and protect the environment.

## What Is an Energy Star Rebate?

The Various Levels of Government in Canada offer a variety of rebates and Incentive Programs to individuals and businesses that purchase Energy Star appliances. These can range from mail in rebates to specific tax exemptions.

## British Columbia

BC Hydro, Hydro Power Smart ENERGY STAR Appliance Rebate Program is offering rebates on the purchase of new ENERGY STAR qualified appliances: \$50 for clothes washers, \$50 for refrigerators and \$25 for freezers. Complete details can be found on the [web site](#).

[FortisBC](#) offers all its customers an incentive for energy efficient air-source heat pumps through the PowerSense Air Source Heat Pump Program. For qualifying models, the financial incentives will consist of either a rebate or financing of up to \$5,000 over 10 years at 4.9% fixed rate. FortisBC PowerSense offers other incentives for energy efficient upgrades for new or existing homes. For further information, call 1-866-436-7847 or visit [the web site](#).

[City of Victoria British Columbia's Incentive on the purchase of eligible high efficient clothes washers](#). As part of the Smart Wash program, the Capital Regional District Water Service in Victoria British Columbia offers Victoria residents a \$100 rebate on the purchase and installation of a qualifying high-efficient clothes washer. By using less water, residents will save on water and water heating bills all year long.

For more information on the Smart Wash program visit <http://www.crd.bc.ca/water/conservation/rebates/smartwash.htm> or call (250) 474-9684

## Manitoba

Manitoba Hydro's Commercial Kitchen Appliance Program offers rebates for ENERGY STAR qualified steamers and fryers for restaurants and foodservice establishments: \$2,500 per steamer, \$1,250 per fryer. Complete details on eligibility and qualified models can be found on the website.

Manitoba Hydro's Commercial Clothes Washers Program, offers an incentive for its commercial customers that purchase and install ENERGY STAR qualified front-loading commercial clothes washers in their business or facility. For more information, please visit the website.

Manitoba Hydro's Power Smart Furnace/Boiler Replacement Program offers a \$245 credit on customers, natural gas bill for the installation of a new ENERGY STAR qualified high-efficiency furnace or boiler. The Power Smart Home Insulation Program offers financial incentives on the purchase of insulation (up to 100 per cent of the material cost ) that must meet eligibility requirements and insulating work that must meet the minimum Power Smart levels.

## New Brunswick

Efficiency NB, a crown corporate of the **Government of New Brunswick**, promotes ENERGY STAR qualified appliances and products in its public education initiatives as well as providing an ENERGY STAR Package Incentive Bonus as a component of its New Homes Program.

## Northwest Territories

The Government of the Northwest Territories Energy Efficiency Incentive Program helps consumers to purchase more energy efficient products. The purchase of a new ENERGY STAR qualified refrigerator (larger than 6.4 cubic feet) or a new ENERGY STAR qualified front-loading clothes washer qualifies for a \$200 rebate for customers with diesel or natural gas or a \$100 rebate for customers with hydro. Visit the Arctic Energy Alliance Web site for more information. The NWT also offers various rebates for the purchase and installation of high efficient furnaces or boilers, emission neutral wood or pellet stoves or efficient water heaters. Full details are available at <http://www.enr.gov.nt.ca/eps/EEIP.html>

## Ontario

The Province of Ontario has a point-of-sale retail sales tax exemption for decorative light strings, ENERGY STAR qualified light bulbs, refrigerators, dishwashers, clothes washers, freezers, dehumidifiers and room air conditioners that are purchased, rented or leased after July 20, 2007 and before August 31, 2009 and delivered on or before September 30, 2009. Full details can be found by contacting the Ontario Ministry of Revenue by calling 1-888-668-4636.

City of Toronto's Incentive on the purchase of eligible water efficient clothes washers. The City of Toronto offers residents \$60 cash back on the purchase of a new high-efficiency, front-loading washer. For more information please visit <http://www.toronto.ca/watereff/washer/index.htm>

Enbridge Gas Distribution is offering Various Rebates for the purchase of ENERGY STAR qualified high-efficiency natural gas heating systems. More details can be found on their Website <https://portalplumprod.cgc.enbridge.com/portal/server.pt?space=CommunityPage&control=SetCommunity&CommunityID=285#3>

## Quebec

ENERGY STAR qualified compact fluorescent bulbs. Until December 31, 2009, Hydro-Québec offering a mail-in rebate on eligible brands of ENERGY STAR qualified compact fluorescent light bulbs. Customers can obtain a \$5 rebate on every \$10 spent (before taxes), up to a maximum rebate of \$25 per address. Visit the Lighting section of Hydro-Québec's Web site for the list of eligible brands, the rebate coupon and the terms and conditions.

ENERGY STAR qualified lighting fixtures. From September 1, 2008, to December 31, 2009, Hydro-Québec is offering a mail-in rebate of \$15 (or the purchase price before taxes, if less than \$15) on eligible brands of ENERGY STAR qualified lighting fixtures. Maximum of five fixtures per address. Visit the Lighting section of Hydro-Québec's Web site for the list of eligible brands, the rebate coupon and the terms and conditions.

Gaz Métro offers a \$30 financial incentive on the purchase of an ENERGY STAR programmable electronic thermostat. Financial incentives up to \$450 are also available on the purchase of ENERGY STAR high efficiency hot air furnace and up to \$600 for an ENERGY STAR superior energy efficiency boiler.

## **Yukon**

The Yukon Government's Good Energy Program provides rebates for eligible ENERGY STAR qualified appliances and heating equipment purchased between April 1, 2009 and February 28, 2010. A full list of products and more details are available on their Web site at: <http://www.emr.gov.yk.ca/energy/programs.html>

# Canadian Industry Program for Energy Conservation (CIPEC)

<http://oee.nrcan.gc.ca/industrial/cipec.cfm>

The **CIPEC Annual Report 2009** was released at the [Energy 2009](#) conference. The report outlines the energy efficiency accomplishments of Canadian industry, profiles more than 20 industrial sectors and notes their energy intensity improvements, targets and challenges.

Natural Resources Canada's (NRCan's) ecoENERGY for Industry and ecoENERGY Retrofit initiatives are designed to improve industrial energy intensity and reduce energy-related industrial greenhouse gases (GHGs) and air pollution.

These initiatives are delivered through the long-standing and successful Canadian Industry Program for Energy Conservation (CIPEC) a [voluntary partnership](#) between the Government of Canada and industry that brings together industry associations and companies representing more than 98 percent of all industrial energy use in Canada. Since 1975, CIPEC has been helping companies cut costs and increase profits by providing information and tools to improve energy efficiency:

Incentives for industrial [energy retrofit projects](#)

Incentive for industrial [energy assessments](#)

[Dollars to \\$ense](#) energy management workshops customized to meet specific needs

[Employee Awareness Program](#)

Information on [innovative financing](#) and [accelerated capital cost allowances](#) for energy efficient and alternative energy systems

[Benchmarking information](#), [case studies](#), [technical guides](#) and the twice-monthly [newsletter Heads Up CIPEC](#)

[Boiler Efficiency Calculator](#) to quickly analyze the efficiency of boiler operations

[Energy Management Services Directory](#) that helps companies locate contractors

[Directory of Energy Efficiency Programs for Industry](#) to find energy efficiency and alternative energy programs of specific interest to Canadian industry.

### ***Energy Efficiency: Good for Business – Good for the Environment***

Through CIPEC, the mining, manufacturing and construction sectors have voluntarily met and exceeded annual targets to reduce their energy intensity – the energy they use per unit of output. Upstream oil and gas companies have implemented projects to reduce GHG emissions by millions of tonnes and electrical utilities have dramatically increased their alternative energy production. Visit the [CIPEC Annual Report](#) to find out more about what Canadian industry is doing to become more energy efficient.

### ***Get On Board***

Find out how your company can benefit by registering as a [CIPEC Leader](#).

# Canadian Arctic-Antarctic Exchange Program

[http://polar.nrcan.gc.ca/app/exchange\\_program\\_e.php](http://polar.nrcan.gc.ca/app/exchange_program_e.php)

Scientists who are applying for the Polar Shelf Logistics Program may also wish to apply for the Canadian Arctic-Antarctic Exchange Program.

## Objective

To encourage collaboration among Canadian Arctic and non-Canadian Antarctic scientists wishing to undertake joint studies in the respective polar regions.

## Background

Polar Continental Shelf Program (PCSP) currently provides logistics support on a no-cost, cost-shared, or cost-recovery basis to Canadian government, university and independent research scientists working in the Canadian Arctic. Services to scientists from other countries are provided on a full cost-recovery basis.

With Canada taking an increasing interest and role in the Antarctic scientific community, it is desirable that incentive be provided to Canadian Arctic and non-Canadian Antarctic scientists to undertake joint bi-polar research programs. The **Canadian Arctic-Antarctic Exchange Program** will help Canada to consolidate its international commitments in this area.

## Encouraging Bi-polar Scientific Collaboration

PCSP will accept applications from Canadian scientists wishing to "sponsor" Antarctic partners.

If a proposal is approved by the Canadian Committee on Antarctic Research (CCAR) and PCSP's Scientific Screening Committee, the non-Canadian collaborators will be eligible for the same type of logistics support from PCSP as are Canadian scientists. In turn, the Antarctic partners involved in such programs must demonstrate a firm commitment to provide logistics support in kind to their Canadian partners while working in Antarctica; this exchange commitment will be a key selection criterion for the CCAR and PCSP review committees

## How to Proceed

In order to avoid adding to the paper burden by requiring a separate application, Canadian scientists interested in taking advantage of this opportunity should indicate on page one of the enclosed PCSP [Application for Logistics Support](#) that they wish to participate in the exchange program. In addition, include a maximum two-page proposal along with the standard application forms required by PCSP indicating

- the nature of the collaborative work proposed
- how this collaborative work will enhance your ongoing Arctic scientific research

- the identity(ies) of your proposed Antarctic partner(s), a brief outline of their work in the Antarctic, and their professional credentials
- a well-defined plan indicating demonstrable benefits to the Canadian partner(s) - i.e., a firm commitment by the Antarctic partners to provide logistics "support in kind" to the Canadian scientists involved within a two-year period following completion of each of the Arctic field seasons under the exchange.

This information must be received by PCSP by the application deadline. The material will be compiled by PCSP and sent to the Chair, CCAR; CCAR will review the applications, rank them in order of priority and submit recommendations to PCSP. In early December, the PCSP Scientific Screening Committee, as part of its annual deliberations, will review requests related to the **Canadian Arctic-Antarctic Exchange Program**, taking into consideration the CCAR ranking.

PCSP reserves the right to make final decisions based upon resource availability and logistics feasibility. Applicants are informed of logistics decisions by PCSP through a Letter of Support, traditionally mailed out in February/March each year.

[Canadian scientists sponsoring Antarctic partners working in the Arctic are responsible for ensuring that all research collaborators abide by all terms and conditions, and legislative, regulatory and licensing requirements governing research in the Canadian Arctic.]

For More Information visit: [http://polar.nrcan.gc.ca/app/exchange\\_program\\_e.php](http://polar.nrcan.gc.ca/app/exchange_program_e.php)

## **Wladimir A. Smirnoff Fellowship (for Quebec university students)**

<http://sopfim.qc.ca/en/fellowship/index.php>

### **What is the Wladimir A Smirnoff Fellowship?**

The Wladimir A. Smirnoff Fellowship is a joint initiative of the Société de protection des forêts contre les insectes et maladies (SOPFIM) and Natural Resources Canada – Canadian Forest Service (NRCan – CFS).

- A *\$5,000 fellowship* will be awarded annually to each of two Master's or Ph.D. students in biological forest pest control at a Quebec university.
- The deadline for submission of applications is February 28<sup>th</sup> of each year.
- The *names of the recipients will be announced in mid-March*, and the fellowships will be available as soon as the recipients enroll in the programs.
- At the request of the two funding organizations, the recipient should agree to participate in promotional activities.

**The deadline for submission of applications is February 28 of each year.**

### **Who is eligible?**

The applicant must:

- Be a Canadian citizen or permanent resident of Canada;
- Have an undergraduate degree or be close to obtaining one;
- Be enrolled in a full-time program at the graduate or post-graduate level in a Quebec university during the year following the application, for at least two semesters;
- Study biological forest pest control (development of biological insecticides, development of new control strategies, development of application technologies for biological insecticides, etc.)
- have the support of a research director for the project

### **How To Apply**

In order to apply visit the SOPFIM website and fill out the online application form.

<http://sopfim.qc.ca/en/fellowship/index.php>

