



# ENERGY SAVINGS FOR BUSINESS

*Investing to keep businesses competitive*



## Measures List

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## MEASURE SUMMARY

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Notched or Synchronous Belt Retrofits
<b>Compressed Air</b>
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<b>COMING SOON</b>
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<b>HVAC</b>
<b>Water Heating</b>
<b>Food Service</b>
<b>Pump Jack Controller</b>
<b>Building Envelope and Windows</b>

## ABOUT THE PROGRAM

Emissions Reduction Alberta's (ERA) new Energy Savings for Business (ESB) Program is a funding opportunity to support small- and medium-scale industrial and commercial businesses with a budget of up to \$55 million to support cost-saving and emissions reducing projects. The Program will help Alberta businesses reduce emissions, decrease operating costs, grow their operations and become more competitive, while creating skilled jobs and boosting economic recovery.

A wide range of incentives are available to help Alberta businesses reduce the initial cost of installing high efficiency equipment and emissions reduction technologies. Within this document a detailed list of equipment and/or emission reduction technologies, or "Measures", that qualify for participant incentives are provided. Incentives are available for equipment upgrades and installations that include:

- Motors & Drives
  - Compressed Air
  - Refrigeration
  - Lighting
  - Lighting Controls
  - Onsite Generation
  - Geothermal
- Coming Soon
- Process Heating
  - HVAC
  - Water Heating
  - Food Service
  - Pump Jack Controller
  - Building Envelope and Windows

Incentives for the Eligible Measures listed in this document are based either on size, quantity, capacity, or a metric of energy savings. Eligible Measures are subject to specifications provided for each Measure within this document.

To register for the program as an applicant or contractor, please visit the ESB Program webpage. After you are successfully registered, you are able to begin applying for incentives. The ESB Application Process page on the website has more details.

For a detailed description of eligibility rules for applying for incentives under the Program, applicants are encouraged to read the Participant Terms and Conditions.

## MOTORS AND DRIVES

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
<b>Variable Frequency Drive (VFD)</b> <ul style="list-style-type: none"> <li>Motor size on which VFD is installed is between 1 to 100 hp</li> <li>Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per hp</b></p>			
ESB-MDZVFD-0001 to 0005	<b>VFD for fan or pump motor</b>	\$125	50%
<b>Premium Efficient Motor – Open Drip Proof (ODP)/Totally Enclosed Fan Cooled (TEFC)</b> <ul style="list-style-type: none"> <li>Meet minimum NEMA premium efficiency guidelines</li> <li>Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per motor</b></p>			
ESB-MDZODP-0001 / ESB-MDZTEF-0001	<b>Premium efficient motor - ODP/TEFC — 1 hp</b>	\$15	50%
ESB-MDZODP-0002/ ESB-MDZTEF-0002	<b>Premium efficient motor - ODP/TEFC — 1.5 hp</b>	\$20	50%
ESB-MDZODP-0003/ ESB-MDZTEF-0003	<b>Premium efficient motor - ODP/TEFC — 2 hp</b>	\$30	50%
ESB-MDZODP-0004/ ESB-MDZTEF-0004	<b>Premium efficient motor - ODP/TEFC — 3 hp</b>	\$43	50%
ESB-MDZODP-0005/ ESB-MDZTEF-0005	<b>Premium efficient motor - ODP/TEFC — 5 hp</b>	\$44	50%
ESB-MDZODP-0006/ ESB-MDZTEF-0006	<b>Premium efficient motor - ODP/TEFC — 7.5 hp</b>	\$70	50%
ESB-MDZODP-0007/ ESB-MDZTEF-0007	<b>Premium efficient motor - ODP/TEFC — 10 hp</b>	\$80	50%
ESB-MDZODP-0008/ ESB-MDZTEF-0008	<b>Premium efficient motor - ODP/TEFC — 15 hp</b>	\$105	50%
ESB-MDZODP-0009/ ESB-MDZTEF-009	<b>Premium efficient motor - ODP/TEFC — 20 hp</b>	\$129	50%

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
ESB-MDZODP-0010/ ESB-MDZTEF-0010	<b>Premium efficient motor - ODP/TEFC — 25 hp</b>	\$157	50%
ESB-MDZODP-0011/ ESB-MDZTEF-0011	<b>Premium efficient motor - ODP/TEFC — 30 hp</b>	\$176	50%
ESB-MDZODP-0012/ ESB-MDZTEF-0012	<b>Premium efficient motor - ODP/TEFC — 40 hp</b>	\$227	50%
ESB-MDZODP-0013/ ESB-MDZTEF-0013	<b>Premium efficient motor - ODP/TEFC — 50 hp</b>	\$256	50%
ESB-MDZODP-0014/ ESB-MDZTEF-0014	<b>Premium efficient motor - ODP/TEFC — 60 hp</b>	\$343	50%
ESB-MDZODP-0015/ ESB-MDZTEF-0015	<b>Premium efficient motor - ODP/TEFC — 75 hp</b>	\$405	50%
ESB-MDZODP-0016/ ESB-MDZTEF-0016	<b>Premium efficient motor - ODP/TEFC — 100 hp</b>	\$476	50%
ESB-MDZODP-0017/ ESB-MDZTEF-0017	<b>Premium efficient motor - ODP/TEFC — 100 hp</b>	\$615	50%
ESB-MDZODP-0018/ ESB-MDZTEF-0018	<b>Premium efficient motor - ODP/TEFC — 150 hp</b>	\$642	50%
ESB-MDZODP-0019/ ESB-MDZTEF-0019	<b>Premium efficient motor - ODP/TEFC — 200 hp</b>	\$794	50%
ESB-MDZODP-0020/ ESB-MDZTEF-0020	<b>Premium efficient motor - ODP/TEFC — 250 hp</b>	\$1,068	50%
ESB-MDZODP-0021/ ESB-MDZTEF-0021	<b>Premium efficient motor - ODP/TEFC — 300 hp</b>	\$1,271	50%
ESB-MDZODP-0022/ ESB-MDZTEF-0022	<b>Premium efficient motor - ODP/TEFC — 350 hp</b>	\$1,475	50%

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
ESB-MDZODP-0023/ ESB-MDZTEF-0023	<b>Premium efficient motor - ODP/TEFC — 400 hp</b>	\$1,679	50%
ESB-MDZODP-0024/ ESB-MDZTEF-0024	<b>Premium efficient motor - ODP/TEFC — 450 hp</b>	\$1,883	50%
ESB-MDZODP-0025/ ESB-MDZTEF-0025	<b>Premium efficient motor - ODP/TEFC — 500 hp</b>	\$2,087	50%
<p><b>Notched or Synchronous Belt Retrofits</b></p> <ul style="list-style-type: none"> <li>• Must replace a smooth V-belt</li> <li>• Not eligible for replacement of a notched belt</li> <li>• If using a synchronous belt, it is expected that the pulley system will be replaced</li> <li>• Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per belt</b></p>			
ESB-MDZNSB-0001	<p><b>Notched or synchronous belt retrofits</b></p> <ul style="list-style-type: none"> <li>• Length of belt less than 6 feet</li> </ul>	\$20	50%
ESB-MDZNSB-0002	<p><b>Notched or synchronous belt retrofits</b></p> <ul style="list-style-type: none"> <li>• Length of belt 6 feet or more</li> </ul>	\$40	50%

## COMPRESSED AIR

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
<b>VFD-Integrated Compressor</b> <ul style="list-style-type: none"> <li>To replace a fixed speed compressor of the same hp</li> <li>Compressor should not be a back-up</li> <li>Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per compressor</b></p>			
ESB-CAZVSD-0001	<b>VFD-Integrated Compressor - 10 hp</b>	\$1,500	50%
ESB-CAZVSD-0002	<b>VFD-Integrated Compressor -15 hp</b>	\$2,250	50%
ESB-CAZVSD-0003	<b>VFD-Integrated Compressor - 20 hp</b>	\$3,000	50%
ESB-CAZVSD-0004	<b>VFD-Integrated Compressor - 25 hp</b>	\$3,750	50%
ESB-CAZVSD-0005	<b>VFD-Integrated Compressor - 30 hp</b>	\$4,500	50%
ESB-CAZVSD-0006	<b>VFD-Integrated Compressor - 40 hp</b>	\$6,000	50%
ESB-CAZVSD-0007	<b>VFD Integrated Compressor - 50 hp</b>	\$7,500	50%
ESB-CAZVSD-0008	<b>VFD Integrated Compressor - 60 hp</b>	\$9,000	50%
ESB-CAZVSD-0009	<b>VFD Integrated Compressor - 75 hp</b>	\$11,250	50%
ESB-CAZVSD-0010	<b>VFD Integrated Compressor - 100 hp</b>	\$15,000	50%
ESB-CAZVSD-0011	<b>VFD Integrated Compressor - 125 hp</b>	\$18,750	50%
ESB-CAZVSD-0012	<b>VFD Integrated Compressor - 150 hp</b>	\$22,500	50%
ESB-CAZVSD-0013	<b>VFD Integrated Compressor - 200 hp and more</b>	\$30,000	50%



Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
<p><b>Zero Loss Drain/No Loss Condensate Drains</b></p> <ul style="list-style-type: none"> <li>• Must replace a moisture drain under the control of a timer on air receiver tank or on the distribution system</li> <li>• Not eligible for replacing existing no loss drains</li> <li>• Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per drain</b></p>			
ESB-CAZZLD-0001	<b>Zero Loss Drain</b>	\$200	50%
<p><b>Nozzles</b></p> <ul style="list-style-type: none"> <li>• Must be installed on an open pipe or replace non-commercial nozzle</li> <li>• Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per nozzle</b></p>			
ESB-CAZNZZ-0001 to 0004	<p><b>Engineered Nozzle</b></p> <ul style="list-style-type: none"> <li>• 1/16", 1/8", 1/4", 3/8"</li> </ul>	\$25	50%
<p><b>Compressed Air Storage</b></p> <ul style="list-style-type: none"> <li>• Must result in upgrade of storage capacity</li> <li>• Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per tank</b></p>			
ESB-CAZCAS-0001	<b>Compressed Air Storage – 0 to 269 USG</b>	\$440	50%
ESB-CAZCAS-0002	<b>Compressed Air Storage – 270 to 449 USG</b>	\$880	50%
ESB-CAZCAS-0003	<b>Compressed Air Storage – 450 to 629 USG</b>	\$1,460	50%
ESB-CAZCAS-0004	<b>Compressed Air Storage – 630 to 809 USG</b>	\$2,050	50%
ESB-CAZCAS-0005	<b>Compressed Air Storage – 810 to 989 USG</b>	\$2,630	50%
ESB-CAZCAS-0006	<b>Compressed Air Storage – 990 to 2249 USG</b>	\$3,220	50%
ESB-CAZCAS-0007	<b>Compressed Air Storage – 2250 to 3149 USG</b>	\$7,310	50%
ESB-CAZCAS-0008	<b>Compressed Air Storage – 3150 USG or more</b>	\$10,240	50%

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
<b>Cycling or Thermal Mass Refrigerated Dryer</b> <ul style="list-style-type: none"> <li>Installation of a new high efficiency cycling or thermal mass refrigerated dryer to replace a non-cycling refrigerated dryer</li> <li>Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per dryer</b></p>			
ESB-CAZCRD-0001	<b>Dryer - 0 to 200 SCFM</b>	\$650	50%
ESB-CAZCRD-0002	<b>Dryer - 201 to 400 SCFM</b>	\$1,300	50%
ESB-CAZCRD-0003	<b>Dryer - 401 to 750 SCFM</b>	\$2,600	50%
<b>Desiccant Dryer Dewpoint Demand Controls</b> <ul style="list-style-type: none"> <li>Installation of dewpoint controls to optimize the regeneration of the desiccant towers by monitoring the removal load and adjusting the regeneration cycles to match the removal load</li> <li>Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per dryer</b></p>			
ESB-CAZDDZ-0001	<b>Dryer - 0 to 200 SCFM</b>	\$500	50%
ESB-CAZDDZ-0002	<b>Dryer - 201 to 400 SCFM</b>	\$1,200	50%
ESB-CAZDDZ-0003	<b>Dryer - 401 to 750 SCFM</b>	\$2,750	50%
<b>Low Pressure Drop Filter</b> <ul style="list-style-type: none"> <li>Select filter for appropriate compressor hp</li> <li>To replace a standard coalescing filter</li> <li>Pressure drop cannot exceed 1 psid</li> </ul> <p style="text-align: right;"><b>Incentive value per filter</b></p>			
ESB-CAZLPD-0001	<b>Filter</b> <ul style="list-style-type: none"> <li>For compressor sized 0 to 30 hp</li> </ul>	\$120	50%
ESB-CAZLPD-0002	<b>Filter</b> <ul style="list-style-type: none"> <li>For compressor sized 31 to 50 hp</li> </ul>	\$240	50%
ESB-CAZLPD-0003	<b>Filter</b> <ul style="list-style-type: none"> <li>For compressor sized 51 to 70 hp</li> </ul>	\$400	50%
ESB-CAZLPD-0004	<b>Filter</b> <ul style="list-style-type: none"> <li>For compressor sized 71 to 90 hp</li> </ul>	\$560	50%

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
ESB-CAZLPD-0005	<b>Filter</b> <ul style="list-style-type: none"><li data-bbox="467 380 922 411">• For compressor sized 91 to 110 hp</li></ul>	\$720	50%

## REFRIGERATION

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
<b>Anti-Sweat Heater Controls</b> <ul style="list-style-type: none"> <li>Controls must sense the relative humidity and reduce heater operation time and cooling load</li> <li>Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per control system</b></p>			
ESB-REFASH-0001	<b>Anti-sweat heater controls for cooler and freezer doors</b>	\$400	50%
<b>Automatic Door Closer</b> <ul style="list-style-type: none"> <li>To be installed on an existing walk-in cooler, refrigerator, or freezer</li> <li>Hydraulic or spring loaded closer</li> <li>Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per door</b></p>			
ESB-REFADC-0001 to 0002	<b>Automatic door closer</b> <ul style="list-style-type: none"> <li>Walk-in coolers, refrigerators, and freezers</li> </ul>	\$75	50%
<b>Evaporator Fan Control</b> <ul style="list-style-type: none"> <li>During the compressor off cycle, the control must reduce airflow of an evaporator fan in walk-in cooler, refrigerator, or freezer</li> <li>Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per evaporator</b></p>			
ESB-REFEFC-0001	<b>Evaporator fan control for motors</b> <ul style="list-style-type: none"> <li>Walk-in coolers, refrigerators, and freezers</li> </ul>	\$115	50%
<b>Night Covers</b> <ul style="list-style-type: none"> <li>No existing night cover already in use</li> <li>Must be in use for 25% of the day</li> <li>Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per cover</b></p>			
ESB-REFNCZ-0001	<b>Refrigerated case night covers</b> <ul style="list-style-type: none"> <li>Vertical case</li> </ul>	\$20	50%
ESB-REFNCZ-0002	<b>Refrigerated case night covers</b> <ul style="list-style-type: none"> <li>Horizontal case</li> </ul>	\$20	50%

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
<p><b>Strip Curtain</b></p> <ul style="list-style-type: none"> <li>• Applicable for walk-in coolers and freezers which had no/ ineffective strip curtain installed</li> <li>• Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per square foot of the doorway area</b></p>			
ESB-REFSCZ-0001/ ESB-REFSCZ-0002	<b>Strip curtain for walk-in refrigerator/ freezer</b>	\$5	50%

## LIGHTING SYSTEMS

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
<b>Downlight Fixtures and Retrofit Kits</b> <ul style="list-style-type: none"> <li>ENERGY STAR® Certified - classified as 'Downlight Recessed', 'Down Light Solid Retrofit', 'Ceiling Mount' or 'Wall Mount'</li> <li>Specification sheet to be provided along with ENERGY STAR® Unique ID</li> </ul> <p style="text-align: right;"><b>Incentive value per fixture</b></p>			
ESB-LZZDFR-0001	<b>Downlight fixtures and retrofit kits</b> <ul style="list-style-type: none"> <li>400 to 599 lumens</li> </ul>	\$5	25%
ESB-LZZDFR-0002	<b>Downlight fixtures and retrofit kits</b> <ul style="list-style-type: none"> <li>600 to 799 Lumens</li> </ul>	\$10	25%
ESB-LZZDFR-0003	<b>Downlight fixtures and retrofit kits</b> <ul style="list-style-type: none"> <li>800 Lumens or more</li> <li>Efficacy better than 100 lumens/W</li> </ul>	\$12	25%
<b>LED Exit Signs</b> <ul style="list-style-type: none"> <li>Not Eligible for retrofit kits or screw-in lamps</li> <li>Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per exit sign</b></p>			
ESB-LZZLES-0001	<b>LED exit signs</b> <ul style="list-style-type: none"> <li>5W or less</li> <li>ENERGY STAR® Certified</li> <li>LED replacement fixtures and photoluminescent signs</li> <li>Listed in accordance with the CSA C22.2 No. 141-15 (R2020)</li> </ul>	\$12	25%
<b>Troffer Fixtures and Kits</b> <ul style="list-style-type: none"> <li>DLC certified - categorized as 'Indoor Luminaire -Troffer' or 'Indoor Luminaire'</li> <li>Specification sheet to be provided along with DLC Product ID</li> </ul> <p style="text-align: right;"><b>Incentive value per fixture</b></p>			
ESB-LZZTFK-0001 to 0002	<b>LED 2x2 recessed light fixture</b> <ul style="list-style-type: none"> <li>2,000 or more lumen output</li> </ul>	\$20	25%
ESB-LZZTFK-0003 to 0005	<b>LED 2x4 recessed light fixture</b> <ul style="list-style-type: none"> <li>3,000 or more lumen output</li> </ul>	\$30	25%
ESB-LZZTFK-0006 to 0008	<b>LED 1x4 recessed light fixture</b> <ul style="list-style-type: none"> <li>1,500 or more lumen output</li> </ul>	\$20	25%

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
<b>Refrigerated Case Lighting</b> <ul style="list-style-type: none"> <li>• Retrofit kits are not eligible</li> <li>• Specification sheet to be provided along with DLC Product ID</li> </ul> <p style="text-align: right;"><b>Incentive value per fixture</b></p>			
ESB-LZZRCL-0001	<b>Refrigerated case lighting LED</b> <ul style="list-style-type: none"> <li>• 2 to 4 ft horizontal</li> <li>• DLC Certified as horizontal refrigerated case lighting</li> </ul>	\$20	25%
ESB-LZZRCL-0002	<b>Refrigerated case lighting LED</b> <ul style="list-style-type: none"> <li>• 4 to 6 ft vertical</li> <li>• DLC Certified as vertical refrigerated and freezer case lighting</li> </ul>	\$25	25%
<b>Exterior LED Fixtures</b> <ul style="list-style-type: none"> <li>• DLC certified - categorized as 'Outdoor Luminaire and Outdoor Retrofit kits' – low, medium, high or very high output</li> <li>• Specification sheet to be provided along with DLC Product ID</li> </ul> <p style="text-align: right;"><b>Incentive value per fixture</b></p>			
ESB-LZZELF-0001	<b>LED fixture wall pack or canopy</b> <ul style="list-style-type: none"> <li>• Less than 5,000 lumens</li> </ul>	\$35	25%
ESB-LZZELF-0002	<b>LED fixture wall pack or canopy</b> <ul style="list-style-type: none"> <li>• 5,000 to 9,999 lumens</li> </ul>	\$60	25%
ESB-LZZELF-0003 to 0005	<b>LED fixture wall pack or canopy</b> <ul style="list-style-type: none"> <li>• 10,000 lumens or more</li> </ul>	\$80	25%
ESB-LZZELF-0006	<b>LED Fixture Flood, Pole Mounted or Other</b> <ul style="list-style-type: none"> <li>• less than 5,000 lumens</li> </ul>	\$50	25%
ESB-LZZELF-0007	<b>LED Fixture Flood, Pole Mounted or Other</b> <ul style="list-style-type: none"> <li>• 5,000 to 9,999 lumens</li> </ul>	\$75	25%
ESB-LZZELF-0008	<b>LED Fixture Flood, Pole Mounted or Other</b> <ul style="list-style-type: none"> <li>• 10,000 to 14,999 or more</li> </ul>	\$100	25%

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
ESB-LZZELF-0009	<b>LED Fixture Flood, Pole Mounted or Other</b> <ul style="list-style-type: none"> <li>15,000 to 29,999 lumens</li> </ul>	\$125	25%
ESB-LZZELF-0010	<b>LED Fixture Flood, Pole Mounted or Other</b> <ul style="list-style-type: none"> <li>30,000 lumens and more</li> </ul>	\$150	25%
<b>Accent or Track Lighting</b> <ul style="list-style-type: none"> <li>ENERGY STAR® Certified - classified as 'Accent or Track Lighting Fixtures'</li> <li>Specification sheet to be provided along with ENERGY STAR® Unique ID</li> </ul> <p style="text-align: right;"><b>Incentive value per fixture</b></p>			
ESB-LZZATL-0001 to 0003	<b>Accent or Track Lighting</b> <ul style="list-style-type: none"> <li>All wattages</li> </ul>	\$20	25%
<b>Linear LED Fixture Replacement or Retrofit</b> <ul style="list-style-type: none"> <li>DLC certified - categorized as 'Surface and Suspended Linear Fixtures'</li> <li>Specification sheet to be provided along with DLC Product ID</li> </ul> <p style="text-align: right;"><b>Incentive value per fixture</b></p>			
ESB-LZZLLF-0001 to 0002	<b>Linear surface or suspended fixture</b> <ul style="list-style-type: none"> <li>Less than 3,000 lumens</li> </ul>	\$20	25%
ESB-LZZLLF-0002	<b>Linear surface or suspended fixture</b> <ul style="list-style-type: none"> <li>3,000 to 4,499 lumens</li> </ul>	\$30	25%
ESB-LZZLLF-0003 to 0004	<b>Linear surface or suspended fixture</b> <ul style="list-style-type: none"> <li>4,500 to 7,499 lumens</li> </ul>	\$40	25%
ESB-LZZLLF-0005	<b>Linear surface or suspended fixture</b> <ul style="list-style-type: none"> <li>7,500 lumens and more</li> </ul>	\$45	25%
<b>Bay LED Fixture</b> <ul style="list-style-type: none"> <li>DLC certified - categorized as 'Low-bay', 'Medium-bay' and 'High-bay Fixtures and Retrofit Kits'</li> <li>Specification sheet to be provided along with DLC Product ID</li> </ul> <p style="text-align: right;"><b>Incentive value per fixture</b></p>			
ESB-LZZBLF-0001	<b>LED bay fixture replacement</b> <ul style="list-style-type: none"> <li>less than 10,000 lumens</li> <li>Less than 100 Watts</li> </ul>	\$30	25%



Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
ESB-LZZBLF-0002	<b>LED bay fixture replacement</b> <ul style="list-style-type: none"> <li>• 10,000 to 14,999 lumens</li> <li>• Less than 139 Watts</li> </ul>	\$50	25%
ESB-LZZBLF-0003	<b>LED bay fixture replacement</b> <ul style="list-style-type: none"> <li>• 15,000 to 19,999 lumens</li> <li>• Less than 175 Watts</li> </ul>	\$60	25%
ESB-LZZBLF-0004	<b>LED bay fixture replacement</b> <ul style="list-style-type: none"> <li>• 20,000 to 29,999 lumens</li> <li>• Less than 250 Watts</li> </ul>	\$70	25%
ESB-LZZBLF-0005	<b>LED bay fixture replacement</b> <ul style="list-style-type: none"> <li>• 30,000 lumens and more</li> <li>• Efficacy better than 100 lumens/W</li> </ul>	\$100	25%

## LIGHTING CONTROLS

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
<b>Daylight Controls</b> <ul style="list-style-type: none"> <li>Automatic off feature not eligible</li> <li>Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per control</b></p>			
ESB-LCZDCZ-0001 to 0002	<b>Fixture mounted dual occupancy and daylight control</b>	\$25	50%
ESB-LCZDCZ-0003	<b>Ceiling or wall mounted daylight control</b>	\$30	50%
ESB-LCZDCZ-0004	<b>Switch or fixture mounted daylight control</b>	\$22	50%
<b>Occupancy Controls</b> <ul style="list-style-type: none"> <li>Automatic off feature not eligible</li> <li>Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per control</b></p>			
ESB-LCZOZC-0001	<b>Ceiling or remote mounted sensor</b> <ul style="list-style-type: none"> <li>The sensor should control more than 300W of lighting load</li> </ul>	\$50	50%
ESB-LCZOZC-0002	<b>Wall switch mounted sensor</b> <ul style="list-style-type: none"> <li>The sensor should control more than 60W of lighting load</li> </ul>	\$20	50%
ESB-LCZOZC-0003	<b>Fixture mounted sensor</b> <ul style="list-style-type: none"> <li>The sensor should control more than 30W of lighting load</li> </ul>	\$20	50%
ESB-LCZOZC-0004	<b>Exterior occupancy sensor</b>	\$22	50%
<b>Exterior Lighting Bi-Level Control</b> <ul style="list-style-type: none"> <li>Must have fully programmable dimming settings, allowing at least two levels of dimming</li> <li>Automatic off feature not eligible</li> <li>Specification sheet to be provided</li> </ul> <p style="text-align: right;"><b>Incentive value per control unit</b></p>			
ESB-LCZBLC-0001	<b>Exterior lighting bi-level controls</b> <ul style="list-style-type: none"> <li>Must control an exterior LED fixture less than or equal to 810W</li> </ul>	\$160	50%

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
ESB-LCZBLC-0002	<p><b>Exterior lighting bi-level controls with override — 150W to 1000W HID</b></p> <ul style="list-style-type: none"> <li>• Must control an exterior HID fixture between 150W and 1000W</li> </ul>	\$120	50%
ESB-LCZBLC-0003	<p><b>Exterior lighting bi-level control with override — 150W to 1000W PSMH</b></p> <ul style="list-style-type: none"> <li>• Must control an exterior PSMH fixture between 150W and 1000W</li> </ul>	\$120	50%

## ONSITE GENERATION

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
<p><b>Solar PV</b></p> <ul style="list-style-type: none"> <li>• Comply with Micro-generation regulation (Alberta Reg 27/2008). Submission of Form A is required before project pre-approval. The interconnection approval is received within one year of the Application Date.</li> <li>• All PV energy output must be used within the facility.</li> <li>• Minimum Solar Yield must be 75% of a system design with optimal azimuth and tilt at that location.</li> <li>• Installation contractor must be a member in good standing with:               <ul style="list-style-type: none"> <li>○ Solar Alberta, OR</li> <li>○ Canadian Renewable Association, OR</li> <li>○ Electrical Contractors Association of Alberta</li> </ul> </li> <li>• Comply with the “Additional Eligibility Requirements for PV Systems” within the Participant Terms and Conditions.</li> <li>• For incentive determination, the system size will be determined at</li> <li>• Not eligible:               <ul style="list-style-type: none"> <li>○ Existing PV systems and its components</li> </ul> </li> </ul> <p style="text-align: right;"><b>Incentive value per Watt DC</b></p>			
ESB- OGZSPV-0001	<p><b>Solar Photovoltaic</b></p> <ul style="list-style-type: none"> <li>• Systems less than 15kW</li> </ul>	\$0.65	25%
ESB- OGZSPV-0002	<p><b>Solar Photovoltaic</b></p> <ul style="list-style-type: none"> <li>• Systems 15kW to 2 MW</li> </ul>	\$0.50	25%

### Combined Heat Power (CHP)

- Comply with Micro-generation regulation (Alberta Reg 27/2008). Submission of Form A is required before project pre-approval. For new systems, the interconnection approval is received within one year of the Application Date.
- Eligible prime movers include internal combustion engines or turbine driven.
- All heat and power must be used within the facility.
- Minimum overall system efficiency is 50%.
- Minimum system utilization factor is 85%.
- System design must be approved by an engineer licensed in Alberta.
- CHP System can be a retrofit within an existing Facility or within a new construction project.
- Comply with the “Additional Eligibility Requirements for CHP Systems” within the Participant Terms and Conditions.
- For incentive determination, the generator nameplate electrical output will be used.
- Not eligible:
  - Fuel cells
  - Microturbines

#### Incentive value per kW

ESB-OGZCHP-0001	<b>Combined heat &amp; power systems less than 4MWe</b> <ul style="list-style-type: none"> <li>• System efficiency 50% to less than 60%</li> </ul>	\$400	50%
ESB-OGZCHP-0001	<b>Combined heat &amp; power systems less than 4MWe</b> <ul style="list-style-type: none"> <li>• System efficiency 60% or more</li> </ul>	\$500	50%

## GEOHERMAL

Measure Code	Measure and Minimum Eligibility	Incentive Value	Maximum % of Eligible Expense
<p><b>Ground Source Heat Pump</b></p> <ul style="list-style-type: none"> <li>• All heat and power must be used within the facility</li> <li>• Only uses the ground or groundwater for geothermal exchange.</li> <li>• The Geothermal System complies with ANSI/CSA C448 Series, Design and installation of ground source heat pumps for commercial and residential buildings.</li> <li>• System design must be approved by an engineer licensed in Alberta who is accredited as a Certified Geo Exchange Designer by the International Ground Source Heat Pump Association or equivalent.</li> <li>• Installed by an Accredited Installer by the International Ground Source Heat Pump Association or equivalent.</li> <li>• Comply with the “Additional Eligibility Requirements for CHP Systems” within the Participant Terms and Conditions.</li> <li>• For incentive determination, the heat pump nameplate rating in tons will be used</li> </ul> <p style="text-align: right;"><b>Incentive value per ton</b></p>			
ESB-GTZGSH-0001	<p><b>Ground source heat pump</b></p> <ul style="list-style-type: none"> <li>• System less than 200 tons</li> </ul>	\$2,500	50%

## COMING SOON

PROCESS HEATING

HVAC

WATER HEATING

FOOD SERVICE

PUMP JACK CONTROLLER

BUILDING ENVELOPE AND WINDOWS