

|                 |
|-----------------|
| Application no. |
|-----------------|

**Applicant Information**

|                 |              |          |             |
|-----------------|--------------|----------|-------------|
| Business name   | Contact name |          |             |
| Mailing address | City/town    | Province | Postal code |
| Phone no.       | Email        |          |             |

**Project Site Information**

|   |   |                      |             |
|---|---|----------------------|-------------|
| Manitoba Hydro account number                                     | Building use description (e.g. grocery, restaurant, food service) | GST registration no. |             |
| Project site address (if different from Customer mailing address) | City/town   | Province             | Postal code |

**Contractor/Installer Information**

|               |              |  |  |
|---------------|--------------|--|--|
| Business name | Contact name |  |  |
| Phone no.     | Email        |  |  |

**Applicant Acknowledgement (Required)**

I, the Applicant, have read and understood this Financial Incentive Application, the Agreement and the Program Eligibility Criteria set out in Appendix A to this Application and I agree to the terms and conditions set out therein. I confirm to Efficiency Manitoba that I have fully and accurately completed this Application and warrant that I fully qualify and have complied with such terms and conditions.

I understand that this Application is conditional on approval by EM in its discretion. I also understand this incentive amount is an **ESTIMATE** only and that this Application must be **APPROVED** by Efficiency Manitoba **BEFORE** ordering/purchasing materials or starting work on the project.

|                       |            |
|-----------------------|------------|
| Signed by (Applicant) | yyyy mm dd |
| Print name            |            |
| Print title           |            |

**Information Sharing (Optional)**

I, the Applicant, agree that Application details may be discussed by Efficiency Manitoba with the Contractor/Installer party and the Vendor/Other party listed on this Application for the purposes set out below and identified in the Agreement forming part of the Application.

|                       |            |
|-----------------------|------------|
| Signed by (Applicant) | yyyy mm dd |
|-----------------------|------------|

**Voluntary Self-Declaration (Optional)**

I, the Applicant, voluntarily choose to disclose that my business is an Indigenous Business. Refers to a business: a) which is at least 51 percent owned and controlled by Indigenous Person(s) or Band and, b) where, if the business has six or more full-time staff, at least one-third of the staff are Indigenous Persons.

|   |                        |                |                |
|---|------------------------|----------------|----------------|
| I am self-declaring that my business is a | First Nations Business | Metis Business | Inuit Business |
|---|------------------------|----------------|----------------|

Personal information is being collected on this form under the authority Program Activity and The Efficiency Manitoba Act. The purpose is to provide Incentives to commercial, industrial, and agricultural Applicants for installing energy-efficient products and to acquire specific related information to calculate energy and demand savings resulting from the Program. Other uses and disclosures may be to participating contractors, electronic system for program tracking, Public Utilities Board for statistical reporting, external auditors as part of a sample audit, government entities for reporting purposes and Efficiency Manitoba officials on a "need to know" basis. The personal information is protected by the Protection of Privacy provisions of The Freedom of Information and Protection of Privacy Act. If you have any questions about the collection, contact Efficiency Manitoba, PO Box 247 STN MAIN, Winnipeg, MB, R3C 2G9 or telephone 1-204-944-8181.

**TOTAL ESTIMATED INCENTIVE (\$) ↓**

(subject to final inspection and submission of invoices)

|  |
|--|
|  |
|--|

| EFFICIENCY MANITOBA USE ONLY       |            |                         |                                   |
|------------------------------------|------------|-------------------------|-----------------------------------|
| Project Approved by                | yyyy mm dd | Payment authorized by   | yyyy mm dd                        |
| Tech Review by (Engineering Staff) | yyyy mm dd | Final Payment Amount \$ | Initialed by (Program Specialist) |

**Instructions:** Complete the Incentive Calculation Worksheet below for measures being installed. Include all supporting documents such as specification sheets, technical specifications or data for measures being installed where applicable.

**Note:** Incentives 2, 3, 4, 7, 8, and 10 are based on your location. Choose from options: 1. Winnipeg; 2. Outside Winnipeg; 3. Above the 52nd parallel.

|                                       | Meas. no. | Temp. <sup>1</sup> | EXISTING technology   | NEW technology   | Type of qualifying product <sup>2</sup> | Type of qualifying measure <sup>3</sup> | A  | B   | C                                |
|---------------------------------------|-----------|--------------------|---|--|---|---|--|---|----------------------------------|
|                                       |           |                    |   |  |   |   | Incentive <sup>4</sup> per unit (\$)                               | Quantity  | TOTAL INCENTIVE (C = A x B) (\$) |
| <b>DISPLAY CASES</b>                  | 1a        | M                  | Open vertical display case  | New vertical display case with standard doors                                    | R                                       | RP                                      | \$100 / linear ft  | linear ft   | = \$                             |
|                                       | 1b        | L                  | Open vertical display case  | New vertical display case with standard doors                                    | R                                       | RP                                      | \$100 / linear ft  | linear ft   | = \$                             |
|                                       | 1c        | L                  | Open vertical display case  | New vertical display case with special (heat free) doors                         | R                                       | RP                                      | \$150 / linear ft  | linear ft   | = \$                             |
|                                       | 1d        | L                  | Vertical display case with doors                                    | New vertical display case with special (heat free) doors                         | R                                       | RP                                      | \$50 / linear ft   | linear ft   | = \$                             |
|                                       | 1e        | L                  | No previous existing equipment (no temperature)                     | New vertical display case with special (heat free) doors                         | R                                       | N                                       | \$50 / linear ft   | linear ft   | = \$                             |
|                                       | 2         | L/M                | Vertical display case with standard doors                           | Install ASH controls to vertical display case doors                              | R                                       | N                                       | 1 \$100 / door<br>2 \$120 / door<br>3 \$180 / door                 | door(s)   | = \$                             |
|                                       | 3         | L/M                | Open vertical display case  | Install night covers on vertical display case                                    | R<br>SC                                 | N                                       | 1 \$9 / linear ft<br>2 \$12 / linear ft<br>3 \$18 / linear ft      | linear ft   | = \$                             |
|                                       | 4         | L                  | Open horizontal display case  | Install night covers on horizontal display case                                  | R                                       | N                                       | 1 \$9 / linear ft<br>2 \$12 / linear ft<br>3 \$18 / linear ft      | linear ft   | = \$                             |
| <b>MECHANICAL</b>                     | 5         | L                  | Standard compressor for remote display case                         | Install high-efficiency compressor for remote display case                       | R                                       | N<br>RP                                 | \$100 / ton  | ton(s)  | = \$                             |
|                                       | 6         | L/M                | Standard evaporator fan motor for any refrigeration device          | Install ECM evaporator fan motor for any refrigeration device                    | R                                       | RP                                      | \$100 / motor  | motor(s)  | = \$                             |
| <b>WALK-IN BOX</b>                    | 7         | L/M                | Open entrance to walk-in box  | Install strip curtain to entrance of walk-in box                                 | R<br>SC                                 | N                                       | 1 \$3 / sq ft<br>2 \$5 / sq ft<br>3 \$7.50 / sq ft                 | sq ft   | = \$                             |
|                                       | 8         | L/M                | Manual door on walk-in box  | Install automatic door closer on walk-in box                                     | R<br>SC                                 | N                                       | 1 \$50 / closer<br>2 \$80 / closer<br>3 \$120 / closer             | closer(s)   | = \$                             |
| <b>LIGHTING</b>                       | 9         | L/M                | T8/T10/T12 vertical case lighting                                   | Replace T8/T10/T12 lighting with LED lighting in vertical case                   | R<br>SC                                 | RP                                      | \$1 / watt saved   | <i>See LED lighting for refrigerated cases page for calculation</i> | = \$                             |
| <b>OTHER</b>                          | 10        | L/M                | Walk-in box or display case with worn door gaskets                  | Install new door gaskets to walk-in box or display case doors                    | R<br>SC                                 | RP                                      | 1 \$5 / linear ft<br>2 \$8.50 / linear ft<br>3 \$12.75 / linear ft | linear ft   | = \$                             |
|                                       | 11        | L/M                | Time initiated defrost controls on stand alone refrigeration system | Install new evaporator efficiency controller on stand alone refrigeration system | R                                       | N                                       | \$500 / controller   | controller(s)   | = \$                             |
| <b>TOTAL INCENTIVE PAYABLE (\$) →</b> |           |                    |   |  |   |   |  |   | \$                               |

<sup>1</sup> Temperature definitions:

L Low: below -18 C (0 F)

M Medium: between -17 C (1 F) and 7 C (45 F)

<sup>2</sup> Remote (R) or Self-contained (SC), check type if option is listed

<sup>3</sup> Replacement (RP) or New (N), check type if option is listed

<sup>4</sup> Location-based Incentives:

1 Winnipeg

2 Outside Winnipeg

3 Above 53rd parallel

**Instructions:** If applying for LED Lighting for Refrigerated Cases (measure 9), please complete the calculation below. Use your existing lighting specifications as your Base Case.

|   | Design information  | Base case | Proposed system |
|---|---|-----------|-----------------|
| A   | Lamp type and wattage   |           |                 |
| B   | Fixture type, manufacturer, and model number                              |           |                 |
| C   | Quantity of fixtures  |           |                 |
| D   | Watts per fixture including ballast                                       | W         | W               |
| E   | Total kilowatt lighting load (C x D / 1,000)                              | kW        | kW              |
| F   | Type of case (medium or low temperature)                                  |           |                 |
| G   | Compressor EER<br>(8.51 for medium temperature, 5.19 for low temperature) | EER       | EER             |
| H   | Compressor load (E / G) x 0.80  | kW        | kW              |
| I   | Total kilowatt load (E + H)   | kW        | kW              |
| J   | Operating hours per year  | hrs/yr    | hrs/yr          |
| K   | Total annual energy (I x J)   | kW/yr     | kW/yr           |
| L   | Total demand savings<br>(I Base Case — I Proposed System)                 |           | kW              |
| M   | Total annual energy savings<br>(K Base Case — K Proposed System)          |           | kW/yr           |
| N   | Calculated incentive (L x \$1,000 / kW)                                   | \$        |                 |
| O   | Total lighting equipment cost (including taxes)                           | \$        |                 |
| <b>TOTAL MEASURE INCENTIVE<br/>(lesser of N or O)</b> |   | \$        |                 |

**Note:**

1. Lighting measures must operate more than 2,000 hours per year to be eligible for an incentive.
2. Compressor savings are based on lamp savings only (ballast = 20%; lamp = 80%)

**Temperature definitions:**

Low refers to refrigerated space temperatures below  $-18^{\circ}\text{C}$  ( $0^{\circ}\text{F}$ ).

Medium refers to refrigerated space temperatures between  $-17^{\circ}\text{C}$  ( $1^{\circ}\text{F}$ ) and  $7^{\circ}\text{C}$  ( $45^{\circ}\text{F}$ ).

**Display cases****1a. New reach-in with standard doors**

(medium temperature)

Replace an existing medium temperature open vertical display case with a new medium temperature reach-in with standard glass or acrylic doors. New case must contain LED lighting and ECM motors. New case length must be equal or shorter than the original case. The efficiency of the new case lighting and motor(s) must be at least as efficient as that of the case being replaced.

The Incentive for this measure applies to remote cases only. The Incentive is based on the linear footage (horizontal length) of the cases installed.

**1b. New reach-in with standard doors**

(low temperature)

Replace an existing low temperature open vertical display case with a new low temperature reach-in with standard glass or acrylic doors. New case must contain LED lighting and ECM motors. New case length must be equal or shorter than the original case. The efficiency of the new case lighting and motor(s) must be at least as efficient as that of the case being replaced.

The Incentive for this measure applies to remote cases only. The Incentive is based on the linear footage (horizontal length) of the cases installed.

**1c, 1d, 1e.****New reach-in with special (heat free) doors [no Anti-Sweat Heater (ASH) controls]**

(low temperature)

Replace an existing vertical display case (open or reach-in with standard glass or acrylic doors) with a new display case containing special doors with no ASH controls, the type that eliminates glass heating. The Incentive is limited to low temperature vertical display cases only. Doors must prevent condensation from taking place within the frame assembly. Doors must have either heat reflective treated glass, be gas filled, or both. Doors must have three (3) or more panes.

This Incentive applies to remote cases only. The Incentive is based on linear footage (horizontal length) of the doors installed. This Incentive cannot be used in conjunction with ASH controllers.

**2. Anti-Sweat Heater (ASH) controls for vertical display case with doors**

(low or medium temperature)

Install a device that reduces the operation of the ASH controls by at least 50 per cent (from 100 per cent) for the glass door and door frame. Technologies that reduce or turn off ASH controls based on simple timing or by sensing humidity or condensation qualify. Timer must not be equipped with a "hold-on" feature.

This Incentive does not apply to the Special (Heat Free) Doors [No Anti-Sweat Heat (ASH) Controls] measure. The Incentive for this measure applies to remote cases only. The Incentive is based on the number of doors controlled.

**3. Night covers for open vertical display case**

(low or medium temperature)

Install a cover on an otherwise low or medium temperature open vertical display case to decrease infiltration of warm air into the case at night. The case manufacturer must have no objections to the use of such covers. It is recommended that film type covers have small, perforated holes to decrease moisture buildup.

The Incentive for this measure applies to self-contained or remote cases. The Incentive is based on linear footage (horizontal length) of night cover installed.

#### **4. Night covers for open horizontal display case**

(low temperature)

Install a cover on an otherwise low temperature open horizontal display case to decrease infiltration of warm air into the case at night. The case manufacturer must have no objections to the use of such covers. It is recommended that film type covers have small, perforated holes to decrease moisture buildup.

The Incentive for this measure applies to remote cases only. The Incentive is based on linear footage (horizontal length) of night cover installed.

### **Mechanical**

#### **5. High efficiency refrigeration compressor**

(low temperature)

Replace an existing low temperature compressor that has an energy efficiency rating (EER) of 4.86 or less with a low temperature compressor that has an EER of 5.2 or better. The EER rating is based on the following conditions: Saturated Suction Temperature (SST) = -32°C (-25°F); Saturated Condensing Temperature (SCT) = 41°C (105°F); Maximum Suction Return Gas Temperature = 18°C (65°F); Zero degrees of sub cooling.

The Incentive for this measure applies to remote cases and walk-ins. The Incentive is based on new compressor capacity in tons at standard conditions aforementioned.

#### **6. Electronically Commutated Motor (ECM) evaporator fan motor for display case or walk-in**

(low or medium temperature)

Applicable to existing standard efficiency shaded pole evaporative fan motor on low or medium temperature display cases and fan coil system of low or medium temperature walk-ins. Standard efficiency fan motor(s) must be replaced by ECMs.

The Incentive for this measure applies to remote cases and remote walk-ins only. The Incentive is a fixed amount per motor installed.

### **Walk-in box**

#### **7. Strip curtains for walk-in entrance**

(low or medium temperature)

Install new strip curtains on the entrance of low or medium temperature walk-ins.

The Incentive for this measure applies to self-contained or remote walk-ins. The Incentive is based on square footage of strip curtain installed.

#### **8. Automatic closer for walk-in door**

(low or medium temperature)

The automatic closer should be applied to the main insulated door of a low or medium temperature walk-in. The automatic closer must be able to firmly close the main door of the walk-in whenever it is closed to within one inch of full closure.

The Incentive does not apply to new doors with self-closing mechanisms as standard equipment. The Incentive for this measure applies to self-contained or remote walk-ins. The Incentive is a fixed amount per automatic closer installed.

### **Lighting**

#### **9. LED case lighting**

(low or medium temperature)

Replace existing T8/T10/T12 vertical case lighting with LED lighting fixtures. Refer to Efficiency Manitoba's Business Lighting Program Technical Specification Guide to view product eligibility for LED light fixtures.

The Incentive for this measure applies to self-contained or remote cases. Only permanent installations of LED lighting are eligible.

## **Other**

### **10. Door gaskets for walk-in doors or vertical display case doors**

(low or medium temperature)

Replace a worn gasket on the door of a low or medium temperature walk-in or display case. Replacement gaskets must meet the manufacturer's specifications regarding dimensions, materials, attachment method, style, compression, and magnetism, etc.

The Incentive for this measure applies to self-contained or remote cases. The Incentive is based on linear footage of gasket installed.

### **11. Evaporator efficiency controllers**

(low or medium temperature)

Install new evaporator efficiency controls to replace time initiated defrost controls in medium and low temperature stand alone refrigeration systems.

The incentive for this measure applies only to systems which use electric defrost.