

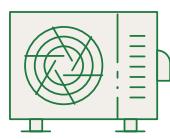
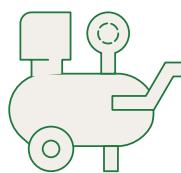
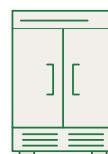
# Business Energy Solutions Program



## INCENTIVES

Appalachian Power offers cash incentives for energy efficiency improvements that, in addition to reliable electric service at a reasonable cost, can make your place of business comfortable, productive and safe. You can help your bottom-line while being an environmental leader with our energy saving tips and programs.

Businesses can fund up to 30% of their total project costs, with generous incentive maximums of \$100,000 each for lighting and non-lighting projects - for a total of \$200,000. Incentives are available for various projects, including:

**LIGHTING****HVAC****COMPRESSED  
AIR****REFRIGERATION****KITCHEN  
EQUIPMENT**

**Get started today!**

All lighting measures must be DLC or ENERGY STAR® certified and must replace an existing incandescent, fluorescent, CFL, or HID lamp or fixture with equivalent lumens. Retrofit kits shall replace all components of the existing fixture except the outer shell.

**Please reference the numbered footnotes for specific details.**

| Lighting                                  | Lighting Description  | Incentive        |
|---|---|------------------|
| <b>Exit Sign</b>                          | LED Exit Sign   | \$10 each        |
| <b>Recessed Downlight</b>                 | LED Recessed Downlight Luminaire: < 1,500 Lumens  | \$3 per fixture  |
|   | LED Recessed Downlight Luminaire: 1,500 - 2,999 Lumens  | \$9 per fixture  |
|   | LED Recessed Downlight Luminaire: 3,000 Lumens or Above   | \$16 per fixture |
| <b>Screw-in Omnidirectional</b>           | LED Standard A-Type (Medium-Base): < 1,500 Lumens   | \$2 per lamp     |
|   | LED Standard A-Type (Medium-Base): 1,500 - 2,999 Lumens   | \$4 per lamp     |
|   | LED Standard A-Type (Medium-Base): 3,000 Lumens or Above  | \$6 per lamp     |
|   | LED 3-Way, Bug, Marine, Rough Service, Infrared: < 1,500 Lumens                                     | \$2 per lamp     |
|   | LED 3-Way, Bug, Marine, Rough Service, Infrared: 1,500 or Above                                     | \$4 per lamp     |
| <b>Screw-in Directional</b>               | LED Reflector (Medium-Base w/ Bulb Diameter ≤ 2.25"): 400 - 1,199 Lumens                            | \$2 per lamp     |
|   | LED ER30, BR30, BR40, or ER40 (Bulb Diameter > 2.26" and ≤ 2.5"): 400 - 649 Lumens                  | \$2 per lamp     |
|   | LED BR30, BR40, or ER40 (Bulb Diameter > 2.26" and ≤ 2.5"): 650 - 1419 Lumens                       | \$3 per lamp     |
|   | LED R20 (Bulb Diameter > 2.26" and ≤ 2.5"): 400 - 719 Lumens  | \$2 per lamp     |
|   | LED Other R, PAR, ER, BR, BPAR , or Similar Bulb Diameter > 2.26" and ≤ 2.5": 540-999 Lumens        | \$2 per lamp     |
|   | LED Other R, PAR, ER, BR, BPAR , or Similar Bulb Diameter > 2.26" and ≤ 2.5": 1,000-2,189 Lumens    | \$4 per lamp     |
|   | LED Other R, PAR, ER, BR, BPAR , or Similar Bulb Diameter > 2.26" and ≤ 2.5": 2190 Lumens and Above | \$7 per lamp     |
|   | LED Other R, PAR, ER, BR, BPAR , or Similar Bulb Diameter >2.5": 640-1179 Lumens                    | \$2 per lamp     |
|   | LED Other R, PAR, ER, BR, BPAR , or Similar Bulb Diameter >2.5": 1,180-2,579 Lumens                 | \$4 per lamp     |
|   | LED Other R, PAR, ER, BR, BPAR , or Similar Bulb Diameter >2.5": 2,580 Lumens or Above              | \$6 per lamp     |
|   | LED All Reflector Lamps Below Lumen Ranges Specified Above  | \$1 per lamp     |
|   | LED Decorative (Shapes B, BA, C, CA, DC, F, G, Any-Base, < 500 Lumens)                              | \$1 per lamp     |
| <b>Screw-in Decorative</b>                | LED Decorative (Medium-Base,≥ 500 Lumens)   | \$3 per lamp     |
|   | LED Decorative (Candelabra or Intermediate-Base, ≥ 500 Lumens)                                      | \$3 per lamp     |
|   | LED Globe (Any-Base, <500 Lumens)   | \$1 per lamp     |
|   | LED Globe (Medium-Base, ≥ 500 Lumens)   | \$3 per lamp     |
|   | LED Globe (Candelabra or Intermediate-Base, ≥ 500 Lumens)   | \$3 per lamp     |
|   | LED Pin Based: < 1,499 Lumens   | \$6 per lamp     |
| <b>Pin-Based</b>                          | LED Pin Based: 1,500 - 2,999 Lumens   | \$15 per lamp    |
|   | LED Pin Based: 3,000 Lumens or above  | \$30 per lamp    |
|   | LED Pin Based: < 1,499 Lumens   | \$6 per lamp     |
| <b>Troffer Luminaire and Retrofit Kit</b> | 1x4 Tube or Strip LED Troffer   | \$6 per fixture  |
|   | 1x8 Tube or Strip LED Troffer   | \$9 per fixture  |
|   | 2x2 Tube or Strip LED Troffer   | \$6 per fixture  |
|   | 2x4 Tube or Strip LED Troffer   | \$12 per fixture |
|   | 2x8 Tube or Strip LED Troffer   | \$18 per fixture |
|   | 1x4 LED Troffer Retrofit Kit  | \$7 per kit      |
|   | 1x8 LED Troffer Retrofit Kit  | \$9 per kit      |
|   | 2x2 LED Troffer Retrofit Kit  | \$7 per kit      |
|   | 2x4 LED Troffer Retrofit Kit  | \$14 per kit     |
|   | 2 x 8 LED Troffer Retrofit Kit  | \$18 per kit     |
| <b>Linear Lamp</b>                        | LED Linear Replacement Lamp: 2 ft   | \$4 per lamp     |
|   | LED Linear Replacement Lamp: 4 ft   | \$6 per lamp     |
|   | LED Linear Replacement Lamp: 8 ft   | \$8 per lamp     |
|   | LED Linear Replacement Lamp: 2 ft - Controlled by Occupancy Sensor <sup>1</sup>                     | \$7 per lamp     |
|   | LED Linear Replacement Lamp: 4 ft - Controlled by Occupancy Sensor <sup>1</sup>                     | \$11 per lamp    |
|   | LED Linear Replacement Lamp: 8 ft - Controlled by Occupancy Sensor <sup>1</sup>                     | \$14 per lamp    |

Please reference the numbered footnotes for specific details.

| Lighting  | Description   | Incentive                    |
|---|---|------------------------------|
| High/Low Bay Luminaires   | High-Bay Luminaires: 5,000 - 9,999 Lumens                                       | \$25 per fixture             |
|   | High-Bay Luminaires: 10,000 - 19,999 Lumens                                     | \$50 per fixture             |
|   | High-Bay Luminaires: 20,000 - 29,999 Lumens                                     | \$100 per fixture            |
|   | High-Bay Luminaires: 30,000 - 39,999 Lumens                                     | \$150 per fixture            |
|   | High-Bay Luminaires: 40,000 Lumens or Above                                     | \$200 per fixture            |
| Exterior Lighting   | LED Omnidirectional: < 1,499 Lumens   | \$2 per lamp                 |
|   | LED Omnidirectional: 1,500 - 2,999 Lumens                                       | \$6 per lamp                 |
|   | LED Omnidirectional: 3,000 Lumens or Above                                      | \$10 per lamp                |
|   | LED Directional: < 1,499 Lumens   | \$2 per lamp                 |
|   | LED Directional: 1,500 - 2,999 Lumens   | \$6 per lamp                 |
|   | LED Directional: 3,000 Lumens or Above  | \$10 per lamp                |
|   | LED Decorative: < 1,499 Lumens  | \$2 per lamp                 |
|   | LED Decorative: 1,500 - 2,999 Lumens  | \$6 per lamp                 |
|   | LED Decorative: 3,000 Lumens or Above   | \$10 per lamp                |
|   | LED Luminaires: 5,000 - 9,999 Lumens  | \$15 per fixture             |
|   | LED Luminaires: 10,000 - 19,999 Lumens  | \$30 per fixture             |
|   | LED Luminaires: 20,000 - 29,999 Lumens  | \$50 per fixture             |
|   | LED Luminaires: 30,000 - 39,999 Lumens  | \$90 per fixture             |
|   | LED Luminaires: 40,000 Lumens or Above  | \$120 per fixture            |
| Refrigerated Case Lighting  | Refrigerated Case Lighting: 4 ft - Cooler                                       | \$25 per fixture             |
|   | Refrigerated Case Lighting: 5 ft - Cooler                                       | \$31 per fixture             |
|   | Refrigerated Case Lighting: 6 ft - Cooler                                       | \$37 per fixture             |
| Delamping   | Delamping   | \$200 per 1000 watts removed |
| Lighting Controls   | Description   | Incentive                    |
| Controls  | Dual Daylight & Occupancy Sensor  | 15¢ per watt controlled      |
|   | Daylight Continuous Dimming Control   | 12¢ per watt controlled      |
|   | Luminaire Level Lighting Control with Local or Cloud Server                     | 18¢ per watt controlled      |
|   | Occupancy Sensor: Wall, Fixture, or Remote-Mounted: ≤ 200 Watts Controlled      | 10¢ per watt controlled      |
|   | Occupancy Sensor: Wall, Fixture, or Remote-Mounted: ≥ 200 Watts Controlled      | \$60 per sensor              |
| HVAC <sup>2</sup>   | Minimum Requirements  | Incentive                    |
| Packaged Terminal Heat Pumps < 7 kBtu/h                                 | ≥ 13 EER & ≥ 3.5 COP  | \$20 per unit                |
| Packaged Terminal Heat Pumps ≥ 7 and < 15 kBtu/h                        | ≥ 12 EER & ≥ 3.4 COP  |                              |
| Packaged Terminal Heat Pumps ≥ 15 kBtu/h                                | ≥ 10.7 EER & ≥ 3.4 COP  |                              |
| Packaged Terminal Air Conditioners < 7 kBtu/h                           | ≥ 13 EER  | \$15 per unit                |
| Packaged Terminal Air Conditioners ≥ 7 and < 15 kBtu/h                  | ≥ 12 EER  |                              |
| Packaged Terminal Air Conditioners ≥ 15 kBtu/h                          | ≥ 10.1 EER  |                              |
| Single Package Vertical Heat Pumps ≤ 5.4 tons                           | ≥ 12 EER & ≥ 3.5 COP  | \$15 per ton                 |
| Single Package Vertical Heat Pumps > 5.4 and ≤ 11.25 tons               | ≥ 12 EER & ≥ 3.5 COP  |                              |
| Single Package Vertical Air Conditioners ≤ 5.4 tons                     | ≥ 12 EER  |                              |
| Single Package Vertical Air Conditioners > 5.4 and ≤ 11.25 tons         | ≥ 12 EER  | \$12 per ton                 |
| Air Source Heat Pumps - Split and Single Package ≤ 5.4 tons             | ≥ 17.5 SEER or ≥ 16.7 SEER <sup>2</sup> & ≥ 9.2 HSPF or ≥ 7.9 HSPF <sup>2</sup> |                              |
| Air Source Heat Pumps - Split and Single Package > 5.4 and ≤ 11.25 tons | ≥ 17 IEER & ≥ 3.6 COP   |                              |
| Air Source Heat Pumps - Split and Single Package > 11.25 and ≤ 20 tons  | ≥ 16 IEER & ≥ 3.4 COP   | \$20 per ton                 |
| Air Source Heat Pumps - Split and Single Package > 20 tons              | ≥ 15 IEER & ≥ 3.4 COP   |                              |
| Water Source Heat pump ≤ 1.4 tons                                       | ≥ 17 EER & ≥ 5 COP  |                              |
| Water Source Heat pump > 1.4 and ≤ 5.4 tons                             | ≥ 17.5 EER & ≥ 5 COP  | \$15 per ton                 |
| Water Source Heat pump > 5.4 and ≤ 11.25 tons                           | ≥ 17.5 EER & ≥ 5 COP  |                              |

Please reference the numbered footnotes for specific details.

| HVAC <sup>2</sup>   | Minimum Requirements  | Incentive                    |
|---|---|------------------------------|
| Air Conditioners - Split and Single Package $\leq$ 5.4 tons               | $\geq$ 17.5 SEER or $\geq$ 16.7 SEER <sup>2</sup>                               | \$15 per ton                 |
| Air Conditioners - Split and Single Package $>$ 5.4 and $\leq$ 11.25 tons | $\geq$ 17 IEER  |                              |
| Air Conditioners - Split and Single Package $>$ 11.25 and $\leq$ 20 tons  | $\geq$ 16 IEER  |                              |
| Air Conditioners - Split and Single Package $>$ 20 and $\leq$ 63.3 tons   | $\geq$ 15 IEER  |                              |
| Air Cooled Chillers $\leq$ 150 tons                                       | $\geq$ 16 EER @ IPLV  | \$8 per ton                  |
| Water Cooled Chillers - Positive Displacement $\leq$ 75 tons              | $\leq$ 0.51 kW/ton @ IPLV   | \$5 per ton                  |
| Water Cooled Chillers - Positive Displacement $>$ 75 and $\leq$ 120 tons  | $\leq$ 0.48 kW/ton @ IPLV   | \$5 per ton                  |
| Water Cooled Chillers - Centrifugal $\leq$ 150 tons                       | $\leq$ 0.40 kW/ton @ IPLV   | \$10 per ton                 |
| Ductless, Mini Split Air Conditioners $\leq$ 5.4 tons                     | $\geq$ 17.5 SEER  | \$10 per ton                 |
| Ductless, Mini Split Heat Pumps $\leq$ 5.4 tons                           | $\geq$ 17.5 SEER & $\geq$ 9.2 HSPF  | \$15 per ton                 |
| HVAC Controls   | Description   | Incentive                    |
| Economizers <sup>3</sup>  | Dual Enthalpy Economizer $\leq$ 5 tons  | \$18 per control             |
|   | Dual Enthalpy Economizer $>$ 5 tons   | \$55 per control             |
| Smart Thermostats <sup>4</sup>  | Smart Thermostat - AC and Electric Resistance Heat                              | \$40 each                    |
|   | Smart Thermostat - AC and Heat Pump   | \$25 each                    |
|   | Smart Thermostat - AC and Gas Heat  | \$20 each                    |
| EC Motors   | EC Motors-Hydronic Heating Pumps $<$ 1 HP                                       | \$85 each                    |
|   | EC Motors-Hydronic Heating Pumps $\geq$ 1HP and $\leq$ 10 HP                    | \$275 per HP                 |
|   | EC Motors-Hydronic Cooling Pumps $<$ 1 HP                                       | \$35 each                    |
|   | EC Motors-Hydronic Cooling Pumps $\geq$ 1HP and $\leq$ 10 HP                    | \$115 per HP                 |
|   | EC Motors-Hydronic DHW Pumps $<$ 1 HP   | \$45 each                    |
|   | EC Motors-Hydronic DHW Pumps $\geq$ 1HP and $\leq$ 10 HP                        | \$140 per HP                 |
| HVAC Misc.  | Description   | Incentive                    |
| Fan Belts   | Notched Belt for HVAC   | \$30 each                    |
|   | Synchronous Belt for HVAC   | \$80 each                    |
| Tune-Ups <sup>5</sup>   | Chiller Tune-Up   | \$3 per ton                  |
|   | HVAC Tune-Up  | \$4 per ton                  |
| VFD   | Description   | Incentive                    |
| VFD for HVAC Application <sup>6</sup>                                     | VFD: Fan or Pump  | \$150 per HP                 |
| Hot Water   | Description   | Incentive                    |
| Water Heater  | Hot Water ENERGY STAR Heat Pump Electric Storage Water Heater $\leq$ 55 Gallons | \$80 each                    |
|   | Hot Water ENERGY STAR Heat Pump Electric Storage Water Heater $>$ 55 Gallons    | \$90 each                    |
| Compressed Air  | Description   | Incentive                    |
| Condensate Drains <sup>7</sup>  | Compressed Air No-Loss Condensate Drains  | \$225 each                   |
| VSD Air Compressor <sup>8</sup>   | VSD Air Compressor  | \$42.50 per HP               |
| Air Nozzle <sup>9</sup>   | Air Nozzle  | \$50 each                    |
| Thermal Mass Dryer <sup>10</sup>  | Cycling Refrigerated Thermal Mass Dryer   | 12¢ per kWh saved            |
| Storage Tank <sup>11</sup>  | Storage Tanks for Load/No Load Screw Compressors                                | 12¢ per kWh saved            |
| Plant Optimizer <sup>24</sup>   | Compressed Air Plant Optimizer  | <b>NEW</b> 12¢ per kWh saved |

**Please reference the numbered footnotes for specific details.**

| <b>Kitchen</b>  | <b>Description</b>   | <b>Incentive</b>    |
|---|--|---------------------|
| <b>Pre-Rinse Spray Valve<sup>12</sup></b>                               | Pre-Rinse Spray Valve 1.15 GPM: Electric Water Heating: Full Service Restaurant                | \$100 each          |
|   | Pre-Rinse Spray Valve 1.15 GPM: Electric Water Heating: Limited Service (Fast Food) Restaurant |                     |
|   | Pre-Rinse Spray Valve 1.15 GPM: Electric Water Heating: Other Facility                         |                     |
| <b>Commercial Griddle<sup>13</sup></b>                                  | Electric Commercial Griddle  | \$500 each          |
| <b>Commercial Fryer<sup>13</sup></b>                                    | Electric Fryer: Standard Size  | \$200 each          |
|   | Electric Fryer: Large Vat  |                     |
| <b>Commercial Steam Cooker<sup>13</sup></b>                             | Steam Cooker: Steam Generator Baseline   | \$1,200 each        |
|   | Steam Cooker: Boiler Based Baseline  |                     |
| <b>Commercial Oven<sup>13</sup></b>                                     | Electric Commercial Ovens: Convection, Half Size   | \$100 each          |
|   | Electric Commercial Ovens: Convection, Full Size   | \$400 each          |
|   | Electric Commercial Ovens: Combination, Pans <15   | \$800 each          |
|   | Electric Commercial Ovens: Combination, Pans ≥15   | \$1,000 each        |
| <b>Commercial Dishwasher<sup>13</sup><br/>(Electric Hot Water Only)</b> | Dishwasher: Low Temperature Under Counter  | \$280 each          |
|   | Dishwasher: Low Temperature Stationary Single Tank Door  | \$1,000 each        |
|   | Dishwasher: Low Temperature Single Tank Conveyor   | \$1,200 each        |
|   | Dishwasher: Low Temperature Multi Tank Conveyor  | \$1,500 each        |
|   | Dishwasher: High Temperature Under Counter   | \$350 each          |
|   | Dishwasher: High Temperature Stationary Single Tank Door                                       | \$1,300 each        |
|   | Dishwasher: High Temperature Single Tank Conveyor  | \$1,000 each        |
|   | Dishwasher: High Temperature Multi Tank Conveyor   | \$2,000 each        |
|   | Dishwasher: Pot, Pan, and Utensil  | \$370 each          |
| <b>Refrigeration</b>  | <b>Description</b>   | <b>Incentive</b>    |
| <b>ECM Motor Retrofits<sup>14</sup></b>                                 | Cooler <0.0667 HP [<1/15 HP]   | \$75 each           |
|   | Cooler 0.0667 - <0.25 HP [1/15 - <1/4 HP]  | \$260 each          |
|   | Cooler 0.025 - <0.5 HP [1/4 - <1/2 HP]   | \$400 each          |
|   | Cooler >0.5 HP [> 1/2 HP]  | \$550 each          |
|   | Freezer <0.0667 [<1/15 HP]   | \$75 each           |
|   | Freezer 0.0667 - <0.25 HP [1/15 - <1/4 HP]   | \$260 each          |
|   | Freezer 0.025 - <0.5 HP [1/4 - <1/2 HP]  | \$400 each          |
|   | Freezer >0.5 HP [> 1/2 HP]   | \$550 each          |
|   | Anti-Sweat Heater Control: Cooler, On/Off Controls   | \$100 per door      |
| <b>Anti-Sweat Heater Control<sup>15</sup></b>                           | Anti-Sweat Heater Control: Cooler, Micropulse Controls   | \$100 per door      |
|   | Anti-Sweat Heater Control: Freezer, On/Off Controls  | \$120 per door      |
|   | Anti-Sweat Heater Control: Freezer, Micropulse Controls  | \$120 per door      |
|   | Automatic Door Closer: Cooler  | \$100 each          |
| <b>Automatic Door Closer<sup>16</sup></b>                               | Automatic Door Closer: Freezer   | \$150 each          |
|   | Vending Machine Control: Refrigerated  | \$100 each          |
| <b>Vending Machine Controls<sup>17</sup></b>                            | Vending Machine Control: Glass Front Refrigerated Cooler                                       | \$100 each          |
|   | Vending Machine Control: Non Refrigerated  | \$20 each           |
|   | Door Gasket: Reach-in Cooler   | \$2 per linear foot |
| <b>Door Gasket<sup>18</sup></b>   | Door Gasket: Walk-in Cooler  | \$4 per linear foot |
|   | Door Gasket: Reach-in Freezer  |                     |
|   | Door Gasket: Walk-in Freezer   |                     |
| <b>Night Cover<sup>19</sup></b>   | Night Cover for Vertical Refrigerated Case   | \$22 per linear ft  |

**Please reference the numbered footnotes for specific details.**

| Refrigeration                    | Description  | Incentive              |
|----------------------------------|--|------------------------|
| Commercial Freezer <sup>13</sup> | Solid Door Commercial Freezer < 15 cubic feet (AHAM interior volume)     | \$65 each              |
|                                  | Solid Door Commercial Freezer 15 - <30 cubic feet (AHAM interior volume) | \$65 each              |
|                                  | Solid Door Commercial Freezer 30 - <50 cubic feet (AHAM interior volume) | \$80 each              |
|                                  | Solid Door Commercial Freezer 50 - 90 cubic feet (AHAM interior volume)  | \$110 each             |
|                                  | Glass Door Commercial Freezer < 15 cubic feet (AHAM interior volume)     | \$50 each              |
|                                  | Glass Door Commercial Freezer 15 - <30 cubic feet (AHAM interior volume) | \$90 each              |
|                                  | Glass Door Commercial Freezer 30 - <50 cubic feet (AHAM interior volume) | \$140 each             |
|                                  | Glass Door Commercial Freezer 50 - 90 cubic feet (AHAM interior volume)  | \$225 each             |
|                                  | Glass Door Chest Freezers any size                                       | \$60 each              |
|                                  | Solid Door Chest Freezers any size                                       | \$60 each              |
| Display Case Doors               | Display Case Doors on Open Display Cases                                 | \$25 per linear foot   |
| Controls                         | Glass Front Refrigerated Cooler Control                                  | \$80 each              |
|                                  | Floating Head Pressure Controls  | \$55 per ton           |
|                                  | Evaporator Fan Motor Control Walk-in or Reach-in Cooler                  | \$55 per motor         |
|                                  | Evaporator Fan Motor Control Walk-in or Reach-in Freezer                 | \$70 per motor         |
| Compressor                       | Variable Speed Refrigeration Compressor                                  | \$200 per ton          |
| Misc.                            | Description  | Incentive              |
| Appliances & Plug Load           | Advanced Power Strip   | \$2 each               |
|                                  | Commercial Ice Machines 0-100 lbs/day                                    | \$10 each              |
|                                  | Commercial Ice Machines 101-250 lbs/day                                  | \$20 each              |
|                                  | Commercial Ice Machines 251-500 lbs/day                                  | \$40 each              |
|                                  | Commercial Ice Machines 501-1000 lbs/day                                 | \$80 each              |
|                                  | ENERGY STAR Computers  | \$8 each               |
|                                  | ENERGY STAR Imaging  | \$14 each              |
|                                  | ENERGY STAR Uninterruptible Power Supplier (UPS)                         | \$13 per kVA           |
|                                  | Small Network PC Controller  | \$25 per PC controlled |
| Other                            | Description  | Incentive              |
| Agriculture                      | Engine Block Heat Timer  | \$50 per heater        |
|                                  | Automatic Milker Take Off <sup>20</sup>                                  | \$225 each             |
|                                  | Dairy Scroll Compressor <sup>21</sup>                                    | \$450 each             |
|                                  | Heat Reclaimers <sup>22</sup>  | \$1,000 each           |
|                                  | Livestock Waterer  | \$35 each              |
|                                  | Dairy Vacuum Pump VSD Controls   | \$330 each             |
|                                  | Low Pressure Irrigation Agriculture <sup>23</sup>                        | \$20 per acre          |
|                                  | Low Pressure Irrigation Golf Course <sup>23</sup>                        |                        |

1 All LED linear lamp replacements shall be controlled by an occupancy sensor. Occupancy sensors may be used to control multiple fixtures/lamps. This incentive may not be combined with the occupancy sensor incentive.

2 All HVAC equipment must meet or exceed ASHRAE 90.1 - 2019 requirements. AHRI certificate and specification sheets must be provided for all new HVAC equipment.

3 HVAC systems with existing economizers are not eligible.

4 Thermostat shall be an ENERGY STAR certified smart thermostat.

5 Tune-Up projects require completion of the program Tune-Up checklist.

6 Motor(s) being controlled must be 200 HP or less and operate a minimum of 2,000 hours per year. Incentives are available for VFDs only in a retrofit situation where no VFD has been in use previously. Replacement of failed VFDs are not eligible for incentives.

7 Requires baseline conditions of compressed air systems with standard condensate drains operated by a solenoid and/or timer.

8 Limited to 200 HP or less. Eligible unit must be a screw compressor with variable speed control to match motor output to load. Backup compressors are not eligible. Please contact the program for units greater than 200 HP.

9 Must replace continuous open blow-offs. Must meet SCFM rating at 80 psig less than or equal to: 1/8" 11 SCFM, 1/4" 29 SCFM, 5/16" 56 SCFM, or 1/2" 140 SCFM.

10 Unit must replace non-cycling (e.g., continuous) air dryer with a capacity of 600 CFM or below. The replacement of desiccant, deliquescent, heat-of-compression, membrane, or other types of dryers does not qualify under this measure.

11 Requires the installation of new air receivers for load/no-load compressors that increases total system storage by at least 3 gal/CFM.

12 Must meet GPM requirements and facility must use electric hot water.

13 Must be ENERGY STAR certified and replace an existing unit.

14 Must replace an existing PSC motor. Upgrade should not be installed if existing equipment is near end of its service life or very low efficiency, in which case full equipment replacement is recommended.

15 Must be installed on a commercial glass door cooler or freezer with a standard heated door running 24 hours a day, seven days per week (24/7) with no controls installed.

16 Must be installed in unit with no existing auto closer. The walk-in door perimeter must be ≥ 16 feet.

17 Must be installed on an existing standard refrigerated beverage vending machine that does not contain control systems to shut down the refrigeration components and lighting during times of low customer use. This measure can not be applied to ENERGY STAR qualified vending machines as they already have built-in controls.

18 Old and/or damaged gasket must have at least six inches of damage for reach-in units and at least two feet of damage for walk-in units.

19 Must be installed on a unit with no existing night cover.

20 Automatic milker takeoffs must replace existing manual takeoffs on dairy milking pump systems. The vacuum pump system must be equipped with a variable speed drive (VSD).

21 Must replace an existing reciprocating compressor or to be installed in a new construction application.

22 Only dairy parlors with electric water heating equipment are eligible.

23 Requires a minimum of 50% reduction in irrigation pumping pressure through the installation of a low-pressure irrigation system in agriculture or golf course applications.

24 Plant optimizer must include a master controller programmed to control and sequence multiple air compressors.. To be eligible, the controller must be installed in a system that operates at least 6,240 hours per year where no existing master controller exists.