



Annex B

Industrial Energy Efficiency Programs Available Across Canada

Energy and Mines Ministers' Conference

Halifax, Nova Scotia

July 2015



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Overview

Energy efficiency is a key element of responsible resource development and is recognized by governments in Canada as a means to save consumers money; improve industry productivity and competitiveness; and build public confidence through improved environmental performance. Annex B includes a list of industrial energy efficiency programs across Canada.

Federal programs

Federal programs for industry-focused energy efficiency are available across Canada and offer:

- sector-wide performance statistics
- sector-specific tools and resources
- information and training about best practices
- energy management resources to complement provincial initiatives
- technical expertise for process and equipment optimization
- tax incentives
- voluntary programs for industry as a platform and for peer to peer support
- stakeholder outreach through national industry associations

Provincial and territorial programs

Provinces and territories with industrial activity offer resources designed to support industrial energy efficiency within their jurisdictions, which include:

- funding for energy managers, equipment retrofits, renewable and waste heat energy generation and process optimization
- demand-side management programs
- on-site technical experts
- credits for emissions offsets

Program structure varies across jurisdictions. Some jurisdictions offer a single, industry focused program with a wide range of services, resources and support to industrial facilities looking to improve their processes through energy efficiency. Others offer a suite of focused programs that can be combined as needed to address the requirements of industrial facilities.

Government of Canada programs

Industry network leading the way



The **Canadian Industry Program for Energy Conservation (CIPEC)** works with a network of more than 1,400 companies and 50 trade associations to promote effective voluntary action that reduces industrial energy use per unit of production, thereby improving economic performance while contributing to Canada's climate change objectives. CIPEC provides networking opportunities and peer-to-peer support. This industry-government partnership aims to promote and improve Canada's industrial energy efficiency and reduce greenhouse gas emissions from energy use in the industrial sector. Benchmarking and best practices resources are also available to assess and compare energy efficiency performance with facilities across industries.

Contact: Website: www.cipec.gc.ca



Natural Resources
Canada

Ressources naturelles
Canada

Manage energy and improve processes

The **ecoENERGY Efficiency for Industry** program offers cost-shared assistance to industrial companies. Energy management projects, including the Canadian Standards Association Standard, which is a national standard of Canada (CAN/CSA), International Organization for Standards (ISO) 50001 Energy Management Systems standard pilots; process integration studies that assess industrial processes to identify opportunities to optimize production and energy use; and computational fluid dynamics studies focus on improving the performance of specific industrial facilities.

Funding available:

- **up to 50% of costs for energy management projects (including the implementation of ISO 50001), process integration and computational fluid dynamics studies (to a maximum of \$40,000)**

Contact: Website: <http://www.nrcan.gc.ca/energy/efficiency/industry/financial-assistance/5145>



Natural Resources
Canada

Ressources naturelles
Canada

Train your way to energy savings

Since 1997, more than 30,000 representatives of industrial, commercial and institutional organizations from across Canada have enrolled in **Dollars to \$ense workshops** offered by Natural Resources Canada's (NRCan) Office of Energy Efficiency. The energy-saving tips provided at these workshops help organizations lower operating and production costs, improve their competitive position, reduce greenhouse gas emissions, increase operational efficiency and create a better work environment.

In addition to workshops that support energy management, recommissioning and financing energy efficiency, a half-day customized workshop on ISO 50001 implementation is also available on request for CIPEC members.

Contact: Website: <http://www.nrcan.gc.ca/energy/efficiency/industry/training-awareness/5461>

Accelerate your savings with tax incentives



Companies that invest in clean energy generation and energy conservation equipment such as cogeneration systems, photovoltaic panels, wind turbines and bio-fuel production equipment may be able to write-off the capital costs of such equipment at accelerated capital cost allowance (CCA) rates under **Class 43.1 or 43.2** in the Regulations.

Under Class 43.1 or 43.2, the capital costs of qualifying equipment can be written off at 30% or 50% per year, respectively, on a declining balance basis.

In addition to Class 43.1 or Class 43.2 CCA, Schedule II of the *Income Tax Regulations* (the Regulations) allows expenses incurred during the development and start-up of renewable energy and energy conservation projects to be fully deducted in the year incurred, carried forward and deducted in future years, or financed through flow-through shares.

Technical guides include detailed information about eligible expenses associated with common technologies, information about forms required and background information about requirements. Guides and additional information can be downloaded from the website below. Questions about eligibility can be directed to NRCan, the technical authority for Classes 43.1 and 43.2.

Contact: CanmetENERGY - Ottawa Class 43.1/43.2 Secretariat
Tel.: 613-996-0890, Fax: 613-995-7868
Website: <http://www.nrcan.gc.ca/energy/efficiency/industry/financial-assistance/5147>

Newfoundland and Labrador



Responding to the unique needs of an industrial market

The **Industrial Energy Efficiency Program (IEEP)** emphasizes electricity consumption reductions and may include projects that reduce energy used for compressed air, pump systems, process equipment and process controls. Funding for projects is in the form of a rebate based on projected energy savings.

Funding available:

- up to 50% of energy audit costs
- up to 50% of the cost of implementing identified projects

Eligible facilities include large industrial customers that have a power purchase agreement with Newfoundland and Labrador Hydro and are served from the high voltage transmission system.

Contact: Barry Brophy, Energy Efficiency Manager, Newfoundland and Labrador Hydro
Tel.: 709-737-1240, Email: BBrophy@nhl.nl.ca

Looking forward to renewed industrial energy efficiency

Over the coming two years, **NB Power** plans to introduce two new programs aimed at providing financial support to industrial facilities in implementing energy efficiency measures:

- The **Prescriptive Energy Efficiency Program** will help small and medium-sized industries purchase high-efficiency equipment, such as efficient motors. The program will have a pre-defined list of standardized products that are eligible for financial support and prescribed incentive levels, which are available to customers.
- In 2016, NB Power plans to launch its **Large Industries Custom Program**. This program will work with eligible customers to identify and implement cost-effective electrical energy saving measures on a case-by-case basis, such as Energy Management and Information Systems and efficient pumps and motors.

Partnerships with supply chain vendors, contractors and engineering firms will ensure that small and medium-sized firms are able to select and install energy-efficient products and services that meet their needs.

Contact: Website: www.energycynb.ca

Prince Edward Island



Big potential savings for a small industrial sector

The **Commercial Sector and Institutional Building Program for Energy Incentives** is a grant program that applies to heating, ventilating and cooling systems, as well as electrical systems for industrial buildings. Funding is available to help industrial facilities evaluate the potential for energy savings, conduct energy audits and implement opportunities identified.

Incentives can be combined with funding offered through NRCan to maximize energy efficiency opportunities by optimizing industrial processes and equipment and implementing ongoing energy management programs.

Funding available:

- up to 50% of costs to evaluate potential upgrades (to a maximum of \$2,000)
- up to \$20,000 of energy project costs, based on energy savings

Contact: Prince Edward Island Office of Energy Efficiency
31 Gordon Drive, PO Box 2000
Charlottetown PE C1A 7N8
Tel.: 902-620-3690, Toll-free: 1-877-734-6336, Fax: 902-620-3796

A structured and sustainable approach to energy management

Strategic Energy Management (SEM) provides organizations with a comprehensive approach to energy management that will achieve sustainable energy and cost savings over the long term. Through continuous business process and energy performance improvements, along with organizational culture change, SEM can help organizations reduce energy use by up to 15% and achieve greater savings from capital projects.

Efficiency Nova Scotia can help implement SEM within organizations, facilitating all the components necessary to develop a full strategic energy management plan such as energy mapping, monitoring and reporting, employee training and support for employee engagement activities.

Contact: Steve Crane, Key Accounts Manager, Efficiency Nova Scotia
Website: www.efficiencyns.ca/energy-solutions/strategic-energy-management/



Make energy performance visible to an organization

An energy management information system (EMIS) is a performance management system that allows monitoring and analyzing energy usage in an organization. It provides the information required to make decisions and take operational action to improve energy efficiency. Efficiency Nova Scotia provides funding and will facilitate the installation, training and evaluation of EMIS equipment within an organization.

EMIS can help an organization:

- Identify energy savings in reduced base-load and operational variability.
- Reduce operating costs and increase profits.
- Create accountability for energy costs within all areas of an organization.

Contact: Andrea Henwood, Program Manager, Efficiency Nova Scotia
Website: www.efficiencyns.ca/energy-solutions/energy-management-for-business/

Quebec

Turning waste into fuel



Programme de biomasse forestière résiduelle provides funding for projects that use biomass waste as a fuel source to replace energy from fossil fuel combustion. This program covers the cost of consultants, engineering studies, technical experts, additional costs of new or refurbished biomass project equipment (costs in excess of what traditional equipment would cost) and costs associated with ongoing measurement of energy use and savings. This program also covers costs to assess feasibility.

Support rates vary depending on facility size. Eligible recipients must be committed to measure and sustainably reduce their fossil fuel consumption by using biomass waste, regardless of their energy consumption or company size.

Contact: Benoît Légaré
Tel.: 1-877-727-6655, ext. 8040, Email: Benoit.legare@mern.gouv.qc.ca
Website: www.efficaciteenergetique.gouv.qc.ca/clientele-affaires/biomasse-forestiere-residuelle/

Funding available:

- The energy analysis component finances 50% of assessment projects (maximum of \$25,000 or \$50,000 of costs).
- The implementation component finances up to 75% of implementation (maximum of \$5 million).

Analysis, energy management and implementation support



Programme ÉcoPerformance provides funding for project assessment, energy management systems and implementation of projects to reduce energy consumption and greenhouse gas emissions.

Eligible recipients must be committed to measure and sustainably reduce their fossil fuel consumption or electricity consumption generated by fossil fuel combustion, regardless of their energy consumption or company size. The energy management systems program requires participants to commit to an energy management policy and designate an energy manager.

NRCAN CANMET Energy is available to provide training, process integration studies and data analysis. Funding can also be combined with federal programs.

Contact: Benoît Légaré
Tel.: 1-877-727-6655, ext. 8040
Email: Benoit.legare@mern.gouv.qc.ca,
Website: www.efficaciteenergetique.gouv.qc.ca/clientele-affaires/ecoperformance/

Funding available:

- The energy analysis component finances 50 to 75% of the cost of assessments (maximum of \$5,000 per study and \$300,000 per site).
- 50% of the costs of an energy manager (maximum of \$275,000)
- The implementation component finances up to 75% of implementation costs (maximum \$10 million per site).

The lower the demand, the lower the bill

Through the **Industrial Conservation Initiative (ICI)**, large volume users pay a capacity charge (called the global adjustment) based on their percentage contribution to the top five peak demand hours each year, instead of their overall consumption. For many companies, the ICI can represent a significant reduction in energy costs.

All consumers with peak demand in excess of 5 megawatts (MW) are eligible for the initiative, but must opt out if they do not want to participate. The Ontario government recently expanded the ICI to include customers with peak demand for electricity of more than 3 MW, up to and including 5 MW, in a month to participate. To be eligible for this expanded Class A designation, customers must own or operate facilities with specific North American Industry Classification System (NAICS) codes.

Local distribution companies work with eligible customers to determine how to take advantage of the program, create a demand profile and/or use interval meters to better understand consumption patterns.

Contact: Customer Relations, Independent Electricity System Operator
Tel.: 905-403-6900
Toll-free: 1-888-448-7777
Email: customer.relations@ieso.ca
Website: www.ieso.ca/globaladjustment

Shedding, shifting and generating your way to savings

The **Demand Response 3 (DR3)** program is a contract-based program for commercial and industrial customers. Through a third-party aggregator, the facility makes a firm commitment to reduce electricity consumption when activation is called, usually at periods of peak demand. Activation notices to DR3 participants are aligned with specific system needs, based on a pre-determined price trigger, and in some cases, activated on a regional or emergency basis as needed. In 2013, the DR3 program resulted in net demand savings of 335 MW.

The DR3 program is, however, currently under transition and is not accepting new applications. While current DR3 participants will continue to respond to Independent Electricity System Operator (IESO) signals, new initiatives are under development to capture even greater value from the province's demand response capability.

Demand Response Auction

As existing DR3 contracts expire, the IESO is working to transition this capability into a market-based Demand Response Auction slated to come into operation in late 2015. This auction will ensure that demand response is available to meet system needs in the same way generator capacity is be ready to produce energy if needed.

This auction will provide a competitive platform that will provide a wide selection of demand response resources, allowing for a broader range of commercial and industrial customers to participate with greater flexibility to respond to changing conditions on the power system. Participating in this new Demand Response Auction could provide commercial and industrial consumers with a potential revenue opportunity.

Financial support varies per facility. Participants are paid an availability payment (\$/MW) and a utilization payment per megawatt-hour (\$/MWh). Facilities can contract with a demand response provider (a demand response provider is a company that brings together groups of businesses to amass their capacity for reducing electricity usage).

Contact: Customer Relations, IESO

Tel.: 905-403-6900

Toll-free: 1-888-448-7777

Email: customer.relations@ieso.ca

Website: www.ieso.ca/Pages/Ontario's-Power-System/Reliability-Through-Markets/Demand-Response.aspx

Fast-track capital for major projects

The **Industrial Accelerator Program (IAP)** assists eligible transmission-connected companies (i.e. not served by an electric utility) to fast-track capital investments in major energy efficiency projects. The program provides financial incentives to encourage investment in innovative process changes and equipment retrofits so that the rate of return is competitive with other capital projects.

There are 46 industrial companies connected to the electricity transmission grid that are eligible (for a list of eligible industrial entities, see the [IAP website](#)). Funding is available for preliminary and detailed engineering studies to help identify opportunities and the best course of action. Funding varies depending on type of undertaking (e.g. capital incentives, energy managers, engineering studies). The IESO will work with eligible customers to determine how they can take advantage of the program.

Contact: Customer Relations, IESO

Tel.: 905-403-6900, Toll-free: 1-888-448-7777

Email: customer.relations@ieso.ca

Contact your IESO business manager to learn more: www.industrialaccelerator.ca/contact-us-get-started

Website: www.industrialaccelerator.ca/

Funding available:

- up to \$20,000 for preliminary engineering studies
- up to \$10 million for efficient equipment replacement and process upgrades

Support for energy efficiency from start to finish

The **saveONenergy PROCESS & SYSTEMS** program helps organizations identify, implement and validate energy efficiency projects from start to finish. The program has several components that can be combined to maximize savings. These components include assistance such as capital incentives, funding for energy managers, engineering studies, monitoring and making the business case for initiatives.



This program can cover up to 70% of capital costs and up to 80% of costs for an energy manager.

Eligible recipients must be connected industrial and institutional customers, and eligibility is determined by estimated savings and/or peak electricity demand. Local distribution companies will work with eligible customers to determine how to take advantage of the program, create a demand profile and/or use interval meters to better understand consumption patterns. Funding available varies depending on type of undertaking (e.g. capital incentives, energy managers, engineering studies)

The **Opportunity Accelerator** component of this program provides a preliminary analysis and report on potential electrical efficiency opportunities that can reduce energy use and maintenance costs, while improving reliability and renewing production assets. This report can be leveraged to prioritize projects and develop business cases with information about potential incentives and payback periods.

Contact: Contact your local electricity utility for more information.

Website: www.saveonenergy.ca/Business/Program-Overviews/Process-and-System-Upgrades.aspx

Assessing and implementing industrial natural gas solutions



Enbridge Inc.'s **industrial energy solutions** provide support for companies to assess energy efficiency opportunities and implement projects. Eligible recipients must be industrial natural gas customers, regardless of their energy consumption or company size.

A dedicated Enbridge Energy Solutions Consultant works with industrial customers to understand how the customer is using natural gas and develop a customized solution that can increase efficiencies and improve their bottom line.

Enbridge offers financial incentives to offset up to 50% of the cost of identifying, quantifying and implementing energy saving projects. Incentives vary depending on the project, energy consumption and estimated savings.

Contact: Customer Relations, Enbridge Inc.

Tel.: 1-888-427-8888

Email: energyservices@enbridge.com

Website: www.enbridgegas.com/businesses/energy-management/industrial/

Free consultant services include:

- energy efficiency planning
- technical training, support and expertise
- identification and monetization of energy savings opportunities
- equipment replacement/maintenance advice
- identification of financial incentives
- connections to independent business partners
- impartial second opinions
- percentage of implementation costs (maximum \$10 million per site)

Major support for major natural gas customers



As part of its **EnerSmart Large Volume Program**, Union Gas Limited provides its largest customers with a direct access offering. Incentives are available to customers for operations and maintenance improvements and capital equipment energy savings projects, as well as engineering feasibility studies, process improvement studies and steam trap surveys.

Eligible recipients are Union Gas' Large Industrial Rate customers (T2 and Rate 100). Typically, they require a very large volume of natural gas for industrial processes, such as steel, pulp and paper, and mining, and their average daily natural gas consumption is typically more than 100,000 cubic metres. Union Gas' Large Volume Direct Access program will continue through 2015.

Union Gas' **EnerSmart** program is offered directly to customers and indirectly through trade allies, channel partners, energy service companies (ESCO), engineering firms and equipment manufacturers. Union Gas collaborates with key organizations, original equipment manufacturers, vendors and consultants.

Union Gas will work with eligible customers through dedicated account managers and project managers to determine how customers can take advantage of their direct access incentives through development of an annual energy efficiency plan to identify energy savings opportunities at the customer's facility.

Contact: Website: www.uniongas.com/business/contact-us/account-manager-form

Maximize waste savings through combined heat and power for larger industrial and municipal customers

Manitoba Hydro's **Load Displacement Program** includes funding for feasibility studies, engineering studies and project implementation as three distinct funding mechanisms that support the customer from project identification through to engineering analysis, and finally, implementation. Incentive levels for all three stages are negotiable depending on the size and scope of the project, with the accompanying funding framework serving as the basis for negotiations.

Implementation funding options include upfront capital contributions (based on project capital costs), ongoing operating incentives (performance-based to address operating costs and cash flow requirements), and/or hybrid options including both capital contributions and operating incentives. The total incentive package is a function of the characteristic and longevity of the load displacement generation resource, marginal benefits provided to the utility, project costs and cash flow requirement to advance the project.

Contact: Denis St. George, Senior Biosystems Engineer
Tel.: 204-260-3331
Email: drstgeorge@hydro.mb.ca

Funding available:

- **feasibility studies - 50% of the initial \$20,000 and 25% of the remaining cost of a study (to a maximum of \$30,000)**
- **engineering studies - 50/50 cost split for an engineering study, with the utility contribution included in the total negotiated incentive package**
- **Project implementation funding will vary and is assessed on a case-by-case basis.**
- **no pre-defined project funding**



Maximize waste savings through combined heat and power for smaller agricultural, commercial, industrial and municipal customers

Manitoba Hydro's **Power Smart Bioenergy Optimization** is intended for combined heat and power (CHP) systems with generation output ranging from 50 kilowatts (kW) to 1,000 kW. The Power Smart Bioenergy Optimization Program encourages the installation, operation and ongoing support required to facilitate combined heat and power systems that use renewable fuels (waste or production by-products and biomass).

Contact: Denis St. George, Senior Biosystems Engineer
Tel.: 204-260-3331
Email: drstgeorge@hydro.mb.ca

Funding available:

- **feasibility studies - 50% of the initial \$10,000 and 25% of the remaining cost of a study (to a maximum of \$15,000)**
- **electric projects - 50% of capital costs for electrical load reduction projects (to a maximum of \$1 million)**
- **natural gas projects - 50% of capital costs for natural gas reduction projects (to a maximum of \$250,000)**

Manitoba Hydro's Performance Optimization Program

targets process systems, including compressed air, pump and fan systems, industrial refrigeration, process heating, electro-chemical processes and energy management systems. The result is greater efficiency, lower operating costs, improved system performance and greater productivity.

The program design includes project caps that restrict total funding based on marginal benefits available to Manitoba Hydro (i.e. capacity and energy savings), 50% of project costs or a payback period of 1 year. A threshold of \$250,000 exists, with larger projects requiring a negotiated incentive based on a more detailed project assessment including a broader range of economic analysis.

Manitoba Hydro approved an enhanced version of the Performance Optimization Program in May 2014 that includes significant support for embedded energy managers in larger industrial and commercial facilities. No incentive rate has been established for this support because of the varying needs and requirements among customers (i.e. some customers already have energy managers but require training and tools to assist the energy manager in being productive, while others need an energy manager, tools and training). Consequently, energy manager funding is negotiated on a site-specific basis.

The expanding Performance Optimization Program is intended to provide any or all of the following: support for embedded energy manager salary costs; organizational, planning and technical support (provided by Manitoba Hydro); support for energy management training; scoping studies; access to consumption information and monitoring tools; development of real-time energy performance metrics and dashboards linking energy consumption to salary support; and incentives toward identified projects. The energy manager component of the Performance Optimization Program is implemented through a letter of understanding that clearly delineates specific responsibilities for both the customer and Manitoba Hydro, along with performance criteria that establish the flow of funding.

Contact: Myles Boonstra, Senior Industrial Systems Engineer
Tel.: 204-360-6421
Email: mboonstra@hydro.mb.ca
Website: www.hydro.mb.ca/pop/index.shtml

Funding available:

- **feasibility studies - 50% of the initial \$10,000 and 25% of the remaining cost of a study (to a maximum of \$15,000)**
- **implementation funding - 50% of project costs (to a maximum of \$250,000 – projects with higher costs are assessed on a case-by-case basis)**
- **Funding is available to support on-site energy managers.**

Hot options for trapping natural gas savings

Manitoba Hydro's **Natural Optimization Program** targets natural gas end-use systems including space and hot water heating systems and industrial processes. The program includes support for an investigative feasibility study and project implementation, as well as support for audits of steam traps. Services are offered to analyze electricity and natural gas consumption, verify savings, offer training and conduct energy efficiency studies to identify specific energy saving opportunities.

Contact: Sean Quigley, Natural Gas Optimization Coordinator

Tel.: 204-360-6421

Email: squigley@hydro.mb.ca

Website: www.hydro.mb.ca/your_business/natural_gas_optimization/index.shtml

Funding available:

- **feasibility studies - 50% of the initial \$10,000 and 25% of the remaining cost of a study (to a maximum of \$15,000)**
- **implementation funding - 50% of project costs (to a maximum of \$250,000 – projects with higher costs are assessed on a case-by-case basis)**

Saskatchewan

Custom solutions for optimizing industries

SaskPower's **Industrial Energy Optimization Program** is a flexible program designed to engage large industrial customers in energy conservation and efficiency. The program includes support for customized technical assistance, financial incentives and support for energy management and capital projects.

This program is designed to position energy efficiency as a strategic issue with industrial customers, encouraging engagement at all levels of an organization, and provides a comprehensive and structured path to implement improvements.

Contact: Chad Engel – Consultant, Go-to-Market, cengel@saskpower.com

Ernest Akeriwe – Manager, Program Development & Management, eakeriwe@saskpower.com

Janson Anderson – Director, Customer Programs, jdanderson@saskpower.com

Website: www.saskpower.com/efficiency-programs-and-tips/business-programs-and-offers/industrial-energy-optimization-program/

Funding available:

- **50% of project costs (to a maximum of \$500,000)**

Alberta

Supporting clean energy in Alberta



The **Climate Change and Emissions Management Corporation (CCEMC)** is a not-for profit corporation that provides dedicated funds to support the discovery, development and deployment of projects that will reduce greenhouse gas emissions. CCEMC also supports projects to help Alberta adapt to climate change.

Funding available:

- up to 50% of project costs

CCEMC is funded by Alberta's Climate Change and Emissions Fund, which supports clean energy solutions and projects that will help the province with climate change adaptation. Since 2010, CCEMC has provided \$38 million of funding in support of \$235 million of industry's investment in energy efficiency initiatives.

CCEMC invites organizations twice annually to submit proposals by inviting expressions of interest. These expressions of interest include projects that reduce greenhouse gas emissions by transforming how we use energy, applying energy-efficient solutions and conserving energy. A technical team reviews all submissions and makes recommendations for a shortlist to the CCEMC Board of Directors. The board determines which projects should be invited to submit full proposals and selects the final projects to fund with input from its technical team of advisors.

Contact: Website: <http://ccemc.ca/>

British Columbia

Capital project facility upgrade incentives for B.C. industries



Power Smart Industrial Project Incentives provides funding for capital project/hard-wired facility upgrades with an expected lifespan of five years or more. Incentives are available depending on estimated savings:

Funding available:

- 75% of project costs (to a maximum of \$5 million)

- Distribution incentives are available for a variety of project types with projected savings of at least 50 MWh.
- Transmission incentives are available for projects with estimated savings of at least 300 MWh annually.
- For both incentives, projects can be bundled to meet minimum estimated savings.

The funding covers all aspects of projects, including design, equipment, installation, disposal and taxes. Eligible recipients are distribution and transmission rate class customers who use more than 4 gigawatt-hours (GWh) of electricity per year.

Contact: Website: www.bchydro.com/powersmart/business/programs/project-incentives.html

Grow savings through strategic energy management

The **Strategic Energy Management Program (SEMP)** provides funding and support to a strategic energy management program focused on continuous energy improvement. Project and operational savings will grow each year, and the progressive energy management approach will not go unnoticed by customers and peers.

Program components are designed to help hire an energy manager who will help your business gain a competitive advantage through cost reduction and performance improvements; launch a campaign to raise efficiency awareness in your organization; and showcase commitment to energy efficiency through a variety of public mediums.

Funding available:

- up to 75% salary funding for 2 years
- 100% of management coaching
- 100% of funding for training a new energy manager
- 100% for the full cost of an on-site energy management assessment
- a fully funded SEMP workshop to create a customized plan
- 100% of the cost of an employee awareness planning workshop and generous funding of employee engagement activities

Eligible recipients are transmission rate customers who use more than 10 GWh (as of April 1, 2015) of electricity per year and are willing to hire an energy manager as a full-time employee. SEMP can be a bridge to ISO 50001 for industrial customers and leveraged in a coordinated suite of financial support for ISO 50001 implementation.

Contact: Website: www.bchydro.com/powersmart/business/programs/energy-management/iem.html

Auditing and retrofitting to savings



FortisBC's **Industrial Technology Retrofit Program** offers incentives to large industrial natural gas customers for energy efficiency improvement projects. A variety of retrofits and custom-designed project types are eligible under this program. Incentive options are available to reduce the payback period on investments to as little as one year or two years. The related **Industrial Energy Audit Program** provides funding toward a comprehensive energy audit conducted by a certified energy consultant or professional engineer.

Funding available:

- 75% of project costs (to a maximum of \$375,000)
- 50% of projects costs (to a maximum of \$1 million)

Contact: Websites: www.fortisbc.com/NaturalGas/Business/Offers/Pages/Industrial-Technology-Retrofit-Program.aspx
www.fortisbc.com/NaturalGas/Business/Offers/Pages/Industrial-Energy-Audit-Program.aspx

The bigger the industrial building, the greater the savings

The Government of Yukon's **Commercial Energy Incentive Program** makes energy-efficiency upgrades in industrial buildings more accessible and affordable.

The program targets the lighting efficiency of industrial, commercial and institutional buildings by encouraging owners to upgrade existing lamps and fixtures to energy-efficient and long-lasting LED lighting systems. This incentive aims to reduce the total electrical energy used by commercial and institutional buildings.

This innovative program provides the means to realize deep and lasting energy, cost and greenhouse gas emissions savings across Yukon in the commercial and institutional sectors.

Funding available:

- **for lighting upgrades for commercial and institutional buildings up to a total of \$10,000**
- **This includes a percentage of costs for LED light bulbs, LED exterior area lights and LED fixtures.**

Contact: Government of Yukon - Dept. Energy Mines and Resources - Energy Branch
Tel.: 867-393-7063
Email: energy@gov.yk.ca
Website: www.energy.gov.yk.ca/Commercial-Energy-Incentive-Program.html