



PROGRAM GUIDE

Business Rebate Program

Version 1.0
August 2020

Table of Contents

| | |
|---|----------|
| 1.0 PROGRAM INTRODUCTION | 3 |
| 2.0 DEFINITIONS | 3 |
| 3.0 ELIGIBILITY CRITERIA | 4 |
| 3.1 Eligible Customers | 4 |
| 3.2 Eligible Projects | 4 |
| 4.0 INCENTIVES | 4 |
| 4.1 Eligible Costs | 4 |
| 4.2 Ineligible Costs | 5 |
| 5.0 PROGRAM STEPS | 6 |
| APPENDIX A: ELIGIBLE EQUIPMENT GUIDE | 7 |

1.0 Program Introduction

The Business Rebate Program provides financial support to help businesses offset the costs of energy efficient products at their facility.

The program is available on a first-come, first-serve basis. Pre-approval for projects is mandatory. Costs incurred prior to project pre-approval will not be eligible.

Important Note: Please do not start the project or incur costs until you have talked with program staff to verify eligibility. Pre-approval for projects is required.

2.0 Definitions

In this Program Guide (including Appendices, Terms and Conditions, and all Program related documents) unless the context indicates a different meaning, terms are defined as follows:

| | |
|-------------------------------------|--|
| Customer | An organization with a facility which purchases energy and receives an energy bill from a New Brunswick utility including but not limited to, providers of electricity, oil, natural gas, propane, etc. |
| Eligible Project Site | An Eligible Project Site is a set of buildings and/or facilities in one geographical location that meets all eligibility criteria. |
| Incentive | The payment that qualifying participants will receive. The amount is determined based on the program eligibility criteria and requirements stated in the Program Guide and the Program Terms and Conditions. |
| Incentive Claim | The Incentive Claim Application is filled out and submitted to NB Power upon the completion of the Project, in order to receive the Incentive Payment from NB Power. |
| Measure | An energy efficiency Measure is an investment, action, operational change and/or behavioral change that results in decreased energy use as compared to existing equipment. For the purposes of this Program, a Measure is defined as above but requires a Greenhouse Gas reduction to qualify. |
| Participant | A Customer who submitted a Project Pre-Approval Application that was reviewed and given written approval by NB Power, thus becoming enrolled in the Program. |
| Program Guide | This document contains all eligibility criteria, requirements, and processes, necessary for applicants to participate in the program. |
| Program Terms and Conditions | The legal obligations associated with Program participation. |
| Project | One or more Measures completed at an Eligible Project Site. |

3.0 Eligibility Criteria

The participant must meet all eligibility requirements presented in this section.

3.1 Eligible Customers

Eligible customer must:

- Be classified under the Small Industrial, General Service 1, or General Service 2 Rate Schedule as per NB Power's Rate Schedules and Policies. Agricultural buildings (including farms) and places of worship are also eligible.
 - Non-NB Power customers are eligible to apply but must be in a similar rate schedule or customer class as listed above.
- Be located within New Brunswick
- Have authorization to approve installation of equipment at the Eligible Project Site.

3.2 Eligible Projects

An eligible project must: replace existing equipment, decrease energy use, and result in a reduction of greenhouse gas emissions. Note that certain types of equipment, as specified in Appendix A, are not eligible to be replaced under the Program.

Please see [Appendix A](#) for a comprehensive list of the eligible equipment upgrades.

4.0 Incentives

Participants get 25% of eligible project costs. Incentives are offered on a first-come, first-serve basis until December 31, 2023 or until funds are depleted. There is a lifetime cap of \$250,000 per eligible project site.

4.1 Eligible Costs

Eligible costs will be limited to the following:

- External project management costs
- Purchase and installation of approved equipment
- Disposal and decommission of equipment replaced through program
- Project inspections performed due to legal and regulatory requirements
- Shipping, delivery, duties, and other costs associated with the delivery of equipment to the eligible project site
- Fees for consultants directly involved in the design, selection, purchase, and installation of the approved measure(s) included in the project. This may include professional, engineering, scientific, technical, management and contracting services, including those required for training employees in the proper operation of the project.
- Additional study costs or other costs approved by NB Power, in its sole discretion

4.2 Ineligible Costs

The following costs are NOT eligible for reimbursement under the Program:

- Land acquisition
- Leasing land, buildings, and other facilities;
- Leasing equipment (other than equipment directly related to the construction of an asset under the programs or a component);
- real estate fees and related costs, including those related to easements (e.g. surveys);
- Financing charges and loan interest payments;
- Legal fees;
- Provincial sales tax and Goods and Services tax/HST.

5.0 Program Steps

STEP 1: APPLY ONLINE

Please complete the online registration form at:

<https://www.saveenergy.nb.ca/NBPForms/BusinessRebate.aspx>

For questions about the program, contact NB Power during business hours at 1-800-663-6272 or by email: BRP-PRE@nbpower.com

NB Power will contact the applicant within 5 business days of receiving the completed application. If applicant meets program criteria and chooses to proceed, the project can move on to Step 2.

STEP 2: DEVELOP SCOPE

If the applicant decides to proceed after Step 1, it is now important to develop scope. Scope refers to the description of work and the supporting quotes for the estimated cost of proposed project. This information is required to determine applicant eligibility for the next step in the process, Pre-Approval.

If you have any questions about this step, please contact NB Power by email at: BRP-PRE@nbpower.com

STEP 3: GET PRE-APPROVAL

NB Power will provide a pre-approval form upon completion of Step 2. Please complete this form. Once the pre-approval form has been completed, it should be submitted online. Project work should not begin before approval is granted by Program Staff. Program Staff will send the required documents. A pre-project site visit may be required.

STEP 4: IMPLEMENT PROJECT

With approval from NB Power, work at the Eligible Project Site may begin.

STEP 5: REQUEST FOR PAYMENT

Once the project is complete, it is time to request the Incentive. A post-project site visit may be required before payment will be issued.

STEP 6: RECEIVE INCENTIVE PAYMENT

Once NB Power has approved the payment request, the Incentive will be paid by direct deposit to participant's account within 60 days.

APPENDIX A: Eligible Equipment Guide

BUSINESS REBATE PROGRAM

Eligible Equipment Guide

The following tables outline the product requirements and rebates available for a range of energy-efficient technologies. For questions on product eligibility, please contact program staff.

AGRICULTURAL AND DAIRY FARM Rebate Measures

| Product | Criteria |
|--|--|
| Agriculture Heat Pads | <ul style="list-style-type: none"> - Must replace incandescent heat lamps - CSA / cUL rated |
| Circulation Fan | <ul style="list-style-type: none"> - BESS or AMCA listed - Must replace existing circulation fans - CSA / cUL rated |
| Dairy Scroll Compressor | <ul style="list-style-type: none"> - Must replace reciprocating compressor |
| Dual & Natural Ventilation | <ul style="list-style-type: none"> - Both natural and dual ventilation systems that meet the following criteria are eligible: <ul style="list-style-type: none"> o Natural Ventilation – no mechanical ventilation present. All ventilation provided by chimneys and sidewall openings (with curtains or panels). o Dual Ventilation – Mechanical ventilation to modulate exhaust in winter months only. |
| Engine Block Heater Timer | <ul style="list-style-type: none"> - Must control engine block heater timer of at least 400 Watts - Must not replace existing heater timer - CSA / cUL rated |
| Heat Reclaimer Unit (HRU) | <ul style="list-style-type: none"> - Cannot be replacing existing HRU |
| High Volume Low Speed Fans (HVLS) | <ul style="list-style-type: none"> - Must replace existing circulation fans - CSA / cUL rated - For agricultural facilities only |
| Low-Energy or Zero-Energy Livestock Waterers | <ul style="list-style-type: none"> - Must contain a minimum of 2 inches insulation and an adjustable thermostat - CSA / cUL rated |
| Milk Pre-cooler | <ul style="list-style-type: none"> - Cannot be replacing existing milk pre-cooler |
| Ventilation Fan (Exhaust or Supply Fan) | <ul style="list-style-type: none"> - BESS or AMCA listed - CSA / cUL rated |
| VFD Milk Vacuum Pump | <ul style="list-style-type: none"> - Cannot be replacing existing VFD - Must milk at least 50 cows |
| VFD Milk Transfer Pump | <ul style="list-style-type: none"> - Must have pre-cooler installed - Must milk at least 75 cows |

COMPRESSED AIR Rebate Measures

| Product | Criteria |
|--|--|
| Air Tanks | - The tank/receiver must meet or exceed the minimum tank size for the compressed-air system. |
| Cycling Refrigerated Air Dryers | - Dryers up to 300 cubic feet per minute (CFM) capacity are eligible for rebates. |
| Air Entraining Nozzles | - Nozzles exceeding 14 CFM at 100 psi are not eligible for rebates |
| No-Loss Drain Valves | - Timed drains are not eligible for rebates. |
| Variable Speed Drive Screw Compressors | - Compressors between 10 and 40 hp are eligible for rebates. |

WATER HEATING Rebate Measures

| Product | Criteria |
|--|---|
| Low Flow Shower Head/Fixtures | - Install low flow shower heads (6.1litres/min or less) with a rate of 1.6 gpm or less |
| Pool Cover | - Install pool cover for indoor and outdoor pools |
| Heat Pump Water Heaters | - Energy Factor EF > 2.3 - Product must be CSA approved or equivalent certification for Canada |
| High Efficiency Circulator Pump | - Utilizes permanent magnet motor - Contains integral variable speed drive (VFD) which automatically powers, based on system demand. |
| Natural Gas Water Heaters | - Proposed water heating system must be CSA approved or equivalent certification for Canada |
| Solar Domestic Hot Water (DHW) Systems | - Energy analysis must be submitted with application - Must be CSA approved |

HVAC Rebate Measures

| Product | Criteria |
|--|--|
| Advanced Thermostat (Wi-Fi/Programmable) | - ENERGY STAR® rated and has the following product requirements: <ul style="list-style-type: none"> ○ Automatic scheduling ○ Occupancy sensing ○ Ability to adjust settings remotely ○ Have a static temperature accuracy $\leq \pm 2.0$ °F ○ Have network standby average power consumption of ≤ 3.0 W average and enter network standby after ≤ 5.0 minutes from user interaction. |
| Air Source Heat Pumps | - Heat pump must be utilized during heating season - Systems must be AHRI certified matched systems. |

| | |
|--|---|
| Air-to-Water Heat Pumps | <ul style="list-style-type: none"> - Heat pump must be utilized during heating season |
| Boilers | <ul style="list-style-type: none"> - Up to 150kW - All fuel types |
| Boiler Controls | <ul style="list-style-type: none"> - The following controls are eligible: <ul style="list-style-type: none"> o Modulating Burner Control o Standard Boiler Economizer o Condensing Boiler Economizer o Boiler Reset/Lock Out Controls o Oxygen Trim Controls o Boiler Turbulator o Programmable Thermostat |
| Condensing Unit Heater | <ul style="list-style-type: none"> - Must be a unit heater with a thermal efficiency of 90 per cent or more |
| Demand Control Ventilation (DCV) | <ul style="list-style-type: none"> - DCV equipped with self-calibrating sensors or other types of sensors whose calibration warranty period by the manufacturer is 15 years or more. - Applies to the installation of DCV with CO2 sensors to single-zone constant volume ventilations system. |
| Destratification Fans | <ul style="list-style-type: none"> - Space must be heated by ceiling mounted forced-air heating systems, including unit heaters, and the temperature should be controlled thermostatically at floor level. |
| Energy Recovery Ventilator (ERV) | <ul style="list-style-type: none"> - Eligible equipment is ERV/HRV with a minimum sensible effectiveness of 55 percent at 32°F for spaces with no ERV/HRV or for spaces were ERV/HRV is not required by code (OBC, SB 10, SB 12) and ERV/HRV with a minimum sensible effectiveness of 65 percent at 32°F for spaces were ERV/HRV is required by code. |
| Ground & Water Source Heat Pumps | <ul style="list-style-type: none"> - Heat pump must be utilized during heating season - Systems must be AHRI certified matched systems. - Water loop heat pumps connected to a cooling tower and boiler are not eligible for incentives |
| Infrared Heater | <ul style="list-style-type: none"> - Must be using the unit heater for space or process heating |
| Integrated Dual Enthalpy Economizer Controls | <ul style="list-style-type: none"> - Must be installed on new equipment that is also eligible for rebates |
| Mini-split Ductless Heat Pump (DHP) | <ul style="list-style-type: none"> - Heat pump must be utilized over the heating season - Systems must be AHRI certified matched systems |
| Packaged Terminal Heat Pumps (PTHP) | <ul style="list-style-type: none"> - Heat pump must be utilized during heating season - Must be AHRI certified (standard size only). Standard size refers to having an external wall opening greater than or equal to 16 inches high or greater than or equal to 42 inches wide, and a cross-sectional area greater than or equal to 670 square inches. |
| Unitary Air Conditioner | <ul style="list-style-type: none"> - Systems must be AHRI certified matched systems |
| Water Cooled Chiller | <ul style="list-style-type: none"> - Install water-cooled, positive displacement chiller. |

KITCHEN EQUIPMENT Rebate Measures

| Product | Criteria |
|---|---|
| Electric Combination Oven | - ENERGY STAR® rated |
| Electric Convection Oven | - ENERGY STAR® rated - Idle Input rate less than 1.5kW |
| Fryer | - ENERGY STAR® rated |
| Gas Combination Oven | - ENERGY STAR® rated |
| Gas Convection Oven | - ENERGY STAR® rated |
| High Temperature Dishwashers | - ENERGY STAR® rated - Built-in booster heater |
| Ice Maker | - ENERGY STAR® rated - Must be replacing non-ENERGY STAR® Ice Maker in retrofit applications |
| Kitchen Exhaust Demand Controlled Ventilation (DCV) | - Controlled by temperature and/or optical sensors located in exhaust hood |
| Low Temperature Dishwashers | - ENERGY STAR® rated |

LED LIGHTING Rebate Measures

| Product | Criteria |
|--|---|
| Decorative Lamp | - ENERGY STAR® rated |
| Downlight Luminaire | - ENERGY STAR® rated |
| Flood and Spot Luminaires | - Must be Design Lights Consortium (DLC) certified - Includes landscape, accent and architectural types |
| Four-Pin Base Replacement Lamps for CFLs | - Designed to replace 4-pin compact fluorescent lamps - Must be an approved retrofit kit |
| Fuel Pump Canopy Luminaire | - Must be Design Lights Consortium (DLC) certified |
| Full-Cutoff Wall-Mounted Area Luminaire | - Must be Design Lights Consortium (DLC) certified |
| General Use Lamp | - ENERGY STAR® rated |
| High-bay Luminaire | - Must be Design Lights Consortium (DLC) certified |
| LED Replacement Lamps for HID Lamps | - Must be Design Lights Consortium (DLC) certified - Must be an approved retrofit kit - Roadway lighting not eligible |
| Linear Ambient Luminaire | - Must be Design Lights Consortium (DLC) certified |
| Linear Replacement Lamp | - Must be Design Lights Consortium (DLC) certified - Must be an approved retrofit kit |
| Low-bay Luminaire | - Must be Design Lights Consortium (DLC) certified |

| | |
|--|--|
| Non-Cutoff and Semi Cutoff Wall-mounted Area Luminaire | - Must be Design Lights Consortium (DLC) certified |
| Parking Garage Luminaire | - Must be Design Lights Consortium (DLC) certified |
| Pole/Arm–Mounted Area Luminaire | - Must be Design Lights Consortium (DLC) certified - Roadway lighting not eligible |
| Pole/Arm-Mounted Decorative Luminaire | - Must be Design Lights Consortium (DLC) certified |
| Reflector (directional) Lamp | - ENERGY STAR® rated |
| Refrigerated Case Luminaire | - Must be Design Lights Consortium (DLC) certified - Includes both horizontal and vertical lighting installed in refrigerator or freezer case |
| Stairwell and Passageway Luminaire | - Must be Design Lights Consortium (DLC) certified - Used to replace non-dimmable stairwell fixture - Dims to minimum acceptable illumination following IES Standards - Operates 24/7 |
| Track or Mono-Point Directional Luminaire | - Must be Design Lights Consortium (DLC) certified - Includes ceiling-mounted tracks or fixed single head - Replacement lamps not eligible (such as PAR38) |
| Troffers | - Must be Design Lights Consortium (DLC) certified |
| Wall-Wash Luminaire | - Must be Design Lights Consortium (DLC) certified |

LED LIGHTING CONTROLS Rebate Measures

| Product | Criteria |
|---|---|
| Daylight Controls – Wall/Fixed/Ceiling Mounted | - System commissioning is strongly recommended to ensure maximum energy savings |
| Occupancy Sensor – Wall-Switch/Fixture Mounted/ Ceiling/Wall Remote Mounted | - System commissioning is strongly recommended to ensure maximum energy savings |
| Occupancy Sensor – Exterior | - Fixture must automatically shut off during the day by using a timer, photo-sensor or similar technology |

MOTORS Rebate Measures

| Product | Criteria |
|---------------------------------------|--|
| Premium Motors (Max. 40hp) | <ul style="list-style-type: none"> - Motors must be three-phase induction type, open drip proof (ODP), totally enclosed fan cooled (TEFC) classification, or general purpose application as well as Design A or B. - Motors must be new, NEMA Premium Efficiency motors ranging in size between 1 and 40 horsepower - Design C or D motors are not eligible |
| Variable Frequency Drives (Max. 40hp) | <ul style="list-style-type: none"> - VFDs must be new - A minimum of 3 per cent series reactor (inductor, choke) is recommended on the drive AC input connections - Must operate at least 2,000 hours per year - The following are not eligible for rebates: <ul style="list-style-type: none"> o Redundant (back-up) systems o VFDs that control forward-curve fans with inlet guide vanes or variable pitch vane-axial fans are not eligible for rebates o VFDs that are replacing existing VFDs |

REFRIGERATION EQUIPMENT Rebate Measures

| Product | Criteria |
|---|---|
| Door Heater Controls | <ul style="list-style-type: none"> - Humidity or conductivity based heater controls that limit heater operation to periods of high relative humidity (when condensation is likely to form) are eligible for rebates |
| Refrigerated Walk-ins Door Strip | <ul style="list-style-type: none"> - Vinyl strips used to reduce cooling load associated with infiltration of warmer air. |
| Refrigerated Walk-in Cooler Electronically Commutated (Brushless) | <ul style="list-style-type: none"> - Minimum nameplate hp of 1 / 20 - New motors that operate at least 2,000 hours a year are eligible for rebate. |
| Evaporator Fan Motor Controls | <ul style="list-style-type: none"> - The control system: <ul style="list-style-type: none"> o Controls a minimum of 300 Watts or four evaporator fans o Reduces evaporator fan air flow by at least 50% when the compressor is not running or when no refrigerant is flowing through the evaporator o Note: this measure may not result in significant energy savings if the system is under-sized or if the evaporator does not use off-cycle or time-off defrost |
| Strip-curtains for Display Cases | <ul style="list-style-type: none"> - PVC, metal or equivalent curtains installed on open, multi-deck coolers are eligible for rebates |
| Zero-energy Doors for Reach-in Coolers | <ul style="list-style-type: none"> - Reach-in display case doors must be highly insulated, double or triple pane units with low-E glass coatings or low-conductivity filler gas (argon) - Door frames with electric resistance heating (heaters in door or frames) are not eligible |
| Reflective Ceiling (Low E) | <ul style="list-style-type: none"> - Either low emissivity paint or low emissivity panels to be installed on the underside of the roof deck. Applicable on ice surfaces such as arenas and curling rinks. |

OTHER Rebate Measures

If your project is not listed above, please reach out to program staff as other measures not indicated here may be eligible.